



**XL Insurance
Reinsurance**



XL Bermuda Ltd

A member of AXA Group

**Financial Condition Report (FCR)
December 31, 2023
forming part of the annual
regulatory reporting package
submitted to the
Bermuda Monetary Authority
(BMA) by April 30, 2024**

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Executive Summary

The FCR of XL Bermuda Ltd ("the Company") is prepared in accordance with the rules and guidance laid out by the Bermuda Monetary Authority ("BMA"). The FCR documents the measures governing the Company's business activities, governance framework, risk and capital management, solvency, and financial performance for the year ended December 31, 2023. This FCR is based primarily on the Economic Balance Sheet ("EBS") of the Company as well as the Consolidated Financial Statements, which have been prepared in accordance with International Financial Reporting Standards ("IFRS"). The Company adopted both IFRS 17 – Insurance Contracts and IFRS 9 – Financial Instruments on January 1, 2023. On December 27, 2023, the Government of Bermuda enacted the Corporate Income Tax Act 2023 ("the Act"), which will apply a 15% corporate income tax and the Company expects to be subject to this corporate income tax starting with the 2025 fiscal year. The OECD Pillar Two tax reform will be effective in France, where the AXA SA ("AXA Group") head office is located, starting for the 2024 fiscal year. As a result, AXA Group will determine the effective tax rate based on Pillar Two rules in each jurisdiction where it operates, and, if this rate is lower than the minimum 15% rate, an additional tax liability will be payable.

Business and Performance Summary (Section A)

The Company is a member of the AXA XL Division ("AXA XL") of AXA Group. The Company operates globally with the US contributing 39.5%, Europe contributing 34.2%, the UK contributing 14.9% and other regions contributing 11.4% of Insurance Contract Revenue in 2023.

The Company writes business in the professional, casualty, property catastrophe, property, and specialty insurance and reinsurance markets.

The following tables summarize the Company's Insurance Contract Revenue by line of business for the years ended December 31, 2023 and 2022:

INSURANCE CONTRACT REVENUE BY BUSINESS SEGMENT AND BY LINE OF BUSINESS

(U.S. dollars in thousands)

	2023	2022 Restated (1)
P&C Operations:		
Property	4,697,486	4,202,188
Casualty	5,373,628	5,352,466
Specialty	3,248,734	3,019,287
Professional	3,612,286	4,115,080
P&C Insurance	16,932,134	16,689,021
Property catastrophe	404,031	603,399
Property other	602,469	769,459
Other (2)	1,422,445	1,741,952
P&C Reinsurance	2,428,945	3,114,810
Total P&C operations	19,361,079	19,803,831
Life Operations (3)	385,202	442,913
Total	19,746,281	20,246,744

Notes:

(1) Prior year numbers restated as result of the adoption of IFRS 17.

(2) Other within the Reinsurance segment includes: multi-line, credit & surety, casualty professional and other lines.

(3) Life includes the Company's run-off Life operations.

Governance Structure Summary (Section B)

The Board of Directors of the Company (the "XLB Board") oversees the effective management of the Company's business and affairs and is responsible for the maintenance of an effective corporate governance framework.

The XLB Board has established a committee of senior executives of the Company representing key functions (e.g. insurance, reinsurance, legal, compliance and regulatory affairs, risk management, finance, and human resources) (the "XLB Executive Committee").

The XLB Executive Committee assists the XLB Board with its oversight responsibilities. Specifically, the principal objectives of the XLB Executive Committee are to:

- Assist with the implementation of the approved XLB and AXA XL business plans;
- Execute necessary actions required of XLB under applicable legal and regulatory regimes;
- Review, consider, and if deemed appropriate, approve certain ordinary course transactions to be entered into by XLB;
- Assist with the implementation of directives from the XLB Board and the oversight of XLB's compliance with AXA XL and AXA Group strategy; and
- Promote the AXA Group's and AXA XL's interests within the Bermuda (re)insurance market and wider Bermuda business community.

On a quarterly basis, the XLB Executive Committee provides reports to the Board that: (i) detail any material issues or matters that have arisen with the Company and any of its subsidiaries; and (ii) summarize any matters approved by the XLB Executive Committee pertaining to the Company.

The Company faces strategic, financial and operational risks related to, among others: underwriting activities, changing macroeconomic conditions, investments, reserving, changes in laws or regulations, information systems, business interruption and fraud. An enterprise view of risk is required to identify and manage the consequences of these common risks and risk drivers on Company's profitability, capital strength and liquidity. This is managed by the Risk Management ("RM") function, an integrated part of all business processes, that defines and deploys the Risk Management Framework ("RMF").

The Company's RMF consists of a set of risk policies and standards. These are reviewed and approved by the XLB Board, at least annually. The RMF would be reviewed more regularly if the Company was subject to a major change in regulatory requirements, strategy or organizational structure.

The Company operates a 'Three Lines of Defense' approach to ensure effective and robust day-to-day governance is in place. The Operational line, is the 'First Line of Defense'. They are supported by the 'Second Line of Defense', which is made up of oversight functions. The Internal Audit Function provides the 'Third Line of Defense' which provides independent assessment of the effectiveness of the Company's system of internal control and reports to the Audit Committee.

Risk Profile Summary (Section C)

The Company has assessed and classified its exposure to various material risks. These include insurance risk, market risk, credit risk, liquidity risk, operational risk, and other risks such as strategic, asset-liability matching, reputational, emerging, and environmental, social, and governance ("ESG") risk. Detailed explanations of these risks, along with corresponding risk mitigation measures, can be found in Section C.

Solvency Valuation Summary (Section D)

The Company values each Asset Class, the net Technical Provisions and Other Liabilities utilizing a combination of valuation bases, methods and assumptions on the inputs used to determine solvency. As at December 31, 2023 the net Technical Provision amounted to \$29.2 billion (2022 - \$29.2 billion). Detailed explanations of the valuation bases, assumptions and methods used can be found in Section D.

Capital Management Summary (Section E)

The Company has an overarching Capital Management process to ensure an appropriate level and form of capital. The Company's capital position is benchmarked against its projected risk exposures to ensure that it is adequate to support planned business operations as well as certain stressed loss events. The form of the capital is designed to provide a balance between security, flexibility and liquidity.

In addition, the Company ensures that it meets the appropriate levels/standards as defined under the Insurance Act 1978 using the economic balance sheet framework to derive the Company's statutory economic capital and surplus, its enhanced capital requirement and its target capital levels as defined therein. There are appropriate levels of oversight from the XLB Board, Risk and Compliance, Finance and AXA XL Treasury to ensure appropriate capital levels are managed and maintained.

The company had available capital at year end 2023 of \$14.2 billion, which includes Tier 3 capital of \$999 million. This ancillary capital was approved by the BMA and executed on December 30, 2020. This capital commitment is effectively an Ancillary Own Funds instrument. In connection with the capital commitment, the Company issued 1,000 Series A, Non-Voting Redeemable Preference Shares to AXA SA which were funded at the statutory

minimum of \$1 million. Subject to the Company's ECR coverage ratio falling below 120% at any time prior to December 31, 2025, AXA SA is contractually obligated to fund the remaining \$999 million.

The ECR coverage ratio was 176% as at December 31, 2023.

There were no material changes to the Company's governance structure and capital management approach during the reporting period. Further details are included in this report.

Subsequent Events Summary (Section F)

On April 11, 2024, a distribution of \$520 million was paid by the Company to its parent, XL Group Ltd.

The Company has determined that for the year ended December 31, 2023, there are no additional subsequent events that occurred that would have a material impact on the information contained in this Financial Condition Report.

A. Business and Performance

This section provides particulars regarding the organizational structure, insurance business activities and financial performance.

A.1. Name of Insurers

XL Bermuda Ltd (the "Company")

Unless the context requires otherwise, references in this Financial Condition Report ("FCR") to the "Company", "we", "us", "our" or "Group" refer to "XL Bermuda Ltd" and its subsidiaries.

A.2. Supervisors

	Insurance Supervisor	Group Supervisor
Name:	Bermuda Monetary Authority, BMA House, 43 Victoria Street, Hamilton HM 12 Bermuda	Autorité de contrôle prudentiel et de résolution 4 Place de Budapest CS 92459 75436 Paris Cedex 09 France
Jurisdiction:	Bermuda	France
Email Address:	insuranceinfo@bma.bm	Bibli@acpr.banque-france.fr
Phone Number:	+1 441-295-5278	+ (33) 01 49 95 40 00

A.3. Approved Auditor

Organisation:	Ernst & Young Ltd. 3 Bermudiana Road Hamilton, HM08 Bermuda
Name:	Kent Howard
Jurisdiction:	Bermuda
Email Address:	kent.howard@bm.ey.com
Phone Number:	+1 441 294 5305

A.4. Ownership Details

Legal Entity	Owner Name	Ownership Percentage
XL Bermuda Ltd	XL Group Ltd	100%*

* XL Group Ltd is 100% owned by AXA SA, which holds 1,000 Series A, Non-Voting Redeemable Preference Shares issued by the Company.

A.5. Group Structure

The Company is a member of the AXA XL Division ("AXA XL" or "Division") of the AXA Group.

See Appendix 1 - AXA XL Group Structure Chart - December 31, 2023.

A.6. Business Written by Business Segment, by Line of Business, and by Geographical Region

A.6.1. Business Written by Business Segment, by Line of Business, and by Geographical Region for the Company

The following tables summarize the Company's Insurance Contract Revenue by line of business for the years ended December 31, 2023 and 2022:

INSURANCE CONTRACT REVENUE BY BUSINESS SEGMENT AND BY LINE OF BUSINESS

<i>(U.S. dollars in thousands)</i>	2023	2022 Restated (1)
P&C Operations:		
Property	4,697,486	4,202,188
Casualty	5,373,628	5,352,466
Specialty	3,248,734	3,019,287
Professional	3,612,286	4,115,080
P&C Insurance	16,932,134	16,689,021
Property catastrophe	404,031	603,399
Property other	602,469	769,459
Other (2)	1,422,446	1,741,952
P&C Reinsurance	2,428,945	3,114,810
Total P&C Operations	19,361,079	19,803,831
Life Operations (3)	385,202	442,913
Total	19,746,281	20,246,744

Notes:

(1) Prior year numbers restated as result of the adoption of IFRS 17.

(2) Other within the Reinsurance segment includes: multi-line, credit & surety, casualty professional and other lines.

(3) Life includes the Company's run-off life operations.

INSURANCE CONTRACT REVENUE BY BUSINESS SEGMENT AND BY GEOGRAPHICAL LOCATION

<i>(U.S. dollars in thousands)</i>	2023	2022 Restated (1)
P&C Operations:		
Bermuda	1,043,482	1,610,707
United States	7,800,642	7,845,151
Europe	6,738,118	6,557,156
United Kingdom	2,941,620	2,892,435
Other	837,217	898,382
Total P&C operations	19,361,079	19,803,831
Bermuda	368,695	426,311
Europe	10,089	9,397
United Kingdom	6,418	7,205
Life Operations	385,202	442,913
Total	19,746,281	20,246,744

Note:

(1) Prior year numbers restated as result of the adoption of IFRS 17.

A.7. Breakdown of Investments and Material Income and Expenses for the Reporting Period

A.7.1. Breakdown of Investments

Debt securities represents the majority of the Company's investment portfolio. The Company invests in a diversified portfolio of highly rated debt securities. In addition, the Company holds investment funds and real estate investments.

The tables below present the fair value and the carrying value of the Company's investments, broken down by class of investments as at December 31, 2023 and 2022:

Investments as per Consolidated Statement of Financial Position:

	December 31, 2023			December 31, 2022 - Restated (1)		
<i>(U.S. dollars in thousands)</i>	Fair value	Carrying value	% (value balance sheet)	Fair value	Carrying value	% (value balance sheet)
Investment in real estate properties at amortized cost	1,462,465	1,135,717	2.6 %	1,616,721	1,135,096	2.8 %
Debt instruments	37,794,125	37,836,037	87.1 %	34,576,803	34,618,815	86.0 %
Equity instruments	256,131	256,131	0.6 %	351,921	351,921	0.9 %
Non-consolidated investment funds	3,366,458	3,366,458	7.7 %	3,233,129	3,233,129	8.0 %
Other assets designated as at fair value through profit or loss, held by consolidated investment funds	612,292	612,292	1.4 %	634,159	634,159	1.6 %
Subtotal Financial instruments (excluding Loans)	42,029,006	42,070,918	96.8 %	38,796,012	38,838,024	96.5 %
Loans	257,123	256,338	0.6 %	259,144	258,217	0.6 %
Total Financial instruments	42,286,129	42,327,256	97.4 %	39,055,156	39,096,241	97.2 %
INVESTMENTS	43,748,594	43,462,973	100.0 %	40,671,877	40,231,337	100.0 %

Note:

(1) Prior year numbers restated as result of the adoption of IFRS 9.

Investment Returns:

The investment result excluding financing debt expenses reflects the return on invested assets generated by all activities less the net finance income or expenses stemming from insurance and reinsurance contracts. The table below highlights how this financial result impacts both the profit or loss and the other comprehensive income (OCI) before tax.

The following tables summarize the components of net investment result for the years ended December 31, 2023 and 2022:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022
		Restated (1)
Net investment income	1,210,946	1,107,117
Net realized gains and losses relating to investments at cost and at fair value through OCI	(57,290)	5,210
Net realized gains and losses and change in fair value of other investments at fair value through profit or loss	(24,231)	(152,053)
Change in impairment on investments	(5,981)	(9,105)
Investment return through profit or loss	1,123,444	951,169
Realized capital gains or losses on equity instruments measured at fair value through OCI, without recycling in profit or loss	24,634	12,012
Changes in fair value of financial investments through OCI (2)	1,216,770	(4,376,081)
Investment return through OCI	1,241,404	(4,364,069)
Impact of Investment return on the statement of comprehensive income (before tax)	2,364,848	(3,412,900)

Notes:

(1) Prior year numbers restated as result of the adoption of IFRS 9.

(2) Including both the change in fair value with recycling in profit or loss and the change in fair value without recycling in profit or loss.

A.7.2. Material Income and Expenses for the Reporting Period for the Company

The Company's main revenue is insurance and reinsurance premiums. Its major expenses arise from claims losses. For the years ended December 31, 2023 and 2022, the Company realized a Property and Casualty ("P&C") combined ratio of 89.7% and 94.1% respectively. These results include natural catastrophe ("Nat Cat") pre-tax losses net of reinsurance and reinstatement premiums of \$894.13 million and \$1,369.25 million or 4.65 and 6.97 natural catastrophe ratio points for the years ended December 31, 2023 and 2022, respectively. The Company also realized favorable results from prior year activity of \$45.56 million and \$161.82 million during the years ended December 31, 2023 and 2022, respectively. The P&C combined ratio, excluding the impact of the Nat Cat and PYD, was 85.4% and 88.4% for the years ended December 31, 2023 and 2022, respectively.

<i>(U.S. dollars in thousands)</i>	2023	2022
Pre-Tax Expense Type		Restated (1)
Insurance service expenses	15,401,070	18,263,350
Net expenses from reinsurance contracts held	2,292,681	759,495
Net finance income or expenses from insurance contracts issued	611,249	705,869
Net finance income or expenses from reinsurance contracts held	(164,466)	(270,123)
Other income and expenses	293,459	363,441
Amortization of Intangible Assets	1,250	—
TOTAL	18,435,243	19,822,032

Note:

(1) Prior year numbers restated as result of the adoption of IFRS 17.

A.8. Other Material Information

A.8.1. Other Material Information for the Company

Since AXA SA's ("AXA") acquisition of XL Group Ltd (and together with its subsidiaries, the "XL Group") on September 12, 2018, the Company has been an indirect, wholly-owned subsidiary of AXA and is a member of AXA XL, the P&C and specialty risk division of the AXA Group.

For the years ended December 31, 2023 and 2022, the Company has calculated its Enhanced Capital Requirement ("ECR") using the Bermuda Solvency Capital Requirement ("BSCR") standard formula. The results of XL Group (now AXA XL division) are consolidated in the AXA Group consolidated financial statements, which are prepared in accordance with International Financial Reporting Standards ("IFRS").

The following lists material subsidiary closures and transfers during 2023:

- The Company's indirect subsidiary, XL Reinsurance America Inc., is now owned by AXA XL Reinsurance Ltd, effective as of June 30, 2023;
- The Company's indirect subsidiary, AXA Insurance Company, has merged into Colisuem Reinsurance Company, effective as of October 23, 2023;
- The Company's subsidiary, Catlin (North American) Holdings Ltd ("CNAHL") was placed into liquidation on December 13, 2023; and in connection therewith, the following subsidiaries of CNAHL were transferred to the Company, effective as of December 13, 2023: AXA XL Life Syndicate Limited (formerly Catlin (One) Limited), AXA XL Underwriting Agencies Limited, and AXA XL Syndicate Limited;
- The Company's indirect subsidiary, Seaview Re Ltd, has been dissolved, effective as of December 22, 2023;
- The Company's subsidiary, XL Value Offshore LLC, was dissolved on December 27, 2023.
- Section "A.5. Group structure" refers to the Group structure, which is included as Appendix 1 - AXA XL Group Structure Chart - December 31, 2023.

Implementation of International Financial Reporting Standards (IFRS) 17 and 9

The Company implemented both IFRS 17 and 9 effective January 1, 2023 and consequently the quarterly and annual statutory financial returns incorporate the IFRS 17 and 9 standards. The BSCR encompasses an Economic Balance Sheet ("EBS") which is the basis for calculating the Required Capital. The BMA indicated this requirement will not change and hence, IFRS 17 did not have an impact on the Enhanced Capital Requirement ("ECR") calculation.

Bermuda Corporate Income Tax

On December 27, 2023, the Government of Bermuda enacted the Corporate Income Tax Act 2023 ("the Act"), which will apply a 15% corporate income tax to certain Bermuda businesses in fiscal years beginning on or after January 1, 2025. The Company expects to be subject to this corporate income tax starting for the 2025 fiscal year. The Act includes a provision for an opening tax loss carry forward which is intended to provide a fair and equitable transition into the tax regime. Pursuant to this legislation, the Company recorded a \$192 million deferred tax asset in the fourth quarter of 2023, for the projected tax loss carry forward and temporary timing differences, which will be available to utilize against future taxable earnings of the Bermuda business.

The Bermuda income tax was introduced in response to international tax reform released by the Organization for Economic Cooperation and Development ("OECD"), known as Pillar Two, which aims to ensure that an effective taxation of 15% is achieved in each jurisdiction where multinational groups operate. This OECD tax reform will be effective in France, where the AXA Group head office is located, starting for the 2024 fiscal year. As a result, AXA Group will determine the effective tax rate based on Pillar Two rules in each jurisdiction where it operates, and, if this rate is lower than the minimum 15% rate, an additional tax liability will be payable.

Pursuant to guidance issued by the BMA, the deferred tax asset was excluded from the Bermuda Capital and Solvency Return, including the Statutory Financial Statements and Economic Balance Sheet for the year ended December 31, 2023. The Authority expects to issue further guidance once it has completed its assessment on the implications of the Act and before it becomes effective on January 1, 2025.

Increase in Investment Portfolio

The investment portfolio increased \$3.2 billion in 2023 mainly due to reinvested investment income of \$1.3 billion, as well as a mark to market increase of \$1.4 billion driven by decreasing interest rates and tightening of credit spreads. In addition, foreign exchange ("FX") of non-USD denominated assets resulted in a positive impact of \$0.6

billion. A further \$0.9 billion from positive cashflows from operations, offset by cash outflows for capital remittance to the parent company, XL Group Ltd, of \$1.0 billion.

Despite periods of elevated market volatility, the fixed income portfolio remains well diversified and of high quality with an average credit rating of A+. Over the course of the year, volatility in interest rates presented opportunities to enhance future investment earnings by reinvesting at higher market yields.

See additional information in Section A.7.1. Breakdown of Investments for the Reporting Period for the Company.

Other Material Activities

For the year ended December 31, 2023, there is no other material information regarding business and performance required to be disclosed for purposes of this FCR.

B. Governance Structure

This section provides particulars of corporate governance, risk management and solvency self-assessment frameworks.

B.1. Board and Senior Executive

B.1.1. Structure of the Board and Senior Executive, Roles, Responsibilities and Segregation of Responsibilities

Directors of the Company

The Board of Directors of the Company (the “XLB Board”) oversees the effective management of the Company’s business and affairs and is responsible for the maintenance of an effective corporate governance framework. The XLB Board is elected annually and as at December 31, 2023, consisted of the following six directors, of which Scott Gunter, Nancy Bewlay and Patrick Tannock are each senior executives of the Company, AXA XL or another member of the AXA Group.

Directors*

- Scott Gunter
- Doina Palici-Chehab
- Jacques de Peretti
- William Pollett
- Nancy Bewlay
- Alessandra Quane
- Patrick Tannock (Alternate director to All directors)

* All directors were on the XLB Board from January 1, 2023 through December 31, 2023.

XLB Executive Committee

The XLB Board has established a committee of senior executives of the Company representing key functions (e.g., insurance, reinsurance, legal, compliance and regulatory affairs, risk management, finance, and human resources) (the “XLB Executive Committee”).

The XLB Executive Committee assists the XLB Board with its oversight responsibilities. Specifically, the principal objectives of the XLB Executive Committee are to:

- Assist with the implementation of the approved XLB and AXA XL business plans;
- Execute necessary actions required of XLB under applicable legal and regulatory regimes;
- Review, consider, and if deemed appropriate, approve certain ordinary course transactions to be entered into by XLB;
- Assist with the implementation of directives from the XLB Board and the oversight of XLB’s compliance with AXA XL and AXA Group strategy; and
- Promote the AXA Group’s and AXA XL’s interests within the Bermuda (re)insurance market and wider Bermuda business community.

On a quarterly basis, the XLB Executive Committee provides reports to the Board that: (i) detail any material issues or matters that have arisen with the Company and any of its subsidiaries; and (ii) summarize any matters approved by the XLB Executive Committee pertaining to the Company.

The XLB Executive Committee Members as at December 31, 2023 are listed below.

XLB Executive Committee Members

- Patrick Tannock – Chief Executive Officer, Bermuda Insurance
- Collin Dill – Head of Finance, Bermuda Insurance, Financial Reporting and Accounting

- Leila Madeiros – Head of Compliance and Regulatory Affairs, Bermuda and Money Laundering Reporting Officer
- Carla Whitehurst – Secretary of XL Bermuda Ltd and Head of Legal, Bermuda
- Mandy White – Head of Human Resources, Bermuda
- Simon Argent – Head of Financial Risk and Chief Risk Officer Bermuda

B.1.2. Executive/Employee Compensation

Director Compensation

With the exception of Scott Gunter, Nancy Bewlay and Patrick Tannock, directors of the Company are separately compensated for their roles on the XLB Board.

Executive Compensation

The Company has a Remuneration Policy in place, the purpose of which is to outline how the Company, and the AXA XL Division in general, ensures that the setting of remuneration is appropriate and transparent and promotes sound and effective risk management within approved risk tolerance limits. The Remuneration Policy contains a multi-tiered governance and compliance structure including oversight at the AXA Group, AXA XL and Company levels. Together, the AXA Group and AXA XL Remuneration Policies are designed to support AXA Group and AXA XL's long-term business strategy and to align the interests of its employees and other stakeholders, by:

- Establishing a clear link between performance and remuneration over the short, medium and long term;
- Ensuring that the Company can offer competitive compensation arrangements across the multiple markets in which it operates while avoiding potential conflicts of interest that may lead to undue risk taking for short-term gain; and
- Ensuring compliance with Solvency II regulations and any other applicable regulatory requirements wherever required.

AXA XL's Remuneration Policy follows four main guiding principles:

- Competitiveness and market consistency of the remuneration practices;
- Fairness, based on individual and collective performance in order to ensure remuneration is reflecting employee's individual quantitative and qualitative achievements and impact;
- Internal equity based on remuneration policies and procedures designed to ensure that employees are paid equitably based on criteria such as role, experience, education, skills, contribution or impact only; and do not discriminate on the basis of gender or other factors; and
- Achievement of AXA Group and AXA XL's overall financial and operational objectives over the short, medium and long-term as well as execution against medium and long-term strategic objectives as a prerequisite to fund any mid-to long-term award.

The Company ensures an appropriate balance between fixed and variable components of remuneration where the fixed component represents a sufficiently high proportion of the total remuneration to avoid employees being overly dependent on the variable components. AXA XL adheres to a clear distinction between the criteria used for setting fixed and variable remuneration.

The balance of fixed and variable compensation is consistent with competitive market practice in the insurance industry. Variable pay for colleagues in independent control functions is not aligned with the performance of the businesses they oversee and is designed to avoid conflicts of interest while appropriately balancing risk and reward.

An overview of the arrangements that are in place are as follows:

- **Fixed Remuneration** - The fixed component is comprised of base salary and any other fixed allowances. Fixed remuneration primarily reflects the relevant organizational responsibility, professional experience, technical and leadership skills required of the role, criticality or scarcity of skills as well as the individual's capability to sustainably perform the duties of the role;
- **Short Term Incentives** - Individual bonus awards are determined based on an assessment of both business and individual performance. Business performance is linked to key performance indicators established at the beginning of the year. Individual performance is assessed through a robust performance management

process. Staff have a bonus target amount expressed as a percentage of base pay. Individual bonuses are not guaranteed, and pay-outs are capped at 200% of individual target, which prevents employees from taking excessive risks to obtain an excessive pay-out; and

- **Long-Term Incentive Plan** - Long-term incentive awards are reserved for those who perform at a high level, recognize the recipient's anticipated future contributions, and take relative and absolute performance, individual potential, and unique skills into consideration. Grants of long-term incentives are based on the criticality of the job within the organization, the criticality of the individual in the current job and potential for the future, and the sustainability of the individual contribution.

B.1.3. Pension or Early Retirement Schemes for Members, Board and Senior Employees

The Company's remuneration program does not include any supplementary pension or early retirement schemes for its non-executive directors or its senior executives.

B.1.4. Shareholder Controllers, Persons who Exercise Significant Influence, the Board or Senior Executive Material Transactions

In addition to distributions paid to the Company's shareholder, XL Group Ltd ("XLG") during 2023, the following material transactions of XLG occurred in 2023:

- As a result of the merger with XLIT Ltd. in 2021, XLG was the issuer of \$500,000,000, 5.500% Subordinated Notes due 2045, with an outstanding principal amount of \$483,305,000 ("Notes"). The Board of Directors of XLG passed a resolution to invite the holders to sell their Notes to XLG.
- Prior to the purchase of the Subordinated Notes, the Company paid a distribution of \$230 million to XLG.
- XLG established a new direct subsidiary on July 21, 2023, Digital Commercial Platform, Inc., to provide a digital commercial platform for providing smart services, and orchestrating data and services from providers to support internal AXA XL users and external customers to better understand, monitor, prevent and react to risks and events.

B.2. Fitness and Propriety Requirements

B.2.1. Fit and Proper Process in Assessing the Board and Senior Executive

AXA XL recognizes that the legal entities within AXA XL that engage in (re)insurance business, such as the Company, benefit from the fit and proper processes that are in place at the AXA XL divisional level. However, these entities also have a responsibility to ensure that they have adequate risk management processes in place and are therefore expected to implement fit and proper processes that meet the standards set out in this Fit and Proper Policy in a proportionate manner and in accordance with applicable law or regulation.

Board of Directors: Fit and Proper Assessment

The process for assessing the skills and characteristics for new candidates, and for the Board as a whole on an annual basis, will include consideration of the following criteria:

- personal qualities and characteristics, including business judgement, integrity, high standards of ethical conduct and distinction in their chosen fields of endeavors;
- diversity of viewpoints, skills, experience, background, orientations and other demographics in the context of the needs of the Board; and
- such other attributes and external factors deemed appropriate.

Executive: Fit and Proper Assessment

The fit and proper assessment of a person shall include:

- an assessment of that person's professional and formal qualification, knowledge and relevant experience within the insurance sector, other financial sectors or other business and shall take into account the respective duties allocated to that person and, where relevant, the insurance, financial, accounting, actuarial and management skills of the person
- an assessment of that person's honesty and financial soundness based on evidence regarding their character, personal behavior and business conduct including any criminal, financial and supervisory aspects relevant for the purposes of the assessment.

Additionally, the Company maintains a standard recruitment process to assist in the assessment of whether candidates for executive positions are fit and proper. The recruitment process includes:

- i. ensuring that job specifications adequately reflect the position being recruited and appropriately identifies the necessary skills and qualifications required for the position,
- ii. contacting local recruitment agencies/executive search firms and establishing broad and informal panels of agencies for particular areas of expertise to ensure that the most appropriate matching can take place, and
- iii. undertaking, on an outsourced basis, a series of checks in relation to the candidate after the offer has been communicated to them and the satisfactory completion of detailed relevant background checks.

B.2.2. Board and Senior Executives' Professional Qualifications, Skills, and Expertise

XLB Board of Directors* :

As of December 31, 2023 the following persons were appointed as the Directors of the Company:

- Scott Gunter
- Doina Palici-Chehab
- Jacques de Peretti
- Nancy Bewlay
- William Pollett
- Alessandra Quane
- C. Scott Gunter: Mr. C. Scott Gunter was appointed Chief Executive Officer at AXA XL, the property and casualty (P&C) and specialty risk division of AXA on March 1, 2020. He sits on AXA's Management Committee, reporting to Thomas Buberl, CEO of AXA. Mr. Gunter has over 35 years of insurance industry experience. He joined Chubb in 1986 as an underwriting trainee and progressively advanced through this company holding senior positions including Senior Vice President and Chief Underwriting Officer of Chubb Commercial Insurance. In 2017, Mr. Gunter was appointed Senior Vice President, Chubb Group and Division President, Chubb Commercial Insurance North America, a position he held until December 2019. Mr. Gunter has an Honors Bachelor of Administration degree from Wilfrid Laurier University (Ontario, Canada) and an executive management certificate from Queen's University.
- Doina Palici-Chehab: Mrs. Doina Palici-Chehab was appointed a director of the Company on April 26, 2019. She is a graduate of the University of Bucharest (Romania) (Magister Artium) and of the Deutsche Versicherungsakademie of Munich (Germany) (Degree in insurance management (Versicherungsbetriebswirt (DVA))). She joined the AXA Group as Reinsurance Director of AXA Germany (Germany) in 1990, moved to AXA in France in 2000 where she became Head of Group Reinsurance of AXA Global P&C in Paris (France). Between 2010 and 2018 she held Chief Executive Officer positions within multiple AXA entities in Asia. She assumed the role of Chief Integration Officer following the acquisition of the XL Group. She has served on multiple AXA and AXA XL boards including the AXA SA board as the representative of shareholders employees, XL Re Europe SE and Catlin Re Switzerland Ltd. From February 2020 until her retirement on January 1, 2022 she assumed the role of Senior Advisor to the CEO of AXA. She currently serves on the board of AXA Konzern (Germany), the Company, XL Group Ltd, and XL Insurance Company SE.
- Jacques de Peretti: Mr. Jacques de Peretti is a graduate of Ecole Polytechnique of Paris, Ecole Nationale Supérieure d'Aéronautique et de l'Espace of Toulouse (France), and the Institut d'Etudes Politiques of Toulouse (France). He holds a Master of Sciences from Stanford University (United States) and a post graduate degree in actuarial sciences from the Institut des Actuaire Français. Mr. de Peretti joined the AXA Group in 1996. He managed different AXA France regions, before joining the AXA France Executive Committee in 2001 and held the position of Chief Executive Officer of AXA Courtage in 2001, AXA Entreprises in 2003, and AXA Particuliers/Professionnels in 2009. From 2015 to June 2016, he was Chairman & Chief Executive Officer of AXA Japan. From July 2016 to April 2021, he was Chairman & Chief Executive Officer of AXA France. From May 2021 to January 2023, Mr. de Peretti was Senior Advisor to the CEO of AXA Group. He has served on AXA Group's Executive and Management Committees. Since January 2023, he serves as a non-executive chairman and director of various boards of AXA entities.
- William Pollett: In addition to serving as an independent and non-executive director of the Company, Mr. Pollett serves as non-executive director of other Bermuda companies including Athora Life Re Ltd, White Rock Bermuda Ltd, Utmost Bermuda Ltd and various Swiss Re Funds. Before his retirement, William was Chief Executive Officer of Blue Capital Group and, consecutively, Chief Corporate Development and Strategy Officer and Treasurer of Montpellier Reinsurance Holdings Ltd. Mr. Pollett left Blue Capital and Montpellier following its acquisition by Endurance Specialty Holdings Ltd in August 2015. Prior to joining Montpellier in 2006, Mr. Pollett was at the ACE Group (now Chubb) for five years, initially as Chief Financial Officer of ACE

Tempest Re and then as Senior Vice President of ACE Limited. Prior to the ACE Group, Mr. Pollett was at the OIL Group for seven years, latterly as Treasurer and, prior to that, was an auditor with Coopers & Lybrand in London and Bermuda for five years. He holds a Bachelor of Commerce (Honours) degree from Edinburgh University, and is a Chartered Accountant, a Chartered Financial Analyst and a Member of the Institute of Directors.

- **Alessandra (Alessa) Quane:** Ms. Alessa Quane was appointed an independent non-executive director of the Company on January 1, 2022. Ms. Quane recently joined Oscar Health as Executive Vice President, Chief Insurance Officer. Ms. Quane has extensive experience in both the domestic and international insurance markets through her nearly 25 year career at AIG through global roles in Enterprise Risk Management and Actuarial. She served as Executive Vice President, Chief Risk Officer for AIG as well as AIG Chief Corporate Actuary, Head of Global Actuarial and Value Management, and Chief Risk Officer of AIG Property Casualty during her tenure. Prior to her corporate roles, she spent 13 years overseas with AIG focused on the UK, European and Central Europe P&C businesses. Ms. Quane began her career at Allstate focused on non-standard auto pricing and research. She is a Fellow of the Casualty Actuarial Society, a member of the American Academy of Actuaries, and an affiliate member of the Institute of Actuaries. She has a Bachelor of Science degree in Business Administration with a major in Actuarial Science from Drake University.
- **Nancy Bewlay:** Ms. Nancy Bewlay was recently appointed as Group Chief Underwriting Officer, AXA Group and as member of AXA Group's Management Committee. She resigned in 2023 from her role as Chief Executive of AXA XL's Global Reinsurance operations and as a member of AXA XL's Leadership Team. From 2020 until March 2022, she served as the Global Chief Underwriting Officer ("GCUO"), for AXA XL's insurance operations and was responsible for AXA XL's underwriting governance, pricing, and P&L globally. Prior to serving as GCUO, she served as Chief Underwriting Officer for AXA XL's Long Tail insurance line and for Casualty. Before joining AXA XL, she served as Swiss Re's Head of Underwriting for Casualty. Prior to joining Swiss Re, she served as President & Chief Executive Officer of C.V. Starr & Company (California) among other roles. She has a B.A. in Psychology from the Catholic University of America.

* All directors were on the XLB Board from January 1, 2023 through December 31, 2023.

XLB Senior Executives:

- **Patrick Tannock:** Mr. Patrick Tannock, Chief Executive Officer, Insurance for the Company has over 30 years of experience in the international insurance and reinsurance industry. Prior to his current position he served as EVP of ACE Bermuda, as well as CUO and Director of CODA, the company's specialist directors & officers subsidiary. Mr. Tannock has also held executive brokerage positions with Marsh & McLennan Bermuda. Mr. Tannock is currently Chairman of the Association of Bermuda International Companies. Mr. Tannock holds a Bachelor of Science in Business Administration with a double major in Insurance and Finance from the University of Hartford.
- **Collin Dill:** Mr. Collin Dill was appointed the Head of Finance, Bermuda Insurance on June 1, 2021. Prior to that he held the position as the Head of Finance Controllershship for AXA's Canada operations. He joined AXA XL in 2003 and has over 20 years of experience in the Insurance industry. Mr. Dill initially joined the AXA XL Corporate Finance team and has held progressively senior roles within the Company. Prior to moving to Canada, Mr. Dill held the position as VP Financial Controller of XL Insurance Bermuda Ltd for seven years. Mr. Dill holds a Bachelor of Commerce degree from Mt. Allison University in New Brunswick, Canada and is a qualified accountant (CPA CA).
- **Simon Argent:** Mr. Simon Argent was appointed Head of Financial Risk Management and Chief Risk Officer – Bermuda on February 1, 2019. Prior to that he held the position of Senior Vice President, Head of Credit Risk Management for XL Catlin. He joined AXA XL in 2004 and has 30+ years of insurance/reinsurance industry experience. Before joining AXA XL, Mr. Argent spent 12 years in senior risk management, underwriting and account executive positions with Kingsway Financial Services and General Reinsurance. Prior to this he held underwriting positions with Progressive Casualty Insurance and Safeco Insurance. Mr. Argent is a Chartered Financial Analyst and holds an MBA from the Schulich School of Business in Toronto along with professional designations from the Insurance Institutes of Canada and America.
- **Leila Madeiros:** Ms. Leila Madeiros was appointed Head of Compliance and Regulatory Affairs-Bermuda on April 23, 2018. She joined AXA XL in April 2018. She has more than 30 years of experience in the (re)insurance industry. Prior to joining AXA XL, Ms. Madeiros was the Senior Vice President, Deputy Director and Corporate Secretary of the Association of Bermuda Insurers and Reinsurers (ABIR). She also served on the staff of the BMA as the Deputy Director of Policy, Research and Communications directing the formulation and dissemination of appropriate policies, strategies and information for the BMA. Ms. Madeiros also served in various capacities as a Bermuda insurance regulator with the Registrar of Companies Department (prior to 2002, the agency charged with insurance supervision). Ms. Madeiros developed her insurance expertise working at Heddington Insurance Limited in Hamilton and London before becoming an insurance regulator.
- **Carla Whitehurst:** Mrs. Carla Whitehurst was appointed SVP, Head of Legal Bermuda on March 6, 2020. Mrs. Carla Whitehurst is an attorney licensed to practice law in Bermuda, Maryland, and Jamaica. She has over 22

years of experience as in-house counsel at (re)insurance companies in Bermuda. She currently is SVP, Head of Legal, Bermuda at AXA XL Bermuda offices, having been with the company since 2015. Prior to that she was at Markel Bermuda Ltd for 10 years as VP Senior Legal Counsel, and before that she worked at Oil Insurance Limited and also at Commercial Risk Reinsurance. Her broad experience ranges from insurance and reinsurance law, claims supervision, and corporate governance to general company law. She has also been active in a number of local Bermuda initiatives for the youth, including serving on the Board of Trustees of the Bermuda Foundation for Insurance Studies and providing reading Mentorship for YouthNet as well as The Reading Clinic. Mrs. Whitehurst holds a Bachelor of Science degree in Chemistry from Howard University in Washington DC, and a Juris Doctorate degree from the University of Maryland School of Law, Maryland.

- **Mandy White:** Ms. Mandy White was appointed Human Resources Business Partner, Bermuda on October 14, 2019. Prior to assuming her role at AXA XL, she held the position of Senior Vice President, Human Resources for Tokio Millennium Re Ltd. Ms. White has over 20 years of Human Resource Experience. She holds a Senior Professional Human Resources (SPHR) designation from the HR Certification Institute and a M.A. Human Resources Development and Business Management from Webster University.
- **Mark Twite:** Mr. Mark Twite was appointed Chief Executive Officer, Reinsurance for the Bermuda region of AXA XL Global Reinsurance operation on October 3, 2022. During his tenure at AXA XL, he has held a number of senior roles including Head of Assumed Reinsurance Finance, Head of Strategic Business Finance and Chief Financial Officer, Reinsurance between 2017-2022. Between 2009-2015, Mr. Twite held multiple Chief Financial Officer positions within XL and Catlin. Prior to joining XL, he was Financial Controller of Liberty Syndicates (Lloyd's of London operation of the Liberty Mutual Group). Mr. Twite qualified from Deloitte & Touche in 1998 while working in their London Insurance practice. Mr. Twite is a Fellow of the ICA in England & Wales and holds a Bachelor of Science Degree in Economics from the London School of Economics. He has worked 30 years in (Re)Insurance, including 19 years with AXA XL.
- **Joseph Tedesco:** Mr. Joseph Tedesco, Jr. is the Global Head of Tax for AXA XL, based in Hartford, CT. In this role he leads the worldwide tax function of AXA XL, which includes tax policy development and advocacy, tax compliance/reporting, tax risk management, M&A, tax planning and business partnering. He has over 30 years of P&C insurance industry experience, working for both domestic and foreign owned companies. He is a member and former chairman of the AIA and RAA Tax Committees and is active in lobbying for insurance industry tax issues. Prior to joining XL in 2007, Mr. Tedesco worked for The Hartford for 20 years, holding a number of tax positions, departing as the Head of the Tax Planning function. Mr. Tedesco graduated from Providence College with a BS in Accounting. He earned his CPA while working for Price Waterhouse earlier in his career where his client base included banks, real estate partnerships, insurance companies and manufacturers.

B.3. Risk Management and Solvency Self-Assessment

B.3.1. Risk Management Process and Procedures to Effectively Identify, Measure, Manage and Report on Risk Exposures

The Company faces strategic, financial and operational risks related to, among others: underwriting activities, changing macroeconomic conditions, investments, reserving, changes in laws or regulations, information systems, business interruption and fraud. An enterprise view of risk is required to identify and manage the consequences of these common risks and risk drivers on the Company's profitability, capital strength and liquidity. This is managed by the RM function, an integrated part of all business processes, who define and deploy the Risk Management Framework ("RMF").

The Company's RMF consists of a set of risk policies and standards. These are reviewed and approved by the XLB Board, at least annually. The RMF would be reviewed more regularly if the Company was subject to a major change in regulatory requirements, strategy or organizational structure.

The aim of the RMF is to:

- Support business objectives and strategy.
- Provide management information to facilitate the identification and understanding of material risks including related mitigants.
- Contribute to the Company's overall Internal Control Framework by helping to manage the inherent complexity within the business.
- Maintain the desired credit rating which is applicable to the Company.
- Support regulatory risk management requirements.

The XLB Board meets regularly and oversees the implementation and embedding of the RMF and monitoring of Company performance against risk appetite. The XLB Board also has responsibility for capital monitoring. The XLB Board ensures that material and emerging risks are identified and reported and that appropriate arrangements are in place to manage and mitigate those risks effectively. The Company's stress testing framework and outputs are reviewed by the XLB Board and support understanding of the risk profile.

AXA XL and the Company are required by AXA Group to comply with AXA Group policies and standards. The AXA Group Standards form part of the overall risk management framework including Compliance, Internal Audit, Internal Control and Risk Management. AXA Group Standards have specifically identified Divisional and Company standard owners. The Group Solvency II Policies have been implemented and adapted to AXA XL specificities as described in the AXA XL Solvency II Policies. These policies are also implemented at legal entity level with local addendums. The Solvency II Policies implement AXA's risk strategy, facilitate control mechanisms and consider the nature, scope and time horizon of the business and the associated risks.

The AXA Standards include Risk Management Second Opinions, the Internal Control Framework and the Risk Appetite Framework which are outlined below.

Risk Management Second Opinions

The AXA Standards require Risk Management to provide formal "Second Opinions" in certain key areas of risk to ensure that the viewpoint of Risk is formally documented within any related concerns and mitigation plans. The "Second Opinions" are provided by Risk Management "Centers of Excellence" at the Divisional level and cover the following areas:

- New products and loss-making portfolios.
- Reserves.
- New investments and changes to the Strategic Asset Allocation ("SAA").
- Strategic business plan.
- Reinsurance program.
- Major projects.
- Mergers & Acquisitions ("M&A") and Greenfield transactions.

Internal Control Framework

The AXA XL Internal Control team, within the Risk Management ("RM") function, manages the AXA Internal Control Framework at AXA XL divisional level and monitors the overall system of controls, covering all AXA XL departments and processes, ensuring all controls are performed. The AXA Internal Control Framework provides a robust and effective approach by:

- Implementing a risk-based approach to focus on risks that really matter.
- Promoting management accountability for controls.
- Introducing a common set of tools and techniques to be consistently used across the Group.
- Improving coordination between the different control functions.

The implementation of the AXA XL framework was finalized in 2021, with a total of 30 macro-processes for AXA XL that constitute the AXA XL value chain for insurance and reinsurance business. For each macro-process, key risks are defined and for each key risk, control objectives are defined to cover them. For each control objective, controls are designed and operated locally to efficiently meet control objectives and mitigate the related key risk.

The AXA XL Internal Control team is also responsible for the Internal Financial Control framework, looking at key controls around financial reporting and Solvency II across the Division. This framework has been in place at AXA XL for many years and provides reasonable assurance to legal entities within the Division that financial reporting is reliable and compliant with applicable laws and regulations and provides comfort over the completeness, accuracy and appropriateness of data.

Risk Appetite Framework ("RAF")

The Company's RAF is a key dimension of the risk management strategy and mirrors the AXA Group RAF. The RAF distinguishes between 'Risk Appetite Statements' which apply to multiple risk types, and 'Risk Appetite Exposures' which apply to single risk types. In addition, there exists the potential for additional 'Risk Indicators' which are not explicitly specified in the scope of the RAF but are identified as required by the Company. The RAF is used to

provide governance for setting new monitoring requirements, as well as reviewing and updating existing risk appetite statements, tolerances and limits, so that these are aligned with business and risk management strategies. The Company's RAF focuses on regulatory capital at risk, tolerances to risks from material individual events (e.g., natural catastrophes and realistic disaster scenarios that cross multiple lines of business, etc.), liquidity standards, tolerance to specific investment related risks and operational risk. The XLB Board approved risk appetites and risk tolerances were reviewed during the 2024 business planning process, and it was determined that all statements and tolerances were appropriate to allow the Company to execute the 2024 business plan.

Risk Management Strategy

The risk management strategy is overseen by the XLB Board and supports the delivery of the overall business strategy. To support the XLB Board, the RM function oversees more detailed risk management activity and monitoring against the XLB Board approved risk appetites.

The risk management strategy is to ensure that risk implications, as well as reward, are considered in both setting and implementing the Company's strategic and business objectives, and risks associated with the strategic direction of the business are appropriately monitored. The strategy is articulated in the risk policies and is achieved by incorporating risk processes, information and decisions in the day to day running of the business.

The Company's strategy involves taking on risk in order to generate return. Risks are selected and controlled or traded off through the risk strategy that focuses on:

- Retaining risk within an approved risk appetite that is consistent with the Company's strategic objectives while maintaining appropriate levels of capital.
- A diversified portfolio of underwriting and financial markets risks.
- Managing excessive aggregation risk via a limit framework.
- Exercising consistency and transparency of risk management and control across the Company.
- Risk mitigation on key underwriting and financial market risks to protect capital from the impact of extreme events; and
- Risk reporting to the XLB Board and other stakeholders (e.g., regulators).

The risk management strategy and risk appetite frameworks are supported by the following:

- **Risk Governance** - a clear and cost-effective organizational structure for risk management, including clear roles and responsibilities. The Company operates a 'Three Lines of Defense' governance structure, at a functional level and at a management committee level.
- **Risk Definition and Categorization** - provides a common taxonomy and language for risk to allow for categorization of all risks in a way which facilitates links between the business and risk management processes.
- **Risk Cycle and Processes** - the approach taken to top down, bottom up and process led risk identification, quantification and management and control.
- **Risk Management Information and Reporting, including Commercial Insurer Solvency Self-Assessment ("CISSA") Production** - ensuring timely and accurate information is reviewed in line with the governance structure.
- **Risk-Based Decision Making** - the results of the CISSA and the insights gained in the CISSA process are considered for a range of business decisions.
- **Skills, Resources and Risk Culture; Organizational Learning; Change Management Governance** - all enable a mature risk culture throughout the Company.

Risk Reporting

A risk dashboard is presented on a regular basis to the XLB Board. The dashboard measures the status against risk appetite statements and the associated monitoring of triggers and limits using the latest output from the business and the BSCR. The dashboard includes information related to the monitoring of all the Company's material risk categories.

The Risk Management and Appetite Framework remains appropriate for 2024.

B.3.2. Risk Management and Solvency Self-Assessment Systems Implementation

The CISSA process includes all material risks, processes and procedures employed to identify, assess, monitor, manage, and report the short and long term risks the Company faces or may face and to determine the own funds necessary to ensure that the Company's overall solvency needs are met at all times.

The Regulatory Capital Requirement is derived using the BSCR standard formula. The results are presented to the XLB Board to provide richer insights on risk exposures, and to inform and drive risk and capital-based decision making.

The processes for the CISSA and production of the CISSA Report are tailored to fit into the Company's organizational structures in a proportionate manner with techniques to assess the overall solvency needs and taking into consideration the nature, scale and complexity of the risks inherent to the business.

The risk management cycle is set for key aspects of the risk management process that are deemed to be part of the CISSA process and that will support the production of the Company's CISSA Report. The CISSA process includes procedures that enable the Company to monitor its compliance with its risk appetites, risk limits, economic capital and regulatory capital requirements whilst considering potential future changes in the risk profile and considering stressed situations.

B.3.3. Relationship between the Solvency Self- Assessment, Solvency Needs, and Capital and Risk Management Systems

The Company's RMF is designed to be comprehensive and to provide a sound basis for the set of risk appetites, and the capacity to identify, manage and report on key risks facing the Company on a timely basis. From this, the Company's risk profile can be managed in line with its XLB Board approved limit and risk appetite framework.

The Company uses the BSCR to calculate the required capital to support its business plans on the basis of risks facing the business. The Company also maintains its own internal model which is used to determine its contribution to the AXA Group consolidated solvency position and to inform portfolio shaping decisions and return metrics.

B.3.4. Solvency Self-Assessment Approval Process

An overview of the minimum roles and responsibilities required for the CISSA process and the CISSA Report are set out below.

XLB BOARD

With respect to the responsibilities relating to RM, the XLB Board:

- Oversees RM activities, including the risk management framework employed by management. With respect to the overall risk management framework, the XLB Board (i) reviews the methodology for establishing overall risk capacity; (ii) reviews the policies for the establishment of risk limit frameworks, and adherence to such limits; and (iii) reviews and approves the Company's risk limits.
- Oversees the compliance with any significant enterprise risk limits, authorities and policies. The Board evaluates what actions to take with respect to such limits, authorities and policies, and approves any exceptions thereto from time to time as necessary.
- Reviews the overall risk profile and monitors key risks to the Company.
- Monitors the risk management performance and obtains reasonable assurance from management that the Company's risk management policies are effective and are being adhered to.

The review of the overall risk appetites and the evaluation of the risk impact of any material strategic decision being contemplated, including consideration of whether such strategic decision is within the risk profile established, is conducted by the XLB Board. Risk appetites, as referred to above, are broad statements used to guide risk and reward preferences over time, all consistent with, among other factors, business prudence, market opportunities, the underwriting pricing cycle and the investment climate. Risk appetites are regularly monitored and can change over time considering the above.

The XLB Board shall, as appropriate, be briefed on the outcomes of key elements of the CISSA process and shall:

- Review and challenge outputs of the CISSA process.
- Review and challenge the overall annual CISSA report.

Content of the CISSA report is independently reviewed to ensure its outcome is appropriately evidenced and documented.

CISSA PROCESS OWNERS

The CISSA is made up of several different processes and each of these processes has an owner. These process owners are responsible for providing the information to support the undertaking of the CISSA.

Key CISSA process owners are detailed below:

CISSA Process	Owner
Strategic Planning	Chief Executive (CEO) and Chief Financial Officer (CFO)
Solvency Position Projections	Finance and Risk Management
EOF Calculation / BSCR Calculation	Finance and Risk Management
Stress Scenarios	Finance and Risk Management
Reverse Stress Tests	Finance and Risk Management
Ad-hoc Stress Scenarios	Finance and Risk Management
Risk Appetite Setting and Monitoring	Risk Management
Liquidity Risk Reporting	Treasury and Risk Management
Own Funds Tiering	Finance
Capital Allocation	Finance
Emerging Risks	Risk Management
Strategic Risks	Risk Management
Reputation Risks	Risk Management
Regulatory Risks	Legal and Compliance Department

B.4. Internal Controls

The Company operates a 'Three Lines of Defense' approach to ensure effective and robust day-to-day governance is in place. The Operational line, or the 'First Line of Defense', starts with the employees, who are tasked with identifying and managing risk on a day-to-day basis as part of their roles. They are supported by the 'Second Line of Defense', which is made up of oversight functions - specifically Risk Management, including Internal Control, and Compliance. These functions have responsibility for overseeing and challenging day to day management, control and reporting of risks. The Risk oversight functions are independent of management and individuals with responsibility for taking on risk exposures. The Internal Audit Function provides the 'Third Line of Defense' which provides independent assessment of the effectiveness of the Company's system of internal control and reports to the Audit Committee.

The Company is also part of AXA XL's divisional Internal Control Framework which addresses internal controls across 30 macro-processes covering all AXA XL departments and processes. This includes an Internal Financial Control Framework looking at key controls around financial reporting.

B.4.1. Internal Control System

The 'Three Lines of Defense' approach which ensures effective and robust day-to-day governance is in place as described above.

The AXA XL Internal Control team, within Risk Management, is in charge of maintaining the Internal Control Framework at AXA XL and of monitoring the overall system of controls, ensuring all controls are performed effectively. A roll-out of controls is performed in all key AXA XL legal entities.

The AXA Internal Control Program was introduced in the year ended 2018 at AXA XL in order to implement a robust and effective Internal Control Framework by:

- Implementing a risk-based approach to focus on risks that really matter.
- Promoting management accountability for controls.
- Introducing a common set of tools and techniques to be consistently used across the Group; and

- Improving coordination between the different control functions.

The AXA XL Internal Control team is also responsible for the Internal Financial Control Framework, with controls in place across the Division to oversee the financial reporting controls. This framework has been in place at AXA XL for many years and provides reasonable assurance to legal entities within the Division that financial reporting is reliable and compliant with applicable laws and regulations and provides comfort over the completeness, accuracy and appropriateness of data.

Both the Internal Control Framework and the Internal Financial Control Framework are primarily designed to operate across the AXA XL Division, with output reported to legal entities. Additionally for the Internal Control Framework, legal entities have implemented bespoke controls where deemed necessary to mitigate risks within their entities.

The Internal Audit Function represents the 'Third Line of Defense', provides independent assessment of the effectiveness of the Company's system of internal control and reports to the Audit Committee.

B.4.2. Internal Control Function

The Internal Control function is committed to promote a robust Internal Control Framework, including Internal Financial Control, for the Audit Committee, executive management and external stakeholders to rely on for financial and regulatory reporting purposes.

The Internal Control's core strategic objectives include:

- Conducting an effective and efficient assessment of the design and operating effectiveness of internal controls, including controls over financial reporting.
- Identifying areas in which the inherent risk of financial misstatement is high so that management can address these risks before they manifest themselves in an actual misstatement.
- Providing executive management, the XLB Board and AXA Group reasonable assurance over AXA XL's processes, in particular on financial reporting; and
- Adding value by helping management promote a robust control environment.

The Internal Control team performs a regular assessment of the control framework which includes: risk identification, risk assessment and planning, documenting business processes, evaluation and validation of key risks, testing of controls, identification and management of issues. For the Internal Financial Control Framework, this cycle is annual and well established.

The team is also responsible for monitoring remediation plans until closure and for making regular reporting on controls results to AXA Group, to the AXA XL Audit, Risk and Compliance Committee, to the Audit Committee of key legal entities, to executive management and to external auditors and regulators.

The Internal Control Framework looks at 30 macro-processes that constitute the AXA XL value chain for insurance and reinsurance business. For each macro-process key risks are defined and for each key risk, control objectives are defined to cover them. For each control objective, controls are designed and operated locally to efficiently meet control objectives and mitigate the related key risk. AXA XL finished the implementation of the Internal Control Framework at the end of 2021 with the description of all controls in the 30 macro-processes and first round of testing performed on all controls. Starting from 2022, the AXA XL Internal Control Framework is in 'business as usual' mode and controls within the framework are tested over a 3 year rotational basis according to a test plan formalized and validated by the AXA XL Chief Risk Officer.

B.4.3. Compliance Function

The compliance function is responsible for advising the entity's management and XLB Board on compliance with applicable laws, regulations and administrative provisions adopted in accordance with the Insurance Act 1978 and other local laws and regulations, and on the impact of changes in the legal and regulatory environment applicable to the Company's operations. The function provides expertise, advice and support to various departments of the Company to assess situations and compliance matters, analyze compliance risk and contribute to design solutions to mitigate those risks to which the Company is exposed.

The compliance function has a direct reporting line to the Global Chief Compliance Officer and to regional Chief Executive Officers. The compliance function manages a wide range of compliance related matters including (i) regular reporting on significant compliance and regulatory matters to senior management and to regulators, (ii) financial crime matters (which include anti-corruption, anti-bribery, anti-money laundering programs as well as international sanctions/embargo compliance), (iii) data privacy, (iv) Employee Compliance & Ethics Guide and, (v) the monitoring of compliance and regulatory risks.

The compliance function undertakes an annual Compliance Risk Assessment to identify the most significant compliance risks to which the business is exposed. Based on this assessment, an Annual Compliance Plan is developed at the end of each year for the following year.

The compliance activities within the Company are articulated around a number of AXA Group Standards and Policies which set the minimum requirements expected to be covered by the Company. The AXA XL Code of Conduct (the "Code") contains standards and policies on significant risks affecting the compliance activities as well as the high-level control and monitoring principles to which the Company must adhere. Both the standards and policies contained in the Code (e.g. compliance governance, anti-money laundering, sanctions, anti-bribery, etc.) are mandatory. In addition, the compliance function has adapted the AXA XL requirements and developed local policies to align with the relevant laws and regulations in the jurisdiction in which the Company operates and conducts business. These local policies are reviewed on a regular basis with recommendations being made for adoption to the XLB Board or the XLB Executive Committee.

On a regular basis, the compliance function reports directly to the Audit Committee, on significant compliance matters. These include major regulatory changes that have compliance implications, results of the Compliance Risk Assessment, the Annual Compliance Plan and any other significant issues that require escalation.

B.5. Internal Audit Function

Internal Audit exists to help the XLB Board and Executive Management protect the assets, reputation, and sustainability of the organization by providing an independent and objective assurance activity designed to add value and improve the organization's operations. It helps the organization meet its objectives by bringing a systematic, disciplined approach to challenge Executive Management and evaluate the effectiveness of governance, and risk and control management.

The internal audit function has an audit charter to document its mission, independence, scope, accountabilities, responsibilities, authorities, and standards. The charter is approved by the Company's Audit Committee each year.

The Head of Internal Audit for the Company has a direct and unfettered reporting line directly to his/her respective Audit Committee Chairman.

The Head of Internal Audit functionally reports through to the Global Head of Audit who reports to the AXA Group Audit Committee Chairman.

Internal Audit annually sets up an internal audit plan of work, based on an assessment of both the inherent risks and the adequacy of controls. Its performance is formally monitored and reported to the Audit Committee.

Over the audit cycle, all applicable audit universe components for each entity are expected to be audited. Any exceptions identified are notified to the Audit Committee for ratification.

A report is issued at the conclusion of each audit assignment to the relevant senior management. The results of the audits and resolution status of internal audit issues are presented to the Audit Committee and Executive Management on a regular basis.

B.6. Actuarial Function

The Company's Actuarial Function is provided at the AXA XL level. The AXA XL's Global Chief Actuary assists the XLB Board with its oversight responsibilities and coordinates the Actuarial Function for AXA XL (the "Actuarial Function").

As required by Bermuda regulation:

- The Company's Loss Reserve Specialist (AXA XL's Global Chief Actuary) provides an Actuarial Opinion on General Business Technical Provisions (99% of the total).
- The Company's Approved Actuary (from Willis Tower Watson) provides an Actuarial Opinion on Long-Term Business Technical Provisions (1% of the total).

B.6.1. Regulatory Compliance

The Actuarial Function operates in accordance with applicable Bermuda regulation.

B.6.2. Roles and Structure

The Actuarial Function is established internally, as opposed to being outsourced to third-party service providers, and is embedded in the AXA XL's corporate governance framework. AXA XL is committed to maintaining an

effective Actuarial Function to ensure that the business is conducted in an appropriate and reasonable manner within the Company.

The responsibilities of the Actuarial Function are shared by a number of key individuals who are supported by their respective teams. These teams are of sufficient size and consist of suitably qualified and experienced people that meet the Company's minimum fitness and proper employment criteria. The teams are structured with varying lines of defense to facilitate effective peer review and independent challenge.

B.6.3. Reports of the Actuarial Function to the XLB Board and Regulators

The Actuarial Function provides expert actuarial advice to the XLB Board through formal reports and presentations.

B.6.4. Actuarial Function Responsibilities

The Actuarial Function is involved in many of the key processes across the business and provides technical expertise and assurance over the methods used. The key processes are:

- Calculating the gross and net technical provisions.
- Ensuring the appropriateness of the methodologies and underlying models used as well as the assumptions made in the calculation of technical provisions and explaining any material effect of change of data, methodologies or assumptions between valuation dates on the amount of technical provisions.
- Informing the XLB Board on the reliability and adequacy of the calculation of technical provisions.
- Ensuring an effective governance framework around the review and validation of loss reserves (including technical provisions), policyholder obligations and potential exposures, which includes:
 - i. Regular contact by reserving actuaries with underwriting and claims teams.
 - ii. Review of technical provision results by an escalating series of reviews from reserving actuaries to the AXA XL Global Chief Actuary.
 - iii. Review of technical provisions to provide sufficient independence from management; and
 - iv. Independent risk management analysis of the reserving requirements.
- Ensuring that the actuarial methods and techniques are compliant with all the appropriate regulatory requirements where applicable.
- Assisting with the underwriting process, including those surrounding pricing and design of underwriting contracts and risk transfer mechanisms where applicable and appropriate.
- Helping to maintain a competent, effective and efficient approach to pricing.
- Comparing best estimates against experience, i.e. performing analysis comparing the estimated policyholder obligations against actual policyholder obligations paid.
- Establishing and monitoring the loss ratio budget.

B.7. Outsourcing

The Company's approach to outsourcing applies to all AXA XL critical and important outsourcing arrangements. A risk-based approach is followed with criticality grids being defined by the specific type of activity being outsourced. This considers topics such as the following:

- The potential impact of a failure or issue including the ability to readily find substitutes.
- Considerations as to the type of activity being outsourced.
- Outsourcing arrangements that meet the agreed criticality criteria and are subject to governance based on the results of the criticality grids; for the most critical arrangements, visibility is provided to the 3rd Party Governance Committee (previously named "the Umbrella Outsourcing Committee").
- Other ad hoc outsourcing arrangements that the 3rd Party Governance Committee may consider as being critical to AXA XL for any financial, operational or reputational reasons.

The Outsourcing Process for all material outsourcing arrangements consists of the steps below:

Due Diligence - A thorough review of the service provider is to be performed covering Information Security, Data Privacy, Operational Resilience, Finance, Health, Legal, Compliance and Risk Management. These reviews leverage internal expert teams primarily but may also use external experts when appropriate.

Contracting and Negotiations - All critical outsourcing agreements must be undertaken using a written, legally binding agreement approved by the AXA XL Legal team in accordance with agreed minimum standards.

Regulatory Notification - The Local Outsourcing Officers will ensure that there is communication with the AXA XL Legal and/or Compliance teams during the approval process in sufficient time to enable any required prior notification to be provided to the relevant regulatory supervisory body should this be required.

Performance Monitoring - Whenever AXA XL undertakes a material outsourcing arrangement, procedures to monitor the service provider's performance and risk must be put in place. Accountability for managing the outsourcing arrangement should be assigned to a designated business owner, wherever applicable.

Exit Phase - Termination of material outsourcing agreements may only occur on the direction of the business owner. Ensure all necessary exit strategies and business continuity plans are in place, relevant information exchanges are returned or destroyed, service provider access is ceased; and in the case of early termination, if any claims or penalties against the service provider arise.

The Company is a party to an AXA XL intra-group Master Services Agreement ("MSA"), a multi-party agreement under which it is able to receive services from various entities in the AXA XL division. The services covered by the MSA are general function support services such as Finance, Legal, Tax, Compliance, Actuarial, Risk Consulting, Risk, Facilities, IT, Treasury, Marketing, Strategy and Corporate Development, HR, Claims support, and Internal Audit.

B.8. Other Material Information

Please refer to Section A.8. Other Material Information.

C. Risk Profile

C.1. Material Risks the Insurer is Exposed to during the Period

The Company has identified and categorized its material risk exposure as follows:

- Insurance Risk including underwriting and reserve risks.
- Market Risk including interest rate, credit spread, foreign exchange, and equity price risks.
- Credit Risk including the risk of default and migration.
- Liquidity Risk.
- Operational Risk.
- Other Risks including Strategic, Group, Asset Liability Matching, Reputational, Emerging and Environmental Social Governance ("ESG") Risks.

C.1.1. Insurance Risk

Insurance risk includes both underwriting and reserve risks.

Underwriting risk derives from insurance and reinsurance policies written for the current period and from unearned exposure from prior periods. The risk is that the corresponding premium will be insufficient to cover future claims and other costs or more generally that the underwriting profitability from this tranche of business will be less than expected. Underwriting risk includes man-made catastrophe events and natural catastrophe events.

Reserve risk relates to policy liabilities (corresponding to business written in prior periods where the exposure has already been earned at the opening balance sheet date) being insufficient to cover the cost of claims and associated expenses until the time horizon for the solvency assessment. Additional risks are that the timing or amounts of actual claims pay outs do not align with the timing or amounts of the estimated claims pay outs and that there are changes in the valuation of the market value margin (risk margin) during the time horizon for solvency assessment. Among the key drivers of the Company's reserve risks are inflation, correlation across lines of business, legislative and regulatory changes, loss trend movements, timing and reporting changes at underlying ceding companies, and the excess nature of exposures in certain lines including non-proportional reinsurance.

Underwriting and loss experience is reviewed regularly for, among other things, loss trends, emerging exposures, changes in the regulatory or legal environment as well as the efficacy of policy terms and conditions. Economic and social inflation continue to be a key element of uncertainty with consumer price inflation materially higher during the reporting period.

Insurance risk is identified through:

- **Business Planning** - Analysis is undertaken of the underwriting portfolio, exposures, loss experience and changes to the external environment (including market cycle and economic environment) to identify any changes to the insurance risk profile for the forthcoming period of the budget/business plan.
- **Underwriting Processes (including guidelines and escalation authorities)** - Each individual contract written is assessed, by the underwriting process (which is subject to granular underwriting guidelines and escalation authorities) for the nature and level of insurance risk that it brings to the business including consideration of the exposure by nature of the limit, the risks insured, the location of the risks and other underwriting criteria.
- **Reserving and Claims Process** - On an ongoing basis, claims trends are monitored and analyzed for any indications of change in the nature of the underlying insurance risk.
- **RM Risk Assessment Process** - Through the risk assessment processes, the Company quantifies existing risks and identifies new risks. This is reinforced by an Underwriting Risk Register which has been developed across all products in collaboration between Underwriting and RM. The register contains specific risk scenarios which may impact the performance of the individual product. These scenarios are assessed by specialists in terms of potential frequency and severity and reviewed annually.
- **Development of Realistic Disaster Scenarios ("RDS") and Other Scenarios** - Used to monitor exposure to the defined scenarios and monitor compliance with underwriting risk tolerances and limits.
- **Independent Underwriting Reviews** - Conducted on a risk-based approach by the Underwriting Governance team.

AXA XL continues to review the volatility of its Insurance Risk, particularly its exposure to Worldwide Natural Catastrophe Risk. To effectively manage this volatility AXA XL sets appetites in respect of worldwide Aggregate Exceedance Probability ("AEP") 10-Yr and 20-Yr modelled net losses. Over the reporting period, modelled net losses at these levels have seen small (<5%) increases at an AXA XL Divisional level.

C.1.2. Market Risk

Market risk represents the potential for loss due to adverse changes in the fair value of financial and other instruments. The Company is principally exposed to the following market risks:

Component	Definition
Interest Rate and Spread Risk	Financial loss or volatility of profits due to the combined sensitivity of the economic value of the investment portfolio and (re)insurance liability cash flows and debt securities issued to changes in the level or volatility of benchmark interest rates and credit spreads.
Market Risk Concentrations	Financial loss or volatility of profits due to the increased sensitivity of the market value of the investment portfolio to other risks specifically due to concentrations of investments such as in specific geographical region, industry, or company.
Foreign Exchange Risk	Financial loss due to volatility in the value of the Company's assets and liabilities following changes in currency exchange rates.
Equity Price Risk	Financial loss or volatility of profits due to the sensitivity of the value of the investment portfolio to changes in the level or in the volatility of market prices of equities.

There were no material changes in market risk exposure during the reporting period, which remained within established tolerances.

C.1.3. Credit Risk

Credit Risk is defined as the risk of loss resulting from migration and default. The Company is exposed to five sources of credit risk: (i) reinsurance counterparty risk, (ii) investment counterparty risk, (iii) premium counterparty risk, (iv) underwriting counterparty risk and (v) treasury counterparty risk. Credit risk arising from country specific exposures is captured as part of the country risk framework.

Each source of credit risk is further defined as follows:

Component	Description
Reinsurance Counterparty Risk	Risk of losses due to the default of a reinsurer or a deterioration of its credit worthiness.
Investment Counterparty Risk	Counterparty default risk is the risk of possible losses due to the unexpected default, or deterioration in the credit standing of investment counterparties.
Premium Counterparty Risk	Premium counterparty default risk is the risk of possible losses due to unexpected default, or deterioration in the credit standing of the premium debtors in relation to insurance/reinsurance contracts written.
Underwriting Counterparty Risk	Exposure to obligor credit risk default or deterioration that the Company is exposed to through certain credit sensitive underwriting activities which include Trade Credit, Commercial and Construction Surety, and Professional Lines.
Treasury Counterparty Risk	Exposure to the risk of default or to the risk of credit deterioration of counterparty banks used by the Company in its day-to-day Treasury operations (deposits, cash balance and foreign exchange transactions).

There were no material changes in credit risk exposure during the reporting period.

C.1.4. Liquidity Risk

Liquidity risk is defined as the inability to meet cash and collateral posting obligations when they come due. Liquidity risk arises from three principal areas: operating, financing and investing cash flows. The RMF addresses how the Company manages liquidity both under a normal and a stressed environment.

The Company measures and monitors liquidity risk as follows:

- An internal stressed liquidity calculation is performed quarterly across all major legal entities of the Company and over multiple time horizons, including a simultaneous shock on capital market assumptions, operating cashflows and natural catastrophes.

- The Company's liquidity ratio, as defined by the BMA, is calculated quarterly with forward-looking projections, as needed.
- A minimum Government Bond Encumbrance Ratio is monitored to ensure that there is sufficient free funding to meet short-term obligations.
- AXA XL Treasury monitors concentration risk of cash at banks, along with upcoming funding requirements.

The Company continued to have sufficient liquidity during 2023 despite the volatile interest rate environment.

C.1.5. Operational Risk

The Company defines operational risk as the risk of loss, resulting from inadequate or failed internal controls and/or processes, or from people and systems, or from external events. This includes legal risk and excludes risks arising from strategic decisions. In line with business objectives, the Company does not take on operational risk with a view to achieving enhanced return. Rather, it accepts operational risk as a consequence of writing (re)insurance business and having operations to support the writing of that business.

Operational risk is measured through the following processes:

Process	Description
Annual Risk Assessment	A risk register is maintained of the material operational risks faced by the Company. On an annual basis an assessment is performed on the risks on the risk register.
Consultation Regarding New Regulations	Upon the announcement of potential changes in the regulatory environment, the Legal and Compliance teams are tasked with reviewing the proposed changes and identifying any resulting changes in regulatory risks. Similarly, in the case of new financial reporting regulations, the responsibility of reviewing and highlighting any changes in regulatory risk falls on the CFO of AXA XL. Consideration of such changes is measured against the current risk profile and any changes to the operational risk exposure is measured through changes in the residual risk assessment rating in the risk register.
Business Planning	Any changes to the operational risk environment that arise as a result of the business planning (such as entry into new territories) must be identified and accounted for during the planning process.
Ongoing Operations	Function Heads and Risk Owners are responsible for identifying any new (or changed) risks during the normal course of business and notifying the Policy Owners, so that any required changes to the risk register can be implemented.
Emerging Risks	The Company operates a division-wide emerging risks identification process, which captures emerging risks. This assessment identifies key external factor changes that may give rise to operational risk issues.
Internal Loss Data	The Company collects data relating to operational risk losses and near misses on a quarterly basis. The data collected is used, among other things, to track incidents, identify key risk indicators and to validate and challenge operational risk assessment.
External Loss Data	The Company purchases historical loss data from an external provider. Large events from this database are used to identify new emerging risks.

Operational risk includes both employee and third-party fraud, business interruption events and IT outages/failure, inaccurate data processing, the loss of key staff and non-compliance with external financial, legal & compliance related reporting obligations.

Furthermore, as the Company engages with third-party vendors to support both its underwriting and claims operations as well as other business operations support services, there is increased exposure to outsourcing and vendor management related risks, including the increasing regulatory risks related to such risk topics. See Section B.7 for additional information.

C.1.6. Other Material Risks

Strategic Risk

A strategic risk is the risk that a negative impact (current or prospective) on earnings or capital, material at the AXA XL divisional level, arises from a lack of responsiveness to industry changes or adverse business decisions regarding:

- Significant changes in footprint, including through mergers and acquisitions.
- Product offering and client segmentation.

- Distribution model (channel mix including alliances/partnerships, multi-access and digital distribution).

Given the nature of strategic risks, there is no capital charge assessment but rather a strong strategic Risk Management Framework in place in order to assess, anticipate and mitigate these risks.

Group Risk

Group risk is the risk arising as a result of belonging to the AXA Group including areas such as capital support, reinsurance arrangements and reputational issues affecting the Group that could indirectly affect the business.

Asset Liability Matching Risk

Asset liability matching risk arises directly from a mismatch between assets and liabilities due to changes in rates and spreads, equity and other non-fixed income markets/asset classes and credit risks, liquidity, foreign exchange and from events affecting both asset and liability values.

In particular, the following market risks influence both assets and liabilities and are hence key drivers of risk:

Component	Definition
Interest Rate and Spread Risk	Mismatches between asset composition and maturities and the profile of liability cash flows creates economic risks from changes in benchmark interest rates, spreads and asset values. This is due to changes in the nominal mark-to-market (MTM) value of assets not exactly offsetting changes in the nominal economic value (net-present value) of liability cash flows.
Inflation Risk	Inflation risk stems from the general increase of prices. Inflation may decrease the value of fixed income assets while it may increase the value of liabilities, subject to knock on impacts to interest rates. Inflation also explicitly impacts the values of directly linked assets (TIPS, etc.) and liabilities.
Foreign Exchange ("FX") Risk	FX risk arises from mismatches in the currency denomination of assets relative to that of financial liabilities.

The Company controls asset liability mismatch risk through:

- **Asset Liability Management ("ALM") Analysis**

The Company conducts detailed ALM analyses to match the average duration and currency of its liabilities with appropriate assets. The SAA process determines the target allocation that maximizes the value of the Company subject to risk tolerance and other constraints. The SAA considers management's risk tolerance, liability cash flows, business plan, liquidity considerations, capital market forecasts and regulatory requirements. The ALM/SAA process is first done at the AXA XL division level keeping division and legal entity constraints under consideration. The target allocations are then propagated down to the legal entities based on additional considerations of each entity.

- **Investment Risk Appetite Framework**

XLB Board approved Risk Appetite Framework limits are in place that address all the key market risk factors and are commensurate with the volume and complexity of activity undertaken by the Company.

- **Stress Testing Framework**

The Company uses stress testing as one method to assess asset liability mismatch risk exposures.

Reputational Risk

Reputation risk is the risk that an event will negatively influence the stakeholders' perceptions of the company. AXA XL maintains a Reputational Risk Framework which encompasses a set of planned actions and established policies to reduce the probability and/or the expected costs if the latent reputational problems become actual.

Emerging Risk

Emerging risks are risks which may develop in the future, or which already exist and are continuously evolving. They are marked by a high degree of uncertainty, and some of them may never emerge. Emerging risks may be difficult to quantify and can have potentially serious consequences if they are not anticipated in a timely manner. To assess the impact of emerging risks at AXA XL, the Emerging Risks Committee and the Emerging Risks Task Force are tasked with identifying, analyzing, prioritizing, quantifying, monitoring, and reporting on emerging risks that could have an impact on existing and future product offerings and business operations. The Emerging Risks Committee and Task Force work together to undertake both strategic and risk management processes, assisting

in identifying potential opportunities in the market and providing thought leadership around emerging risk issues to optimize underwriting and strategic decisions.

ESG Risk (including Climate Change)

ESG Risk refers to the potential impact on the Company's long-term viability from an environmental, social, or corporate governance ("ESG") event. The Company is exposed to climate change risk, as further described below, but also to social issues such as ensuring a decent workplace for all and to potentially inadequate (corporate) governance which could have a reputational impact and other effects. The Company's Sustainability team conducts materiality assessments to identify the most significant ESG risks. The Company's Sustainability strategy includes incorporating ESG considerations into our products, services and own operations, as well as defining our vision and position as a "corporate citizen".

The identification and tagging of ESG risks and controls are included within AXA XL's Operational Risk Framework. Divisional Key Risk Indicators ("KRIs"), including those related to ESG risks, were developed during 2022 and 2023, and have been aligned to the AXA XL 2023-2026 Sustainability Strategy. In line with regulatory expectations, further focus is being placed on specific climate metrics and longer-term targets. Reputational risk is also considered across all operational risks as an impact criterion, as part of the annual operational risk assessment process, with regular reporting to AXA Group on any potential upcoming risks and an annual reporting summary including lessons learned.

Climate risk, and consequently climate change risk, is a key area of consideration to the Company. All AXA lines of business, including those in AXA XL, now share the priority to "sustain our climate leadership position". AXA's strategy is not only to adapt, but also to take advantage of its expertise to provide solutions.

The Company is exposed to all forms of climate and climate change risk, namely:

- **Physical Risks:** These are the first-order risks which arise from weather-related events, such as floods and storms. They comprise impacts directly resulting from such events, such as damage to property, and those that may arise indirectly through subsequent events, such as disruption of global supply chains or resource scarcity. The Company has exposure to natural catastrophes which therefore might be impacted and is supported by an AXA XL Science & Natural Perils team who consider the impact of climate change on the natural catastrophe models. Our ceded reinsurance protections act to mitigate the risks from natural perils, including those related to climate. However, the hazard changes from the impact of climate change on natural perils are likely to present themselves gradually over a long time period and therefore we view this risk as chronic rather than acute.
- **Transition Risks:** These are financial risks which could arise from the transition to a lower-carbon economy, incorporating changes in policy, technology and consumer preference. This can include both loss-causing impacts and the future stability of some of our product portfolios. This risk impacts the Company in, for example, the energy sector where we are seeing the impact of COP (the United Nations Climate Change Conference) and a move towards insuring renewable energy initiatives as well as monitoring areas such as the motor, aviation, construction and other areas where business could be impacted. We have specific initiatives to grow our Renewable Energy portfolio and practice groups in place to develop best practice to underwriting these technologies. This expert knowledge and engagement with our clients enable AXA XL to be resilient to the changing risks we face in this area.
- **Liability and Litigation Risks:** These are risks that arise from parties who have suffered loss or damage from climate change, and then seek to recover losses from others who they believe may have been responsible or whose actions they want to influence. Where such claims are successful, those parties against whom the claims are made may seek to pass on some or all the cost to insurance firms under third-party liability contracts such as professional indemnity (PI) or directors' and officers' (D&O) insurance. Where liability is not ruled or settled, the Company could still be exposed to the costs of duty to defend, should clients seek to recover costs here. The Company has exposure across a range of industries which could be targeted in climate change litigation.

Climate change risks have potential impacts on our underwriting, investments, and company operations and therefore this risk has dedicated groups to ensure that the transversal nature is duly considered, appropriately managed and mitigated. Given the long-time horizon over which these risks may emerge and the considerable uncertainty in future projections, AXA XL has been developing a series of stress tests to better understand the long-term implications for this risk.

Climate change risk is managed through the Risk Management Framework ("RMF"). Through this process risks are identified. In the case of risks pertaining to climate change, physical, transition and litigation risks have been long standing items in our emerging risks identification process. As these risks have developed, they are assessed and monitored for each risk type. For example, the potential physical risk impacts on our natural catastrophe risk are considered within our underwriting risk framework. This ensures that each element of climate risk is managed by those with the most expertise, that relevant stakeholders are kept informed and that these risks can be cross

compared to others with similar characteristics. In addition, AXA XL has established a Climate Change Risk & Stress Testing Working Group to ensure that information is relayed across risk types and a transversal approach is also taken to the risk. Controls in relation to these risks are documented in the applicable risk policies where relevant.

C.2. Risk Mitigation in the Organization

Insurance Risk

Reinsurance Purchase

The Company participates in the AXA XL managed outwards third party reinsurance risk transfer program to support the Company's underwriting strategy within risk appetite and to ensure efficient use of capital. AXA XL works with AXA SA on the outwards reinsurance placement strategy, especially for placements where there is an AXA Group Risk Appetite in place. Business ceded varies by location and line of business based on a number of factors, including market conditions. The goals of the outwards reinsurance risk transfer program include reducing exposure to individual risks, protecting against catastrophic risks, maintaining acceptable capital ratios and enabling the writing of additional business. The overall goal of the program is to reduce volatility and enhance overall capital efficiency.

The Company's reinsurance strategy is considered as part of the annual business planning process. The impact of that strategy is monitored quarterly by management.

Actuarial Function

To mitigate the risk of large changes of reserves from one period to the next which are due to internal (not external) factors such as human errors, the reserving process performed by the Actuarial Function is highly structured, strictly defined and controlled, and includes several layers of oversight.

Reserve Second Opinion

To have an independent opinion on the level of technical reserves, and on the risks and uncertainties related to the reserve valuation process, AXA XL conducts two reserve assessments, performed by independent reporting lines. The First Opinion assessment is performed by Actuarial Financial Reporting (reporting to the AXA XL CFO), and the Second Opinion assessment is performed by Risk Management (reporting to the AXA XL CRO). The two assessments are developed separately and presented to the Management Review Committee of Reserves, which determines the level of booked reserves based on the two views.

Rating Adequacy

Underwriters are supported by dedicated teams of claims personnel and pricing actuaries. Premiums are set and adjusted based, in large part, on the industry group in which the insured is placed, the corresponding industry sector rating, and the perceived risk of the insured relative to the others in that group. The rating methodology used for individual insureds seeks to set premiums in accordance with claims potential. Underwriting guidelines and policy forms differ by product offering as well as by legal jurisdiction. Pricing tools are specialized and generally operate by line of business.

Underwriting Authorities and Guidelines

All underwriters are assigned individual underwriting authorities with the objective of preserving the capital base and controlling earnings volatility. Authorities within the business units are delegated through the underwriting management structure, and the annual review of underwriting limits is part of the business planning process. Authorities are also set in line with individual underwriter experience levels, agreed risk appetites and risk tolerances for material individual events, RDS that cross multiple lines of business, and from risks related to some or all of the above that may occur concurrently.

The Company underwrites and prices most risks individually following a review of the exposure and in accordance with its underwriting guidelines. The Company seeks to serve clients while controlling the Company's exposure both on a portfolio basis and on individual insurance contracts through terms and conditions, policy limits and sub-limits, attachment points and reinsurance arrangements on certain types of risks.

New Product Process

The Underwriting Governance & Control Frameworks within the Global Chief Underwriting Office tracks product innovation and ensures that new products go through the defined governance process and approvals are obtained by the appropriate committees and leadership. All new products are approved by the Company.

Market Risk

Strategic Asset Allocation

The Strategic Asset Allocation ("SAA") process for AXA XL establishes a target allocation that is constructed to maximize enterprise value, subject to various considerations and constraints. It is subject to the risk tolerance established by management and is approved at least every three years by the XLB Board (and is planned to become annually updated starting in 2024).

Authorities Framework/Risk Appetite Framework

In conjunction with the SAA, the Company has a Risk Appetite Framework ("RAF") modeled off the AXA Group framework which limits exposure to various asset classes (with tighter limits for higher risk asset types), as well as duration and FX mismatches. There is also centralized investment risk monitoring through the Investment Authorities and Guidelines, which further monitors exposures by average credit quality, corporate industry sector, region (for municipal securities and emerging markets), BBB exposure, and leverage. These controls are implemented through regular compliance monitoring and reporting.

The Investment Risk Management Policy and market risk limits under the RAF address the key market risk factors and are commensurate with the volume and complexity of activity undertaken by the Company. The framework is designed to capture investment risks and to consistently and objectively measure, assess, manage, and report such risks on an ongoing basis.

Service Level Agreements

A service level agreement is in place between XL Group Investments Ltd ("XLGIL"), an indirect, wholly owned subsidiary of the Company, and the Company. This includes guidance on type of investments and the weighted average credit ratings of the portfolio that can be made on behalf of the Company. Adherence to policies and limits is monitored on a regular basis and reported to the XLB Board.

Currency Risk Mitigation

Foreign currency exposures represent all net assets and liabilities held in currencies other than US Dollars that generate foreign exchange volatility. The Company's foreign currency exposure is dominated by the Australian Dollar, British Pound, Canadian Dollar, and Euro. The majority of our exposure relates to subsidiaries of the Company whose capital is denominated in the currencies below with our foreign currency exposure reported as translation reserves in the consolidated statement of changes in equity in the Company's financial statements.

The Company seeks to mitigate the risk by matching the estimated foreign currency denominated liabilities with assets denominated in the same currency. Asset liability management analysis is run regularly to adjust surplus and shortfall currencies, ensuring that the entity exposures are broadly matched. Currency derivative instruments are used to hedge foreign exchange mismatch between assets and liabilities in subsidiaries of the Company resulting in a reduction in sensitivity to movements in foreign exchange rates impacting shareholder's equity.

The table below outlines the Company's year-end adjusted, post hedge exposure.

<i>(Foreign currency in millions)</i>	December 31, 2023	December 31, 2022
Australian dollar	382.2	321.1
British pound	(62.9)	(317.9)
Canadian dollar	338.1	482.8
Euro	313.0	849.5

Australian Dollar: The increase in XLB's AUD currency exposure was largely driven by positive cashflows, partly offset by additional FX hedging.

British Pound: The reduction of the XLB's GBP net liability exposure was driven by improved GBP cashflows and a reduction in FX hedging.

Canadian Dollar: The small decrease in XLB's CAD currency exposure was driven by increased FX hedging. The underlying technical performance was stable.

Euro: The reduction in XLB's EUR currency exposure in 2023 was driven by an increase in EUR denominated loss reserves, as well as additional FX hedging that is used to reduce the exposure to certain currencies.

Credit Risk

Credit Risk Framework - credit risk is managed across four sets of limits:

- **The Systemic Credit Clash Scenario** is an enterprise view of portfolio risk to a systemic credit event that incorporates all relevant risk sources that could be impacted by a credit risk event.
- **The Systemic Financial Institutions Realistic Disaster Scenario "FI RDS"** is an underwriting view of portfolio risk to a defined global financial crisis.

These scenarios (Systemic Credit Clash and FI RDS) reflect an "instantaneous" view of the ultimate risk. The scenarios conservatively assume that the entirety of the losses, which are expected to be multiyear in nature, all occur on day one. The risk sources are diverse in terms of how they are expected to manifest themselves thus creating a form of "time diversification". The scenarios are expressed in Probable Maximum Loss (PML) terms with methodologies aligned to tail events.

- **Obligor Idiosyncratic Concentration Risk** is managed with alerts and limits set as a function of obligor credit quality. Alerts and limits are in USD net notional terms representing the amount at risk and assuming no recovery. Exposures are from the functional sources (Reinsurance Recoverables, Treasury, and Investments) and from the (re)insurance underwriting businesses with embedded credit risk activities. Credit quality ratings are derived from AXA Group. When an obligor is not in the AXA Group universe, AXA XL applies its own credit rating methodology.
- **Country Risk Limits** are set to manage obligor concentration aggregated at their country of risk level with limits by country expressed in PML terms and with methodologies aligned to tail events.

Guidelines are used to manage concentration to brokers and issuers of incoming letters of credit and surety bonds.

In addition, obligor exposures are also required to align to the AXA Group Global Issuer Framework which can constrain AXA XL obligor deployment even if AXA XL credit risk framework capacity exists. Constraints from AXA Group come in various forms:

- Ban names due to default risk, reputational risk, or high level of deployment.
- Watch names where available capacity has already been allocated to other AXA entities.
- Names with specific risk allocations to the credit sensitive businesses and to Treasury.

Credit risk arising from credit sensitive underwriting activities is also managed via the underwriting limit framework. Credit risk in the investment portfolio is also managed through various frameworks applied at AXA XL including Authorities & Guidelines, Fixed Income Concentration, Sovereign Risk Appetite, and Country of Risk. These address the credit quality of obligors and counterparties, diversification and exposure versus limits by rating, term and seniority.

- **Underwriting Authorities and Limits** - See "Underwriting Authorities and Guidelines" above.
- **Investment Portfolio** - Credit risk is also managed through the credit research performed by external investment management service providers, AXA Group Risk Management, and the in-house portfolio management team.
- **Reinsurance Security Department** - The Company manages its credit risk in its external reinsurance relationships by transacting with reinsurers that it considers financially sound, and if necessary, collateral in the form of funds, trust accounts and/or irrevocable letters of credit may be held.

The following table outlines the Company's top external reinsurance credit exposures, net of collateral, as at December 31, 2023.

Name of Reinsurer	Reinsurer Financial Strength Rating	% of Total
National Indemnity Company	AA+	8.6%
Munich Reinsurance Co.	AA-	7.5%
Hannover Rueck SE	AA-	4.4%
Transatlantic Reinsurance Company	AA+	4.2%
Endurance Specialty Insurance Ltd.	A+	3.9%
Lloyd's Syndicates	AA-	3.7%
SCOR Reinsurance Co.	A+	3.1%
Liberty Mutual Insurance Company	A	2.8%
AXIS Reinsurance Company	A+	2.3%
Swiss Re Europe S.A.	AA-	1.9%

The following table sets forth the ratings profile of the reinsurers that support the Company's unpaid loss and loss expense recoverable and reinsurance balances receivable, net of collateral, at December 31, 2023:

Reinsurer Financial Strength Rating	% of Total
AA and above	42.4%
A	47.4%
BBB	1.0%
BB and below	0.8%
Captives	8.4%
Total	100.0%

- **Premium Payment and Brokers** - The Company underwrites a significant amount of its (re)insurance business through brokers and credit and premium risk exists should any of these brokers be unable to pay premium due. A list of approved broking houses is maintained.

Liquidity Risk

One of the principal objectives of liquidity risk management is to ensure that there is readily available access to funds with which to settle large or multiple unforeseen claims. It is generally expected that positive cash flow from operations (underwriting activities and investment income) will be sufficient to cover cash outflows under most future loss scenarios.

Cash requirements include all possible claims on cash from policyholders and operations. Some of these cash outflows are scheduled while others are known with much less certainty. The goal is to ensure sufficient liquidity in the asset portfolio, together with secured external cash sources, to provide for timely payment of potential cash demands under both normal business conditions and under extreme conditions resulting from unforeseen events over multiple time horizons.

Liquidity risk is managed through:

- **Asset Liability Management "ALM"** - Treasury conducts detailed ALM analysis to match the currency mix of its liabilities with appropriate assets. Investments manages the duration gap of assets and liabilities within a pre-defined range.
- **Special Funding Clauses** - The major source of liquidity risk within underwriting contracts is the provision of rating triggers, which are common market practice. These triggers typically necessitate the cancellation of the policy and the return of the cedant's unearned premium in the event of being downgraded below a certain rating level, which has the potential to be a material liquidity event when aggregated. There are controls in place to ensure that there is appropriate authorization for the inclusion of a downgrade clause in a contract.

The AXA XL Treasury and Risk Management departments serve as the focal point for liquidity monitoring, drawing on the expertise of other internal functions, as well as managing cash held at bank accounts covering day-to-day cash requirements, typically referred to as operating cash. Operating cash balances, together with cash managed within the investment portfolio, comprise the primary sources of liquidity for the Company. The Company also has access to several credit facilities.

The state of the Company's liquidity is routinely reported to the XLB Board and monitored as part of the RAF.

Operational Risk

The Company's risk register takes into account the controls in place that mitigate specific risks. The nature of the controls and the strength of control exercised are based upon the:

- Potential severity of the risk.
- Frequency of the risk occurring.
- Cost of implementing controls relative to the significance of the risk.
- Appetite and tolerance for the risk.

An annual risk assessment is performed for all risks on the risk register. The assessment involves capturing the risk owner's view of the potential severity should an incident occur relating to the risk, and the likelihood of such incident occurring. Together this establishes the profile of each risk, allowing identification of top risks, thereby facilitating appropriate risk-based monitoring.

The controls are subject to review and testing by the Internal Control and Internal Financial Control teams as noted in Section B.4.1 and Internal Audit as described in Section B.5.

Purchase of Insurance

It is recognized that while the Company may buy insurance with the aim of reducing the monetary impact of certain operational risk events (e.g. physical damage), non-monetary impacts may remain (including impact on the Company's reputation). This is considered in the risk assessment process and risk register.

The risks are monitored and managed through the risk framework and the operational loss event reporting process.

C.3. Material Risk Concentrations

Material concentrations can occur within risk categories and across risk categories. The Company's Risk Appetite Framework ("RAF") is intended to address both. The RAF and expected exposures are reviewed annually and tested through our stress testing framework.

The RAF has two key components: high level risk appetite statements and a set of risk exposure limits linked to specific risk types. The RAF is reviewed and approved annually by the AXA XL Risk and Compliance Committee and the XLB Board, with the latest review in April 2024, reflecting the risk profile of the Company and the 2024 business plan.

There are three components to the high-level risk appetite statements:

- **Value** - This considers exposure to the largest natural catastrophe event (at 1 in 200 years), default of single counterparty (not risk adjusted), largest claim or operational risk event (at 1 in 200 years).
- **Solvency** - This considers the buffer that should be held in excess of regulatory capital. The target level of solvency is for the Company to withstand the largest of a 1 in 20 years financial event or insurance event without the need to call on AXA Group for support.
- **Liquidity** - This considers ability to pay claims in the event of a stress event.

The risk exposure limits cover market risk, credit risk, reserve risk, underwriting risk, operational risk and life risk:

- **Market Risk** - Indicators exist for exposure per asset class, duration gap and foreign exchange mismatch.
- **Credit Risk** - Indicators exist for fixed income concentration, global issuer exposure and sovereign exposure.
- **Reserve Risk** - The reserving risk appetite definition has been updated with the introduction of the IFRS 17 Standard and now aims at monitoring the net of reinsurance discounted claims outstanding reserves against a limit and alert level. The alert level is Risk Management's independent opinion of reserves. The limit is defined as the alert level less the IFRS 17 Risk Adjustment amount.

- **Underwriting Risk:**

- Underwriting limits are spread across Property (where the limit is based on Probable Maximum Loss ("PML")), Liability, Marine, Aviation, D&O and Cyber lines. The limits are based on exposure to a single insured and equal the sum of the contractual limits (direct or facultative) net of reinsurance.
- Natural catastrophe exposures are monitored for the top 3 peril regions (North Atlantic Windstorm, North Atlantic Earthquake and European Windstorm) for a 1 in 200 years event net of reinsurance.
- The Cyber per event appetite monitors cyber affirmative exposure per guarantee (first party and third party).

- **Operational Risk**

- Operational Risk - this appetite is set to the amount of loss expected to occur 1 in 200 years.
- Information Risk - various metrics monitoring exposure to theft of data.

- **Life Risk** - Indicators exist for longevity risk and, per life and per event for pandemic, terrorism and earthquake.

Alert levels are set by AXA XL generally at 80% of the risk appetite level and are monitored on a regular basis. Reporting against the risk appetites is undertaken through the Risk Dashboard that is produced for the Audit, Risk and Compliance Committee on a monthly basis. The frequency of update of the exposure positions is as follows:

- Over-arching risk appetite statements (solvency, single event and liquidity) - quarterly
- Risk appetite exposures:
 - Market risk - quarterly
 - Credit risk - quarterly
 - Reserve risk - semi-annually
 - Underwriting per risk - quarterly
 - Natural catastrophe exposures - quarterly
 - Cyber per event - annually
 - Operational risk - annually
 - Life risk - annually

Loss exposure estimates for all event risks are derived from a combination of commercially available and internally developed models and methodologies together with the judgment of management, as overseen by the XLB Board. Actual incurred losses may vary materially from Company estimates. Factors that can cause a deviation between estimated and actual incurred losses may include:

- Inaccurate assumptions of event frequency and severity.
- Inaccurate or incomplete data.
- Changing climate conditions that may add to the unpredictability of frequency and severity of natural catastrophes in certain parts of the world and create additional uncertainty as to future trends and exposures.
- Future possible increases in property values and the effects of inflation that may increase the severity of catastrophic events to levels above the modeled levels.
- Natural catastrophe models that incorporate and are critically dependent on meteorological, seismological, and other earth science assumptions and related statistical relationships that may not be representative of prevailing conditions and risks, and may therefore misstate how particular events actually materialize, causing a material deviation between forecasted and actual damages associated with such events.
- A change in the legislative, regulatory, and judicial climate.

For the above and other reasons, the incidence, timing and severity of catastrophes and other event types are inherently unpredictable, and it is difficult to estimate the amount of loss any given occurrence will generate.

Consequently, there is material uncertainty around the ability to measure exposures associated with individual events and combinations of events. This uncertainty can cause actual exposures and losses to deviate from those amounts estimated, which in turn can create a material adverse effect on the Company's financial condition and results of operations and may result in substantial liquidation of investments, possibly at a loss, and outflows of cash as losses are paid.

C.4. Investment in Assets in accordance with the Prudent Person Principles of the Code of Conduct

In line with business objectives, market risk is accepted by the Company and managed with the objective to meet the annual investment earnings target and maximize the risk adjusted return on economic capital subject to agreed risk constraints and other considerations. The Company's investments are managed and monitored by XLGIL and governed through an investment agreement and the Investment Risk Appetite Limits and Guidelines. The AXA XL Financial Risk Management department oversees adherence to these limits and guidelines.

XLGIL is guided by the "prudent person" principle as specified in paragraph 5.1.2 of the BMA Insurance Code of Conduct, in that the Company only invests in assets and instruments where the risks of which can properly be identified, measured, monitored, managed, and controlled.

C.5. Stress Testing and Sensitivity Analysis to Assess Material Risks

An embedded stress testing framework is used to understand possible impacts across all major risks. The XLB Board is informed of results of stress tests performed throughout the year via risk dashboards and the CISSA report, including whether the results fall within relevant approved risk tolerances and limits. These stress tests help to understand potential losses from various events to ensure that the Company is prepared to withstand them, including ensuring that there is adequate capital and liquidity to manage through the event and maintain the Company as a going concern. Following the losses implied by exposure to these stress scenarios at December 31, 2023, the Company remains solvent. As part of the Company's Recovery Plan, a series of recovery actions have been identified to restore the Company's financial position and viability in the case of a severe stress event.

Insurance Risk

For underwriting risks, the main stress test approaches used cover natural catastrophe peril exposure projection and realistic disaster scenario ("RDS") projection as outlined below.

Test type	Reason performed
Natural Catastrophe Reporting	To monitor natural catastrophe exposures against risk appetite
RDS Reporting	To monitor non-natural catastrophe exposures against risk appetite and to assist in the setting of overall risk limits

Natural catastrophe exposure results and RDS exposure results are used to monitor exposure to the defined scenarios and monitor compliance with risk appetites, underwriting risk tolerances and limits. RDS's are produced a minimum of twice per year to understand the Company's exposure to defined non-natural catastrophe scenarios, which have been designed by experts and cover both short and long tail lines of business and cross class event exposures.

Market Risk

The following stress and scenario tests are used to identify risk exposures:

- Net income volatility stress testing.
- Interest rate and credit spread sensitivity testing: by re-valuing current portfolio holdings assuming various changes in the level of interest rates and the level of credit spreads.
- FX stress tests on assets and liabilities.
- Ad hoc scenario stress testing as deemed appropriate by Risk Management.

Credit Risk

AXA XL stress tests the impact of downgrades against its obligor credit risk appetites. The Company initiates corrective actions by restricting any further capacity deployment in case of a high probability of downgrade that would breach the company credit or country risk limits.

Liquidity Risk

A stressed liquidity analysis report is prepared on a quarterly basis by Treasury and Risk Management, which includes the Company's own view of the stressed sources and uses of liquidity over multiple time horizons (ranging from one week to twelve months). Entities must maintain excess liquidity post simultaneous stresses from operating cashflows, capital markets and natural catastrophes over each time horizon.

Operational Risk

To support the identification and quantification of operational risks within the business the Company has a stress and scenario testing framework.

The stress testing includes multiple operational risk scenarios, which are evaluated over multiple return periods for each scenario. The largest scenario is considered as part of the Single Event Risk Appetite Statement.

The operational scenarios are developed from the top risks assessed during the annual risk assessment process on a net assessment basis. The scenarios have multiple uses including:

- To monitor against tolerances.
- To better understand economic and reputational impact of the identified top operational risk exposures.

Climate Change

AXA XL has established a Climate Change Risk & Stress Testing Working Group to ensure that information is relayed across risk types and a transversal approach is also taken to the risk.

For underwriting risk, stress testing has been developed to consider the impact of physical risk to our natural catastrophe exposures. In addition, work is in progress to consider a number of litigation risk scenarios and the impact on underwriting risk. Within market risk, there is a stress test in place to consider a disorderly transition, based on an European Insurance and Occupational Pensions Authority ("EIOPA") scenario.

C.6. Other Material Information

Please refer to Section A.8. Other Material Information

D. Solvency Valuation

This section provides particulars of the valuation bases, methods and assumptions on the inputs used to determine solvency.

D.1. Valuation Bases, Assumptions and Methods used to derive the Value of each Asset Class

Cash and Cash Equivalents - Cash comprises cash on hand and demand deposits while cash equivalents are short-term, liquid investments that are readily convertible to cash, and which are subject to low volatility.

Quoted Investments - An asset or a liability is considered as being quoted in an active market when quoted prices are readily and regularly available from a stock exchange, dealer, broker, industry group, pricing service or regulatory agency and those prices represent actual and regularly occurring market transactions on an arm's length basis between a willing seller and a willing buyer. The assets need to be liquid, meaning that XLB can dispose of them in the ordinary course of business within a certain limited time period at approximately the price at which the asset is valued. Liquidity for debt instruments is assessed using a multi-criteria approach including the number of quotes available, the place of issuance and the evolution of the widening of bid ask spreads. The fair value of assets and liabilities traded on active markets is determined using quoted market prices when available. For financial instruments traded in active markets, quotes received from external pricing services represent consensus prices, i.e. using similar models and inputs resulting in a very limited dispersion. The fair value of assets and liabilities for which fair value is determined in whole directly by reference to an active market is disclosed as Level 1 in the Notes to the Company's audited IFRS financial statements for the year ended December 31, 2023 (the "Financial Statement Notes").

Unquoted Investments - An asset or liability is regarded as not quoted in an active market:

- if there is little observation of transaction prices as an inherent characteristic of the asset or the liability;
- when there is a significant decline in the volume and level of trading activity;
- in case of significant illiquidity;
- if observable prices cannot be considered as representing fair value because of dislocated market conditions.

Characteristics of inactive markets can therefore be very different in nature, inherent to the asset or the liability, or indicative of a change in the conditions prevailing in certain markets.

The fair value of assets and liabilities that are not traded in an active market is estimated using:

- external and independent pricing services; or
- valuation techniques.

The fair value of assets and liabilities that are not traded in an active market mainly based on observable market data are disclosed as Level 2 in the Financial Statement Notes. Those which are mainly not based on observable market data are disclosed as Level 3 in the Financial Statement Notes.

No Active Market: Use of External Pricing Services

External pricing services may be fund asset managers in the case of non-consolidated investments in funds or brokers. Where possible, the Company collects quotes from external pricing providers as inputs to measure fair value. Prices received may form tight clusters or dispersed quotes which may then lead to the use of valuation techniques. The dispersion of quotes received may be an indication of the large range of assumptions used by external pricing providers given the limited number of transactions to be observed or reflect the existence of distressed transactions.

No Active Market: Use of Valuation Techniques

The objective of valuation techniques is to arrive at the price at which an orderly transaction would take place between market participants (a willing buyer and a willing seller) at the measurement date. Valuation techniques include:

- **Market Approach:** the consideration of recent prices and other relevant information generated by market transactions involving substantially similar assets or liabilities;
- **Income Approach:** use of discounted cash flow analysis, option pricing models, and other present value techniques to convert future amounts to a single current (i.e. discounted) amount; and

- **Cost Approach:** the consideration of amounts that would currently be required to construct or replace the service capacity of an asset.

Valuation techniques are subjective in nature and significant judgment is involved in establishing fair values. They include recent arm's length transactions between knowledgeable willing parties on similar assets if available and representative of fair value and involve various assumptions regarding the underlying price, yield curve, correlations, volatility, default rates and other factors. Unlisted equity instruments valuation is based on cross checks using different methodologies such as discounted cash flows techniques, price-earnings ratios multiples, adjusted net asset values, taking into account recent transactions on instruments which are substantially the same if concluded at arm's length between knowledgeable willing parties, if any. The use of valuation techniques and assumptions could produce different estimates of fair value. However, valuations are determined using generally accepted models (discounted cash flows, Black & Scholes models, etc.) based on quoted market prices for similar instruments or underlyings (index, credit spread, etc.) whenever such directly observable data are available, and valuations are adjusted for liquidity and credit risk.

Valuation techniques may be used when there is little observation of transaction prices as an inherent characteristic of the market, when quotes made available by external pricing providers are too dispersed or when market conditions are so dislocated that observed data cannot be used or need significant adjustments. Internal mark to model valuations are, therefore, either normal market practices for certain assets and liabilities inherently scarcely traded or exceptional processes implemented due to specific market conditions.

When valuation techniques are used, the classification between Levels 2 and 3 depends on the proportion of assumptions supported by observable market data used by external pricing services or, in very limited cases, by the Company.

Use of Valuation Techniques in Dislocated Markets

The dislocation of certain markets may be evidenced by various factors, such as: very large widening of bid ask spreads which may be helpful indicators in understanding whether market participants are willing to transact, wide dispersion in the prices of the small number of current transactions, varying prices over time or among market participants, an existence of secondary markets, disappearance of primary markets, closing down of dedicated desks in financial institutions, distressed and forced transactions motivated by strong needs of liquidity or other difficult financial conditions implying the necessity to dispose of assets immediately with insufficient time to market the assets to be sold, and large bulk sales to exit such markets at all costs that may involve side arrangements (such as sellers providing finance for a sale to a buyer).

In such cases, the Company uses valuation techniques including observable data whenever possible and relevant, adjusted if needed to develop the best estimate of fair value, including adequacy of risk premiums, or develops valuation models based on unobservable data representing estimates of assumptions that willing market participants would use when prices are not current, relevant or available without undue costs and efforts. In inactive markets, transactions may be inputs when measuring fair value, but would likely not be determinative, and unobservable data may be more appropriate than observable inputs.

Investments in and Advances to Affiliates - The Company consolidates holdings in affiliates where it is deemed to have control under its IFRS principles.

Investments in related affiliates where the Company does not hold a majority equity interest but has the ability to exercise significant influence over operating and financial matters are valued with the equity method and to arrive at an EBS valuation, deductions including goodwill and other intangible assets are made. Holdings where the Company has neither control nor significant influence are treated as quoted/unquoted investments as described above.

Advances to affiliates are recorded at fair value in line with IFRS. Amounts receivable or payable on account of policies of insurance or reinsurance with affiliates are not included in this line. Such amounts are included in accounts and premiums receivables line and reinsurance payable respectively. Funds held by ceding reinsurers which are affiliates and funds held under reinsurance contracts with affiliates are also not included.

In the EBS the goodwill and intangible asset element of the participation valuation is eliminated, in accordance with the reasons given above. After the end of each period the performance of all affiliate investments is reviewed and the share of the Company's change in equity is recorded each period based on the financial information received directly from the affiliate. The Company also receives the audited financial statements from affiliates when available. No valuation adjustment was required as at December 31, 2023 and 2022 respectively.

When financial statements of the affiliate are not available on a timely basis to record the Company's share of income or loss for the same reporting periods as the Company, the most recently available financial statements are used. This lag in reporting is applied consistently. The Company generally records its alternative and private investment funds on a one-month and three-month lag, respectively, and its operating affiliates on a three-month lag. Significant influence is generally deemed to exist where the Company has an investment of 20% or more in the common stock of a corporation. Significant influence is considered for other strategic investments on a case-by-

case basis. Investments in participation are not subject to fair value measurement guidance as they are not considered to be fair value measured investments under IFRS or EBS. However, impairments are calculated in accordance with fair value measurement guidance and appropriate disclosures included within the financial statements during the period the losses are recorded.

Real Estate - Investment in real estate properties, including investments in real estate funds, is recognized at cost. The properties' components are amortized over their estimated useful lives, also considering their residual value if it may be reliably estimated. In case of unrealized loss over 15%, an impairment is recognized for the difference between the net book value of the investment property and the fair value of the asset based on an independent valuation. Furthermore, if the accumulated amount of unrealized losses under 15% (without offsetting with unrealized gains) represents more than 10% of the accumulated net cost of real estate assets, additional impairments are booked on a line-by-line approach until the 10% threshold is reached.

In subsequent periods, if the appraisal value rises to at least 15% more than the net carrying value, the previously recorded impairment is reversed to the extent of the difference between a) the net carrying value and b) the lower of the appraisal value and the amortized cost (before impairment).

In the EBS, investment in real estate properties is recorded at fair value.

Investment Income Due and Accrued - Investment income due and accrued is recorded at fair value in line with IFRS. Balances due in more than one year have not been discounted as this is not considered to be material.

Accounts and Premiums Receivable - Accounts and premiums receivable are recorded at fair value in line with IFRS. Premiums due but not yet received are included on this line while premiums not yet due are included as part of premium provisions. Balances due in more than one year have not been discounted as this is not considered to be material. Premium receivables have been transferred to technical provisions under EBS and therefore there is no impact on capital for this adjustment (apart from an immaterial amount due to the discounting within technical provisions).

Reinsurance Balances Receivable - Reinsurance balances receivable are recorded at fair value in line with IFRS. Losses and loss expenses recoverable are included on line 17 of the Company's EBS. Balances due in more than one year have not been discounted as this is not considered to be material.

Funds Held by Ceding Reinsurers - Funds held by ceding reinsurers (whether affiliate or not) are recorded at fair value in line with IFRS.

Sundry Assets - Any asset not accounted for in lines 1 to 12 and 14 of the Company's EBS is included here if it has a readily realizable value. Any other assets, prepaid expenses, goodwill and similar intangible assets shall be non-admitted assets.

Derivatives - Derivatives are initially recognized at fair value at purchase date and are subsequently re-measured at their fair value at the reporting date. Unrealized gains and losses are recognized in the statement of profit or loss unless they relate to a qualifying hedge relationship as described below. In the statement of financial position, derivatives are presented in separate line items, as an asset or a liability depending upon the fair value position at the reporting date, with no offsetting, regardless of whether these derivatives meet the criteria for hedge accounting. The Company designates certain derivatives as either: (i) hedging the exposure to variability in cash flows attributable to a recognized asset or liability or a highly probable future transaction (cash flow hedge), or (ii) hedging the exposure to changes in fair value of a recognized asset or liability or an unrecognized firm commitment (fair value hedge), or (iii) hedging net investments in a foreign operation (net investment hedges). The Company formally documents, at inception of a designated hedging relationship, its risk management objectives and strategy for undertaking the hedge. This documentation includes (i) the identification of the hedged item and of the hedging instrument, (ii) the nature of the risk being hedged, (iii) the economic relationship between the hedged item and the hedging instrument, including whether the changes in the value of the hedged item and the hedging instrument are expected to offset each other, (iv) and how the assessment of whether the hedging relationship meets the hedge effectiveness requirements will be performed, including its analysis of the sources of hedge ineffectiveness. The hedging relationship documentation is updated on an ongoing basis.

Fair Value Hedge - Changes in the fair value of derivatives designated and qualifying as fair value hedges of equity instruments designated at fair value other comprehensive income ("OCI") are recorded in OCI, without recycling into profit or loss, together with changes in fair value of the hedged equity instrument. Changes in the fair value of derivatives designated and qualifying as fair value hedges of other financial instruments are recorded in the statement of profit or loss, together with any changes in the fair value of the hedged asset or liability. Therefore, the gain or loss relating to any ineffective portion is directly recognized in the statement of profit or loss.

Cash Flow Hedge - A separate component of equity, referred to as cash flow hedge reserve, is adjusted through OCI for the lower of the following amounts:

- gain or loss on the hedging instrument cumulated since inception of the hedge, and

- change in fair value of the hedged item cumulated since inception of the hedge (i.e. the present value of the cumulative change in the hedged expected future cash flows).

If the cumulative gain or loss on the hedging instrument exceeds the change in fair value of the hedged item (sometimes referred to as an 'over-hedge'), the related ineffectiveness is recognized in profit or loss. If the cumulative gain or loss on the hedging instrument is lower than the change in fair value of the hedged item (sometimes referred to as an 'under-hedge'), no ineffectiveness appears.

Cumulative gain or loss in shareholders' equity is recycled in the statement of profit or loss when the hedged underlying item impacts the profit or loss for the period (for example when the hedged future transaction is recognized). When a hedging instrument reaches its maturity date or is sold, or when a hedge no longer qualifies for hedge accounting, the cumulative gains or losses in shareholder's equity are released in profit or loss when the initially hedged future transaction ultimately impacts the statement of profit or loss. If the hedged future cash flows are no longer expected to occur, the cumulative gains or losses are immediately reclassified from shareholder's equity to profit or loss.

Net Investment Hedge - The accounting of net investments in foreign operations hedge is similar to the accounting of cash flow hedge. Any gain or loss on the hedging instrument relating to the effective portion of the hedge is recognized in shareholder's equity; the gain or loss relating to the ineffective portion is recognized in the statement of profit or loss. Cumulative gains and losses in shareholder's equity impact the statement of profit or loss on disposal of the foreign operations.

Cost of Hedging Approach - When only a part of a derivative is designated as the hedging instrument (for example, changes in intrinsic value of a purchased option or changes in the spot element of a forward contract), the Company applies a specific accounting mechanism in IFRS 9 referred to as "cost of hedging approach" and resulting in less volatility in profit or loss. Conversely, the cost of hedging approach is not applied when hedging equity instruments are measured at fair value OCI without recycling.

Consistent with the cost of hedging approach, if only changes in intrinsic value of an option are designated as the hedging instrument, the changes in fair value of the time value of the option are deferred in OCI. This cumulated amount is removed from OCI and recognized in profit or loss following the timing that depends on the nature of the hedged item:

- if the hedged item is transaction related (e.g. a forecast purchase denominated in a foreign currency) – when the hedged transaction affects profit or loss;
- if the hedged item is time-period related (e.g. the fair value of an item for a period of time) – over the period of the hedge.

The identical approach applies to:

- the changes in forward points of a forward contract when only the change in the spot element of such a contract is designated as the hedging instrument, and
- the changes in the foreign currency basis spread when separated from a financial instrument and excluded from the designation of that financial instrument as the hedging instrument.

Derivatives not Qualifying for Hedge Accounting - Most of the derivatives used by the Company are purchased with a view to hedge or as an alternative to gain exposure to certain asset classes through "synthetic positions". However, given IFRS 9 constraints, only qualifying hedges are eligible to hedge accounting provisions described above. Changes in the fair value of derivative instruments that do not qualify for hedge accounting are recognized in the statement of profit or loss.

The Company holds financial assets that also include embedded derivatives. A derivative embedded in a contract where the host is a financial asset in the scope of IFRS 9 is not separated. Instead, the hybrid financial instrument as a whole is assessed for classification applying the guidance described. Conversely, if the host contract is a financial liability within the scope of IFRS 9 and is not measured at FV P&L, the embedded derivative is separated from the host contract to the extent that the impact is deemed material, unless the economic characteristics and risks of both the embedded derivative and the host contract are closely related. In this case, the host contract is accounted for as a financial liability within the scope of IFRS 9, and the separated derivative is accounted for at FV P&L and might be eligible as a hedging instrument.

Segregated Accounts Companies - General Business: A separate and distinct account (comprising or including entries recording data, assets, rights, contributions, liabilities and obligations linked to such account) of a segregated accounts company pertaining to an identified or identifiable pool of assets and liabilities shall be recorded at fair value in line with IFRS.

Balance Receivable on Sale of Investments - Shall be recorded at fair value in line with IFRS.

Intangible Assets - Intangible assets are assets other than financial assets that lack physical substance. Goodwill is valued at nil in the EBS. The Company's indefinite lived intangible assets consist primarily of acquired insurance and reinsurance licenses. These do not meet the definition of intangible assets under EBS and are therefore eliminated. Other intangible assets are carried at their fair value where all of the following conditions are met:

- they can be sold separately.
- the expected future economic benefits will flow to the company.
- the value of the assets can be reliably measured.
- there is evidence of exchange transactions for the same or similar assets indicating that they are saleable in the marketplace.

The Lloyd's capacity asset of \$ 333.8 million and \$331.3 million at December 31, 2023 and 2022 respectively, meets all of the above criteria and as such is recognized on the EBS.

Deferred Tax Assets and Liabilities - Deferred tax assets and liabilities are recognized in relation to all assets and liabilities that are recognized for solvency or tax purposes in conformity with IFRS principles adopted by the insurer. The Company values deferred taxes, other than deferred tax assets arising from the carry-forward of unused tax credits and the carry-forward of unused tax losses, on the basis of the difference between the values ascribed to assets and liabilities recognized and valued in accordance with the requirements of the Economic Balance Sheet and the values ascribed to assets and liabilities as recognized and valued for tax purposes.

A positive value is only ascribed to deferred tax assets where it is probable that future taxable profit will be available against which the deferred tax asset can be utilized, taking into account any legal or regulatory requirements on the time limits relating to the carry-forward of unused tax losses or the carry-forward of unused tax credits.

Pension Benefit Surplus - Includes pension surplus balance recorded at fair value in line with IFRS. This is considered a reasonable proxy for fair value, particularly given the immateriality of the asset.

Other Sundry Assets - All other assets categorized under sundry assets are recorded at fair value in line with IFRS.

Letter of Credit Guarantee and Other Instruments - Under EBS, this represents additional fixed capital secured basis the approval of the BMA.

D.2. Valuation Bases, Assumptions and Methods used to derive the Value of Technical Provisions

D.2.1. Valuation Bases, Assumptions and Methods to derive the Value of Technical Provisions for the Company

Technical Provisions are valued based on best estimate cash flows, adjusted to reflect the time value of money using risk-free discount rate term structures with appropriate illiquidity adjustments. In addition, there is a risk margin to reflect the uncertainty inherent in the underlying cash flows which is calculated using the cost of capital approach and risk-free discount rate term structures. The discount rate term structures are prescribed by the BMA for each reporting period.

The best estimate for the claims provision is calculated by using IFRS 17 reserves as the starting point and then performing a series of adjustments, as per BMA regulation:

- Unwinding of IFRS 17 adjustments i.e., IFRS 17 discounting, risk adjustments, credit risk, Deferred Acquisition Costs ("DAC") etc.
- Incorporation of expected reinsurance counterparty defaults i.e., bad debt.
- Other adjustments related to the consideration of operating expenses, economic adjustments for some specific reinsurance arrangements, etc.; and
- Discounting credit.

The best estimate for the premium provision is calculated by using the gross unearned premium reserve on an IFRS basis, and then performing a series of adjustments, as per BMA regulation:

- Gross and ceded premiums on already obliged but yet to incept business.
- Applying expected future gross loss ratios which include an allowance for Events not in Data ("ENID").

- Reinsurance recoveries less bad debt.
- Future Losses Occurring During ("LOD") reinsurance cost covering existing incepted policies.
- Future premiums (payables and receivables).
- Other adjustments related to the consideration of investment and operating expenses, etc.
- Discounting credit.

In the valuation of the non-life/life (re)insurance obligations within the technical provisions, the Company has used the BMA prescribed standard discount rate curves by currency.

At December 31, 2023 and 2022, the total net Technical Provisions amounted to \$29.2 billion and \$29.2 billion, respectively, comprising the following: As at December 31, 2023:

<i>(U.S. dollars in thousands)</i>	Non-Life	Life	Total
Claims Provision	26,764,587	279,559	27,044,146
Premium Provision	342,823	—	342,823
Risk Margin	1,805,853	4,218	1,810,071
Total Technical Provisions	28,913,262	283,777	29,197,040

As at December 31, 2022:

<i>(U.S. dollars in thousands)</i>	Non-Life	Life	Total
Claims Provision	26,508,761	260,651	26,769,412
Premium Provision	782,777	—	782,777
Risk Margin	1,638,702	4,453	1,643,155
Total Technical Provisions	28,930,240	265,104	29,195,344

D.2.2. Uncertainty/Limitations Associated with the Value of the Technical Provisions

There is an inherent uncertainty in the estimates as there is in any estimate of claim reserves. The Company expects that actual future losses will not develop exactly as projected and may potentially vary significantly from projections as actuarial indications are subject to uncertainty from various sources, including but not limited to changes in claim reporting patterns, claim settlement patterns, judicial decisions, legislation, and general economic conditions. This uncertainty stems from several factors including lack of historical data, uncertainty with regard to claim costs, coverage interpretations and the judicial, statutory and regulatory provisions under which the claims may be ultimately resolved.

D.3. Description of Recoverables from Reinsurance Contracts

The reinsurance recoverables for the claims provisions are sourced directly from the IFRS submissions and are adjusted the same way as gross technical provisions (see D2.1).

Recoverables from reinsurance contracts are based on principles similar to the gross best estimate and include reinstatement premiums required to be paid to the reinsurer, and expenses in relation to the management and administration of reinsurance claims.

The balance is adjusted for counterparty credit rating based on rating agency and default statistics.

For Life business, reinsurance recoverables are calculated using the same principles as those used to calculate the gross reserves.

D.4. Valuation Bases, Assumptions and Methods used to derive the Value of Other Liabilities

Insurance and Reinsurance Balances Payable - Insurance and reinsurance balances payable are measured at amortized cost under IFRS and are not discounted. There is no difference under the EBS as undiscounted amortized cost is deemed a reasonable proxy for fair value, given the short-term nature of these liabilities. Reinsurance payables have been transferred to technical provisions under EBS and therefore there is no impact on capital for this adjustment (apart from an immaterial amount due to the discounting of reinsurance premium payables within technical provisions).

Commissions, Expenses, Fees and Taxes Payable - All liabilities in respect of commissions (including profit commissions) underwriting expenses, fees, and taxes (other than income taxes) are recorded at fair value in line with IFRS.

Loans and Notes Payable - Loans and notes payable (other than an affiliate) are recorded at fair value in line with IFRS.

Tax Liabilities - Current tax liabilities or assets are measured at the amount expected to be paid or recovered from the taxation authorities, using the tax rates that have been enacted or substantively enacted by the end of the reporting period.

a) Income tax liabilities are carried consistent to the IFRS.

b) Deferred tax liabilities adjusted with the relevant EBS tax adjustment.

Accounts Payable and Accrued Liabilities - Any other (non-insurance) accounts payable and accrued liabilities are recorded at fair value in line with IFRS.

Funds Held Under Reinsurance Contracts - Reinsurer funds held under reinsurance contracts liabilities are recorded at fair value in line with IFRS.

Derivative Liabilities - Derivative liabilities are measured at fair value under both IFRS Financial Statements and EBS.

Deposit Liabilities - Contracts entered into by the Company that are not deemed to transfer significant underwriting and/or timing risk are accounted for as deposits, whereby liabilities are initially recorded at an amount equal to the assets received. Deposit liabilities are measured at fair value less an adjustment for own credit risk. The Company determined the estimated fair value of the deposit liabilities by using the BMA standard discount rates.

The Company uses a portfolio rate of return of equivalent duration to the liabilities in determining risk transfer. An initial accretion rate is established based on actuarial estimates whereby the deposit liability is increased to the estimated amount payable over the term of the contract. The deposit accretion rate is the rate of return required to fund expected future payment obligations (this is equivalent to the "best estimate" of future cash flows), which are determined actuarially based upon the nature of the underlying indemnifiable losses. Accretion of the liability is recorded as interest expense. The Company periodically reassesses the estimated ultimate liability. Any changes to this liability are reflected as adjustments to interest expense to reflect the cumulative effect of the period the contract has been in force, and by an adjustment to the future accretion rate of the liability over the remaining estimated contract term.

Pension Benefit Obligations - Under both IFRS and EBS the pension benefit obligations are measured as the excess of the projected benefit obligation over the plan assets. This is considered a reasonable proxy for fair value, particularly given the immateriality of the liability at just 0.1% of the total EBS liabilities.

Balances Payable for Purchase of Investments - is recorded at fair value in line with IFRS.

D.5. Other Material Information

For the year ended December 31, 2023, there is no other material information regarding solvency valuation required to be disclosed for purposes of this Financial Condition Report.

E. Capital Management

This section provides particulars regarding an assessment of capital needs and regulatory capital requirements.

E.1. Eligible Capital

E.1.1. Capital Management Policy and Process for Capital Needs, how Capital is Managed and Material Changes During the Period

The Company has an overarching Capital Management process to ensure an appropriate level and form of capital. The Company's capital position is benchmarked against its projected risk exposures to ensure that it is adequate to support planned business operations as well as certain stressed loss events. The form of the capital is designed to provide a balance between security, flexibility and liquidity.

In addition, the Company ensures that it meets the appropriate levels/standards as defined under the Insurance Act 1978 using the economic balance sheet framework to derive the Company's statutory economic capital and surplus, its enhanced capital requirement and its target capital levels as defined therein. There are appropriate levels of oversight from the XLB Board, Risk and Compliance, Finance and AXA XL Treasury to ensure appropriate capital levels are managed and maintained.

E.1.2. Eligible Capital Categorized by Tiers in Accordance with the Eligible Capital Rules for the Company

<i>(U.S. dollars in thousands)</i>	December 31, 2023
Tier 1	12,940,673
Tier 2	254,624
Tier 3	999,000
Total	14,194,297

The Tier 1 capital comprises fully paid common shares and the contributed surplus or share premium thereon. The Tier 2 capital is the difference between encumbered assets for policyholder obligations and policyholder obligations in addition to the \$1m in Series, A Non-Voting Redeemable Preference Shares issued to AXA SA. Tier 3 capital consists of ancillary capital in the form of Redeemable Preference Shares - (see E.1.6.).

E.1.3. Eligible Capital for the Company Categorized by Tiers in Accordance with the Eligible Capital Rules used to meet the Enhanced Capital Requirement (ECR) and the Minimum Margin of Solvency (MSM) Requirements of the Insurance Act 1978

<i>(U.S. dollars in thousands)</i>	Limits	MSM	ECR	Minimum Margin of Solvency	Enhanced Capital Requirement
Tier 1	Min	80%	60%	12,940,673	12,940,673
Tier 2	Max	25%	66.67%	254,624	254,624
Tier 3	Max		17.65%	—	999,000
Total				13,195,297	14,194,297

E.1.4. Confirmation of Eligible Capital that is subject to Transitional Arrangements

None

E.1.5. Identification of any Factors Affecting Encumbrances Affecting the Availability and Transferability of Capital to Meet the ECR

The capital needed to meet the ECR is available and transferable.

E.1.6. Identification of Ancillary Capital Instruments that have been Approved by the Authority

Capital commitment of \$1 billion (executed on December 30, 2020)

The capital commitment is effectively an Ancillary Own Funds instrument. In connection with the capital commitment, the Company issued 1,000 Series A, Non-Voting Redeemable Preference Shares to AXA SA which were funded at the statutory minimum of \$1 million. Subject to the Company's ECR coverage ratio falling below 120% at any time prior to December 31, 2025, AXA SA is contractually obligated to fund the remaining \$999 million. This capital commitment is eligible to form part of the Company's solvency capital as a Tier 3 Capital subject to a 15% cap (\$1 million is eligible to be treated as Tier 2 Capital). Any additional portion of the remaining

\$999 million of the capital commitment received by the Company will be eligible to form part of the company's Tier 2 Capital.

E.1.7. Identification of Differences in Shareholders' Equity as Stated in the Financial Statements Versus the Available Statutory Capital and Surplus for the Company

The starting point to determine available statutory capital and surplus is to prepare the Company balance sheet on an Economic Balance Sheet ("EBS") basis. The EBS balance sheet is derived from the IFRS balance sheet, and by making adjustments to reflect the EBS basis for assets and liabilities. This EBS then provides the available capital and surplus which is then categorized into the three ECR tiers. There are restrictions on the amount of Tier 2 and Tier 3 capital which can be used to meet the ECR, as well as the minimum solvency margin ("MSM").

The IFRS Consolidated Total Shareholders' Equity and the solvency valuation of the excess of the assets over liabilities is set out below. The adjustments are documented in Section D covering valuation of assets and liabilities.

<i>(U.S. dollars in thousands)</i>	December 31, 2023
Consolidated Total Shareholders' Equity - IFRS	12,651,151
Less: Goodwill & Intangible Assets	(1,514,880)
Less: Adjustment for DAC	(192,615)
Add: Ancillary Capital Provided by Parent	1,000,000
Adjustments for Technical Provision and Risk Margin under EBS Rules	1,991,404
Other Net Adjustments	259,238
Available Statutory Capital and Surplus	14,194,297

E.2. Regulatory Capital Requirements

E.2.1. ECR and MSM at the end of the Reporting Period for the Company

The Company's Minimum Solvency Margin and Enhanced Capital Requirement as at December 31, 2023 are as follows:

<i>(U.S. dollars in thousands)</i>	Amount	Ratio
Minimum Margin of Solvency	2,019,717	703%
Enhanced Capital Requirement	8,078,868	176%

E.2.2. Identification of Any Non-Compliance with the MSM and the ECR

The Company has met both the MSM and ECR requirements during the year.

E.2.3. A Description of the Amount and Circumstances Surrounding the Non-Compliance, the Remedial Measures and their Effectiveness

Not applicable

E.2.4. Where the Non-Compliance is Not Resolved, A Description of The Amount of The Non-Compliance

Not applicable

E.3. Approved Internal Capital Model

Not applicable

E.3.1. Description of the Purpose and Scope of the Business and Risk Areas where the Internal Model is used

Not applicable

E.3.2. Where a Partial Internal Model is Used, a Description of the Integration with the BSCR Model

Not applicable

E.3.3. Description of Methods Used in the Internal Model to Calculate the ECR

Not applicable

E.3.4. Description of Aggregation Methodologies and Diversification Effects

Not applicable

E.3.5. Description of the Main Differences in the Methods and Assumptions Used for the Risk Areas in the Internal Model Versus the BSCR Model

Not applicable

E.4. Description of the Nature and Suitability of the Data Used in the Internal Model

Not applicable

E.5. Other Material Information

For the year ended December 31, 2023, there is no other material information regarding capital management required to be disclosed for purposes of this Financial Condition Report.

F. Subsequent Events

On April 11, 2024, a distribution of \$520 million was paid by the Company to its parent, XL Group Ltd.

The Company has determined that for the year ended December 31, 2023, there are no additional subsequent events that occurred that would have a material impact on the information contained in this Financial Condition Report.

Declaration Statement

To the best of our knowledge and belief, the financial condition report fairly represents the financial condition of XL Bermuda Ltd in all material respects.

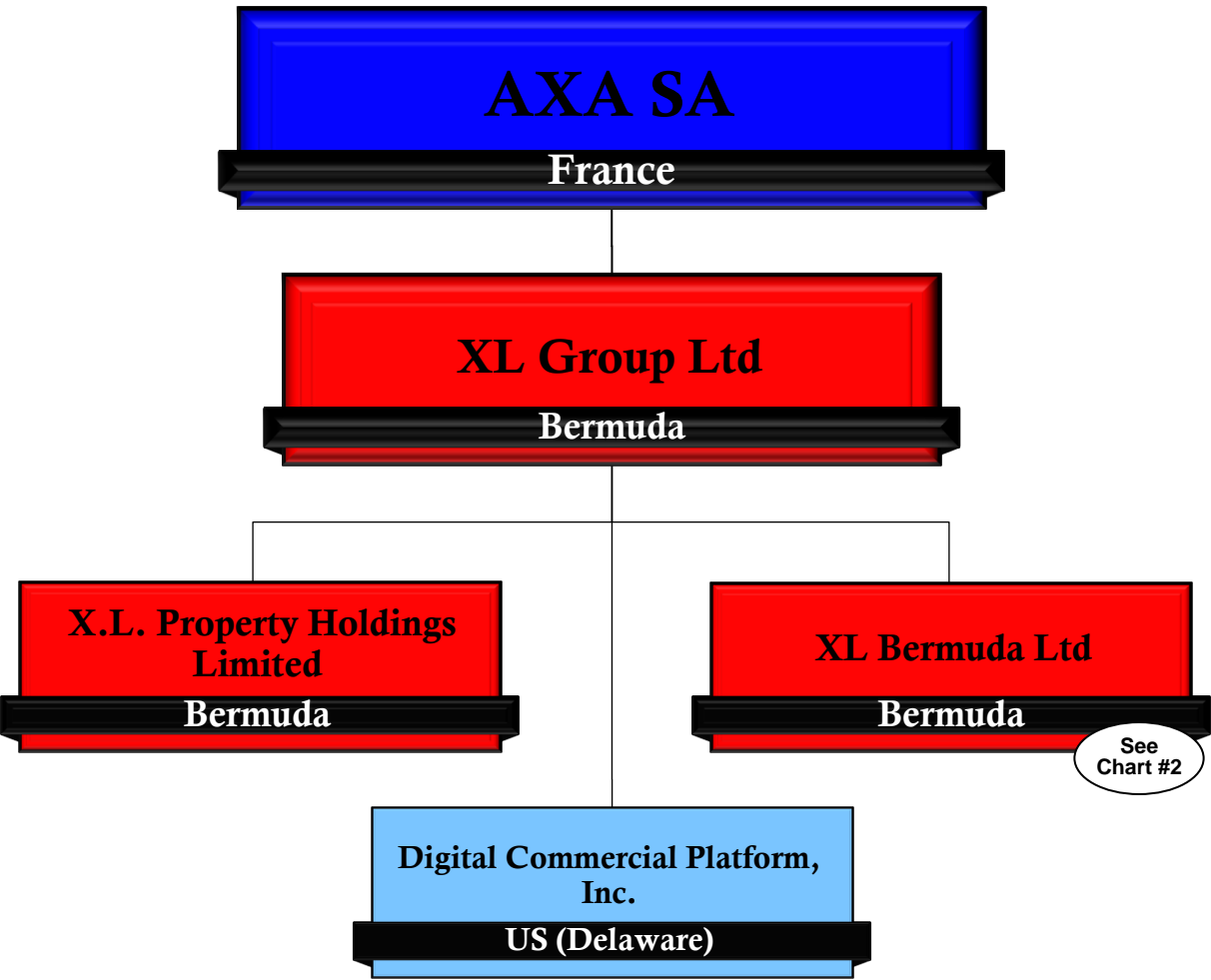


Patrick Tannock
Chief Executive Officer - Bermuda Insurance
April 29, 2024



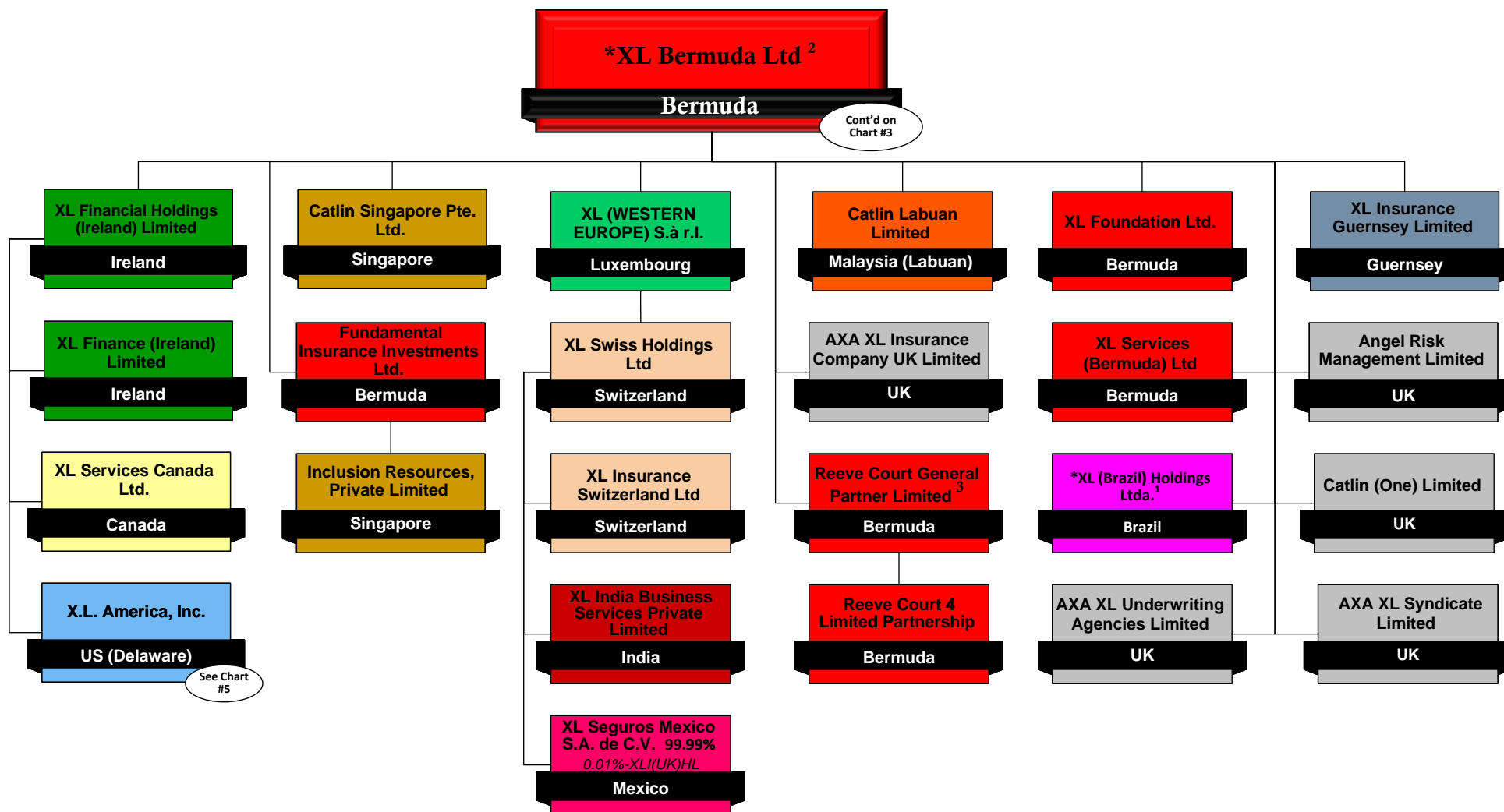
Simon Argent
Chief Risk Officer - Bermuda
April 29, 2024

Appendix 1 - AXA XL Group Structure Chart - December 31, 2023



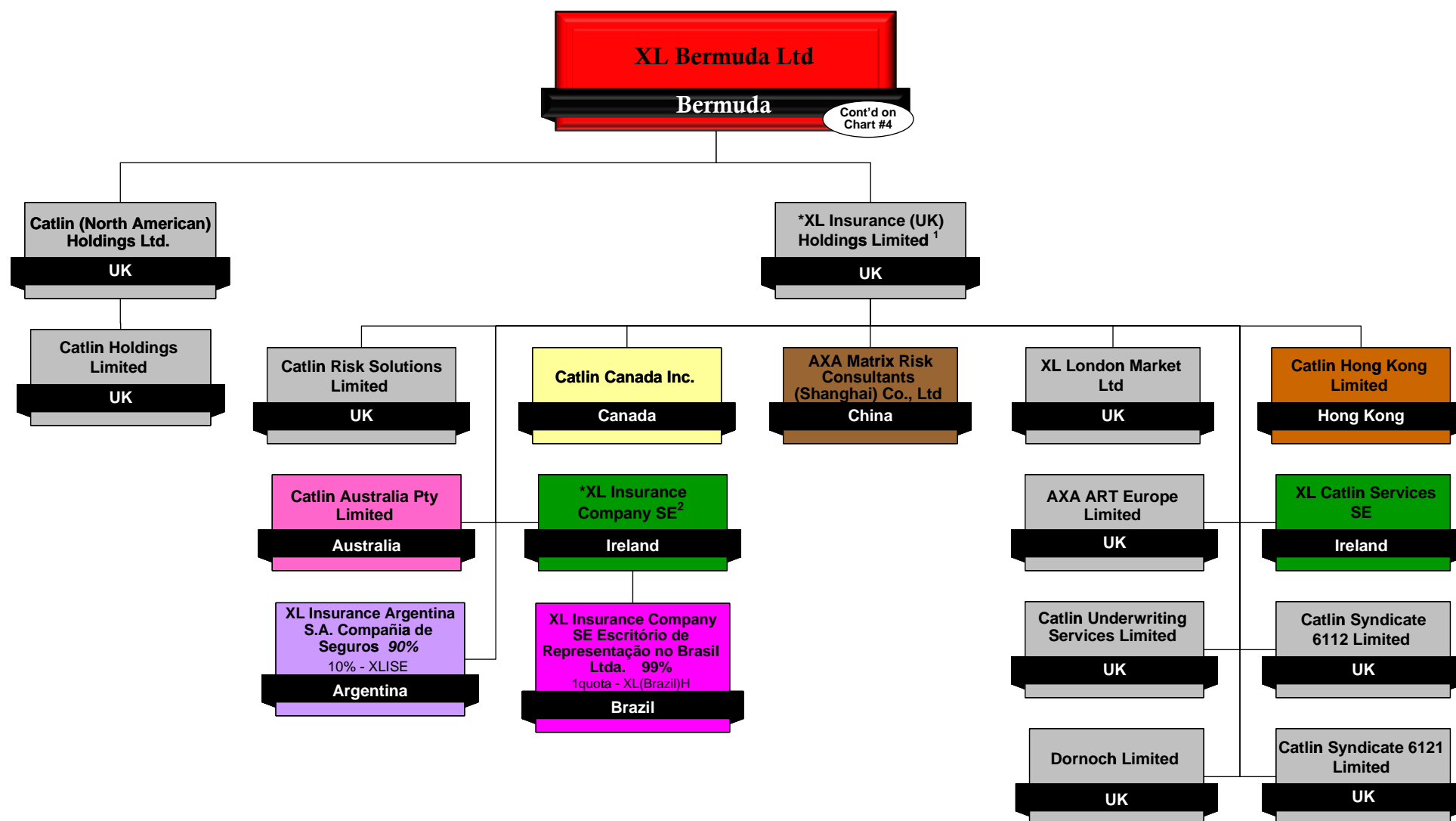
See
Chart #2

Legend	
Jurisdiction	
	Argentina
	Australia
	Barbados
	Bermuda
	Brazil
	Canada
	China
	France
	Guernsey
	Hong Kong
	India
	Ireland
	Japan
	Luxembourg
	Malaysia (Labuan)
	Mexico
	Singapore
	Switzerland
	UK
	US



***Note:**

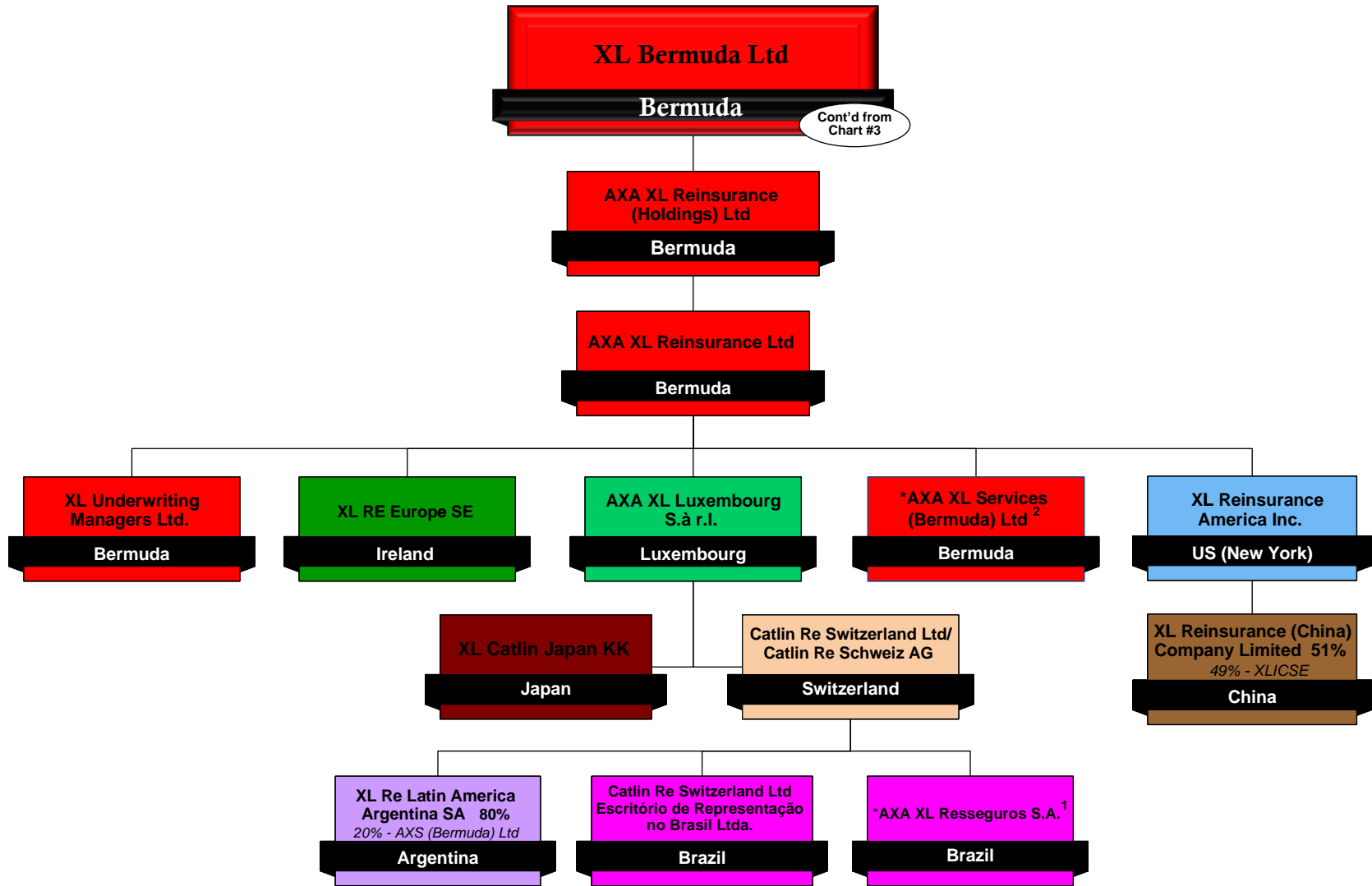
1. 1 quota owned in XLICSE Escritório de Representação no Brasil Ltda.; 1 share held in AXA XL Resseguros S.A.
2. Limited Partner of XLA Garrison L.P.; 50% Limited Partner of Reeve Court 4 Limited Partnership
3. 50% General Partner of Reeve Court 4 Limited Partnership



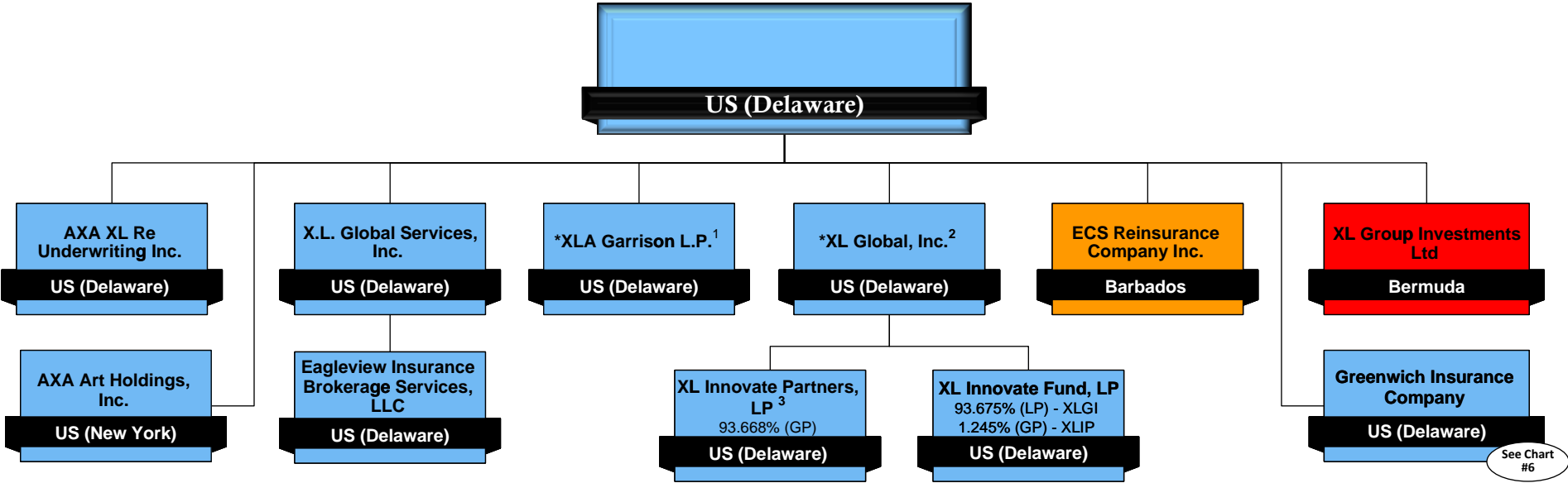
***Note:**

1. 0.01% ownership of XL Seguros Mexico S.A. de C.V.

2. Percentage of ownership: 49% of XL Re (China) Company Limited; 10% of XLI Argentina S.A. Compañía de Seguros

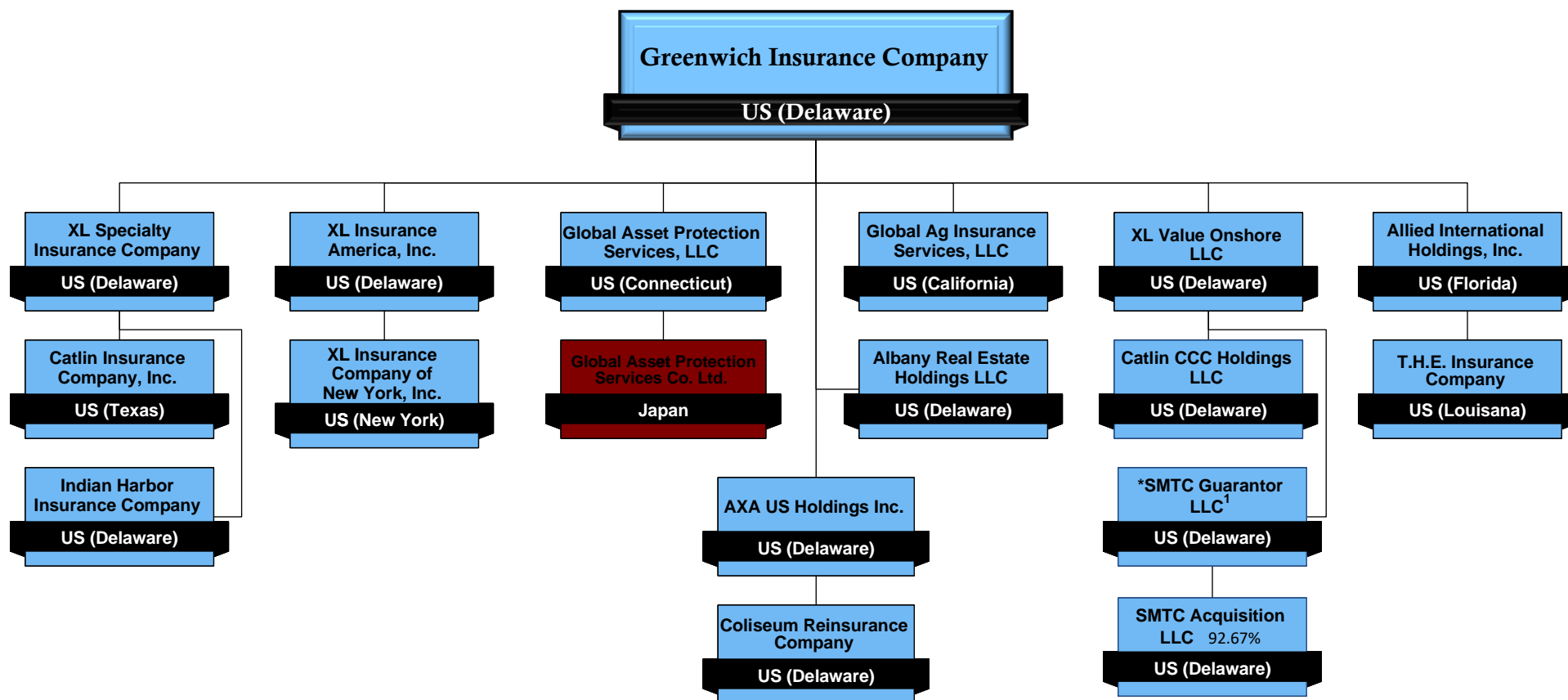


***Note:**
1. <1% owned by XL (Brazil) Holdings Ltda.
2. 20% ownership of XL Re Latin America Argentina SA



***Note:**

- 1. X.L. America, Inc. - General Partner; XL Bermuda Ltd – Limited Partner
- 2. General Partner of XL Innovate Partners, LP; Limited Partner of XL Innovate Fund, LP
- 3. 1.245% General Partner of XL Innovate Fund, LP



***Note:**

1. 92.67% ownership of SMTC Acquisition LLC (the remaining 7.33% is NOT owned by AXA XL).

Appendix 2 - XL Bermuda Ltd IFRS Consolidated Audited Financial Statements as at December 31, 2023



**XL Insurance
Reinsurance**



XL Bermuda Ltd

**Consolidated Financial
Statements for the Years Ended
December 31, 2023 and 2022**

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Report of Independent Auditors

The Board of Directors
XL Bermuda Ltd

Opinion

We have audited the consolidated financial statements of XL Bermuda Ltd (the Company), which comprise the consolidated statement of financial position as of December 31, 2023 and 2022, and the related consolidated statement of profit or loss, comprehensive income, changes in equity and cash flows for the years then ended, and the related notes (collectively referred to as the “financial statements”).

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Company at December 31, 2023 and 2022 and the results of its operations and its cash flows for the years then ended in accordance with International Financial Reporting Standards.

Basis for opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor’s Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Company and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Emphasis of Matter

As discussed in Note 2 to the consolidated financial statements, the Company adopted IFRS 17 “Insurance Contracts”, effective January 1, 2023. Our opinion is not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with International Financial Reporting Standards, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Company’s ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free of material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Ernst & Young LLP

April 29, 2024

CONSOLIDATED STATEMENT OF FINANCIAL POSITION

Notes	(US Dollars in thousands)	December 31, 2023	December 31, 2022 restated	January 1, 2022 restated
5	Goodwill	1,064,804	1,059,512	1,108,541
6	Other intangible assets	578,483	642,325	708,574
	Intangible assets	1,643,287	1,701,837	1,817,115
	Investments in real estate properties	1,135,717	1,135,096	1,144,083
	Financial investments	42,327,255	39,096,241	45,557,744
7	Investments from insurance activities	43,462,973	40,231,337	46,701,827
8	Investments accounted for using the equity method	88,446	68,014	31,484
	Assets arising from reinsurance contracts held	17,957,591	16,282,660	16,240,891
11	Assets arising from insurance contracts, investment contracts, and reinsurance contracts held	17,957,591	16,282,660	16,240,891
	<i>of which Present Value of Future Cash Flows</i>	<i>17,294,147</i>	<i>15,600,125</i>	<i>15,543,346</i>
	<i>of which Risk Adjustment for non-financial risk</i>	<i>535,491</i>	<i>565,547</i>	<i>577,305</i>
	<i>of which Contractual Service Margin</i>	<i>127,953</i>	<i>116,987</i>	<i>120,239</i>
14	Derivative assets	81,390	58,829	10,908
	Tangible assets	275,427	265,725	335,192
13	Deferred tax assets	675,935	560,090	404,777
	Other assets	1,032,751	884,644	750,877
	Current tax receivables	80,745	124,150	129,144
	Other receivables	316,101	284,657	253,103
9	Receivables	396,846	408,806	382,247
	Assets held for sale	10,000	25,100	11,924
	Cash and cash equivalents	1,275,197	2,535,964	2,507,572
	TOTAL ASSETS	65,867,090	62,138,362	68,443,936

CONSOLIDATED STATEMENT OF FINANCIAL POSITION AS AT DECEMBER 31, 2023 AND 2022

Notes	(US Dollars in thousands)	December 31, 2023	December 31, 2022 restated	January 1, 2022 restated
	Shareholder's Equity - Company share	12,651,633	11,763,334	12,632,164
	<i>of which Net income - Company share</i>	<i>2,039,972</i>	<i>1,149,827</i>	<i>1,286,331</i>
	Minority interests	(482)	428	4,367
10	TOTAL SHAREHOLDER'S EQUITY	12,651,151	11,763,762	12,636,531
	Financing debt instruments issued	12,471	14,598	14,856
	Financing debt	12,471	14,598	14,856
	Liabilities arising from insurance contracts and investment contracts with discretionary participation features	49,619,691	47,404,409	52,819,375
11	Liabilities arising from insurance contracts, investment contracts, and reinsurance contracts held	49,619,691	47,404,409	52,819,375
	<i>of which Present Value of Future Cash Flows</i>	<i>48,081,799</i>	<i>45,749,629</i>	<i>51,013,769</i>
	<i>of which Risk Adjustment for non-financial risk</i>	<i>1,401,004</i>	<i>1,512,519</i>	<i>1,642,502</i>
	<i>of which Contractual Service Margin</i>	<i>136,887</i>	<i>142,260</i>	<i>163,105</i>
	Provisions for risks and charges	224,672	194,869	267,028
14	Derivative liabilities	147,273	129,606	29,651
13	Deferred tax liabilities	136,024	98,332	127,866
	Other liabilities	283,297	227,937	157,517
	Other debt instruments issued, notes and bank overdrafts	638,851	214,907	-
	Current tax payables	291,958	293,544	118,876
	Collateral debts relating to investments under a lending agreement or equivalent	768,517	795,099	852,430
	Other payables	1,376,484	1,229,236	1,577,323
12	Payables	3,075,809	2,532,786	2,548,629
	TOTAL SHAREHOLDER'S EQUITY AND LIABILITIES	65,867,090	62,138,362	68,443,936

CONSOLIDATED STATEMENT OF PROFIT OR LOSS

Notes	(US Dollars in thousands)	December 31, 2023	December 31, 2022 restated
	Insurance revenues	19,746,281	20,246,744
	Revenues from other activities	96,547	98,115
15	Revenues from all activities	19,842,828	20,344,859
	Insurance service expenses	(15,401,070)	(18,263,350)
	Net expenses from reinsurance contracts held	(2,292,681)	(759,495)
	Expenses from other activities	(48,746)	(42,874)
17	Expenses from all activities	(17,742,497)	(19,065,719)
	Result from all activities	2,100,331	1,279,140
16	Investment return	1,123,444	951,169
	Net finance income or expenses from insurance contracts issued	(611,249)	(705,869)
	Net finance income or expenses from reinsurance contracts held	164,466	270,123
	Net finance income or expenses from insurance and reinsurance contracts	(446,783)	(435,745)
	Financial result excluding financing debt expenses	676,661	515,423
	Other income and expenses	(293,459)	(363,441)
	Change in impairment of goodwill and other intangible assets	(1,250)	-
	Other operating income and expenses	(294,709)	(363,441)
	Operating profit before tax	2,482,282	1,431,122
	Income (net of impairment) from investment accounted for using the equity method	31,978	25,444
	Financing debt expenses	(31,586)	(38,558)
	Profit before tax	2,482,674	1,418,008
13	Income tax	(442,609)	(268,405)
	Net income	2,040,065	1,149,603
	Split between		
	Net income - Company share	2,039,972	1,149,827
	Net consolidated income - Minority interests	93	(224)

CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME

(US Dollars in thousands)

	December 31, 2023	December 31, 2022 restated
Net income	2,040,065	1,149,603
Changes in fair value of financial instruments (a)	1,173,503	(3,775,088)
Net finance income and expenses from insurance contracts issued	(1,475,607)	4,364,973
Net finance income and expenses from reinsurance contracts held	604,840	(1,656,556)
Foreign currency translation differences	45,223	(201,270)
Items that may be reclassified subsequently to Profit or Loss	347,958	(1,267,940)
Realized capital gains or losses on equity instruments, without recycling in Profit or Loss	22,772	11,944
Change in fair value of equity instruments, without recycling in Profit or Loss (b)	12,617	(52,969)
Employee benefits actuarial gains and losses	(13,265)	35,080
Items that will not be reclassified subsequently to Profit and Loss	22,124	(5,946)
Other comprehensive income, net of tax	370,082	(1,273,886)
TOTAL COMPREHENSIVE INCOME FOR THE PERIOD	2,410,147	(124,283)
<i>Split between:</i>		
Comprehensive Income - Company share	2,410,859	(128,830)
Comprehensive Income - Minority interests	(712)	4,547

(a) Including changes in the fair value of cash flows hedge reserve and cost of hedging reserve.

(b) Including changes in the fair value hedge reserve of equity instruments.

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

<i>(US Dollars in thousands) (except for number of shares and nominal value)</i>	Number of shares (in thousands)	Nominal value	Paid-in capital	Other reserves recognized through OCI	Undated subordinated debts	Translation reserves	Employee benefits	Retained earnings	Shareholder's equity Company share	Minority interests	Total shareholder's equity
Restated Shareholder's equity opening January 1, 2023	12,500,000	0.10	13,753,512	(1,113,093)	-	(189,692)	(188,126)	(499,267)	11,763,334	428	11,763,762
Return of capital to parent			(1,530,000)	-	-	-	-	-	(1,530,000)	-	(1,530,000)
Others (including impact on change in scope)			-	-	-	-	-	7,440	7,440	(198)	7,241
Dividends paid			-	-	-	-	-	-	-	-	-
Impact of transactions with shareholders			(1,530,000)	-	-	-	-	7,440	(1,522,560)	(198)	(1,522,759)
Net income			-	-	-	-	-	2,039,972	2,039,972	93	2,040,065
Other comprehensive income			-	316,157	-	45,223	(13,265)	22,772	370,887	(805)	370,082
Total comprehensive income for the year			-	-	-	-	-	-	-	-	-
Shareholder's equity closing December 31, 2023	12,500,000	0.10	12,223,512	(796,935)	-	(144,469)	(201,391)	1,570,916	12,651,633	(482)	12,651,151

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022

<i>(US Dollars in thousands) (except for number of shares and nominal value)</i>	Number of shares (in thousands)	Nominal value	Paid-in capital	Other reserves recognized through OCI	Undated subordinated debts	Translation reserves	Employee benefits	Retained earnings	Shareholder's equity Company share	Minority interests	Total shareholder's equity
Shareholder's equity opening January 1, 2022, as previously reported	12,500,000	-	14,493,512	1,064,909	-	6,073	(223,206)	(2,204,496)	13,136,793	2,538	13,139,332
Adjustment on initial application of IFRS 17 and IFRS 9, net of tax	-	-	-	(1,053,591)	-	5,504	-	543,458	(504,629)	1,829	(502,800)
Shareholder's equity opening January 1, 2022, restated	12,500,000	-	14,493,512	11,318	-	11,577	(223,206)	(1,661,037)	12,632,164	4,367	12,636,531
Return of capital to parent	-	-	(740,000)	-	-	-	-	-	(740,000)	-	(740,000)
Others (including impact on change in scope)	-	-	-	-	-	-	-	-	-	(8,486)	(8,486)
Dividends paid	-	-	-	-	-	-	-	-	-	-	-
Impact of transactions with shareholders	-	-	(740,000)	-	-	-	-	-	(740,000)	(8,486)	(748,486)
Net income	-	-	-	-	-	-	-	1,149,827	1,149,827	(224)	1,149,603
Other comprehensive income	-	-	-	(1,124,411)	-	(201,270)	35,080	11,944	(1,278,657)	4,771	(1,273,886)
Total comprehensive income for the year	-	-	-	(1,124,411)	-	(201,270)	35,080	1,161,771	(128,830)	4,547	(124,283)
Shareholder's equity closing December 31, 2022, restated	12,500,000	-	13,753,512	(1,113,093)	-	(189,692)	(188,126)	(499,267)	11,763,334	428	11,763,762

CONSOLIDATED STATEMENT OF CASH FLOWS

(US Dollars in thousands)

	December 31, 2023	December 31, 2022 restated
Net income from operating activities before tax	2,482,674	1,418,008
Net amortization expense	90,079	108,704
Change in goodwill impairment and other intangible assets impairment	1,250	-
Net increase / (write back) in impairment on investments and tangible assets	29,619	9,105
Change in fair value of assets and liabilities at fair value through profit or loss	38,509	120,033
Net change in liabilities arising from insurance and investment contracts	(281,551)	(820,110)
Net increase / (write back) in other provisions	25,234	(60,444)
Income (net of impairment) from investment accounted for using the equity method	(31,978)	(25,444)
Adjustment of non cash balances included in the operating income before tax	(128,837)	(668,156)
Net realized gains and losses	32,359	22,343
Financing debt expenses	36,652	38,558
Adjustment of balances included in operating income before tax for reclassification to investing or financing activities	69,011	60,902
Dividends recorded during the period	(132,899)	(170,854)
Investment income & expense recorded in profit or loss during the period	(1,078,047)	(936,264)
Adjustment of transactions from accrued to cash basis	(1,210,946)	(1,107,117)
Net cash impact of deposit accounting	(66,240)	(69,381)
Dividends and interim dividends collected	89,966	78,529
Investment income	1,170,192	1,005,841
Investment expense (excluding interests on financing and undated subordinated debts, margin calls and others)	(111,195)	(77,680)
Change in operating receivables and payables	(373,524)	583,722
Net cash provided by other assets and liabilities	299,275	(546,465)
Tax expenses paid	(346,336)	(208,715)
Other operating cash impact and non cash adjustment	75,657	131,514
Net cash impact of transactions with cash impact not included in the operating income before tax	737,793	897,365
NET CASH PROVIDED/(USED) BY OPERATING ACTIVITIES	1,949,695	601,001
Purchase of subsidiaries and affiliated companies, net of cash acquired	(8,044)	(14,000)
Disposal of subsidiaries and affiliated companies, net of cash ceded	24,854	-
Net cash related to changes in scope of consolidation	16,810	(14,000)
Sales of debt instruments	5,735,320	7,512,994
Sales of equity instruments and non-consolidated investment funds	678,215	530,659
Sales of investment properties held directly or not	79,646	66,144
Sales and/or repayment of loans and other assets	39,878	244,763
Net cash related to sales and repayments of investments	6,533,058	8,354,560
Purchases of debt instruments	(7,364,882)	(7,191,231)
Purchases of equity instruments and non-consolidated investment funds	(548,982)	(619,438)
Purchases of investment properties held direct or not	(71,606)	(100,141)
Purchases and/or issues of loans and other assets	(117,492)	(139,304)
Net cash related to purchases and issuance of investments	(8,102,962)	(8,050,114)
Purchases of tangible and intangible assets	(85,627)	(21,941)
Net cash related to sales and purchases of tangible and intangible assets	(85,627)	(21,941)
Increase in collateral payable / Decrease in collateral receivable	1,617,672	1,831,514
Decrease in collateral payable / Increase in collateral receivable	(1,665,555)	(1,862,752)
Net cash impact of assets lending/borrowing collateral receivables and payables	(47,882)	(31,238)

NET CASH PROVIDED / (USED) BY INVESTING ACTIVITIES	(1,686,604)	237,267
Return of capital to parent	(1,530,000)	(740,000)
Dividends payout	(198)	(1,032)
Acquisition / sale of interests in subsidiaries without change in control	-	(99)
Net cash related to transactions with shareholder	(1,530,198)	(741,131)
Cash used for financial debts repayments	(1,799)	(249)
Interests on financing debt paid	(12,555)	(13,492)
Net cash related to financing	(14,354)	(13,741)
NET CASH PROVIDED / (USED) BY FINANCING ACTIVITIES	(1,544,551)	(754,872)
CASH AND CASH EQUIVALENT AS OF JANUARY 1	2,535,964	2,507,572
Net cash provided/(used) by operating activities	1,949,695	601,001
Net cash provided/(used) by investing activities	(1,686,604)	237,267
Net cash provided/(used) by financing activities	(1,544,551)	(754,872)
Net impact of foreign exchange fluctuations and reclassification on cash and cash equivalents	20,693	(55,004)
CASH AND CASH EQUIVALENT AS OF DECEMBER 31	1,275,197	2,535,964

Note 1 General information

XL Bermuda Ltd (the “Company” or “XLB”) is an exempted company incorporated and domiciled in Bermuda and registered as a Class 4E insurer under the Insurance Act 1978. Its registered office is O’Hara House, One Bermudiana Road, Hamilton HM11 Bermuda.

The Company’s shares are wholly owned by XL Group Ltd and the ultimate parent is AXA SA, a French société anonyme that is the holding company of an international financial services group (“AXA”). Effective October 29, 2021, the Company’s direct shareholder EXEL Holdings Limited merged with indirect shareholders of the Company, XLIT Ltd and XL Group Ltd, with XL Group Ltd as the surviving company in the merger, becoming the direct shareholder of the Company. A list of the main entities included in the scope of XLB’s consolidated financial statements is provided in Note 3.1.

The Company and its operating subsidiaries are a leading provider of Property & Casualty insurance and reinsurance coverages to industrial, commercial and professional firms, insurance companies and other enterprises on a worldwide basis. The Company and its various subsidiaries operate globally through the Company’s three business operations: Insurance, Reinsurance and Risk Consulting.

1.1 Insurance operations

The Company, through its insurance operations, offers a broad range of coverages, including property, primary and excess casualty, excess and surplus lines, environmental liability, professional liability, construction, marine, energy, aviation & satellite, fine art & specie, livestock & aquaculture, accident & health and crisis management, among other risks.

1.2 Reinsurance operations

The Company, through its reinsurance operations, provides casualty, property, property catastrophe, specialty, and other reinsurance lines on a global basis with business being written on both a proportional and non-proportional treaty basis, as well as a facultative basis. Also included within reinsurance is the run-off life business, of which, most product lines are covered by 100% quota share retrocession.

1.3 Risk Consulting operations

In addition, the Company, through its risk consulting operations, offers both insurance and non-insurance clients customized risk management solutions and consulting services to understand and quantify the risks companies face or may face in the future, with the objective of avoiding preventable losses and mitigating the impact of losses that do occur.

/ Note 2 Significant accounting policies

2.1 BASIS OF PREPARATION

2.1.1 Statement of compliance

The consolidated financial statements are prepared in compliance with International Financial Reporting Standards (IFRS) and interpretations of the IFRS Interpretations Committee that are endorsed by the European Union before the end of the reporting period with a compulsory date of January 1, 2023.

The consolidated financial statements for the year ended December 31, 2023, were authorized for issue by the directors on April 24, 2024. The directors have the power to amend and reissue the financial statements.

2.1.2 Basis of accounting and going concern

The financial statements have been prepared on a going concern basis, based on the expectation that the Company will continue in operational existence for twelve months from the date of the financial statements.

The consolidated financial statements are prepared under the historical cost convention and modified by the measurement of certain financial assets and liabilities at fair value as follows:

- derivative financial instruments;
- financial instruments at fair value through profit or loss; and
- financial instruments at fair value through other comprehensive income.

2.1.3 Functional and presentation currency

The consolidated financial statements are presented in US Dollars, which is XLB's functional currency, and all values are rounded to the nearest thousand (\$'000 / US Dollars in thousands), except where otherwise indicated. Rounding differences may exist, including for percentages.

2.1.4 Use of estimates and judgments

The preparation of financial statements in accordance with IFRS requires the use of estimates and assumptions. It requires a degree of judgment in the application of the Company's accounting principles described below. The Company's most significant areas of estimation include:

- assets and liabilities arising from insurance contracts and reinsurance contracts held;
- valuation and impairment of investments;
- income taxes;
- carrying value of goodwill and intangible assets (in particular impairment tests described in Note 2.6).

While Management believes that all amounts included in the consolidated financial statements reflect the Company's best estimates and assumptions, actual results could differ materially from these estimates.

The principles set out in the Note 2 sections which follow specify the measurement methods used for these items. These methods, along with key assumptions where required, are discussed in greater depth in the Notes relating to the asset and liability items concerned where meaningful and useful.

As recommended by IAS 1, assets and liabilities are generally classified globally in the consolidated statement of financial position in increasing order of liquidity, which is more relevant for financial institutions than a classification between current and non-current items.

2.2 IFRS STANDARDS AND AMENDMENTS

2.2.1 IFRS requirements adopted on January 1, 2023

2.2.1.1 IFRS 17 - Insurance Contracts and IFRS 9 - Financial Instruments

The Company has started applying IFRS 17 - Insurance Contracts and IFRS 9 - Financial Instruments from January 1, 2023.

IFRS 17 - Insurance Contracts, published on May 18, 2017, and amended on June 25, 2020, and on December 9, 2021, was adopted by the European Union with an exemption regarding the annual cohort requirement.

IFRS 9 - Financial Instruments was issued on July 24, 2014, and adopted by the European Union on November 22, 2016, with the published effective date on January 1, 2018. However, amendments to IFRS 4 - Insurance Contracts allowed entities issuing insurance contracts within the scope of IFRS 4 to notably apply a temporary exemption from implementing IFRS 9 until the effective date of IFRS 17. In this context, XLB, eligible for this temporary exemption option, decided to defer the implementation of IFRS 9 until January 1, 2023.

Finally, an amendment to IFRS 17 “Initial Application of IFRS 17 and IFRS 9 - Comparative Information”, issued on December 9, 2021, and endorsed by the European Union on September 8, 2022, improved requirements for the comparative information to be disclosed on initial application of IFRS 17 and IFRS 9. This amendment permits entities that first apply both standards at the same time to present comparative information about a financial asset as if the classification and measurement requirements of IFRS 9 had been applied to that financial asset before. The Company decided to restate the comparative period at the first application of IFRS 9 and apply this “classification overlay”, including the impairment requirements of IFRS 9, to all eligible financial assets.

The adoption of IFRS 17 and IFRS 9 results in significant accounting changes, with an impact on XLB’s consolidated statement of financial position, consolidated statement of profit or loss, and other comprehensive income. The nature and effects of these changes are summarized below.

Impacts of adoption of IFRS 17 and IFRS 9 at the transition date (January 1, 2022)

The restated consolidated statement of financial position as at January 1, 2022, compared to the consolidated statement of financial position as at December 31, 2021, as published, highlights the following impacts of IFRS 17 and IFRS 9 at the transition date:

<i>(US Dollars in thousands)</i>	December 31, 2021 (Published)	January 1, 2022 (Restated)	Impact of the restatement
Goodwill	1,108,541	1,108,541	-
Deferred acquisition costs and equivalent	1,917,707	-	(1,917,707)
Other intangible assets	708,574	708,574	-
Intangible assets	3,734,822	1,817,115	(1,917,707)
Investments in real estate properties	1,144,083	1,144,083	-
Financial investments	45,547,079	45,557,744	10,665
Investments from insurance activities	46,691,162	46,701,827	10,665
Investments accounted for using the equity method	31,484	31,484	-
Assets arising from reinsurance contracts held	26,202,845	16,240,891	(9,961,954)
Assets arising from insurance contracts, investment contracts, and reinsurance contracts held	26,202,845	16,240,891	(9,961,954)
<i>of which Present Value of Future Cash Flows</i>	-	15,543,346	15,543,346
<i>of which Risk Adjustment for non-financial risk</i>	-	577,305	577,305
<i>of which Contractual Service Margin</i>	-	120,239	120,239
Derivative assets (a)	-	10,908	10,908
Tangible assets	335,192	335,192	-
Deferred tax assets	360,407	404,777	44,370
Other assets	695,599	750,877	55,278
Receivables arising from direct insurance and inward reinsurance operations (b)	12,283,366	-	(12,283,366)
Receivables arising from outward reinsurance operations (b)	1,623,978	-	(1,623,978)
Current tax receivables	129,136	129,144	8
Other receivables	253,959	253,103	(856)
Receivables	14,290,439	382,247	(13,908,192)
Assets held for sale	11,924	11,924	-
Cash and cash equivalents	2,507,572	2,507,572	-
TOTAL ASSETS	94,165,847	68,443,936	(25,721,911)

(a) Derivatives, presented alongside their underlying items until December 31, 2021, are reclassified in separate assets and liabilities lines in the restated statement of financial position as of January 1, 2022.

(b) Insurance and reinsurance related receivables and payables as of December 31, 2021, are reclassified in the restated statement of financial position as of January 1, 2022, due the cash basis presentation required by IFRS 17, leading to a decrease of technical liabilities and reinsurance assets of \$-9,717 million and \$-9,435 million, respectively.

<i>(US Dollars in thousands)</i>	December 31, 2021 (Published)	January 1, 2022 (Restated)	Impact of the restatement
Shareholder's equity excluding Other Comprehensive Income ("OCI") on investments and technical liabilities - Company share	12,071,884	12,620,846	548,962
OCI on investments and technical liabilities - Company share	1,064,909	11,318	(1,053,591)
Minority interests	2,538	4,367	1,829
TOTAL SHAREHOLDER'S EQUITY	13,139,332	12,636,531	(502,800)
TOTAL SHAREHOLDER'S EQUITY EXCLUDING OCI	12,297,628	12,848,419	550,791
Financing debt instruments issued	14,856	14,856	-
Financing debt	14,856	14,856	-
Liabilities arising from insurance contracts and investment contracts with discretionary participation features	64,407,124	52,819,375	(11,587,748)
Liabilities arising from insurance contracts, investment contracts, and reinsurance contracts held	64,407,124	52,819,375	(11,587,748)
<i>of which Present Value of Future Cash Flows</i>	-	51,013,769	51,013,769
<i>of which Risk Adjustment for non-financial risk</i>	-	1,642,502	1,642,502
<i>of which Contractual Service Margin</i>	-	163,105	163,105
Provisions for risks and charges	303,711	267,028	(36,683)
Derivative liabilities (a)	-	29,651	29,651
Deferred tax liabilities	155,189	127,866	(27,323)
Other liabilities	155,189	157,517	2,328
Payables arising from direct insurance and inward reinsurance operations (b)	2,566,676	-	(2,566,676)
Payables arising from outward reinsurance operations (b)	11,058,651	-	(11,058,651)
Current tax payables	118,868	118,876	8
Collateral debts relating to investments under a lending agreement or equivalent	852,430	852,430	-
Other payables	1,549,011	1,577,323	28,312
Payables (b)	16,145,636	2,548,629	(13,597,006)
TOTAL SHAREHOLDER'S EQUITY AND LIABILITIES	94,165,847	68,443,936	(25,721,911)

(a) Derivatives, presented alongside their underlying items until December 31, 2021, are reclassified in separate assets and liabilities lines in the restated statement of financial position as of January 1, 2022.

(b) Insurance and reinsurance related receivables and payables as of December 31, 2021 are reclassified in the restated statement of financial position as of January 1, 2022 due the cash basis presentation required by IFRS 17, leading to a decrease of technical liabilities and reinsurance assets of \$-9,717 million and \$-9,435 million, respectively.

The total restated shareholder's equity under IFRS 17 and IFRS 9, excluding other comprehensive income ("OCI") increased by \$551 million at transition (\$12,848 million including minority interests) as compared to total shareholder's equity (excluding OCI) under IFRS 4 and IAS 39.

<i>(US Dollars in thousands)</i>	December 31, 2021 (Published)	Net impact of IFRS 9	Net impact of IFRS 17	January 1, 2022 (Restated)
Shareholder's equity excluding Other Comprehensive Income ("OCI") on investments and technical liabilities - Company share	12,071,884	53,207	495,755	12,620,846
OCI on investments and technical liabilities - Company share	1,064,909	(58,536)	(995,055)	11,318
Minority interests	2,538	1,829	-	4,367
TOTAL SHAREHOLDER'S EQUITY	13,139,332	(3,500)	(499,300)	12,636,531
TOTAL SHAREHOLDER'S EQUITY EXCLUDING OCI	12,297,628	55,036	495,755	12,848,419

The scope of application of the OCI option is different under IFRS 17 compared to IFRS 4:

- for non-direct participating contracts, the impact of changes in discount rates on technical liabilities flows through OCI, which therefore partly matches the OCI on investments; both OCI components evolve in a consistent manner, mainly depending on interest rates movements, with some differences arising from duration gaps and the shape of the interest rate curves;

Further details on these impacts are provided below for both IFRS 17 and IFRS 9. For the description of the main IFRS 17 and IFRS 9 accounting principles applied by XLB, refer to paragraphs 2.7 to 2.8 and 2.12.

IFRS 17 - Insurance Contracts

Main changes resulting from the adoption of IFRS 17

IFRS 17 establishes the principles for the recognition, measurement, presentation and disclosure of insurance contracts and supersedes IFRS 4 - Insurance Contracts. It aims at being more economic and better reflecting the underlying profitability of the business, while increasing comparability across the industry.

The main changes in the measurement of insurance contracts under IFRS 17 compared to IFRS 4 are as follows:

- the present value of future cash flows ("PVFCF") is a forward looking and market consistent best estimate of future cash inflows and outflows that are now discounted;
- the recognition of a risk adjustment for non-financial risk ("RA") under IFRS 17, \$1,065 million as of January 1, 2022, net of reinsurance, which reflects the compensation required by XLB for bearing the uncertainty around the amount and timing of the future cash flows that arises from non-financial risk as insurance contracts are fulfilled. In this respect, the Company considers the 62.5th-67.5th percentile range as the adequate level of prudence on underlying insurance liabilities;
- the introduction of the Contractual Service Margin ("CSM"), \$43 million as of January 1, 2022, net of reinsurance, which represents the present value of estimated future profits attributable to the shareholders for non-onerous contracts; it is released through the statement of profit or loss over the coverage period of the contracts, as XLB provides services to policyholders;
- compared to the level at which the liability adequacy test was performed under IFRS 4, the level of aggregation of the contracts under IFRS 17 is more granular and can therefore result in more contracts being identified as onerous and losses on onerous contracts being recognized in profit or loss sooner.

IFRS 17 does not change the underlying profitability of any given insurance contract. It can only change the pattern of earnings recognition over the life of the contracts:

- for Life business, the CSM amortization profile can differ from the previous timing of profit recognition under IFRS 4 and the CSM mechanism is expected to absorb small to medium technical variances and also financial variances for direct participating contracts. However, in case of significant technical or financial shocks, some group of contracts may become onerous and trigger the recognition of a loss in profit or loss;
- for Property & Casualty, the changes relative to IFRS 4 are limited and mainly linked to the discounting of all claims reserves, a more granular onerous contract testing based on facts and circumstances, and the inclusion of a risk adjustment for non-financial risk. Earnings of this line of business are more sensitive to interest rates level (e.g. positive impact from discounting claims reserves, net of the unwind of the discount, in a rising interest rate environment).

In respect of the presentation of the consolidated statement of financial position, the other changes compared to IFRS 4 relate notably to the following:

- intangible assets decreased as a result of the removal of deferred acquisition costs ("DAC") for \$1,918 million as of January 1, 2022; these assets are henceforth implicitly embedded within the CSM under IFRS 17, whereas the goodwill was not affected by the adoption of IFRS 17;
- insurance and reinsurance related receivables and payables are no longer presented separately from technical liabilities and reinsurance assets, leading to a reduction of total assets and liabilities;
- portfolios of contracts that have asset balances and those that have liability balances are presented separately on each side of the consolidated statement of financial position.

Furthermore, in the consolidated statement of profit or loss, insurance revenue will not reflect the premiums underwritten during the year, but the premiums earned during the period, net of any investment component, corresponding to the release of the fulfillment cash flows (i.e. the expected cash flows of the period plus the related release of risk adjustment for non-financial risk) and the CSM.

Transition methods

The transition to IFRS 17 involved determining the methodology to be used for measuring the insurance contracts in force at the transition date, which is the beginning of the annual reporting period immediately preceding the date of initial application, namely January 1, 2022.

Theoretically, the transition from IFRS 4 to IFRS 17 requires applying the new standard fully retrospectively, as if it was applied from the inception of insurance contracts in force. However, if the application of this full retrospective approach ("FRA") is impracticable, the two following options are possible:

- either the modified retrospective approach ("MRA"), which consists in applying certain modifications of general requirements, to the extent that the full retrospective application is impracticable, but still with the objective to achieve the outcome as close as possible to the retrospective application, based on reasonable and supportable information available without undue cost and effort;
- or the fair value approach ("FVA"), which consists in repricing the contracts in the light of actuarial and financial parameters seen at the transition date by calculating the CSM as the positive difference between (i) the fair value of liabilities determined in accordance with IFRS 13 - Fair Value Measurement, corresponding to the price that would be required by an external party to acquire the liabilities, and (ii) the fulfillment cash flows of insurance contracts.

In practice, the Company has applied the FRA only to the liabilities for remaining coverage ("LRC") of insurance contracts measured using the Premium Allocation Approach ("PAA") and the liabilities for incurred claims ("LIC") occurred since 2019. This date aligns with the acquisition of the Company by AXA, the ultimate parent.

For the other groups of insurance contracts, different factors (such as the impossibility of running models since the inception of the contracts, the unavailability of yield curves, the lack of historical data) have made the application of the FRA impracticable. For these groups of contracts, XLB has applied the FVA, namely:

1. for long-term Life contracts, the FVA was the approach used;
2. for LIC occurred before 2019 related to non-direct participating contracts, in the absence of reasonable and supportable information (under IFRS 4, claims reserves are generally not discounted), the FVA was applied and the Company used the yield curve in force at the time of acquisition by AXA.

Other information related to transition

- Yield curves

The yield curves (including a liquidity premium) used to discount the future cash-flows at transition date, *i.e.* as at January 1, 2022, by main currencies were as follows:

Yield curve at transition corresponding to spot rate						
Maturity	EUR	USD	GBP	JPY	CHF	HKD
1	-0.4%	0.9%	1.0%	-0.1%	-0.6%	0.6%
2	-0.2%	1.2%	1.2%	-0.1%	-0.4%	1.0%
3	-0.1%	1.5%	1.3%	-0.1%	-0.3%	1.2%
5	0.1%	1.7%	1.3%	-0.1%	-0.1%	1.4%
7	0.2%	1.8%	1.2%	-0.1%	0.1%	1.5%
10	0.4%	1.9%	1.2%	0.1%	0.2%	1.6%
15	0.6%	2.0%	1.1%	0.3%	0.3%	1.8%
20	0.6%	2.1%	1.1%	0.5%	0.6%	1.9%
25	0.8%	2.1%	1.1%	0.6%	0.8%	2.1%
30	1.0%	2.1%	1.1%	0.7%	1.0%	2.3%

Besides, when retrospective approaches were used to measure the CSM and the OCI on technical liabilities at transition, yield curves have been rebuilt for 2019 - 2022. For LIC occurred before 2019, for which the Group applied the FVA, the Company used the yield curve in force at the time of acquisition by AXA.

IFRS 9 – Financial Instruments

IFRS 9 – Financial Instruments provides accounting requirements related to the classification and measurement of financial instruments and replaces IAS 39 – Financial Instruments: Recognition and Measurement. Changes in accounting policies resulting from the adoption of IFRS 9 are applied retrospectively, excluding the changes in hedge accounting that are applied prospectively from January 1, 2023, with the exception of the “cost of hedging approach” (see below) applied retrospectively. The comparative period has been restated.

The main changes in the Company’s accounting policies resulting from the adoption of IFRS 9, as well as their effects on the Company’s consolidated financial statements, are disclosed below.

Classification and measurement of financial assets

On adoption of IFRS 9, the previous IAS 39 categories of financial assets are replaced by the IFRS 9 classification categories based on how financial assets are subsequently measured (at cost, at fair value through other comprehensive value (“FV OCI”) or at fair value through profit or loss (“FV P&L”)) and determined depending on both the business model in which those financial assets are managed and their contractual cash flow characteristics. The new IFRS 9 classification requirements notably led to reclassifying some debt instruments and non-consolidated investment funds from FV OCI to FV P&L (see the tables below).

Regarding the classification options for financial assets, IFRS 9:

1. narrows the scope of the optional designation of financial assets at fair value through profit or loss by limiting it to the only situations when doing so eliminates or significantly reduces accounting mismatches that would otherwise arise from measuring those financial assets at amortized cost or at FV OCI;
2. introduces the optional FV OCI designation for qualifying investments in equity instruments, referred to as “FV OCI without recycling”; and
3. provides an option to designate a credit exposure as measured at FV P&L when an entity uses a credit derivative measured at FV P&L to manage the credit risk of this credit exposure.

Another change compared to IAS 39 lies in derivatives embedded in hybrid contracts that are not separated when the host is a financial asset in the scope of IFRS 9. Instead, the hybrid financial instrument as a whole is assessed for classification applying the general IFRS 9 approach for financial assets.

The approach applied by XLB to classify and measure its financial investments under IFRS 9 is detailed in paragraph 2.7.2.1.

Most of the Company’s financial assets are measured at fair value both before and after transition to IFRS 9, and most of the debt instruments accounted for at FV OCI under IAS 39 (debt instruments available for sale) continue to be accounted for at FV OCI under IFRS 9. The new classification and measurement requirements however resulted in the changes detailed hereafter.

The following table sets out the reclassifications from the original categories under IAS 39 to the new categories under IFRS 9 for each class of financial assets included in investments from insurance activities in the Company’s consolidated statement of financial position as at January 1, 2022.

Reclassification of financial assets (IAS 39 versus IFRS 9) as of January 1, 2022

<i>(US Dollars in thousands)</i>	Original carrying amount under IAS 39 December 31, 2021 (a)	IFRS 9 remeasurement	New carrying amount under IFRS 9 January 1, 2022
Debt instruments	41,079,710	(320)	41,079,390
FV OCI (Available for Sale) IAS 39 / FV OCI IFRS 9	37,929,315	-	37,929,315
FV OCI (Available for Sale) IAS 39 / FV P&L - FV Option IFRS 9	-	-	-
FV OCI (Available for Sale) IAS 39 / FV P&L - Mandatory IFRS 9	35,747	-	35,747
FV P&L IAS 39 / FV OCI IFRS 9	13,187	-	13,187
FV P&L IAS 39 / FV P&L - FV Option IFRS 9	-	-	-
FV P&L IAS 39 / FV P&L - Mandatory IFRS 9	2,865,908	-	2,865,908
Amortized Cost (Loans & Receivables) IAS39 / Amortized Cost IFRS 9	235,554	(320)	235,234
Equity instruments	377,526	-	377,526
FV OCI (Available for Sale) IAS 39 / FV OCI without recycling to P&L IFRS 9	377,526	-	377,526
FV P&L IAS 39 / FV OCI without recycling to P&L IFRS 9	-	-	-
FV P&L IAS 39 / FV P&L - Mandatory IFRS 9	-	-	-
Non controlled investment funds	3,262,905	-	3,262,905
FV OCI (Available for Sale) IAS 39 / FV P&L - Mandatory IFRS 9	1,448,941	-	1,448,941
FV P&L IAS 39 / FV P&L - Mandatory IFRS 9	1,813,965	-	1,813,965
Other assets held by controlled investment funds	617,293	-	617,293
FV P&L IAS 39 / FV P&L - FV Option IFRS 9	617,293	-	617,293
Loans	220,813	(205)	220,608
Amortized Cost (Loans & Receivables) IAS 39 / Amortized Cost IFRS 9	220,813	(205)	220,608
Amortized Cost (Loans & Receivables) IAS 39 / FV P&L - FV Option IFRS 9	-	-	-
Amortized Cost (Loans & Receivables) IAS 39 / FV P&L - Mandatory IFRS 9	-	-	-
Assets backing contracts where the financial risk is borne by policyholders	-	-	-
FV P&L IAS 39 / FV P&L - Mandatory IFRS 9	-	-	-
TOTAL	45,558,248	(525)	45,557,723

(a) Adjusted for items transferred out of Financial Investments, mainly derivatives, presented alongside their underlying financial instruments as of December 31, 2021, reclassified in separate assets and liabilities lines in the statement of financial position as of January 1, 2022.

On the basis of the opening consolidated statement of financial position as of January 1, 2022:

- some debt instruments and non-consolidated funds, for a total of \$1,484.7 million, were reclassified from FV OCI to FV P&L with unrealized gains of \$42.3 million transferred from OCI to retained earnings, either because those instruments do not meet the Solely Payments of Principal and Interest (SPPI) criteria or because the optional designation at FV P&L is applied;
- for equity securities, as the IAS 39 category FV OCI with recycling of realized gains and losses in profit or loss (equity instruments available for sale) is no longer permitted under IFRS 9, XLB applies the optional designation at FV OCI without recycling for most of equity securities held, in order to avoid a significant new volatility in resulting from this asset class, compared to the previous IAS 39 accounting. The total carrying value of equity instruments designated at FV OCI without recycling represented \$377.5 million (of which \$135 million of net unrealized gains accumulated in OCI);
- some debt instruments, for a total of \$13.2 million, were reclassified from FV P&L to FV OCI; cumulated changes in fair value of those debt instruments are no longer recognized in profit or loss but in OCI. A fair value gain of \$0.5 million would have been recognized in profit or loss in 2022 if those debt instruments had not been reclassified; the interest revenue on these instruments recognized in profit or loss under IFRS 9 in the 2022 restated Consolidated Financial Statements, amounted to \$0.3 million.

The following table sets out the reclassifications from the original categories under IAS 39 to the new categories under IFRS 9 for each class of the Company's financial assets as at January 1, 2023.

Reclassification of financial assets (IAS 39 versus IFRS 9) as of January 1, 2023:

<i>(US Dollars in thousands)</i>	Original carrying amount under IAS 39 December 31, 2022 (a)	IFRS 9 remeasurement	New carrying amount under IFRS 9 January 1, 2023
Debt instruments	34,619,196	(381)	34,618,815
FV OCI (Available for Sale) IAS 39 / FV OCI IFRS 9	32,452,250	-	32,452,250
FV OCI (Available for Sale) IAS 39 / FV P&L - FV Option IFRS 9	-	-	-
FV OCI (Available for Sale) IAS 39 / FV P&L - Mandatory IFRS 9	7,998	-	7,998
FV P&L IAS 39 / FV OCI IFRS 9	5,317	-	5,317
FV P&L IAS 39 / FV P&L - FV Option IFRS 9	-	-	-
FV P&L IAS 39 / FV P&L - Mandatory IFRS 9	1,890,420	-	1,890,420
Amortized Cost (Loans & Receivables) IAS39 / Amortized Cost IFRS 9	263,211	(381)	262,830
Equity instruments	351,921	-	351,921
FV OCI (Available for Sale) IAS 39 / FV OCI without recycling to P&L IFRS 9	351,921	-	351,921
FV P&L IAS 39 / FV OCI without recycling to P&L IFRS 9	-	-	-
FV P&L IAS 39 / FV P&L - Mandatory IFRS 9	-	-	-
Non controlled investment funds	3,233,129	-	3,233,129
FV OCI IAS 39 (Available for Sale) / FV P&L - Mandatory IFRS 9	1,515,073	-	1,515,073
FV P&L IAS 39 / FV P&L - Mandatory IFRS 9	1,718,056	-	1,718,056
Other assets held by controlled investment funds	634,159	-	634,159
FV P&L IAS 39 / FV P&L - FV Option IFRS 9	634,159	-	634,159
Loans	258,382	(165)	258,217
Amortized Cost (Loans & Receivables) IAS 39 / Amortized Cost IFRS 9	258,382	(165)	258,217
Amortized Cost (Loans & Receivables) IAS 39 / FV P&L - FV Option IFRS 9	-	-	-
Amortized Cost (Loans & Receivables) IAS 39 / FV P&L - Mandatory IFRS 9	-	-	-
Assets backing contracts where the financial risk is borne by policyholders	-	-	-
FV P&L IAS 39 / FV P&L - Mandatory IFRS 9	-	-	-
TOTAL	39,096,787	(546)	39,096,241

(a) Adjusted for items transferred out of Financial Investments, mainly derivatives, presented alongside their underlying financial instruments as of December 31, 2022, reclassified in separate assets and liabilities lines in the statement of financial position as of January 1, 2023.

Impairment of financial assets

The impairment model under IFRS 9 reflects expected credit losses (“ECL”), as opposed to incurred credit losses under IAS 39. Under the IFRS 9 impairment approach, it is no longer necessary for a credit event to have occurred before credit losses are recognized. Instead, an entity always accounts for expected credit losses and changes in those expected credit losses.

The Company's IFRS 9 impairment approach is detailed in paragraph 2.7.2.2.

The following table presents the reconciliation between the balances of cumulated impairment allowances under IAS 39 and cumulated ECL allowances under IFRS 9 as of January 1, 2022.

Reconciliation of impairment allowances on financial assets (IAS 39 versus IFRS 9) as of January 1, 2022
(US Dollars in thousands)

	Impairment allowance under IAS 39	IFRS 9 remeasurement	ECL allowance under IFRS 9
Debt instruments	(14,057)	(9,406)	(23,463)
FV OCI (Available for Sale) IAS 39 / FV OCI IFRS 9	(14,057)	(9,086)	(23,143)
FV OCI (Available for Sale) IAS 39 / FV P&L - Mandatory IFRS 9	-	-	-
Amortized Cost (Loans & Receivables) IAS 39 / Amortized Cost IFRS 9	-	(320)	(320)
Equity instruments	(33,528)	33,528	-
FV OCI (Available for Sale) IAS 39 / FV OCI without recycling to P&L IFRS 9	(33,528)	33,528	-
Non controlled investment funds	(16,940)	16,940	-
FV OCI (Available for Sale) IAS 39 / FV P&L - Mandatory IFRS 9	(16,940)	16,940	-
Loans	(8,883)	(205)	(9,088)
Amortized Cost (Loans & Receivables) IAS39 / Amortized Cost IFRS 9	(8,883)	(205)	(9,088)
Amortized Cost (Loans & Receivables) IAS39 / FV P&L - Mandatory IFRS 9	-	-	-
TOTAL	(73,408)	40,858	(32,550)

The application of the new IFRS 9 impairment requirements generates the following impacts on the Company's opening consolidated statement of financial position as of January 1, 2022:

- for FV OCI equity instruments, unlike IAS 39, no impairment is required under IFRS 9. As mentioned above, XLB applies the optional designation at FV OCI without recycling for most of equity securities held. As a consequence of this designation, the cumulated amount of IAS 39 impairment allowances, \$33.5 million, was transferred from retained earnings to OCI without recycling, with no impact on the Company's total consolidated shareholder's equity;
- for non-consolidated investment funds reclassified from FV OCI to FV P&L, the cumulated amount of IAS 39 impairment allowances, \$16.9 million, was removed without any impact on the Company's retained earnings;
- for debt instruments and loans measured at FV OCI or at cost under both IAS 39 and IFRS 9, the application of new impairment requirements results in limited additional impairment allowances (\$-9.6 million).

The following table presents the reconciliation between the balances of cumulated impairment allowances under IAS 39 and cumulated ECL allowances under IFRS 9 as of January 1, 2023.

Reconciliation of impairment allowances on financial assets (IAS 39 versus IFRS 9) as of January 1, 2023
(US Dollars in thousands)

	Impairment allowance under IAS 39	IFRS 9 remeasurement	ECL allowance under IFRS 9
Debt instruments	(15,564)	(9,253)	(24,818)
FV OCI (Available for Sale) IAS 39 / FV OCI IFRS 9	(15,451)	(8,986)	(24,437)
FV OCI (Available for Sale) IAS 39 / FV P&L - Mandatory IFRS 9	(114)	114	-
Amortized Cost (Loans & Receivables) IAS 39 / Amortized Cost IFRS 9	-	(381)	(381)
Equity instruments	(46,831)	46,831	-
FV OCI (Available for Sale) IAS 39 / FV OCI without recycling to P&L IFRS 9	(46,831)	46,831	-
Non controlled investment funds	(40,592)	40,592	-
FV OCI (Available for Sale) IAS 39 / FV P&L - Mandatory IFRS 9	(40,592)	40,592	-
Loans	-	(165)	(165)
Amortized Cost (Loans & Receivables) IAS39 / Amortized Cost IFRS 9	-	(165)	(165)
Amortized Cost (Loans & Receivables) IAS39 / FV P&L - Mandatory IFRS 9	-	-	-
TOTAL	(102,987)	78,005	(24,982)

Classification and measurement of financial liabilities

IFRS 9 requirements for financial liabilities remain largely unchanged compared to IAS 39, except for the changes in fair value of financial liabilities that are optionally designated at fair value through profit or loss.

Under IAS 39, the entire amount of those changes was recorded in profit or loss, whereas IFRS 9 requires an entity to recognize the portion thereof attributable to changes in the credit risk of that liability in other comprehensive income, unless this treatment would create or enlarge an accounting mismatch in profit or loss.

Hedge accounting

When first applying IFRS 9, an entity may make an accounting policy choice to continue applying the hedge accounting requirements in IAS 39, instead of those in IFRS 9. XLB decided to apply IFRS 9 requirements for all hedges with the exception of portfolio fair value hedges of interest rate risk (commonly referred to as “fair value macro hedges”). For the latter, XLB continues applying the hedge accounting requirements currently in IAS 39 as allowed by the IASB that is addressing macro hedge accounting as a separate project.

IFRS 9 establishes a more principle-based approach for the general hedge accounting model and aligns hedge accounting more closely with risk management.

In particular, IFRS 9 introduces the possibility to apply prospectively from January 1, 2023, the hedge accounting for fair value hedges of equity instruments designated at fair value through OCI, that implies to record in OCI, without recycling into profit or loss, the changes in fair value of both the hedged equity instrument and the derivative.

In addition, IFRS 9 provides a new accounting mechanism, applicable retrospectively from January 1, 2023, designed to reduce the volatility in profit or loss and referred to as “cost of hedging approach”, for the situations where only a part of a derivative is designated as the hedging instrument (for example, changes in intrinsic value of a purchased option or changes in the spot element of a forward contract).

IFRS 9 accounting for derivative instruments and hedge relationships applied by XLB is detailed in paragraph 2.8.

Most of the Company’s hedge accounting relationships documented under IAS 39 are considered as continuing hedge relationships under IFRS 9.

Reconciliation of the carrying value of derivative instruments (IAS 39 versus IFRS 9) as of January 1, 2023:

<i>(US Dollars in thousands)</i>	Original carrying amount under IAS 39 December 31, 2022	Reclassification	New carrying amount under IFRS 9 January 1, 2023
Derivative instruments used in fair value hedges	(4,732)	-	(4,732)
Derivative instruments used in cash flow hedges	(11,627)	-	(11,627)
Derivative instruments used in hedges of net investment in a foreign operation	(79,252)	-	(79,252)
Other derivative instruments ^(a)	39,129	-	39,129
TOTAL	(56,482)	-	(56,482)

(a) Derivative instruments used in IAS 39 macro-hedges, natural hedges or in IFRS 17 risk mitigation.

Change in the presentation of derivative instruments

In previous reporting periods, XLB disclosed derivative instruments, in its consolidated statement of financial position, alongside their underlying assets or liabilities. Thus, for each line of assets or liabilities concerned, a net economic position was presented.

Together with the first application of IFRS 9, XLB has decided to modify the presentation of its derivative instruments to display them in separate lines of its consolidated statement of financial position, as either an asset or a liability depending upon the fair value position at the reporting date, with no offsetting.

In the restated Company’s consolidated statement of financial position as of January 1, 2022, the derivative assets and liabilities lines represented respectively \$10.9 million and \$29.7 million, the net balance of \$18.7 million, mostly resulting from derivatives previously classified within the investments.

2.2.1.2 Other IFRS amendments adopted on January 1, 2023

Amendments to IAS 12 - Deferred Tax Related to Assets and Liabilities Arising from a Single Transaction

Amendments to IAS 12 - Income Taxes published on May 7, 2021 narrow the scope of the exemption from the recognition of deferred tax liabilities and assets. This exemption no longer applies to transactions that, on initial recognition, give rise to equal taxable and deductible temporary differences. These amendments mainly concern lease transactions of the Company. As a result, on initial recognition of a lease, XLB needs to assess the tax bases of the right-of-use and the lease liability by identifying the amounts attributable to them for tax purposes. Then, if the taxable and the deductible temporary differences are equal, a deferred tax liability related to the right-of-use and a deferred tax asset related to the lease liability are recognized.

Amendments to IAS 12: International tax reform Pillar Two model rules

The international tax reform released by Organization for Economic Cooperation and Development (OECD), known as Pillar Two, aims to ensure that an effective taxation of 15% is reached in each jurisdiction where multinational groups operate. This OECD tax reform will be effective in France, where the AXA Group head office is located, starting for the 2024 fiscal year. As a result, AXA Group will determine the effective tax rate based on Pillar 2 rules in each jurisdiction where it operates, and, if this rate is lower than the minimum 15% rate, an additional tax liability will be payable.

Amendments to IAS 12 - Income Taxes, issued by the IASB on May 23, 2023, and endorsed by the European Union on November 8, 2023, introduce a mandatory temporary exception in IAS 12 prohibiting both the recognition and disclosure of deferred tax assets and deferred tax liabilities that arise from the implementation of the OECD Pillar Two model rules.

On December 27, 2023, the Government of Bermuda enacted the Corporate Income Tax Act 2023 ("The Act"), which will apply a 15% corporate income tax to certain Bermuda businesses in fiscal years beginning on or after January 1, 2025. The Company expects to be subject to this corporate income tax starting for the 2025 fiscal year. The Act includes a provision for an opening tax loss carry forward which is intended to provide a fair and equitable transition into the tax regime. Pursuant to this legislation, the Company recorded a one time \$129 million deferred tax asset in the fourth quarter of 2023 in relation to the projected tax loss carry forward, which will be available to utilize against future taxable earnings of the Bermuda business.

Other IFRS amendments

The application of the amendments below as of January 1, 2023, had no material impact on the XLB's Consolidated Financial Statements:

Amendments	Publication date	Topic
IAS 1 - Presentation of Financial Statements and IFRS Practice Statement 2: Disclosure of Accounting policies	February 12, 2021	The amendments to IAS 1 require entities to disclose their "material accounting policy information" rather than their "significant accounting policies". IFRS Practice Statement 2 Making Materiality Judgments is modified accordingly to support these amendments.
IAS 8 - Accounting policies, Changes in Accounting Estimates and Errors: Definition of Accounting Estimates	February 12, 2021	The amendments introduce a definition of "accounting estimates" and other changes to help entities distinguish changes in accounting policies from changes in accounting estimates.

2.2.2 Standards and amendments published but not yet effective

Amendments	Publication date	Effective for annual periods beginning on or after	Topic
IAS 1 - Presentation of Financial Statements: - Classification of Liabilities as Current or Non-current; - Classification of Liabilities as Current or Non-current – Deferral of Effective Date; - Non-current Liabilities with Covenants	January 23, 2020, July 15, 2020, October 31, 2022	January 1, 2024 ^(a)	The amendments clarify requirements in IAS 1 for the presentation of liabilities in the statement of financial position and improve the information an entity provides when its right to defer settlement of a liability for at least twelve months is subject to compliance with covenants.
IFRS 16 - Leases: Lease Liability in a Sale and Leaseback	September 22, 2022	January 1, 2024 ^(a)	The amendments introduce specific subsequent measurement requirements for sale and leaseback transactions.
IAS 7 - Statement of Cash Flows and IFRS 7 - Financial Instruments Disclosures: Supplier Finance Arrangements	May 25, 2023	January 1, 2024 ^{(a)(b)}	The amendments introduce specific disclosure requirements relating to the effects of supplier finance arrangements on the entity's liabilities, cash flows and its exposure to liquidity risk.
IAS 21 - The Effects of Changes in Foreign Exchange Rates: Determination of the exchange rate when there is a long-term lack of exchangeability	August 15, 2023	January 1, 2025 ^{(a)(b)}	The amendments require an entity to apply a consistent approach to assessing whether a currency is exchangeable into another currency and, when it is not, to determining the exchange rate to use and the disclosures to provide.

(a) With earlier application being permitted (subject to conditions in some cases) but not elected by the Company.

(b) Not yet endorsed by the European Union.

2.3 CONSOLIDATION

2.3.1 Scope and basis of consolidation

Companies in which XLB exercises control are subsidiaries. They are fully consolidated from the date on which control is transferred to XLB. Under IFRS 10 - Consolidated Financial Statements, XLB controls an investee when it is exposed, or has rights, to variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee. Only substantive rights (*i.e.* the holder must have the practicability to exercise them) and rights that are not protective are considered in the control evaluation.

Companies in which XLB exercises significant influence are accounted for under the equity method. Under IAS 28 - Investments in Associates and Joint Ventures, significant influence is presumed when XLB directly or indirectly holds 20% or more of the voting rights. Significant influence can also be exercised through an agreement with other shareholders.

Under the equity method, XLB's share in equity investments' post-acquisition profit or loss is recognized in the statement of profit or loss, and its share of post-acquisition movements in reserves is stated under "Other reserves".

Investment funds and real estate companies are either fully consolidated or accounted for under the equity method, depending on which conditions of IFRS 10 / IAS 28 listed above that they satisfy. Fees received by asset managers are also taken into account in the assessment of the exposure to variability of returns. For fully consolidated investment funds, minority interests are recognized at fair value and shown as liabilities in the consolidated statement of financial position, if the companies' instruments can be redeemed at any time by the holder at fair value. Investment funds accounted for using the equity method are shown under the caption "Financial investments".

2.3.2 Business combinations and subsequent changes in the Company ownership interest

In accordance with the option made available by IFRS 1 - First-time Adoption of IFRS, XLB has elected not to apply IFRS 3 - Business Combinations retrospectively to past business combinations prior to January 1, 2018, (business combinations that occurred before the date of transition to IFRS).

2.3.2.1 Business combinations of entities under common control

For business combinations of entities under common control, the acquired entities' results and balance sheet are incorporated prospectively from the date of acquisition of the entity under common control occurred. Assets and liabilities of the acquired entity are stated at predecessor carrying values adjusted to achieve uniform accounting policies. Any difference between the consideration given and aggregate carrying value of assets and liabilities of the acquired entity at the date of transaction is included in equity.

2.3.2.2 Purchase and sale of minority interests in a controlled subsidiary

Purchase and sale transactions of minority interests in a controlled subsidiary that do not change the conclusion of control are recorded through shareholder's equity (including direct acquisition costs).

If control in a subsidiary is lost, any gain or loss is recognized in net income. Furthermore, if an investment in the entity is retained by the Company, it is re-measured to its fair value and any gain or loss is also recognized in net income.

2.3.2.3 Intra-group transactions

Intra-group transactions, including internal dividends, payables/receivables and gains/losses on intra-group transactions are eliminated:

- in full for controlled subsidiaries; and
- to the extent of XLB's interest for entities accounted for using the equity method.

The effect on net income of transactions between consolidated entities is always eliminated. However, in case of a loss, an impairment test is performed in order to assess whether an impairment has to be booked.

In the event of an internal sale of an asset that is not intended to be held for the long term by the Company, deferred tax is recognized as the current tax calculated on the realized gain or loss and is eliminated.

2.4 FOREIGN CURRENCY TRANSLATION

The results and financial position of all XLB entities that have a functional currency (*i.e.* the currency of the primary economic environment in which the entity operates) different from XLB's presentational currency are translated into US Dollars as follows:

- assets and liabilities are translated at the year-end exchange rate;
- revenues and expenses are translated at the monthly average exchange rates over the period;
- all resulting foreign exchange differences are recognized as a separate component of equity (translation differences).

At the local entity level, foreign currency transactions are translated into the functional currency using the exchange rate prevailing at the date of the transactions. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation at closing rates of monetary assets and liabilities denominated in foreign currencies are recognized in the statement of profit or loss, except where hedge accounting is applied as explained in Note 2.8.

All assets and liabilities arising from insurance contracts are treated as monetary items. At each period end foreign currency monetary items are revalued using the closing rate. Non-monetary items measured at historical cost are translated using the exchange rate at the date of the transaction and non-monetary items measured at fair value are measured using the exchange rate when fair value was determined.

Assets and liabilities of foreign operations whose functional currency is not the US Dollar are then translated into the Company's US reporting currency at prevailing balance sheet date exchange rates, while revenue and expenses of such foreign operations are translated into the Company's US reporting currency at monthly average exchange rates during the year. The net effect of these translation adjustments, as well as any gains or losses on intercompany balances for which settlement is not planned or anticipated in the foreseeable future, net of applicable deferred income taxes, are included in shareholder's equity in the currency translation reserve.

Goodwill arising on the acquisition of a foreign entity is recorded in the local currency of the acquired entity and is translated into US Dollars at the closing date.

Foreign exchange differences arising from monetary financial assets at fair value through other comprehensive income ("OCI") are recognized as income or expense for the period in respect of the portion corresponding to amortized cost. The residual translation differences relating to fair value changes are recorded in OCI, like for non-monetary items such as equity securities designated at fair value through OCI without recycling.

The groups of insurance contracts that generate cash flows in one or several foreign currencies are treated as monetary items, which requires translating their carrying amounts at the end of the reporting period into the functional currency using the closing rate.

Foreign exchange differences arising from the translation of a net investment in a foreign subsidiary, borrowings and other currency instruments qualifying for hedge accounting of such investment are recorded in shareholder's equity under translation differences and are recycled in the statement of profit or loss as part of the realized gain or loss on disposal of the hedged net investment (see Note 14.2.3).

Regarding the cumulative amount of the exchange differences related to disposed business, the Company applies the step-by-step consolidation method (IFRIC 16).

2.5 FAIR VALUE MEASUREMENT

The Company applies the fair value hierarchy of IFRS 13 - Fair Value Measurement as described below for all assets and liabilities where another IFRS requires or permits fair value measurement or disclosures about fair value measurement in the Notes to the Consolidated Financial Statements. The principles below address mostly assets given the nature of the activities of the Company.

2.5.1 Assets and liabilities quoted in an active market

An asset or a liability is considered as being quoted in an active market when quoted prices are readily and regularly available from a stock exchange, dealer, broker, industry group, pricing service or regulatory agency and those prices represent actual and regularly occurring market transactions on an arm's length basis between a willing seller and a willing buyer.

The assets need to be liquid, meaning that XLB can dispose of them in the ordinary course of business within a certain limited time period at approximately the price at which the asset is valued. Liquidity for debt instruments is assessed using a multi-criteria approach including the number of quotes available, the place of issuance and the evolution of the widening of bid ask spreads.

The fair value of assets and liabilities traded on active markets is determined using quoted market prices when available. For financial instruments traded in active markets, quotes received from external pricing services represent consensus prices, *i.e.* using similar models and inputs resulting in a very limited dispersion.

The fair value of assets and liabilities for which fair value is determined in whole directly by reference to an active market is disclosed as level 1 in the Notes to the Consolidated Financial Statements.

2.5.2 Assets and Liabilities not quoted in an active market

An asset or liability is regarded as not quoted in an active market:

- if there is little observation of transaction prices as an inherent characteristic of the asset or the liability;
- when there is a significant decline in the volume and level of trading activity;
- in case of significant illiquidity;
- if observable prices cannot be considered as representing fair value because of dislocated market conditions.

Characteristics of inactive markets can therefore be very different in nature, inherent to the asset or the liability, or indicative of a change in the conditions prevailing in certain markets.

The fair value of assets and liabilities that are not traded in an active market is estimated using:

- external and independent pricing services; or
- valuation techniques.

The fair value of assets and liabilities that are not traded in an active market mainly based on observable market data are disclosed as level 2 in the Notes to the Consolidated Financial Statements. Those which are mainly not based on observable market data are disclosed as level 3.

2.5.2.1 No active market: use of external pricing services

External pricing services may be fund asset managers in the case of non-consolidated investments in funds or brokers. Where possible, XLB collects quotes from external pricing providers as inputs to measure fair value. Prices received may form tight clusters or dispersed quotes which may then lead to the use of valuation techniques. The dispersion of quotes received may be an indication of the large range of assumptions used by external pricing providers given the limited number of transactions to be observed or reflect the existence of distress transactions.

2.5.2.2 No active market: use of valuation techniques

The objective of valuation techniques is to arrive at the price at which an orderly transaction would take place between market participants (a willing buyer and a willing seller) at the measurement date. Valuation techniques include:

- market approach: the consideration of recent prices and other relevant information generated by market transactions involving substantially similar assets or liabilities;
- income approach: use of discounted cash flow analysis, option pricing models, and other present value techniques to convert future amounts to a single current (*i.e.* discounted) amount;
- cost approach: the consideration of amounts that would currently be required to construct or replace the service capacity of an asset

Valuation techniques are subjective in nature and significant judgment is involved in establishing fair values. They include recent arm's length transactions between knowledgeable willing parties on similar assets if available and representative of fair value and involve various assumptions regarding the underlying price, yield curve, correlations, volatility, default rates and other factors. Unlisted equity instruments valuation is based on cross checks using different methodologies such as discounted cash flows techniques, price-earnings ratios multiples, adjusted net asset values, taking into account recent transactions on instruments which are substantially the same if concluded at arm's length between knowledgeable willing parties, if any. The use of valuation techniques and assumptions could produce different estimates of fair value. However, valuations are determined using generally accepted models (discounted cash flows, Black & Scholes models, etc.) based on quoted market prices for similar instruments or underlying (index, credit spread, etc.) whenever such directly observable data are available and valuations are adjusted for liquidity and credit risk.

Valuation techniques may be used when there is little observation of transaction prices as an inherent characteristic of the market, when quotes made available by external pricing providers are too dispersed or when market conditions are so dislocated that observed data cannot be used or need significant adjustments. Internal mark to model valuations are, therefore, either normal market practices for certain assets and liabilities inherently scarcely traded or exceptional processes implemented due to specific market conditions.

When valuation techniques are used, the classification between levels 2 and 3 depends on the proportion of assumptions supported by observable market data used by external pricing services or, in very limited cases, by the Company.

2.5.2.3 Use of valuation techniques in dislocated markets

The dislocation of certain markets may be evidenced by various factors. For example, a very large widening of bid ask spreads may be a helpful indicator in understanding whether market participants are willing to transact. The dislocation of markets may also be suspected in case of wide dispersion in the prices (over time or among market participants), small number of transactions, closing down of primary and/or secondary markets, forced transactions motivated by needs of liquidity or other difficult financial conditions with insufficient time to market the assets to be sold, and large bulk sales to exit such markets at all costs that may involve side arrangements (such as sellers providing finance for a sale to a buyer).

In such cases, the Company uses valuation techniques including observable data whenever possible and relevant, adjusted if needed to develop the best estimate of fair value, including adequate risk premiums, or develops a valuation model based on unobservable data representing estimates of assumptions that willing market participants would use when prices are not current, relevant or available without undue costs and efforts. In inactive markets, transactions may be inputs when measuring fair value, but would likely not be determinative and unobservable data may be more appropriate than observable inputs.

2.6 INTANGIBLE ASSETS

2.6.1 Goodwill and impairment of goodwill

Goodwill represents the excess of the cost of an acquisition over the fair value of XLB's share of the net assets of an acquired subsidiary, associate or joint venture at the date of acquisition. Goodwill arising on acquisition of subsidiaries is shown as a separate intangible asset, while that on associates and joint ventures is included within the carrying value of those investments.

Goodwill on acquisitions prior to January 1, 2018, (date of transition to IFRS) is carried at its deemed cost, which represents the amount recorded under previous US GAAP principles.

Goodwill is considered to have an indefinite useful life and is therefore not amortized, but instead subject to a test for impairment at least annually.

Goodwill is allocated to XLB's Insurance and Reinsurance cash-generating units ("CGUs") according to the smallest identifiable unit to which cash flows are generated and at which goodwill is monitored for internal management purposes.

The impairment process examines whether or not the carrying value of the goodwill attributable to individual CGUs exceeds its recoverable amount. Any excess of goodwill over the recoverable amount arising from this process indicates impairment. Any impairment charges are presented as part of operational expenses. Gains and losses on the disposal of an entity include the carrying amount of goodwill relating to the entity sold. Impairment of goodwill is not reversible.

XLB performs an impairment test of goodwill by CGU, using valuation approaches that rely on parameters such as market indicators, market value of assets, market value of liabilities and future operating profits, derived on the basis of operational and economic assumptions in order to determine any significant adverse changes that might lead to the non-recoverability of the goodwill. Compliant with IAS 36 – Impairment of Assets, within each CGU, a comparison is made between net book value and the recoverable value (equal to the higher of fair value less costs to sell and value in use). Value-in-use consists of the net assets and the value placed on expected future earnings from existing and new business.

The value-in-use approach is built upon cash flow projections based on the business plans approved by XLB management and discounted using a risk adjusted rate. Cash flows beyond that period are extrapolated using a steady growth rate and a terminal value.

2.6.2 Other intangible assets

The Company's indefinite-lived intangible assets consist primarily of Lloyd's syndicate capacity and acquired insurance and reinsurance licenses. These assets are deemed to have indefinite useful lives and are therefore not subject to amortization. In accordance with IFRS, the Company tests non-amortized intangible assets for potential impairment annually, or more frequently if events or changes in circumstances indicate that the asset might be impaired. If the carrying value of a non-amortized intangible asset is in excess of its fair value, the asset must be written down to its fair value through the recognition of an impairment charge to earnings.

The Company's definite-lived intangibles consist primarily of acquired agency relationships, distribution networks, trade names, and internally-developed computer software. These assets are deemed to have defined useful lives and are amortized on a straight-line basis over the assets' estimated useful lives. The amortization periods approximate the time over which the Company expects to generate future net cash inflows from the use of these assets, and range from three to twenty years depending on the nature of the asset. In accordance with IFRS, these assets are subject to impairment testing when events or conditions indicate that the carrying value of an asset may not be fully recoverable from future cash flows. If the carrying value of a definite-lived intangible asset is in excess of its fair value, the asset must be written down to its fair value through the recognition of an impairment charge to earnings. The Company tests definite-lived intangible assets whenever events or circumstances indicate that carrying values may not be recoverable.

2.7 INVESTMENTS FROM INSURANCE ACTIVITIES

Investments from insurance activities include investments in real estate properties and financial investments.

2.7.1 Investments in real estate properties

Investments in real estate properties, including investments in real estate funds, are recognized at cost. The properties components are amortized over their estimated useful lives, also considering their residual value if it may be reliably estimated.

In case of unrealized loss over 15%, an impairment is recognized for the difference between the net book value of the investment property and the fair value of the asset based on an independent valuation. Furthermore, at the level of each reporting entity, if the cumulated amount of unrealized losses under 15% (without offsetting with unrealized gains) represents more than 10% of the

cumulated net cost of real estate assets, additional impairment is booked on a line-by-line approach until the 10% threshold is reached.

In subsequent periods, if the appraisal value rises to at least 15% more than the net carrying value, previously recorded impairment is reversed to the extent of the difference between (i) the net carrying value and (ii) the lower of the appraisal value and the depreciated cost (before impairment).

The fair value of investments in real estate properties generally cannot be determined via reference to quotes of an active market from an exchange market or service provider. Instead, AXA real estate properties are valued by qualified independent appraisers with relevant professional qualification and experience in the locations and segments of the properties to be valued.

Three main valuation methods may apply to determine the fair value of XLB real estate assets (the first two ones being the most used):

- the discounted cash flow method determines the value of the real estate property from its potential to generate future income. Thus, the value is estimated by compiling the net present value of the future cash flows. Main inputs for the valuation are: projected rental income, projected operating expenses, capital expenditures requirements, discount rate and exit yield which corresponds to the rate used to capitalize the exit rent to determine the exit value of an asset. The Group provides external appraisers with all relevant information (notably detailed rent rolls, budget, etc.) to enable them to determine future cash flows, to which they also apply their own assumptions. The discount rate and exit yield applied vary from one property to another since they are combination of the risk-free rate and the risk premium attached to each property due to its location, quality, size, and technical specificities;
- the income capitalization method determines the value of the real estate property by applying a capitalization rate at the net operating income at perpetuity. The income capitalization method can notably be used when cash flows are stable and relatively certain, mainly where the real estate asset is fully leased (with limited number of tenants) and/or no occupancy changes are expected. In that case, it may not be necessary to consider an explicit forecast period such as used under the discounted cash flow methodology and a terminal value may form the only basis for value;
- the Hardcore method is a variation of the income capitalization method and determines the value of the real estate property by applying a different capitalization rate at the net operating income depending on the type of income;

2.7.2 Financial investments

2.7.2.1 Classification of financial assets

Financial assets held by XLB include notably debt instruments, equity instruments, loans, receivables and investments in non-consolidated investments funds. These instruments are held directly or through controlled investment funds.

The classification of financial assets reflects the basis on which those assets are subsequently measured in the statement of financial position and how gains and losses generated by those assets are reported. The classification of financial assets (including the application of classification options) is assessed at initial recognition applying the guidance below and cannot be modified afterwards, unless if, in extremely rare cases, the business model in which those financial assets are held changes.

Financial assets held directly

Financial assets are classified in the three following measurement categories, based on the business model in which those financial assets are held and on the characteristics of their contractual cash flows:

- a financial asset is measured at amortized cost if both (i) the asset is held within a business model whose objective is achieved by collecting contractual cash flows from the assets held, and (ii) the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding (“SPPI”);
- if both (i) the asset is held within a business model whose objective is achieved by collecting contractual cash flows and selling financial assets (which is the major business model for XLB’s investments in debt instruments), and (ii) the contractual terms of cash flows are SPPI, the financial asset is measured at fair value through other comprehensive income (“FV OCI”) and realized gains or losses are recycled through profit or loss upon sale;
- assets not fitting either of these categories are measured at fair value through profit or loss (“FV P&L”).

In addition to the general classification guidance above, the Company uses the following classification options:

- optional FV OCI designation for investments in equity instruments (other than those held for trading), also referred to as “FV OCI without recycling”. When applying this option, all subsequent changes in fair value on concerned equity instruments are presented in OCI and never recycled to profit or loss ; however, the corresponding cumulative gains or losses are transferred to retained earnings on de-recognition. Dividends received on those instruments are recognized in profit or loss. XLB applies this optional designation for most of equity securities held except those backing contracts where the financial risk is borne by policyholders, measured at a FV P&L basis;

- optional FV P&L designation (Fair Value Option for financial assets). XLB applies this option for some financial assets that otherwise meet the requirements to be measured at amortized cost or at FV OCI, if doing so eliminates or significantly reduces an accounting mismatch in profit or loss.

Financial assets held through consolidated investment funds

Assets held through consolidated investment funds are classified:

- either as assets of the “Core Investment Portfolios” which include assets backing liabilities arising from insurance and investment contracts, managed in accordance with the XLB’s Assets and Liabilities Management (“ALM”) strategy;
- or as assets of the “Satellite Investment Portfolios”, reflecting the strategic asset allocation based on a dynamic asset management aiming at maximizing returns. Those portfolios are managed, and their performance is evaluated on a fair value basis.

Underlying financial instruments held in the “Core Investment Portfolios” are classified on a line-by-line basis as if they were held directly. Debt instruments held in those funds are managed within a business model whose objective is achieved by collecting contractual cash flows and selling financial assets and, by consequence, are measured at FV OCI to the extent that their contractual cash flows are SPPI on the principal amount outstanding.

Underlying financial instruments held in the “Satellite Investment Portfolios” are held within a business model whose objective is achieved neither by collecting contractual cash flows nor collecting contractual cash flows and selling financial assets and are, therefore, accounted for at FV P&L.

2.7.2.2 Impairment of financial investments

The impairment applies to debt instruments, loans and receivables measured at amortized cost or at FV OCI and reflects Expected Credit Losses (“ECL”) on those financial assets.

The Company measures ECL allowances at an amount equal to:

- 12-month ECL resulting from default events that are possible within the 12 months after the reporting date and recognized for financial instruments for which the credit risk has not increased significantly since initial recognition (it is also assumed that the credit risk has not increased significantly since initial recognition if the financial instrument has low credit risk at the reporting date); or
- lifetime ECL resulting from all possible default events over the expected life of the financial instrument and calculated for financial instruments for which there have been significant increases in credit risk since initial recognition, as well as for financial instruments for which a credit event has occurred since their initial recognition.

ECL for receivables that are within the scope of IFRS 9, typically outstanding for a relatively short period of time, are always measured at an amount equal to lifetime ECL.

Financial instruments for which 12-month ECL are recognized referred to as “Stage 1” financial instruments. Financial instruments for which lifetime ECL are recognized but for which no credit event has occurred are referred to as “Stage 2” financial instruments. Finally, financial instruments for which a credit event has occurred since their initial recognition are referred to as credit-impaired, or “Stage 3” financial instruments.

To perform the impairment stage allocation, at each reporting date, the Company assesses, for each financial instrument within the scope of the ECL calculation:

- whether the financial instrument has low credit risk;
- whether the credit risk on the financial instrument has increased significantly since initial recognition;
- whether the credit risk on the financial instrument previously classified in Stage 2 has improved since the previous reporting date; and
- whether a credit event (default) has occurred.

The approach used by XLB to perform the impairment stage allocation includes the following components:

- the quantitative assessment designed to detect, for all financial assets within the scope of the ECL calculation, significant increases and decreases in credit risk. This quantitative assessment is based on the XLB’s IFRS 9 rating which captures all relevant information, including forward-looking information, required to identify significant changes in credit risk since initial recognition based on fact and circumstances specific to the financial asset; and
- the qualitative assessment, based on expert judgment, performed to confirm transfers between “Stage 1” and “Stages 2 or 3” for material exposures within the scope derived from the quantitative assessment.

ECL is defined at each financial reporting date based on the key inputs which are the probability of the default, the magnitude of the potential credit loss after any potential recovery and the exposure to the risk of default determined as the financial instrument's gross carrying amount plus the accrued interests at the closing date.

The amount of ECL is updated at each reporting date to reflect changes in credit risk on the concerned financial instruments. Any increase in credit risk gives rise to an additional ECL allowance. Previously recognized ECL allowances are reversed when the corresponding credit risk improves. ECL allowances and reversals are recognized in profit or loss and, as a counterpart, affect:

- for the financial instruments measured at amortized cost, their carrying value in the statement of financial position;
- for the financial instruments measured at FV OCI, the amount of unrealized gains or losses on those instruments accumulated in the OCI.

2.7.3 Repurchase agreement and securities lending

The Company is party to repurchase agreements and securities lending transactions under which financial assets are sold to a counterparty, subject to a simultaneous agreement to repurchase these financial assets at a certain later date, at an agreed price. While substantially all of the risks and rewards of the financial assets remain with the Company over the entire lifetime of the transaction, the Company does not derecognize the financial assets. The liability in balance of the cash received is reported separately in the statement of financial position. Interest expense from repurchase and security lending transactions is accrued over the duration of the agreements.

Additionally, the Company is party to total return swaps under which financial assets are sold to a counterparty with a corresponding agreement. Cash flows equal to those of the underlying assets will be remitted to the Company in exchange for specified payments taking into account any increase or decline in the fair value of the assets. This results in substantially all of the risks and rewards of the financial assets remaining with the Company. As such, the Company does not derecognize the financial assets.

2.8 DERIVATIVE INSTRUMENTS

Derivatives are initially recognized at fair value at purchase date and are subsequently re-measured at their fair value at the reporting date. Unrealized gains and losses are recognized in the statement of profit or loss unless they relate to a qualifying hedge relationship as described below.

In the statement of financial position, derivatives are presented in separate line items, as an asset or a liability depending upon the fair value position at the reporting date, with no offsetting, regardless of whether these derivatives meet the criteria for hedge accounting.

The Company designates certain derivatives as either: (i) hedging the exposure to variability in cash flows attributable to a recognized asset or liability or a highly probable future transaction (cash flow hedge), or (ii) hedging the exposure to changes in fair value of a recognized asset or liability or an unrecognized firm commitment (fair value hedge), or (iii) hedging net investments in a foreign operation (net investment hedges).

The Company formally documents, at inception of a designated hedging relationship, its risk management objectives and strategy for undertaking the hedge. This documentation includes (i) the identification of the hedged item and of the hedging instrument, (ii) the nature of the risk being hedged, (iii) the economic relationship between the hedged item and the hedging instrument, including whether the changes in the value of the hedged item and the hedging instrument are expected to offset each other, (iv) and how the assessment of whether the hedging relationship meets the hedge effectiveness requirements will be performed, including its analysis of the sources of hedge ineffectiveness.

The hedging relationship documentation is updated on an ongoing basis.

The purpose and condition of the use of derivatives within the Company are detailed in Note 14.

2.8.1 Cash flow hedge

A separate component of equity, referred to as cash flow hedge reserve, is adjusted through other comprehensive income ("OCI") for the lower of the following amounts:

- gain or loss on the hedging instrument cumulated since inception of the hedge, and
- change in fair value of the hedged item cumulated since inception of the hedge (*i.e.* the present value of the cumulative change in the hedged expected future cash flows).

If the cumulative gain or loss on the hedging instrument exceeds the change in fair value of the hedged item (sometimes referred to as an 'over-hedge'), the related ineffectiveness is recognized in profit or loss. If the cumulative gain or loss on the hedging

instrument is lower than the change in fair value of the hedged item (sometimes referred to as an ‘under-hedge’), no ineffectiveness appears.

Cumulative gain or loss in shareholders’ equity is recycled in the statement of profit or loss when the hedged underlying item impacts the profit or loss for the period (for example when the hedged future transaction is recognized). When a hedging instrument reaches its maturity date or is sold, or when a hedge no longer qualifies for hedge accounting, the cumulative gains or losses in shareholder’s equity are released in profit or loss when the initially hedged future transaction ultimately impacts the statement of profit or loss. If the hedged future cash flows are no longer expected to occur, the cumulative gains or losses are immediately reclassified from shareholder’s equity to profit or loss.

2.8.2 Fair value hedge

Changes in the fair value of derivatives designated and qualifying as fair value hedges of equity instruments designated at FV OCI are recorded in OCI, without recycling into profit or loss, together with changes in fair value of the hedged equity instrument.

Changes in the fair value of derivatives designated and qualifying as fair value hedges of other financial instruments are recorded in the statement of profit or loss, together with any changes in the fair value of the hedged asset or liability. Therefore, the gain or loss relating to any ineffective portion is directly recognized in the statement of profit or loss.

2.8.3 Net investment hedge

The accounting of net investments in foreign operations hedge is similar to the accounting of cash flow hedge. Any gain or loss on the hedging instrument relating to the effective portion of the hedge is recognized in shareholder’s equity; the gain or loss relating to the ineffective portion is recognized in the statement of profit or loss. Cumulative gains and losses in shareholder’s equity impact the statement of profit or loss only on disposal of the foreign operations.

2.8.4 Cost of hedging approach

When only a part of a derivative is designated as the hedging instrument (for example, changes in intrinsic value of a purchased option or changes in the spot element of a forward contract), the Company applies a specific accounting mechanism in IFRS 9 referred to as “cost of hedging approach” and resulting in less volatility in profit or loss. Conversely, the cost of hedging approach is not applied when hedging equity instruments are measured at FV OCI without recycling.

Consistent with the cost of hedging approach, if only changes in intrinsic value of an option are designated as the hedging instrument, the changes in fair value of the time value of the option are deferred in OCI. This cumulated amount is removed from OCI and recognized in profit or loss following the timing that depends on the nature of the hedged item:

- if the hedged item is transaction related (e.g. a forecast purchase denominated in a foreign currency) - when the hedged transaction affects profit or loss;
- if the hedged item is time-period related (e.g. the fair value of an item for a period of time) - over the period of the hedge.

The identical approach applies to:

- the changes in forward points of a forward contract when only the change in the spot element of such a contract is designated as the hedging instrument, and
- the changes in the foreign currency basis spread when separated from a financial instrument and excluded from the designation of that financial instrument as the hedging instrument.

2.8.5 Derivatives not qualifying for hedge accounting

Most of the derivatives used by the Company are purchased with a view to hedge or as an alternative to gain exposure to certain asset classes through “synthetic positions”. However, given IFRS 9 constraints, only qualifying hedges are eligible to hedge accounting provisions described above. Changes in the fair value of derivative instruments that do not qualify for hedge accounting are recognized in the statement of profit or loss.

The Company holds financial assets that also include embedded derivatives. A derivative embedded in a contract where the host is a financial asset in the scope of IFRS 9 is not separated. Instead, the hybrid financial instrument as a whole is assessed for classification applying the guidance described in Section 2.7.2.1. Conversely, if the host contract is a financial liability within the scope of IFRS 9 and is not measured at FV P&L, the embedded derivative is separated from the host contract to the extent that the impact is deemed material, unless the economic characteristics and risks of both the embedded derivative and the host contract are closely related. In this case, the host contract is accounted for as a financial liability within the scope of IFRS 9, and the separated derivative is accounted for at FV P&L and might be eligible as a hedging instrument.

2.9 ASSETS HELD FOR SALE

Assets are classified as held for sale if their carrying amount will be recovered principally through a sale transaction rather than through continuing use, and a sale is considered highly probable. The assets, particularly buildings, are measured at the lower of their carrying value and their fair value net of estimated selling costs and are shown separately in the consolidated statement of financial position.

2.10 CASH AND CASH EQUIVALENTS

Cash comprises cash on hand and demand deposits while cash equivalents are short-term, liquid investments that are readily convertible to cash and which are subject to low volatility.

2.11 SHAREHOLDER'S EQUITY

2.11.1 Share capital

Ordinary shares are classified in shareholder's equity when there is no obligation to transfer cash or other assets to the holders.

Additional costs (net of tax) directly attributable to the issue of equity instruments are shown in shareholder's equity as a deduction to the proceeds.

2.11.2 Compound financial instruments

Any financial instrument issued by the Company with an equity component (for example certain options granted to convert the debt instrument into an equity instrument of the Company) and a liability component (a contractual obligation to deliver cash) is classified separately on the liability side of the consolidated statement of financial position with the equity component reported in Company shareholder's equity and the liability component reported in financing debt. Gains and losses relating to redemptions or refinancing of the equity component are recognized as changes to shareholder's equity.

2.11.3 Minority interests

Minority interests in the Company's shareholder's equity represent equity in subsidiary entities which is not directly or indirectly attributable to the Company's controlling shareholder.

2.12 INSURANCE CONTRACTS AND REINSURANCE CONTRACTS HELD

In the consolidated statement of financial position, (i) insurance contracts and (ii) reinsurance contracts held are aggregated by portfolios and presented separately, depending on their balances at the end of the reporting period, leading to the four following categories:

- the carrying amount of portfolios of insurance contracts that are assets;
- the carrying amount of portfolios of insurance contracts that are liabilities;
- the carrying amount of portfolios of reinsurance contracts held that are assets; and
- the carrying amount of portfolios of reinsurance contracts held that are liabilities.

IFRS 17 - Insurance Contracts applies to these contracts, such as detailed in Section 2.12 of this Note.

Significant judgments and estimates are made by the Company in applying IFRS 17. The judgments that have the most significant effects on the amounts recognized in the consolidated financial statements relate to the classification of contracts, their level of aggregation and their measurement.

In particular, the Company makes significant judgments regarding inputs, assumptions concerning the future and other sources of uncertainty at the reporting date, and uses estimation techniques to measure the insurance contracts. These assumptions and estimates are reviewed on an ongoing basis, based on changes in facts and circumstances (including market changes), which leads to adjustments in the measurement of contracts.

The Company uses notable assumptions to project future cash flows and ensures to design them to adequately reflect any uncertainty underlying the cash flows. Non-market assumptions, based on latest best estimate assumptions (historical data and expert judgment), include the following information: loss ratios, best estimate reserves, and payment patterns.

In respect of estimation techniques used to measure the non-Life insurance contracts, different actuarial projection models are applied, based on (i) the portfolios' main features (in terms of risk drivers, underwriting and claims policies), (ii) quality, relevance and consistency over time of available statistical data, (iii) selection of relevant actuarial assumptions and models, and (iv) ability to economically interpret and justify the projected range of results, both quantitatively and qualitatively.

In respect of estimation techniques used to measure the Life contracts, they are based on projections of the key components of statutory financial statements, namely income or expenses that relate to policyholders and beneficiary obligations.

The main assumptions that may generate material changes in the estimate of the future cash flows relate to (i) mortality, morbidity, and longevity rates, (ii) policyholder behavior (due to lapse and surrender), and (iii) overhead expenses.

More specifically, assumptions made about the discount rates, the confidence level for risk adjustment for non-financial risk, the pattern of the Contractual Service Margin ("CSM") release are explained in paragraph 2.12.5 and quantitative information about these assumptions is disclosed in Note 11.1.6.

2.12.1 Definition and classification

An insurance contract is a contract under which an issuer accepts significant insurance risk from a policyholder by agreeing to compensate the policyholder if a specified uncertain future event (an "insured event") adversely affects this policyholder. The assessment whether a contract transfers a significant insurance risk considers all substantive rights and obligations (including those arising from law or regulation) and is based on the use of judgment.

2.12.1.1 Insurance contracts with direct participation features

The Company classifies as insurance contract with direct participation features (*i.e.* direct participating contract) a contract for which (i) the contractual terms specify that the policyholder participates in a share of a clearly identified pool of underlying items, (ii) the Company expects to pay to the policyholder an amount equal to a substantial share of the fair value returns on the underlying items; and (iii) the Company expects a substantial proportion of any change in the amounts to be paid to the policyholder to vary with the change in fair value of the underlying items. In addition to the transfer of significant insurance risk to the issuer, a direct participating contract is therefore based on a substantially investment-related service under which an entity promises an investment return on underlying items (the link must be enforceable), as well as on a contractually specified participation. The underlying items determine some of the amounts payable to a policyholder and can comprise any items (e.g. a reference portfolio of assets, technical items, the net assets of the entity, or a specified subset of the net assets of the entity). The nature of underlying items mainly depends on local regulation and products' features. The Company assesses whether the conditions above are met using its expectations at inception of the contract and needs not reassess the conditions afterwards, unless the contract is modified. XLB does not have any insurance contracts with direct participation features.

2.12.1.2 Insurance contracts without direct participation features

The Company classifies as insurance contract without direct participation features an insurance contract that is not an insurance contract with direct participation features, namely:

- an insurance contract with indirect participation features (*i.e.* indirect participating contract) because the payment to policyholders depends upon the return on underlying items, without meeting the criteria defined for insurance contracts with direct participation features; or
- an insurance contract without any participation features (*i.e.* non-participating contract) as the payment to policyholders does not depend upon the return on underlying items.

2.12.2 Separating components from insurance contracts

The following components are separated from insurance contracts: (i) distinct embedded derivatives, if they meet certain specified criteria, (ii) distinct investment components, and (iii) distinct performance obligations to provide non-insurance goods and services. These components are accounted for separately by the Company in accordance with the related standards.

After having performed this separation, the Company applies IFRS 17 to all remaining components of the host insurance contract. All these remaining components, including embedded derivatives and investment components that have not been separated from the host contract, are considered a single insurance contract.

2.12.3 Level of aggregation of insurance contracts

The insurance contracts are aggregated at inception to form a group, which is the basis for recognition, measurement and presentation. To define the level of aggregation to be used, the Company applies the process hereafter:

- first, portfolios of insurance contracts are identified, each of them only comprising contracts that are managed together and subject to similar risks:
 - since the way insurance contracts are managed is based on the nature of service provided to the policyholder (e.g. Property and Casualty, Life, adverse development cover...), contracts for which the service provided to the policyholder is substantially similar are managed together. In assessing the nature of the service provided, the entity considers different factors such as the granularity at which the internal strategy is designed, the business units organization or the granularity of financial reporting;
 - contracts are bearing similar risks when the nature of the risk drivers (death, longevity, liability, motor, property damage, etc.) at inception of contracts is similar,
- then, these portfolios are broken down by annual cohort (IFRS 17 as issued by the IASB preventing contracts issued more than one year apart from being included in the same group).
- finally, a further split is performed depending on the level of profitability, with notably a separate group for contracts that are onerous at initial recognition.

A group of insurance contracts should not be reconsidered after initial recognition.

2.12.4 Initial recognition

The groups of insurance contracts issued are recognized from the earliest of (i) the beginning of the coverage period of the group of contracts, which is the general case, (ii) the date when the first payment from a policyholder in the group becomes due, and (iii) for a group of onerous contracts, the date when this group becomes onerous.

2.12.5 The General Measurement Model or “BBA”

IFRS 17 requires applying by default the General Measurement Model of insurance contracts, called the “Building Block Approach” (“BBA”) as it is based on the following building blocks:

- the Fulfillment Cash Flows (“FCF”), which comprise:
 - the present value of future cash flows (“PVFCF”) corresponding to probability-weighted estimates of future cash inflows and outflows (forward looking) with an adjustment to reflect the time value of money (i.e. discounting) and the financial risks associated with those future cash flows (market consistent); and
 - a risk adjustment (“RA”) for non-financial risk;
- the Contractual Service Margin (“CSM”), which is calculated at inception as the difference between the premium paid by the policyholder and the expected FCF, and corresponds to the present value of future expected profits.

The General Measurement Model is used for XLB's Life business and adverse development cover (“ADC”) within the P&C business.

2.12.5.1 Insurance acquisition cash flows (“IACF”)

The insurance acquisition cash flows arise from the costs of selling, underwriting and starting a group of insurance contracts. When these IACF are incurred prior to the date of initial recognition of the group of insurance contracts, such IACF are recognized as an asset, which is deducted from the carrying amounts of insurance contracts. The recoverability of assets for IACF is assessed at the end of each reporting period, if facts and circumstances indicate that the asset may be impaired. If an impairment loss is identified, the carrying amount of the asset for IACF is adjusted and the impairment loss is recognized in the statement of profit or loss. When the group of insurance contract is recognized, the corresponding asset for IACF is derecognized and included in the measurement of that group.

2.12.5.2 Estimates of future cash flows

The FCF notably include all the probability-weighted estimates of future cash flows within the boundary of each contract already recognized. Cash flows are within the boundary of an insurance contract if they arise from substantive rights and obligations that exist during the reporting period in which XLB can compel the policyholder to pay the premiums or in which the entity has a substantive obligation to provide the policyholder with services. A substantive obligation to provide services ends notably when XLB has the practical ability to reassess the risks of the policyholder and, as a result, can set a price or level of benefits that fully reflects those risks.

The unbiased estimate of the expected future cash flows within the boundary of insurance contracts, including the cost of options and guarantees, are based on a probability-weighted mean of the full range of possible outcomes to factor the uncertainty about the timing and amounts of the cash flows, determined from the perspective of the Company, provided that the estimates are consistent with observable market prices for market variables reflecting conditions existing at the measurement date.

The cash flows attributable to the group of insurance contracts include premiums from the policyholders, claim payments (including reported, incurred and all the future claims for which XLB has a substantive obligation net of recoveries from claims), expenses, and commissions.

The following cash flows are not included in the contracts boundary: investment returns as they are recognized, measured and presented separately under other applicable IFRSs, costs of investment activities performed for the benefit of shareholders, payments or receipts that arise under reinsurance contracts held (as they are accounted for separately), those that may arise from future insurance contracts, overheads that do not provide any economic benefits to fulfilling insurance contracts, income tax payments and receipts XLB does not pay or receive in a fiduciary capacity, flows arising from components separated from the insurance contracts and accounted for using other applicable IFRSs.

If insurance premiums are first collected by an intermediary and then transferred to XLB at a later date, the premium receivables from the intermediary are generally accounted for as future cash flows within the boundary of insurance contracts included in the measurement of the corresponding group of insurance contracts applying IFRS 17.

2.12.5.3 Discount rate

XLB has a defined methodology for the calibration and the generation of “IFRS 17 yield curves” used to discount the estimate of future cash flows within the boundary of contracts, consistent with the IFRS 17 requirements and applied homogeneously across all XLB entities.

If the standard does not impose a particular estimation technique to determine the yield curves, XLB has chosen to adopt a bottom-up approach. This approach consists in using a basic Risk-Free Rate (“RFR”), based on swaps for most currencies and government bonds for others, adjusted by adding on a Liquidity Premium (“LP”) allowance to reflect the remuneration of illiquidity observed on traded assets until the Last Liquid Point (“LLP”), meaning the longest maturity for which there are enough traded bonds. An Ultimate Forward Rate (“UFR”) macro-economically defined as the sum of the average of past real interest rates and central bank’s target inflation is also considered. Discount rates between the LLP and the UFR maturities are obtained by extrapolation.

The yield curves used by XLB for main currencies are summarized in Note 11.1.6.

The Company has chosen to apply the “OCI option” (refer to paragraph 2.17.2) to all portfolio of insurance contracts, allowing to recognize the impact of changes in discount rates through Other Comprehensive Income.

2.12.5.4. Risk adjustment for non-financial risk (“RA”)

The measurement of the risk adjustment reflects the compensation required by XLB for bearing the uncertainty around the amount and timing of the future cash flows that arises from non-financial risk as XLB fulfills insurance contracts. In this respect, the Company considers the 62.5th–67.5th percentile range as the adequate level of prudence on underlying insurance liabilities.

The determination of the risk adjustment follows a value-at-risk type approach, reflecting a retained confidence level with reference to the risk drivers of insurance liabilities. The value-at-risk is the maximum loss within a certain confidence level. The implementation is slightly different between Life and Property & Casualty businesses. For Life business, groups of contracts are first shocked, risk factor by risk factor, up to the retained confidence level to assess the change in the present value of future cash flows. Then, diversification benefits between risks implicit to the entity’s portfolio are considered by applying correlation factors between risks. For Property & Casualty liabilities for incurred claims, a direct value-at-risk calculation, reflecting the retained confidence level, is applied to the full probability distribution of the related liabilities. Finally, a diversification effect between XLB entities is considered to reflect the fact that a same risk is unlikely to impact all the Company’s entities at the same time.

The changes in the risk adjustment for non-financial risk are presented in the insurance service result (*i.e.* they are not disaggregated into an insurance service component and an insurance finance component).

2.12.5.5 Contractual Service Margin (“CSM”)

For a group of insurance contracts, the CSM represents the unearned profit attributable to the shareholders. At inception, the CSM is the amount that offsets the FCF, less the derecognition of any IACF (see above), or the value of XLB’s rights in excess of the value of its obligations under the insurance contracts. On the other hand, the CSM cannot be negative. Consequently, if the expected cash outflows exceed the expected cash inflows, the group of contracts is onerous and the loss, which corresponds to the expected net cash outflow, is expensed immediately in the statement of profit or loss.

At the end of each subsequent reporting period, XLB remeasures the liability for remaining coverage (“LRC”), which comprises the FCF related to future services and the CSM of the group of contracts at that date. Hence, the CSM is adjusted at each subsequent reporting period for changes in expected future cash flows driven by changes in technical assumptions (death, morbidity, longevity, surrenders, expenses, future premiums...). Interest is also accreted on the CSM at rates locked in at initial recognition of a contract (*i.e.* discount rate used at inception to determine the present value of future cash flows).

Moreover, the CSM is progressively recognized and included in insurance revenue in the consolidated statement of profit or loss over the coverage period of insurance contracts (refer to paragraph 2.15.1). The portion of the CSM to be released as part of insurance revenue for a reporting period, which reflects the provision of insurance contract services, is based on coverage units. In practice, XLB:

- identifies the total number of coverage units for each group of contracts, which is the quantity of services provided for the insurance contracts belonging to the group over the expected coverage period;
- allocates the CSM at the end of the reporting period (before having recognized any amounts in the statement of profit or loss to reflect the services provided in the period) equally to each coverage unit provided in the current reporting period and expected to be provided in the future; and
- recognizes the amount of CSM allocated to the coverage units provided in the current reporting period in the statement of profit or loss.

Given the variety of insurance contracts, XLB exercises its judgment to define coverage units, considering both the level of coverage defined within the contract (e.g. a death benefit over a fixed term, the policyholders' account value, or a combination of guarantees) and the expected coverage duration of the contract.

However, this release of CSM is not applicable if there are adverse changes in future cash flows greater than the remaining CSM. In this case, the group of contracts becomes onerous and the loss is immediately recognized in the statement of profit or loss.

When a group of insurance contracts is onerous, on initial recognition or subsequently, the LRC includes a loss component reflecting the loss recognized in the statement of profit or loss. As long as the group of contracts remains onerous, subsequent changes in the amount of loss component are immediately allocated to the statement of profit or loss.

2.12.5.6 Liability for Incurred Claims ("LIC")

After initial recognition of a group of insurance contracts, the carrying amount of the group at each reporting date is the sum of two different components: the LRC, that relates to the remaining coverage (see above) and the LIC, which corresponds to the FCF related to past services allocated to the group.

The LIC reflects XLB's obligation to investigate and pay valid claims for insured events that have already occurred, including events that have occurred but for which claims have not been reported, and other incurred insurance expenses, as well as to pay amounts relating to other insurance contract services already provided or any investment components or other amounts that are not related to the provision of insurance contract services and that are not in the LRC.

2.12.6 Measurement with the Premium Allocation Approach ("PAA")

The Premium Allocation Approach is used for XLB's Property and Casualty business. This is a simplified model permitted for the measurement of the liability for remaining coverage ("LRC") provided that the measurement of the LRC does not differ materially from the general measurement model ("BBA") or the coverage period is one year or less. With the PAA, the LRC corresponds to premiums received at initial recognition less acquisition costs and amounts already recognized on a pro rata basis as insurance revenue at the closing date. However, the BBA remains applicable for the measurement of incurred claims.

Insurance acquisition cash flows ("IACF") incurred before the recognition of a group of contracts measured with the PAA are recognized as an asset allocated to that group and future groups of insurance contracts that will include contracts arising from expected renewals. In practice, the recognition of a portion relating to the expected renewals is limited to the groups of insurance contracts with up front or extra-commissions paid for acquiring new business.

2.12.7 De-recognition of insurance contracts

An insurance contract is de-recognized from the group of contracts to which it belongs in case of extinguishment, transfer, or a modification of its terms in a such a way that a new contract is recognized in a new group. The de-recognition of insurance contracts leads to the elimination of the Fulfillment Cash Flows ("FCF") and an adjustment to the Contractual Service Margin ("CSM") of the group of contracts instead of generating a direct and immediate effect in the statement of profit or loss, unless the group of contracts becomes onerous or empty. Depending on the cause of de-recognition, the CSM of the group of contracts is adjusted:

- in case of extinguishment of an insurance contract, by the same amount eliminated from the FCF;
- in case of a portfolio transfer to a third party, by the difference between the amount eliminated from the FCF and the premium charged by the third party;
- in case of a modification of insurance contracts (requiring a de-recognition followed by a recognition in a new group of contracts), by the difference between the amount eliminated from the FCF and any additional premium charged to the policyholder as a result of the modification. This means that the global adjustments of CSM generated by the modification

is split between the initial group of contracts and the new one, depending on the hypothetical premium that the entity would have charged had it entered into a contract with equivalent terms as the new contract at the date of the contract modification.

Finally, if an insurance contract is de-recognized because of its transfer to a third party or a modification, the remaining amount previously recognized in Other Comprehensive Income ("OCI") is reclassified in the statement of profit or loss when the Building Block Approach applies.

2.12.8 Reinsurance contracts

The Company assumes and cedes reinsurance in the normal course of business. Assumed reinsurance refers to the Company's acceptance of certain insurance risks that other companies have underwritten leading to the recognition of groups of reinsurance contracts issued. Ceded reinsurance refers to the transfer of insurance risks, along with the related premiums, to other reinsurers who will assume the risks as the Company seeks to reduce the potential amount of loss arising from claims events by reinsuring certain levels of risk underwritten, leading to the recognition of groups of reinsurance contracts held.

Both groups of reinsurance contracts issued and groups of reinsurance contracts held are subject to the Building Block Approach ("BBA") or the Premium Allocation Approach ("PAA") described in the previous paragraphs provided that there is a transfer of significant insurance risk; in any case, they are not eligible for the Variable Fee Approach as they are not insurance contracts with direct participation features. As the specificities of the treaties can affect their classification, each reinsurance contract is subject to a detailed analysis by XLB in order to determine the appropriate accounting treatment.

Whereas the recognition and measurement of reinsurance contracts issued are similar to insurance contracts issued, the reinsurance contracts held have some specificities which are described hereafter.

Date of initial recognition

The recognition of groups of reinsurance contracts held depends on the type of coverage. When the reinsurance contract held provides proportionate coverage, the date of recognition of the group corresponds to the date when any underlying insurance contract is recognized by XLB. When the reinsurance contract held does not provide proportionate coverage, the group of reinsurance contracts is recognized at the earliest of the beginning of the coverage period of the group of underlying insurance contracts and the date when the entity recognizes an onerous group of underlying insurance contracts.

Boundary of contract

For reinsurance contracts held, the cash flows are within the boundary of the reinsurance contract if XLB has a substantive right to receive services from the reinsurer or a substantive obligation to pay premiums to the reinsurer. Depending on the relationship between the contract boundary of the direct insurance contracts and that of the reinsurance contracts held, in some cases, the reinsurance treaty might offer protection for underlying insurance contracts that XLB has not issued yet. However, the carrying amount of a reinsurance contract held is nil before any cash flows occur or any service is received.

Measurement

Similar to underlying insurance contracts, PAA is used for short term reinsurance coverages, while long term coverages are measured with the BBA.

The measurement of reinsurance contracts held follows a mirroring principle of the underlying insurance contracts leading to estimate the present value of the future cash flows of the reinsurance contract held using assumptions consistent with those used for the underlying insurance contracts. Thus, the reinsurance asset is derived using the same assumptions as those used by XLB for the underlying insurance contracts as these are the ones used to determine the expected reinsurance recoveries. In practice, some reinsurance contracts held by XLB provide cover for underlying contracts that are included in different groups.

However, using consistent assumptions does not imply the use of the same assumptions as those used for measuring the underlying contracts if those assumptions are not valid for the reinsurance contract held. In practice, the use of the same discount rate might not be appropriate, especially if the reinsurance contract is entered into during the coverage period of the underlying contracts. In addition, the cash flows from the reinsurance contract held include an adjustment for the effect of any risk of non-performance by the issuer of the reinsurance contract, including the effects of collateral and losses from disputes.

At inception, the reinsurance coverage, in exchange of a reinsurance premium, is measured as:

- the reinsurer's share of the expected present value of the cash flows generated by the underlying insurance contracts, including an adjustment to reflect the fact that the reinsurer might dispute coverage or fail to satisfy its obligations under the contract (risk of non-performance / counterparty risk) ; and

- typically a “net cost” (a “net gain” can however occur in some cases), which is in substance a negative Contractual Service Margin (“CSM”) corresponding to the cost paid to the reinsurer, depending on the pricing of the reinsurance contract held and assessed independently of the CSM arising from the underlying insurance contracts.

The mechanics of the measurement models are the same for the underlying insurance contracts with the difference that the concept of CSM is replaced by the concept of net cost / net gain. This net loss or net gain is deferred and released in profit or loss throughout the coverage period, in line with the provision of reinsurance services. However, if the net cost of purchasing reinsurance relates to past events, *i.e.* retrospective reinsurance contracts covering such as adverse development covers for incurred claims, any net cost occurring at inception is immediately recognized in the statement of profit or loss.

Subsequently, at the end of each reporting period, the carrying amount of the net deferred cost or gain for reinsurance contracts held is adjusted to reflect changes in estimates. However, if XLB recognizes losses in the statement of profit or loss on underlying contracts because of adverse changes in estimates of fulfillment cash flows, the corresponding changes in cash inflows for reinsurance contracts held are also recognized in profit or loss and therefore do not adjust the net deferred loss or gain of the group of reinsurance contracts held. As a result, there is no net effect in the profit or loss for the period to the extent that the change in the fulfillment cash flows of the underlying contracts is matched with a change in the fulfillment cash flows on the reinsurance contracts held.

2.13 OTHER LIABILITIES

2.13.1 Deposit liabilities

Contracts entered into by the Company that are not deemed to transfer significant underwriting risk and/or timing risk are accounted for as deposits, whereby liabilities are initially recorded at an amount equal to the assets received. The Company uses a portfolio rate of return of equivalent duration to the liabilities in determining risk transfer. An initial accretion rate is established based on actuarial estimates whereby the deposit liability is increased to the estimated amount payable over the term of the contract.

The deposit accretion rate is the rate of return required to fund expected future payment obligations (this is equivalent to the “best estimate” of future cash flows), which are determined actuarially based upon the nature of the underlying indemnifiable losses.

The Company periodically reassesses the estimated ultimate liability. Any changes to this liability are reflected as adjustments to interest expense to reflect the cumulative effect of the period the contract has been in force, and by an adjustment to the future accretion rate of the liability over the remaining estimated contract term.

2.13.2 Income taxes

The current income tax expense (benefit) is recorded in the statement of profit or loss on the basis of local tax regulations.

Deferred tax assets and liabilities emerge from temporary differences between the accounting and fiscal values of assets and liabilities, and when applicable from tax loss carry forwards. Deferred tax assets are recognized to the extent that it is probable that future taxable profit will be available to offset the temporary differences taking into account the existence of tax groups and any legal or regulatory requirements on the limits (in terms of amounts or timing) relating to the carry forwards of unused tax credits. The recoverability of deferred tax assets recognized in previous periods is re-assessed at each closing.

In particular, a deferred tax liability is recognized for any taxable temporary difference relating to the value of shares in a consolidated company held, unless the Company controls at what date the temporary difference will reverse and it is probable that the temporary difference will not reverse in the foreseeable future. If an XLB company decides to sell its stake in another consolidated entity, the difference between the carrying value and the tax value of these shares for the company that holds them leads to the recognition of deferred tax (including as part of a business combination when the Company as the buyer intends to sell or carry out internal restructuring of the shares following the acquisition). The same approach applies to dividend payments that have been voted or deemed likely, to the extent that a tax on dividends will be due.

The measurement of deferred tax liabilities and deferred tax assets reflects the expected tax impact at the end of the reporting period. That would follow the way the Company expects to recover or settle the carrying amount of its assets and liabilities. When income taxes are calculated at a different rate if dividends are paid, deferred taxes are measured at the tax rate applicable to undistributed profits. The income tax consequences of dividends are only accounted when a liability to pay the dividend is recognized. Deferred tax assets related to the Contractual Service Margin (refer to paragraph 2.12.5.5) are measured at usual local tax rate.

2.14 PROVISIONS FOR RISKS, CHARGES AND CONTINGENT LIABILITIES

2.14.1 Restructuring costs

Restructuring provisions, other than those that may be recognized in the statement of financial position of an acquired company on the acquisition date, are recorded when the Company has a present obligation evidenced by a binding sale agreement or a detailed formal plan whose main features are announced to those affected or their representatives.

2.14.2 Other provisions and contingencies

Provisions are recognized when the Company has a present obligation (legal or constructive) as a result of past events, when it is probable that an outflow of resources will be required to settle the obligation, and when the provision can be reliably estimated. Provisions are not recognized for future operating losses.

Provisions are measured at management's best estimate, at the end of the reporting period, of the expenditure required to settle the obligation, discounted at the market risk-free rate of return for long term provisions.

2.15 REVENUES FROM ALL ACTIVITIES

2.15.1 Insurance revenues

The insurance revenue reflects the insurance contract services provided by XLB over the period, which is derived from the reduction in the liability for remaining coverage ("LRC") during the reporting period, subject to corrections (adjustment of premiums, loss components) and excluding investment components (*i.e.* amounts to be paid to a policyholder even if an insured event does not occur).

However, the way these changes are reflected in the insurance revenue differs by measurement model.

For the contracts measured under the Premium Allocation Approach ("PAA"), the insurance revenue corresponds to the amount of expected insurance coverage during the period (or passage of time if not significantly different), excluding any investment components.

For the contracts measured under the Building Block Approach ("BBA"), the insurance revenue corresponds to the release of the LRC, depending on the quantity of provided services, and an allocation of insurance acquisition cash flows (refer to paragraph 2.12.5.5).

In substance, the amounts related to the provision of insurance contract services include:

- the expected claims, including expenses other than insurance acquisition cash flows, but excluding those not contributing to the fulfillment of insurance contracts (*i.e.* non-attributable expenses);
- the release of the risk adjustment for non-financial risk;
- the allocation of the Contractual Service Margin ("CSM") to the period.

The allocation of insurance acquisition cash flows represents the portion of premiums that corresponds to the recovering of those cash flows to each reporting period in a systematic way based on the passage of time, the same amount being recognized as insurance service expenses. This mechanism enables to add back the part of the premium corresponding to the coverage of insurance acquisition cash flows. This means that insurance acquisition cash flows are not recognized in the statement of profit or loss when the acquisition cash flows occur but when the CSM is released.

2.15.2 Revenues from other activities

Revenues from other activities mainly include insurance companies revenues from non-insurance activities, notably commissions received on the sales or distribution of financial products.

2.16 EXPENSES FROM ALL ACTIVITIES

2.16.1 Insurance service expenses

Insurance service expenses arising from groups of contracts issued by XLB are recognized in the statement of profit or loss as they are incurred, excluding amounts allocated to refunds of premiums and payment of policy loans. Symmetrically to insurance revenue, the payments relating to investment components are excluded from insurance service expenses.

All insurance service expenses correspond to actual cash outflows within the boundary of contracts identified when projecting and calculating the present value of future cash flows (refer to paragraph 2.12.5). These cash flows are:

- those that relate directly to the fulfillment of insurance contract; and
- those over which XLB has discretion over the amount or timing. In this respect, the change in discretionary cash flows is determined at inception of the contract (e.g. by identifying the minimum guarantees and defining its profit-sharing policy).

2.16.2 Net expenses from reinsurance contracts held

In the consolidated statement of profit or loss, net expenses from reinsurance contracts held (net income in some cases) are presented separately from the insurance service expenses and included in a single aggregate, corresponding to the net between reinsurance service expenses and amounts recovered from the reinsurers.

2.16.3 Expenses from other activities

The expenses from other activities include the expenses that are the twin of revenues from other activities, namely acquisition costs and administrative expenses relating to other non-insurance activities (*i.e.* those incurred by insurance entities and holding entities).

2.17 FINANCIAL RESULT (EXCLUDING FINANCING EXPENSES)

2.17.1 Investment return

The investment return recognized through profit or loss consists of:

- net investment income from investments which is net of interest expenses and depreciation expense; this item includes interest received calculated using the effective interest method for debt instruments and dividends received on equity instruments;
- realized gains and losses relating to investments at amortized cost and at fair value through other comprehensive income (with recycling), net of releases of impairment following sales;
- net realized gains and losses and change in fair value of investments at fair value through profit or loss; and
- change in impairment on investments.

2.17.2 Net finance income or expenses from insurance and reinsurance contracts held

Net finance income or expenses from insurance and reinsurance contracts is presented in the XLB consolidated statement of profit or loss with a split between insurance contracts issued and reinsurance contracts held.

This aggregate comprises the changes in the carrying amount of the groups of contracts that relate to financial risk arising from both (i) the effect of the time value of money and changes in the time value of money and, (ii) the effect of financial risk and changes in financial risk (*i.e.* effect of changes in discount rates, exchange rate, the time value of options and guarantees).

However, the option to disaggregate insurance (and reinsurance) financial income or expense between the statement of profit or loss and the Other Comprehensive Income ("OCI") is applied by XLB in order to limit the volatility in profit or loss (considering that many of the supporting financial assets are measured at fair value through OCI under IFRS 9).

Under this option, for contracts without direct participation features, the difference between the valuation of the liabilities at locked-in rates (used for the unwind in the finance income or expenses) and their valuation at current rates is recognized by XLB in OCI. In the same way, when changes in liabilities arise from a contractual link (indexation) between inflation and the payments to policyholders, the changes due to inflation that relate to future services shall also be considered as resulting from a financial risk and therefore are recognized by XLB through OCI with a release over the duration of the payments to the policyholders. The amount included in the statement of profit or loss is determined by a systematic allocation of the expected total insurance (and reinsurance)

finance income or expenses over the duration of the group of contracts. This systematic allocation is based on the characteristics of the contracts, depending on whether the changes in assumptions relating to financial risk have a substantial effect on the amount paid to the policyholder or not:

- when the changes in financial risk assumptions do not have a substantial effect on amounts paid to the policyholders, the systematic allocation is determined using the discount rates at the date of initial recognition of the groups of contracts measured with the Building Block Approach and at the date of the incurred claims for groups of contracts applying the Premium Allocation Approach;
- when the changes in financial risk assumptions do have a substantial effect on amounts paid to the policyholder, the systematic allocation is determined by using a rate that allocates the remaining revised expected finance income or expenses over the remaining duration of the group of contracts at a constant rate (*i.e.* the effective yield approach) or a crediting rate based on the amounts credited to the policyholders in the period and expected to be credited in future periods (*i.e.* the projected crediting approach).

2.18 OTHER INCOME AND EXPENSES

Other income and expenses notably include other insurance expenses, which correspond to overheads assessed as being not attributable to the fulfillment of insurance contracts (refer to paragraph 2.12.5).

2.19 SUBSEQUENT EVENTS

Subsequent events relate to events that occur between the end of the reporting period date and the date when the financial statements are issued:

- such events lead to an adjustment of the Consolidated Financial Statements if they provide evidence of conditions that existed at the end of the reporting period;
- such events result in additional disclosures if indicative of conditions that arose after the end of the reporting period, and if relevant and material.

See Note 21 for further details.

Note 3 Scope of consolidation

3.1 CONSOLIDATED COMPANIES

3.1.1 Main fully consolidated companies

Below is a list of the main fully consolidated companies of XLB, excluding consolidated investment funds and real estate entities. Each of the below are wholly owned by XLB.

XLB Entities	Jurisdiction
AXA XL Insurance Company UK Limited	United Kingdom
AXA XL Reinsurance Ltd	Bermuda
AXA XL Syndicate Limited	United Kingdom
Catlin Insurance Company, Inc.	US (Texas)
Catlin Re Switzerland Ltd/Catlin Re Schweiz AG	Switzerland
Coliseum Reinsurance Company	US (Delaware)
Greenwich Insurance Company	US (Delaware)
Indian Harbor Insurance Company	US (Delaware)
T.H.E. Insurance Company	US (Louisiana)
XL Catlin Services SE	Ireland
XL Innovate Fund, LP	US (Delaware)
XL Insurance America, Inc.	US (Delaware)
XL Insurance Company SE	Ireland
XL Insurance Switzerland Ltd	Switzerland
XL Re Europe SE	Ireland
XL Reinsurance America Inc.	US (New York)
XL Specialty Insurance Company	US (Delaware)

Consolidated investment funds

As of December 31, 2023, consolidated investment funds represented a total of \$612.3 million invested assets (\$634.2 million at the end of 2022).

3.1.2 Main investments in companies accounted for using the equity method

Companies accounted for using the equity method are discussed in Note 8 with the exception of equity-method investment funds. As of December 31, 2023, investment funds accounted for using the equity method amounted to \$1,117.1 million invested assets (\$1,108.8 million at the end of 2022). See Note 2.7.2 for further details.

3.2 NON-CONSOLIDATED STRUCTURED ENTITIES

Structured entities are entities that have been designed so that voting or similar rights are not the dominant factor in deciding who controls the entity, such as when relevant activities are directed by means of contractual arrangements. Structured entities often have a narrow and well-defined objective or restricted activities.

The Company does not hold significant interests in non-consolidated insurance/reinsurance structured entities.

Furthermore, given its insurance business, the Company holds direct investments in corporates of various sectors, such as debt instruments, equity securities and loans. These investments are not designed to be held in structured entities and the whole Company's exposure is reflected on the consolidated balance sheet.

In addition, the Company holds interests in investment funds including real estate companies. Some of these funds are fully consolidated or accounted for using the equity method (see Note 2.3.1). Other funds are not consolidated because they are not controlled or under significant influence. By nature, and notably because of the power of decision usually given to the asset managers (internal or external to XLB), most of these funds are structured entities.

As an investor, XLB's interests in non-consolidated funds are limited to the investments held which are fully recognized in the consolidated balance sheet. Depending on the nature of its investment, XLB receives interests or dividends and can realize capital gains or losses when sold.

The Company's asset manager companies also receive fees for the services they provide when they manage investment funds. Some non-consolidated funds managed by the Company are partially or fully held by external investors.

Information on these non-consolidated investment funds are provided in Note 7.7 "Non-Consolidated Investment Funds".

Note 4 Financial and Insurance Risk Management

4.1 RISK MANAGEMENT AND INTERNAL ORGANIZATION

The Company faces strategic, financial, and operational risks related to, among others: underwriting activities, changing macroeconomic conditions, investments, reserving, changes in laws or regulations, information systems, business interruption and fraud. An enterprise view of risk is required to identify and manage the consequences of these common risks and risk drivers on the Company's profitability, capital strength and liquidity. This is managed by the Risk Management ("RM") function, an integrated part of all business processes, who define and deploy the Risk Management Framework ("RMF").

The Company RMF consists of a set of risk policies and standards. These are reviewed and approved by the Board, at least annually. The RMF would be reviewed more regularly if the Company was subject to a major change in regulatory requirements, strategy, or organizational structure.

The aim of the RMF is to:

- support business objectives and strategy;
- provide management information to facilitate the identification and understanding of material risks including related mitigants;
- contribute to the Company's overall Internal Control Framework by helping to manage the inherent complexity within the business;
- maintain the desired credit rating, which is applicable to the Company; and
- support regulatory risk management requirements.

The Board meets regularly and oversees the implementation and embedding of the RMF and monitoring of Company performance against risk appetite. The Board also has responsibility for capital monitoring. The Board ensures that material and emerging risks are identified and reported and that appropriate arrangements are in place to manage and mitigate those risks effectively. The Company's stress testing framework and outputs are reviewed by the Board and support understanding of the risk profile.

The AXA XL Division ("AXA XL") and the Company are required by AXA Group to comply with AXA Group policies and standards. The AXA Group Standards form part of the overall risk management framework including Compliance, Internal Audit, Internal Control and Risk Management. AXA Group Standards have specifically identified Divisional and Company standard owners. The Group Solvency II Policies have been implemented and adapted to AXA XL Division's specificities as described in the AXA XL Division's Solvency II Policies. These policies are also implemented at legal entity level with local addenda. The Solvency II Policies implement AXA's risk strategy throughout the AXA XL Division and the Company, facilitate control mechanisms and consider the nature, scope and time horizon of the business and the associated risks.

The AXA Standards include Risk Management Second Opinions, the Internal Control Framework, and the Risk Appetite Framework which are outlined below.

4.1.1 Risk Management Second Opinions

The AXA Standards require Risk Management to provide formal "Second Opinions" in certain key areas of risk to ensure that the viewpoint of Risk is formally documented with any related concerns and mitigation plans. The "Second Opinions" are provided by Risk Management "Centers of Excellence" at the Divisional level and cover the following areas:

- new products and loss-making portfolios;
- reserves;
- new investments and changes to the Strategic Asset Allocation ("SAA");
- strategic business plan;
- ceded reinsurance (outwards) program;
- major projects; and
- mergers & acquisitions ("M&A") and greenfield transactions.

4.1.2 Internal Control Framework

The AXA XL Internal Control team, within the Risk Management function, implements the AXA Internal Control Program at AXA XL Division and monitors the overall system of controls, covering all AXA XL departments and processes, ensuring all controls are performed. The AXA Internal Control Program provides a robust and effective Internal Control Framework by:

- implementing a risk-based approach to focus on risks that really matter;
- promoting management accountability for controls;
- introducing a common set of tools and techniques to be consistently used across the Group; and
- improving coordination between the different control functions.

The AXA XL framework looks at 30 macro-processes that constitute the AXA XL value chain for the insurance and reinsurance business. For each macro-process, key risks are defined and for each key risk, control objectives are defined to cover them. For each control objective, controls are designed and operated locally to efficiently meet control objectives and mitigate the related key risk. Controls are tested over three years by the AXA XL Internal Control function.

The AXA XL Internal Control team is also responsible for the Internal Financial Control framework, looking at key controls around financial reporting and Solvency II across the Division. This framework has been in place at AXA XL for many years and provides reasonable assurance to legal entities within the Division that financial reporting is reliable and compliant with applicable laws and regulations and provides comfort over the completeness, accuracy, and appropriateness of data.

4.1.3 Risk Appetite Framework (“RAF”)

The Company's RAF is a key dimension of the risk management strategy and mirrors AXA Group's RAF. The RAF distinguishes between “Risk Appetite Statements” which apply to multiple risk types, and “Risk Appetite Exposures” which apply to single risk types. In addition, there exists the potential for additional “Risk Indicators” which are not explicitly specified in the scope of the RAF but are identified as required by the Company. The RAF is used to provide governance for setting new monitoring requirements, as well as reviewing and updating existing risk appetite statements, tolerances, and limits, so that these are aligned with business and risk management strategies. The Company's RAF focuses on regulatory capital at risk, tolerances to risks from material individual events (e.g., natural catastrophes, realistic disaster scenarios that cross multiple lines of business, etc.), liquidity standards, tolerance to specific investment related risks and operational risk. The Board approved risk appetites and risk tolerances were reviewed during the 2024 business planning process, and it was determined that all statements and tolerances were appropriate to allow the Company to execute the 2024 business plan.

4.1.4 Risk Management strategy

The risk management strategy is overseen by the Board and supports the delivery of the overall business strategy. To support the Board, the RM function oversees detailed risk management activity and monitoring against the Board approved risk appetites.

The risk management strategy is to ensure that risk implications, as well as reward, are considered in both setting and implementing the Company's strategic and business objectives, and risks associated with the strategic direction of the business are appropriately monitored. The strategy is articulated in the risk policies and is achieved by incorporating risk processes, information, and decisions in the day to day running of the business.

The Company's strategy involves taking on risk to generate return. Risks are selected and controlled or traded off through the risk strategy that focuses on:

- retaining risk within an approved risk appetite that is consistent with our strategic objectives while maintaining appropriate levels of capital;
- a diversified portfolio of underwriting and financial markets risks;
- managing excessive aggregation risk via a limit framework;
- exercising consistency and transparency of risk management and control across the Company;
- risk mitigation on key underwriting and financial market risks to protect capital from the impact of extreme events; and
- risk reporting to the Board and other stakeholders (e.g., regulators).

The risk management strategy and risk appetite frameworks are supported by the following:

- Risk Governance - a clear and cost-effective organizational structure for risk management, including clear roles and responsibilities. The Company operates a “Three Lines of Defense” governance structure, at a functional level and at a Management Committee level;
- Risk Definition and Categorization - provides a common taxonomy and language for Risk Management to allow for categorization of all risks in a way which facilitates links between the business and risk management processes;

- Risk Cycle and Processes - the approach taken to top down, bottom up and process led risk identification, quantification and management and control;
- Risk Management Information and Reporting, including Commercial Insurer Solvency Self-Assessment (“CISSA”) Production - ensuring timely and accurate information is reviewed in line with the governance structure;
- Risk-Based Decision Making - the results of the CISSA and the insights gained in the CISSA process are considered for a range of business decisions; and
- Skills, Resources and Risk Culture; Organizational Learning; Change Management Governance - all enable a mature risk culture throughout the Company.

4.1.5 Risk Management and Solvency self-assessment systems implementation

The CISSA process includes all the material risks, processes and procedures employed to identify, assess, monitor, manage, and report the short and long term risks the Company faces or may face and to determine the capital necessary to ensure that the Company's overall solvency needs are met at all times.

The Regulatory Capital Requirement is derived using the Bermuda Solvency Capital Requirement (“BSCR”) standard formula. The results are presented to the Board to provide richer insights on risk exposures, and to inform and drive risk and capital-based decision making.

The processes for the CISSA and production of the CISSA Report are tailored to fit into the Company's organizational structures in a proportionate manner with techniques to assess the overall solvency needs and taking into consideration the nature, scale, and complexity of the risks inherent to the business.

The risk management cycle is set for key aspects of the risk management process that are deemed to be part of the CISSA process and that will support the production of the Company's CISSA Report. The CISSA process includes procedures that enable the Company to monitor its compliance with its risk appetites, risk limits, economic capital and regulatory capital requirements whilst considering potential future changes in the risk profile and considering stressed situations.

4.1.6 Relationship between the solvency self-assessment, solvency needs, and capital and risk management

The Company's RMF is designed to be comprehensive and to provide a sound basis for the set of risk appetites, and the capacity to identify, manage and report on key risks facing the Company on a timely basis. From this, we can see that the Company's risk profile can be managed in line with its Board approved limit and risk appetite framework.

The Company uses the BSCR to calculate the required capital to support its business plans based on risks facing the business. The Company also maintains its own internal model which is used to determine its contribution to the AXA Group consolidated solvency position and to inform portfolio shaping decisions and return metrics.

4.1.7 Internal Financial Control (“IFC”)

The Internal Control function is committed to promote a robust Internal Control Framework, including Internal Financial Control, for the Audit Committee of key legal entities within the AXA XL Division, Executive Management, and external stakeholders to rely on for financial and regulatory reporting purposes.

The IFC's core strategic objectives include:

- conducting an effective and efficient assessment of the design and operating effectiveness of internal controls over financial reporting;
- identifying areas in which the inherent risk of financial misstatement is high so that management can address these risks before they manifest themselves in an actual misstatement;
- providing Executive Management, the Company's Board and AXA Group reasonable assurance over AXA XL's financial reporting processes; and
- adding value by helping management promote a robust control environment.

The Internal Control team performs a regular assessment of the control framework which includes risk identification, risk assessment and planning, documenting business processes, evaluation, and validation of key risks, testing of controls and identification and management of issues. For the Internal Financial Control Framework, this cycle is annual and well established.

The team is also responsible for monitoring remediation plans until closure and for making regular reporting on controls results to AXA Group, the AXA XL Audit Risk and Compliance Committee, the Audit Committee of key legal entities, Executive Management and external auditors and regulators.

4.1.8 Compliance function

The Compliance function is responsible for advising the Company's management and Board on compliance with applicable laws, regulations and administrative provisions adopted in accordance with the Insurance Act 1978 and other local laws and regulations, and on the impact of changes in the legal and regulatory environment applicable to the Company's operations. The function provides expertise, advice and support to various departments of the Company to assess situations and compliance matters, analyze compliance risk and contribute to design solutions to mitigate those risks to which the Company is exposed.

The Compliance function has a direct reporting line to the Global Chief Compliance Officer and to regional and global business Chief Executive Officers. The Compliance function manages a wide range of compliance related matters including (i) regular reporting on significant compliance and regulatory matters to senior management and to regulators, (ii) financial crime matters (which include anti-corruption, anti-bribery, anti-money laundering programs as well as international sanctions/embargo compliance), (iii) data privacy, (iv) Employee Compliance & Ethics Guide, and (v) the monitoring of compliance and regulatory risks.

The Compliance function undertakes an annual Compliance Risk Assessment to identify the most significant compliance risks to which the business is exposed. Based on this assessment, an Annual Compliance Plan is developed at the end of each year for the following year.

The compliance activities within the Company are articulated around a number of AXA Group Standards and Policies which set the minimum requirements expected to be covered by the Company. The AXA XL Code of Conduct (the "Code") contains standards and policies on significant risks affecting the compliance activities as well as the high-level control and monitoring principles to which the Company must adhere. Both the standards and policies contained in the Code (e.g., compliance governance, anti-money laundering, sanctions, anti-bribery, etc.) are mandatory. In addition, the Compliance function has adapted the AXA XL Division requirements and developed local policies to align with the relevant laws and regulations in the jurisdiction in which the Company operates and conducts business. These local policies are reviewed on a regular basis with recommendations being made for adoption to the Board or the Executive Committee.

On a regular basis, the Compliance function reports directly to the Audit Committee on significant compliance matters. These include major regulatory changes that have compliance implications, results of the Compliance Risk Assessment, the Annual Compliance Plan, outstanding Compliance Support and Development Program ("CSDP") remediation plans and any other significant issues that require escalation.

4.1.9 Internal Audit function

Internal Audit exists to help the Board and Executive Management protect the assets, reputation, and sustainability of the organization by providing an independent and objective assurance activity designed to add value and improve the organization's operations. It helps the organization meet its objectives by bringing a systematic, disciplined approach to challenge Executive Management and evaluate the effectiveness of governance, and risk and control management.

The Internal Audit function has an audit charter to document its mission, independence, scope, accountabilities, responsibilities, authorities, and standards. The charter is approved by the XL Bermuda Ltd Audit Committee each year.

The Head of the AXA XL Internal Audit function has a direct and unfettered reporting line to the XL Bermuda Ltd Audit Committee Chairman. AXA XL Internal Audit functionally reports through to the Global Head of Audit who reports to the Group Audit Committee Chairman.

Internal Audit annually sets up an internal audit plan of work, based on an assessment of both the inherent risk and the adequacy of controls. Its performance is formally monitored and reported to the XL Bermuda Ltd Audit Committee.

Over the audit cycle, all applicable audit universe components for each entity are expected to be audited. Any exceptions identified are notified to the XL Bermuda Ltd Audit Committee for ratification.

A report is issued at the conclusion of each audit assignment to the relevant senior management. The results of the audits and resolution status of internal audit issues are presented to the XL Bermuda Ltd Audit Committee and Executive Management on a regular basis.

4.2 MARKET RISKS

Market risks represent the potential for loss due to adverse changes in the fair value of financial and other instruments. The Company is principally exposed to the following market risks:

Component	Definition
Interest Rate and Spread Risk	Financial loss or volatility of profits due to the combined sensitivity of the economic value of the investment portfolio and (re)insurance liability cash flows and debt securities issued to changes in the level or volatility of benchmark interest rates and credit spreads.
Market Risk Concentrations	Financial loss or volatility of profits due to the increased sensitivity of the market value of the investment portfolio to other risks specifically due to concentrations of investments such as in a specific geographical region, industry, or company.
Foreign Exchange Risk	Financial loss due to volatility in the value of the Company's assets and liabilities following changes in currency exchange rates.
Equity Price Risk	Financial loss or volatility of profits due to the sensitivity of the value of the investment portfolio to changes in the level or in the volatility of market prices of equities.

For further details of the Company's investment portfolio, which is subject to the risks above, see Note 8.

The Strategic Asset Allocation ("SAA") process establishes a target allocation for the investment portfolio that is constructed to maximize enterprise value, subject to various considerations and constraints. It is subject to the risk tolerances recommended by Risk Management and is approved at least every 3 years by the Board. It is expected to be updated annually starting in 2024.

- **Authorities Framework / Risk Appetite Framework**

In conjunction with the SAA, the Company has a Risk Appetite Framework modeled off the AXA Group framework, which limits exposure to various asset classes (with tighter limits for higher risk asset types), as well as duration and foreign exchange ("FX") mismatches. The Company also has centralized investment risk monitoring through the Investment Authorities and Guidelines, which further monitors exposures by average credit quality, corporate industry sector, region (for municipal securities, emerging markets), BBB exposure, and leverage. These controls are implemented through regular compliance monitoring and reporting.

The Risk Appetite Framework and associated market risk limits address the key market risk factors and are commensurate with the volume and complexity of activity undertaken by the Company. The framework is designed to capture investment risks and to consistently and objectively measure, assess, manage, and report such risks on an ongoing basis.

- **Service Level Agreement**

A service level agreement is in place between XL Group Investments Ltd. and the Company. This includes guidance on type of investments and the weighted average credit ratings of the portfolio that can be made on behalf of the Company. Adherence to policies and limits are monitored on a regular basis and reported to the Board.

4.2.1 Foreign exchange risk

Foreign currency exposures represent all net assets and liabilities held in currencies other than US Dollars that generate foreign exchange volatility. The Company's foreign currency exposure is dominated by the Australian Dollar, British Pound, Canadian Dollar, and Euro. The majority of our exposure relates to subsidiaries of the Company whose capital is denominated in the currencies below with our foreign currency exposure reported as translation reserves in the consolidated statement of changes in equity.

The Company seeks to mitigate the risk by matching the estimated foreign currency denominated liabilities with assets denominated in the same currency. Asset liability management analysis is run regularly to adjust surplus and shortfall currencies, ensuring that the entity exposures are broadly matched. Currency derivative instruments are used to hedge foreign exchange mismatch between assets and liabilities in subsidiaries of the Company resulting in a reduction in sensitivity to movements in foreign exchange rates impacting shareholder's equity (see Note 14.2.3).

The table below outlines the Company's year-end adjusted, post hedge exposure.

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022, restated
Australian Dollar	382,200	321,100
British Pound	(62,900)	(317,900)
Canadian Dollar	338,100	482,800
Euro	313,000	849,500

4.2.2 Stress testing and sensitivity analysis

An embedded Stress Testing framework is used to understand possible impacts of major risks, including market risks. The following stress and scenario tests are used to identify risk exposures:

- net income volatility stress tests;
- interest rate and credit spread sensitivity testing: by re-valuing current portfolio holdings assuming various changes in the levels of interest rates and credit spreads;
- FX stress tests on assets and liabilities;
- ad hoc scenario stress testing as deemed appropriate by Risk Management; and
- predefined stress tests in accordance with the BMA framework.

The Company performs sensitivity analyses to estimate its exposure to movements in interest rates and equity markets. These analyses quantify the potential impact on the Company of positive and adverse changes in financial markets.

The sensitivities of shareholder's equity to changes in major economic assumptions were calculated as follows for year-end 2023:

- upward/downward shift of 50 basis points in reference interest rates simulates an instantaneous shock to the initial conditions;
- upward/downward shift of 50 basis points in credit spreads in similar fashion to interest rates;
- 25% higher/lower value of equity markets simulates a shock to the initial conditions for equities only. Listed equities and private equity values including the impact of equity hedges are shocked (i.e., changes to current market values of all these equities excluding hedge funds).

The impacts of these shocks are assessed independently, without factoring any cross effect or correlation between them.

<i>(US Dollars in thousands)</i>	December 31, 2023		December 31, 2022 restated	
	Amount	Percentage	Amount	Percentage
Shareholder's Equity	12,651,151	100.0 %	11,763,762	100.0 %
Interest Rates +50bps	(326,437)	(2.6) %	(161,609)	(1.4) %
Interest Rates -50bps	336,333	2.7 %	164,562	1.4 %
Credit Spreads +50bps	(337,437)	(2.7) %	(333,392)	(2.8) %
Credit Spreads -50bps	350,763	2.8 %	344,995	2.9 %
Equity Markets +25%	339,361	2.7 %	273,504	2.3 %
Equity Markets -25%	(316,874)	(2.5) %	(251,082)	(2.1) %

Note: All sensitivities are presented net of tax, and reflect the impact on both assets and liabilities, where applicable.

4.3 CREDIT RISK

Credit risk is defined as the risk of loss resulting from migration and default. AXA XL is exposed to five sources of credit risk: (i) reinsurance counterparty risk, (ii) investment counterparty risk, (iii) premium counterparty risk, (iv) underwriting counterparty risk, and (v) treasury counterparty risk. Credit risk arising from country specific exposures is captured as part of the Divisional country risk framework.

Each source of credit risk is further defined as follows:

Component	Description
Reinsurance Counterparty Risk	Risk of losses due to the default of a reinsurer or a deterioration of its credit worthiness.
Investment Counterparty Risk	Investment counterparty default risk is the risk of possible losses due to the unexpected default, or deterioration in the credit standing of investment counterparties.
Premium Counterparty Risk	Premium counterparty default risk is the risk of possible losses due to unexpected default, or deterioration in the credit standing of the premium debtors in relation to insurance/reinsurance contracts written.
Underwriting Counterparty Risk	Exposure to obligor credit risk default or deterioration of obligor credit risk that the Company is exposed to through certain credit sensitive underwriting activities which include Trade Credit, Commercial and Construction Surety, and Professional lines.
Treasury Counterparty Risk	Exposure to the risk of default or to the risk of credit deterioration of counterparty banks used by the company in its day-to-day treasury operations (deposits, cash balance and foreign exchange transactions).

4.3.1 Credit risk framework

The Company credit risk framework is managed with four sets of limits:

- The “Systemic Credit Clash Scenario” is an enterprise view of portfolio risk to a systemic credit event that incorporates all relevant Division risk sources that could be impacted by a credit risk event.
- The “Systemic Financial Institutions Realistic Disaster Scenario” (“FI RDS”) is an underwriting view of portfolio risk to a defined global financial crisis.

These scenarios (Systemic Credit Clash and FI RDS) reflect an “instantaneous” view of the ultimate risk. The scenarios conservatively assume that the entirety of the losses, which are expected to multiyear in nature, all occur on day one. The risk sources are diverse in terms of how they are expected to manifest themselves thus creating a form of “time diversification”. The scenarios are expressed in Probable Maximum Loss (“PML”) terms with methodologies aligned to tail events.

- “Obligor Idiosyncratic Concentration Risk” is managed with alerts and limits set as a function of obligor credit quality. Alerts and limits are in USD net notional terms representing the amount at risk and assuming no recovery. Exposures are from the functional sources (Reinsurance Recoverables, Treasury, and Investments) and from the reinsurance underwriting businesses with embedded credit risk activities. Credit quality ratings are derived from AXA Group. When an obligor is not in the AXA Group universe, AXA XL applies its own credit rating methodology.
- “Country Risk Limits” are set to manage obligor concentration aggregated at their country of risk level with limits by country expressed in PML terms and with methodologies aligned to tail events.

Guidelines are used to manage concentration to brokers and issuers of incoming letters of credit and surety bonds.

In addition, obligor exposures are also required to align to the AXA Group Global Issuer Framework, which can constrain AXA XL obligor deployment even if AXA XL credit risk framework capacity exists. Constraints from AXA Group come in various forms:

- names on Ban list due to default risk, reputational risk, or high level of deployment;
- names on Watch list where available capacity has been already allocated to other AXA entities; and
- names with specific risk allocations to the credit sensitive businesses and to Treasury.

Credit risk arising from credit sensitive underwriting activities is also managed via the underwriting limit framework. Credit risk in the investment portfolio is also managed through various frameworks including Authorities & Guidelines, and Fixed Income Concentration. These address the credit quality of obligors and counterparties, diversification, and exposure *versus* limits by rating, term, and seniority.

4.3.2 Investment portfolio

Credit risk is also managed through the credit research performed by external investment management service providers, AXA Group Risk Management, and the in-house portfolio management team.

At December 31, 2023, and 2022, the breakdown of the investment portfolio (\$37.8 billion and \$34.6 billion, respectively) by credit rating category was as follows:

Investment Portfolio by Credit Rating Category	Percentage of Total	
	December 31, 2023	December 31, 2022 restated
AA and above	53.6%	50.6%
A	25.1%	25.6%
BBB	20.2%	22.5%
BB and below / other	1.2%	1.3%
TOTAL	100.0%	100%

4.3.3 Reinsurance recoverables

The Company manages its credit risk in its external reinsurance relationships by transacting with reinsurers that it considers financially sound, and if necessary, collateral in the form of funds withheld, trust accounts and/or irrevocable letters of credit may be held.

The following table sets forth the ratings profile of the reinsurers that support the unpaid loss and loss expense recoverable and reinsurance balances receivable, net of collateral, at December 31, 2023, and 2022:

Reinsurer Financial Strength Rating	Percentage of Total	
	December 31, 2023	December 31, 2022 restated
AA and above	42.4%	38.5%
A	47.4%	54.1%
BBB	1.0%	0.9%
BB and below	0.8%	0.9%
Captives	8.4%	5.6%
TOTAL	100%	100%

4.3.4 Stress testing

There is an embedded stress testing framework that is used to understand possible impacts of major risks, including credit risks. AXA XL stress tests the impact of downgrades against its obligor credit and country risk appetites. The Company initiates corrective actions by restricting any further capacity deployment in case of a high probability of downgrade that would breach the company credit or country risk limits.

4.4 INSURANCE RISKS

Insurance risks are defined using the following categories:

Component	Definition
Underwriting Risk	Underwriting risk derives from insurance and reinsurance policies written for the current period and from unearned exposure from prior periods. The risk is that the corresponding premium will be insufficient to cover future claims and other costs or more generally that the underwriting profitability from this tranche of business will be less than expected. Underwriting risk includes man-made and natural catastrophe events.
Reserve Risk	Reserve risk relates to policy liabilities (corresponding to business written in prior periods where the exposure has already been earned at the opening balance sheet date) being insufficient to cover the cost of claims and associated expenses until the time horizon for the solvency assessment. Additional risks are that the timing or amount of actual claims pay outs do not align with the timing or amounts of the estimated claims pay outs and that there are changes in the valuation of the market value margin (risk margin) during the time horizon for solvency assessment.

Underwriting and loss experience is reviewed regularly for, among other things, loss trends, emerging exposures, changes in the regulatory or legal environment as well as the efficacy of policy terms and conditions. Underwriting risk is also identified through:

Process	Description
Business Planning	Analysis is undertaken of the underwriting portfolio, exposures, loss experience and changes to the external environment (including market cycle and economic environment) to identify any changes to the insurance risk profile for the forthcoming period of the budget/business plan.
Underwriting Processes (including Guidelines and Escalation Authorities)	Each individual contract written is assessed through the underwriting process (which is subject to granular underwriting guidelines and escalation authorities) for the nature and level of insurance risk that it brings to the business including consideration of the exposure by nature of the limit, the risks insured, the location of the risks and other underwriting criteria.
Reserving and Claims Process	On an ongoing basis, claims trends are monitored and analyzed for any indications of change to the underlying insurance risk.
Risk Assessment and Process	Through the risk assessment processes, the Company quantifies existing risks and identifies new risks.
Development of Realistic Disaster Scenarios (RDS) and Other Scenarios	Used to monitor exposure to the defined scenarios and monitor compliance with underwriting risk tolerances and limits.
Independent Underwriting Reviews	Conducted on a risk-based approach by the Underwriting Governance team.

4.4.1 Mitigation strategies

4.4.1.1 Reinsurance purchase

The Company participates in the AXA XL managed outwards third party reinsurance risk transfer program to support the Company's underwriting strategy within risk appetite and to ensure efficient use of capital. AXA XL works with the AXA Group Reinsurance entity ("AXA SA") on the outwards reinsurance strategy placements, especially for placements where there is a Group Risk Appetite in place (e.g., Natural Catastrophe, Cyber Per Event, Property Per Risk, Liability Per Event). Business ceded varies by location and line of business based on a number of factors, including market conditions. The goals of the outwards reinsurance risk transfer program include reducing exposure on individual risks, protecting against catastrophic risks, maintaining acceptable capital ratios, and enabling the writing of additional business. The overall goal of the program is to reduce volatility and enhance overall capital efficiency.

The Company's reinsurance strategy is considered as part of the annual business planning process. The impact of that strategy is monitored quarterly by management.

4.4.1.2 Actuarial function

To mitigate the risk of large changes of reserves from one period to the next which are due to internal (not external) factors such as human errors, the reserving process performed by the Actuarial function is highly structured, strictly defined and controlled, and includes several layers of oversight.

4.4.1.3 Reserve Second Opinion

To have an independent opinion on the level of technical reserves, and on the risks and uncertainties related to the reserve valuation process, AXA XL conducts two reserve assessments, performed by independent reporting lines: the first opinion assessment is performed by Actuarial Financial Reporting (reporting to the CFO), and the second opinion assessment is performed by Risk Management (reporting to the CRO). The two assessments are developed separately and presented to the Management Review Committee of Reserves, which determines the level of booked reserves based on the two views.

4.4.1.4 Rating adequacy

Underwriters are supported by dedicated teams of claims personnel and pricing actuaries. Premiums are set and adjusted based in large part, on the industry group in which the insured is placed, the corresponding industry sector rating, and the perceived risk of the insured relative to the others in that group. The rating methodology used for an individual insured seeks to set premiums in accordance with claims potential. Underwriting guidelines and policy forms differ by product offering as well as by legal jurisdiction. Pricing tools are specialized and generally operate by line of business.

4.4.1.5 Underwriting authorities and guidelines

All underwriters are assigned individual underwriting authorities with the objective of preserving the capital base and controlling earnings volatility. Authorities within the business units are delegated through the underwriting management structure, and the annual review of underwriting limits is part of the business planning process. Authorities are also set in line with individual underwriter experience level, agreed risk appetites and risk tolerances for material individual events, RDS that cross multiple lines of business, and from risks related to some or all the above that may occur concurrently.

The Company underwrites and prices most risks individually following a review of the exposure and in accordance with its underwriting guidelines. The Company seeks to serve our clients while controlling our exposure both on a portfolio basis and on individual insurance contracts through terms and conditions, policy limits and sub-limits, attachment points and ceded reinsurance (outwards) arrangements on certain types of risks.

4.4.1.6 New product process

The Product Innovation Team within the Global Chief Underwriting Office tracks product innovation and ensures that new products go through the governance process and approvals are obtained by the appropriate committees and leadership. All new products are reviewed and approved by the Company.

4.5 LIQUIDITY RISK

Liquidity risk is defined as the inability to meet cash and collateral posting obligations when they come due. Liquidity risk arises from three principal areas: operating, financing, and investing cash flows. The RMF addresses how the Company manages liquidity both under a normal and a stressed environment.

4.5.1 Mitigation strategy

One of the principal objectives of liquidity risk management is to ensure that there is readily available access to funds with which to settle large or multiple unforeseen claims. It is generally expected that positive cash flow from operations (underwriting activities and investment income) will be sufficient to cover cash outflows under most future loss scenarios.

Cash requirements include all possible claims on cash from policyholders, and operations. Some of these cash outflows are scheduled while others are known with much less certainty. The goal is to ensure sufficient liquidity in the asset portfolio, together with secured external cash sources, to provide for timely payment of potential cash demands under both normal business conditions and under extreme conditions resulting from unforeseen events over multiple time horizons. AXA XL Treasury has responsibility to identify and monitor concentration risk of cash at banks, along with funding requirements.

Liquidity risk is managed through:

- Asset-Liability Management (“ALM”) - Treasury conducts detailed ALM analyses to match the currency mix of its liabilities with appropriate assets. Investments manages the duration gap of assets and liabilities within a pre-defined range.
- Special Funding Clauses - the major source of liquidity risk within underwriting contracts is the provision of rating triggers, which are common practice. These triggers typically necessitate the cancellation of the policy and the return of the cedant’s unearned premium in the event of being downgraded below a certain rating level, which has the potential to be a material liquidity event when aggregated. There are controls in place to ensure that there is appropriate authorization for the inclusion of a downgrade clause in a contract.

The AXA XL Treasury and Risk Management departments serve as the focal point for liquidity monitoring, drawing on the expertise of other internal functions, as well as managing cash held at bank accounts covering day-to-day cash requirements, typically referred to as operating cash. Operating cash balances, together with cash managed within the investment portfolio, comprise the primary sources of liquidity for the Company. The Company has several credit facilities received which are detailed in Note 19.1.

The state of the Company’s liquidity is routinely reported to the Board and monitored as part of the RAF.

4.5.2 Stress testing

There is an embedded stress testing framework that is used to understand possible impacts of major risks, including liquidity risks. A stressed liquidity analysis report is prepared on a quarterly basis by Treasury and Risk Management, which includes the Company’s own view of the stressed sources and uses of liquidity over multiple time horizons (ranging from 1 week to 12 months).

Entities must maintain positive excess liquidity post simultaneous stresses from operating cash flows, capital markets, and natural catastrophes over each time horizon.

4.6 OPERATIONAL RISK

Operational risk is the risk of loss resulting from inadequate or failed internal controls and/or processes, from people and systems, or from external events. This includes legal risk and excludes risks arising from strategic decisions. In line with business objectives, the Company does not take on operational risk with a view to achieving enhanced return. Rather, it accepts operational risk as a consequence of writing (re)insurance business and having operations to support the writing of that business. The Company identifies, measures, and manages operational risk through its annual risk assessment process, OPERA (internal loss incident and risk event) reporting, monitoring of key risk indicators, scenario analysis, Internal Control testing and governance processes.

4.6.1 Mitigation strategies

The Company's risk register takes into account the controls in place that mitigate specific risks. The nature of the controls and the strength of control exercised are based upon the:

- potential severity of the risk;
- frequency of the risk occurring;
- cost of implementing controls relative to the significance of the risk; and
- appetite and tolerance for the risk.

An annual risk assessment is performed for all risks on the risk register. The assessment involves capturing the risk owner's view of the potential severity should an incident occur relating to the risk, and the likelihood of such incident occurring. Together this establishes the profile of each risk, allowing identification of top risks, thereby facilitating appropriate risk-based monitoring.

The controls are subject to review and testing by the Internal Control and Internal Financial Control teams as noted in Section 4.1.2 and 4.1.7 and Internal Audit as described in Section 4.1.9.

It is also recognized that while the Company may buy insurance with the aim of reducing the monetary impact of certain operational risk events (e.g., physical damage), non-monetary impacts may remain (including impact on the Company's reputation). This is considered in the risk assessment process and risk register.

The risks are monitored and managed through the risk framework and the operational loss and risk event reporting process.

4.6.2 Stress & scenario testing

The Company has a stress and scenario testing framework including multiple operational risk scenarios, developed from the top risks assessed during the annual risk assessment process, which are then evaluated over multiple return periods. The largest scenario is considered as part of the Company's Single Event Risk Appetite Statement. The scenarios are monitored against tolerances and assist with understanding economic and reputational impacts of the identified top operational risk exposures.

4.7 OTHER RISKS

4.7.1 Strategic

A strategic risk is the risk that a negative impact (current or prospective) on earnings or capital, material at the AXA XL divisional level, arises from a lack of responsiveness to industry changes or adverse business decisions regarding:

- significant changes in footprint, including through mergers and acquisitions;
- product offering and client segmentation; and
- distribution model (channel mix including alliances/partnerships, multi-access and digital distribution).

Strategic risk management is based on the following guiding principles:

- provide a comprehensive perspective on Divisional forecasted evolution;
- maintain a deep understanding of the competitive landscape and a comprehensive perspective of long-term trends to define a strategy; and
- ensure the strategic rationale of the portfolio evolution within the Division.

4.7.2 Reputational

Reputation risk is the risk that an event will negatively influence the stakeholders' perceptions of the Company. AXA XL maintains a Reputational Risk Framework which encompasses a set of planned actions and established policies to reduce the probability and/or the expected costs if the latent reputational problems become actual.

4.7.3 Emerging

Emerging risks are risks which may develop in the future, or which already exist and are continuously evolving. They are marked by a high degree of uncertainty, and some of them may even never emerge. Emerging risks may be difficult to quantify and can have potentially serious consequences if they are not anticipated in a timely manner. To assess the impact of emerging risks at AXA XL, the Emerging Risks Committee and the Emerging Risks Task Force are tasked with identifying, analyzing, prioritizing, quantifying, monitoring, and reporting on emerging risks that could have an impact on existing and future product offerings and business operations. The Emerging Risks Committee and Task Force work together to undertake both strategic and risk management processes, assisting in identifying potential opportunities in the market and providing thought leadership around emerging risk issues to optimize underwriting and strategic decisions.

4.7.4 Regulatory

The Company operates in multiple jurisdictions across multiple legal entities, which increases the potential exposure to regulatory risk. Local Compliance presence ensures a full understanding of local regulatory issues, supported by wider training and communication to ensure local requirements are understood by all AXA XL underwriters. A robust Compliance Framework is implemented across all entities and regions.

4.7.5 Sustainability (including Climate)

ESG Risk refers to the potential material negative impact on the Company's long-term viability from an environmental, social, or (corporate) governance ("ESG") event. The Company is exposed to climate change risk, as further described below, but also to social issues such as ensuring a decent workplace for all and to potential inadequate (corporate) governance that could have a reputational impact and other effects. The Company's Sustainability team conducts materiality assessments to identify the most significant ESG risks. The Company's Sustainability strategy includes incorporating ESG considerations into our products, services, and own operations, as well as defining our vision and position as a "corporate citizen". The identification and tagging of ESG risks are included within AXA XL's Operational Risk Framework. Divisional Key Risk Indicators ("KRIs"), including those related to ESG risks, were developed during 2022. The KRIs are being reviewed to ensure ongoing alignment to the new AXA XL 2023-2026 Sustainability Strategy and to focus more explicitly on any impacts from climate change. Reputational risk is considered across all operational risks as an impact criteria, as part of the annual operational risk assessment process. Quarterly reporting to AXA Group is also in place for reputational risk and will focus on areas such as clients with poor ESG credentials, which are mostly mitigated by underwriting exclusions.

Climate risk, and consequently climate change risk, is a key area of consideration to the Company. All AXA lines of business, including those in AXA XL, now share the priority to "Sustain our Climate leadership position". AXA's strategy is not only to adapt, but also to take advantage of its expertise to provide solutions.

The company is exposed to all forms of climate and climate change risk, namely:

- **Physical Risks:** these are the first-order risks which arise from weather-related events, such as floods and storms. They comprise impacts directly resulting from such events, such as damage to property, and those that may arise indirectly through subsequent events, such as disruption of global supply chains or resource scarcity. The Company has exposure to natural catastrophes which therefore might be impacted and is supported by an AXA XL Division Science & Natural Perils team who consider the impact of climate change on the natural catastrophe models. Our ceded reinsurance protections act to mitigate the risks from natural perils, including those related to climate. However, the hazard changes from the impact of climate change on natural perils are likely to present themselves gradually over a long time period and therefore we view this risk as chronic rather than acute.
- **Transition Risks:** these are financial risks which could arise from the transition to a lower-carbon economy, incorporating changes in policy, technology and consumer preference. This can include both loss-causing impacts and the future stability of some of our product portfolios. This risk impacts the Company in, for example, the energy sector where we are seeing the impact of COP (the United Nations Climate Change Conference) and a move towards insuring renewable energy initiatives as well as monitoring areas such as the motor, aviation, construction and other areas where business could be impacted. We have specific initiatives to grow our Renewable Energy portfolio and practice groups in place to develop best practice to

underwriting these technologies. This expert knowledge and engagement with our clients enable AXA XL to be resilient to the changing risks we face in this area.

- **Liability and Litigation Risks:** These are risks that arise from parties who have suffered loss or damage from climate change, and then seek to recover losses from others who they believe may have been responsible or whose actions they want to influence. Where such claims are successful, those parties against whom the claims are made may seek to pass on some or all the cost to insurance firms under third-party liability contracts such as professional indemnity ("PI") or directors' and officers' ("D&O") insurance. Where liability is not ruled or settled, the Company could still be exposed to the costs of duty to defend, should clients seek to recover costs here. The Company has exposure across a range of industries which could be targeted in climate change litigation.

Climate change risks have potential impacts on our underwriting, investments, and company operations and therefore this risk has dedicated groups to ensure that the transversal nature is duly considered, appropriately managed, and mitigated. Given the long time horizon over which these risks may emerge and the considerable uncertainty in future projections, AXA XL has been developing a series of stress tests to better understand the long-term implications for this risk.

Climate change risk is managed through the Risk Management Framework ("RMF"). Through this process risks are identified. In the case of risks pertaining to climate change, physical, transition and litigation risks have been long standing items in our emerging risks identification process. As these risks have developed, they are assessed and monitored for each risk type. For example, the potential physical risk impacts on our natural catastrophe risk are considered within our underwriting risk framework. This ensures that each element of climate risk is managed by those with most expertise, that relevant stakeholders are kept informed and that these risks can be cross compared to others with similar characteristics. In addition, AXA XL has established a Climate Change Risk & Stress Testing Working Group to ensure that information is relayed across risk types and a transversal approach is also taken to the risk. Controls in relation to these risks are documented in the applicable risk policies where relevant.

For underwriting risk, stress testing has been developed to consider the impact of physical risk to our natural catastrophe exposures. In addition, work is in progress to consider a number of litigation risk scenarios and the impact on underwriting risk. Within market risk, there is a stress test in place to consider a disorderly transition, based on European Insurance and Occupational Pensions Authority (EIOPA) scenario.

4.8 MATERIAL RISKS CONCENTRATION

Material concentrations can occur within and across risk categories. Our RAF is intended to address both. The RAF and expected exposures are reviewed annually and tested through our stress testing framework.

The RAF has two key components: high level risk appetite statements and a set of risk exposure limits linked to specific risk types. Risk appetite statements, exposures and limits will be reviewed for approval by the Board in April 2024 to reflect the risk profile of the Company and the 2024 business plan.

There are three components to the high-level risk appetite statements:

- **Value** - this considers exposure to the largest natural catastrophe event (at 1 in 200 years), default of single counterparty (not risk adjusted), largest claim or operational risk event (at 1 in 200 years);
- **Solvency** - this considers the buffer that is required to be held in excess of regulatory capital. The target level of solvency is for the Company to withstand the largest of a 1 in 20 years financial event or insurance event without the need to call on AXA Group for support; and
- **Liquidity** - this considers the ability to pay claims resulting from a stress event.

The risk exposure limits cover market, credit, reserve, underwriting, operational and life risks:

- **Market Risks** - indicators exist for exposures per asset class, duration gap and foreign exchange mismatch;
- **Credit Risks** - indicators exist for fixed income concentration, global issuer exposure and sovereign exposure;
- **Reserve Risk** - the reserving risk appetite definition has been updated with the introduction of the IFRS 17 standard and now aims at monitoring the net of reinsurance discounted claims outstanding reserves against a limit and alert level. The alert level is Risk Management's independent opinion of reserves. The limit is defined as the alert level less the IFRS 17 Risk Adjustment amount;
- **Underwriting Risk:**
 - Underwriting limits are spread across property (where the limit is based on probable maximum loss ("PML")), liability, marine, aviation, D&O and cyber lines. The limits are based on exposure to a single insured and equal the sum of the contractual limits (direct or facultative) net of reinsurance.
 - **Natural catastrophe** - exposures are monitored for North Atlantic Windstorm, North Atlantic Earthquake and European Windstorm for a 1 in 200-year event net of reinsurance.

- The cyber per event appetite monitors cyber affirmative exposure per guarantee (first party and third party).
- Operational Risk:
 - Operational risk: this appetite is set to the amount of loss per individual risk (at 1 in 200 years).
 - Information risk: various metrics monitoring exposure to theft of data.
- Life Risk - indicators exist for longevity risk, per life and per event risk for pandemic, terrorism, and earthquake.

Alert levels are set by the AXA XL Division generally at 80% of the risk appetite level and are monitored on a regular basis. Reporting against the risk appetites is undertaken through the Risk Dashboard that is produced for the Audit, Risk and Compliance Committee on a monthly basis. The frequency of update of the exposure positions is as follows:

- Over-arching risk appetite statements (solvency, single event and liquidity) - quarterly
- Risk appetite exposures:
 - Market risks - quarterly
 - Credit risks - quarterly
 - Reserve risk - semi-annually
 - Underwriting per risk - semi-annually
 - Natural catastrophe exposures - quarterly
 - Cyber per event - semi-annually
 - Operational risk - annually

Loss exposure estimates for all event risks are derived from a combination of commercially available and internally developed models together with the judgement of management, as overseen by the Board. Actual incurred losses may vary materially from our estimates. Factors that can cause a deviation between estimated and actual incurred losses may include:

- Inaccurate assumptions of event frequency and severity;
- Inaccurate or incomplete data;
- Changing climate conditions that may add to the unpredictability of frequency and severity of natural catastrophes in certain parts of the world and create additional uncertainty as to future trends and exposures;
- Future possible increases in property values and the effects of inflation that may increase the severity of catastrophic events to levels above the modelled levels;
- Natural catastrophe models that incorporate and are critically dependent on meteorological, seismological, and other earth science assumptions and related statistical relationships that may not be representative of prevailing conditions and risks, and may therefore misstate how particular events actually materialize, causing a material deviation between forecasted and actual damages associated with such events; and
- A change in the legislative, regulatory, and judicial climate.

For the above and other reasons, the incidence, timing and severity of catastrophes and other event types are inherently unpredictable, and it is difficult to estimate the amount of loss any given occurrence will generate. Consequently, there is material uncertainty around our ability to measure exposures associated with individual events and combinations of events. This uncertainty can cause actual exposures and losses to deviate from those amounts estimated, which in turn can create a material adverse effect on our financial condition and results of operations and may result in substantial liquidation of investments, possibly at a loss, and outflows of cash as losses are paid.

Note 5 Goodwill

(US Dollars in thousands)

	December 31, 2023	December 31, 2022
Balance at January 1	1,059,512	1,108,541
Additions	-	-
Disposals (a)	-	(36,559)
Foreign Currency Translation	5,292	(12,469)
Balance at December 31	1,064,804	1,059,512

a) The 2022 disposals are related to (i) the transfer of a business unit/subsidiary to another entity of AXA Group, and (ii) the sale of a small business unit/ subsidiary within insurance operations.
 Note: Goodwill related to entities accounted for using the equity method is not presented in this table (see Note 2.6.1).

5.1 Methodology by unit

The recoverability of goodwill is assessed using the value in use approach, as described in Note 2.6.1. The fair value is then compared to the carrying amount to assess the goodwill recoverability.

5.2 Main assumptions

The value in use approach uses cash flow projections based on business plans approved by management covering up to five years and discounted using a risk adjusted rate. Cash flows beyond that period are extrapolated, using a sustainable perpetual growth rate assumed to be achievable over the long term to derive a terminal value.

The earnings included in the business plan are agreed with XLB management and defined considering best estimate of operating assumptions, including expenses and loss ratios, investment income, economic capital, premium rates and taxes, all compliant with the various standards and the requirements of supervisory authorities, when applicable.

The discount rate of 7.8% used for the valuation has been derived using assumptions for risk-free interest rates, equity risk premiums, insurance activity beta and leverage ratios that are consistent with the view of XLB's management for the specific markets in which the CGUs operate.

The results of the cash flow projections exceeded the carrying amounts of each CGU. To the extent that the valuation of securities and interest rate levels remain low for prolonged periods of time, or volatility and other market conditions stagnate or worsen, profitability is likely to be negatively affected. In addition, the future cash flow expectations from both existing and new business and other assumptions underlying management's current business plans could be negatively impacted by other risks to which XLB's business is subject. Thus, subsequent impairment tests may be based upon different assumptions and future cash flow projections, which may result in an impairment of these assets in the foreseeable future.

Note 6 Other intangible assets

Other intangible assets represented \$578.5 million net value as of December 31, 2023 (\$642.3 million as of December 31, 2022) and included:

	Analysis of changes occurred in the course of 2023			
	Intangible assets recognized in business combinations and other business operations		Other intangible assets	Total
	Indefinite Life (a)	Definite Life	Definite Life	
Net carrying value as of January 1	357,997	191,897	92,431	642,325
Additions during the period	-	-	3,919	3,919
Disposal during the period	(4,000)	-	-	(4,000)
Amortization	-	(19,395)	(22,421)	(41,816)
Currency impact	2,561	2,674	1,666	6,900
Impairment	-	-	(28,846)	(28,846)
Net carrying value as of December 31	356,558	175,175	46,749	578,483
<i>Split of net carrying value:</i>				
Gross value	687,919	372,223	621,452	1,681,594
Accumulated amortization	-	(176,561)	(503,453)	(680,014)
Accumulated currency impact	(9,297)	(8,930)	(1,073)	(19,300)
Accumulated impairment	(322,065)	(11,556)	(70,176)	(403,797)

(a) Indefinite life intangible assets is comprised mostly of the Lloyd's syndicate capacity.

	Analysis of changes occurred in the course of 2022			
	Intangible assets recognized in business combinations and other business operations		Other intangible assets	Total
	Indefinite Life (a)	Definite Life	Definite Life	
Net carrying value as of January 1	370,411	218,307	119,857	708,574
Additions during the period	-	-	11,496	11,496
Disposal during the period	(7,095)	-	-	(7,095)
Amortization	-	(19,517)	(27,997)	(47,514)
Currency impact	(5,319)	(6,893)	(4,560)	(16,772)
Impairment	-	-	(6,365)	(6,365)
Net carrying value as of December 31	357,997	191,897	92,431	642,325
<i>Split of net carrying value:</i>				
Gross value	691,919	372,223	617,532	1,681,675
Accumulated amortization	-	(157,166)	(481,032)	(638,198)
Accumulated currency impact	(11,858)	(11,604)	(2,738)	(26,200)
Accumulated impairment	(322,065)	(11,556)	(41,331)	(374,951)

(a) Indefinite life intangible assets is comprised mostly of the Lloyd's syndicate capacity.

The Company's indefinite-lived intangible assets consist primarily of Lloyd's syndicate capacity plus acquired insurance and reinsurance licenses. The Company's definite-lived intangibles consist primarily of acquired agency relationships, distribution networks, trade names, and internally-developed computer software.

During 2023, there was a non-cash impairment charge for software of approximately \$28.8 million (\$6.4 million during 2022).

During 2023, the Company sold insurance licenses for \$2.8 million as part of the sale of a small business unit/subsidiary within insurance operations. The Company also disposed of an insurance license that was previously recorded at \$1.2 million.

Note 7 Investments

It should be noted that the amounts disclosed in the present Note as impacting the Company's consolidated comprehensive income do not consider the induced effects relating to insurance liabilities, notably those arising from contracts with direct participating features (refer to Notes 11 and 16) and, therefore, do not represent net ultimate gains or losses recognized in the consolidated statement of comprehensive income.

7.1 BREAKDOWN OF INVESTMENTS

The tables below present the fair value and the carrying value of the Company's investments, broken down by (i) class of investments, (ii) classification category according to IFRS 9 - Financial Instruments (namely, investments measured at amortized cost, at fair value through other comprehensive income ("FV OCI") or at fair value through profit or loss ("FV P&L")):

	December 31, 2023		
	TOTAL		
	Fair value	Carrying value	% (value balance sheet)
<i>(US Dollars in thousands)</i>			
Investment in real estate properties at amortized cost (A)	1,462,465	1,135,717	2.6 %
Debt instruments at amortized cost	227,335	269,247	0.6 %
Debt instruments at FV OCI	35,689,011	35,689,011	82.1 %
Debt instruments at FV P&L - FV Option	-	-	-
Debt instruments at FV P&L - Mandatory	1,877,779	1,877,779	4.3 %
Debt Instruments (B)	37,794,125	37,836,037	87.1 %
Equity instruments at FV OCI without recycling to P&L	256,131	256,131	0.6 %
Equity instruments at FV P&L	-	-	-
Equity Instruments (C)	256,131	256,131	0.6 %
Non consolidated investment funds at FV P&L (D)	3,366,458	3,366,458	7.7 %
Other assets at FV P&L, held by consolidated investment funds (E)	612,292	612,292	1.4 %
Financial investments excluding loans (F=B+C+D+E)	42,029,006	42,070,918	96.8 %
Loans at amortized cost	255,115	254,331	0.6 %
Loans at FV P&L - FV Option	-	-	-
Loans at FV P&L - Mandatory	2,008	2,008	-
Loans (G)	257,123	256,338	0.6 %
Total financial investments (H=F+G)	42,286,129	42,327,256	97.4 %
INVESTMENTS (J=A+H+I)	43,748,594	43,462,973	100.0 %

	December 31, 2022 restated		
	TOTAL		
	Fair value	Carrying value	% (value balance sheet)
<i>(US Dollars in thousands)</i>			
Investment in real estate properties at amortized cost (A)	1,616,721	1,135,096	2.8%
Debt instruments at amortized cost	220,818	262,830	0.7%
Debt instruments at FV OCI	32,457,567	32,457,567	80.7%
Debt instruments at FV P&L - FV Option	-	-	-
Debt instruments at FV P&L - Mandatory	1,898,418	1,898,418	4.7%
Debt Instruments (B)	34,576,803	34,618,815	86.0%
Equity instruments at FV OCI without recycling to P&L	351,921	351,921	0.9%
Equity instruments at FV P&L	-	-	-
Equity Instruments (C)	351,921	351,921	0.9%
Non consolidated investment funds at FV P&L (D)	3,233,129	3,233,129	8.0%
Other assets at FV P&L, held by consolidated investment funds (E)	634,159	634,159	1.6%
Financial investments excluding loans (F=B+C+D+E)	38,796,012	38,838,024	96.5%
Loans at amortized cost	259,144	258,217	0.6%
Loans at FV P&L - FV Option	-	-	-
Loans at FV P&L - Mandatory	-	-	-
Loans (G)	259,144	258,217	0.6%
Total financial investments (H=F+G)	39,055,156	39,096,241	97.2%
INVESTMENTS (J=A+H+I)	40,671,877	40,231,337	100.0%

7.2 INVESTMENT IN REAL ESTATE PROPERTIES

Investment in real estate properties includes buildings owned directly and through consolidated real estate entities.

Real estate properties held by XLB are measured at amortized cost. The table below presents the carrying value (disclosing separately cumulated amortization and impairment).

	December 31, 2023					December 31, 2022 restated				
	Gross value	Amortization	Impairment	Carrying Value	Fair value	Gross value	Amortization	Impairment	Carrying Value	Fair value
<i>(US Dollars in thousands)</i>										
Total investments in real estate properties	1,330,584	(186,884)	(7,983)	1,135,717	1,462,465	1,285,141	(150,044)	-	1,135,096	1,616,721

The following table provides a reconciliation from the opening balances to the closing balances for the cumulated amounts of impairment and amortization on investment in real estate properties:

	Impairment		Amortization	
	December 31, 2023	December 31, 2022 restated	December 31, 2023	December 31, 2022 restated
<i>(US Dollars in thousands)</i>				
Balance as of January 1	-	-	(150,044)	(134,112)
Increase	(7,983)	-	(32,953)	(29,908)
Write back following sale or reimbursement	-	-	-	1,722
Write back following recovery in value	-	-	-	-
Other impacts ^(a)	-	-	(3,886)	12,253
Balance as of December 31	(7,983)	-	(186,884)	(150,044)

(a) Includes impacts of changes in scope of consolidation and movements in exchange rates.

7.3 UNREALIZED GAINS AND LOSSES ON FINANCIAL INVESTMENTS

The tables below disclose unrealized capital gains and losses not reflected in the consolidated statement of profit or loss ("P&L"), that are related to financial investments measured at amortized cost or at fair value through OCI ("FV OCI"). These unrealized capital gains and losses are broken down by class of financial instruments and IFRS 9 classification category:

(US Dollars in thousands)	December 31, 2023					December 31, 2022 restated				
	Amortized cost	Fair Value	Carrying value	Unrealized gains	Unrealized losses	Amortized cost	Fair Value	Carrying value	Unrealized gains	Unrealized losses
Debt instruments at FV OCI	37,813,346	35,689,011	35,689,011	336,421	(2,460,756)	35,729,505	32,457,567	32,457,567	82,839	(3,354,777)
Debt instruments at amortized cost	269,247	227,335	269,247	-	(41,911)	262,830	220,818	262,830	79	(42,091)
Equity instruments at FV OCI without recycling to P&L	200,135	256,131	256,131	93,525	(37,528)	305,233	351,921	351,921	86,247	(39,559)
Loans at amortized cost	254,331	255,115	254,331	785	-	258,217	259,144	258,217	927	-

7.4 DEBT INSTRUMENTS AND LOANS

7.4.1 Debt instruments by type of issuer

The table below presents the composition of the Company's debt instruments portfolio by type of issuer:

(US Dollars in thousands)	December 31, 2023		December 31, 2022 restated	
	Fair value	Carrying value	Fair value	Carrying value
Corporate debt instruments ^(a)	20,397,734	20,439,646	18,953,768	18,995,780
Government and government-like debt instruments	10,403,709	10,403,709	9,195,669	9,195,669
Other debt instruments issued by government related issuers	6,992,682	6,992,682	6,427,366	6,427,366
TOTAL	37,794,125	37,836,037	34,576,803	34,618,815

(a) Includes debt instruments issued by companies in which a State holds interests.

7.4.2 Loans by type

The table below presents the composition of the Company's loans portfolio by type of loan:

(US Dollars in thousands)	December 31, 2023		December 31, 2022 restated	
	Fair value	Carrying value	Fair value	Carrying value
Mortgage loans	216,784	216,003	222,668	221,747
Other loans	40,339	40,336	36,476	36,470
TOTAL	257,123	256,338	259,144	258,217

7.4.3 Debt instruments and loans by contractual maturity and exposure to interest rate risk

The table below sets out the carrying value of debt instruments and loans held by the Company broken down by their contractual maturity. Effective maturities may differ from those presented, mainly because some debt instruments and loans include early redemption clauses, with or without penalty, or duration extension features. Furthermore, the effect of derivative instruments (refer to Note 14.3) may modify the maturity profile of assets presented below.

Debt instruments and loans whose fair value is exposed to interest rate risk, i.e. fixed-rate instruments, are disclosed separately. Most of debt instruments and loans held by the Company fall within this category.

	December 31, 2023				December 31, 2022 restated			
	12 months or less	More than 1 year up to 5 years	More than 5 years	Total Carrying value	12 months or less	More than 1 year up to 5 years	More than 5 years	Total Carrying value
<i>(US Dollars in thousands)</i>								
Debt instruments	3,009,808	13,964,642	20,861,587	37,836,037	2,564,809	13,494,569	18,559,437	34,618,815
Loans	100,449	155,889	-	256,338	128,287	129,930	-	258,217
Total financial investments exposed to interest rate risk	3,110,256	14,120,531	20,861,587	38,092,375	2,693,096	13,624,499	18,559,437	34,877,032
<i>of which financial investments whose fair value is exposed to interest rate risk</i>	<i>2,667,904</i>	<i>12,646,916</i>	<i>18,007,349</i>	<i>33,322,168</i>	<i>2,551,889</i>	<i>12,287,490</i>	<i>15,948,763</i>	<i>30,788,142</i>

7.5 EQUITY INSTRUMENTS

7.5.1 Equity instruments by issuer industry and exposure to price risk

The table below sets out the portfolio of equity instruments held by the Company at the closing date and exposed to equity prices fluctuations, broken down by issuer's industry, presenting those designated at fair value through OCI ("FV OCI") without recycling to P&L applying the IFRS 9 classification option. The carrying value of those investments is equal to their fair value.

The table also discloses the amount of dividends recognized in profit or loss over the period on FV OCI equity instruments still in the portfolio at the closing date:

	December 31, 2023							
	Financial	Consumer goods & services	Energy	Communications	Industrial	Basic Materials	Technology	Other
<i>(US Dollars in thousands)</i>								
Equity instruments at FV OCI without recycling to P&L	180,021	-	-	-	-	-	76,110	-
Total carrying value of equity instruments	180,021	-	-	-	-	-	76,110	-
<i>Dividends recognized in the period on equity instruments at FV OCI without recycling to P&L held as of the reporting date</i>	<i>4,651</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>4,651</i>

	December 31, 2022 restated							
	Financial	Consumer goods & services	Energy	Communications	Industrial	Basic Materials	Technology	Other
<i>(US Dollars in thousands)</i>								
Equity instruments at FV OCI without recycling to P&L	255,212	14,418	-	22,966	6,770	-	52,555	-
Total carrying value of equity instruments	255,212	14,418	-	22,966	6,770	-	52,555	-
<i>Dividends recognized in the period on equity instruments at FV OCI without recycling to P&L held as of the reporting date</i>	<i>5,871</i>	<i>290</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>6,160</i>

7.5.2 Equity instruments designated at fair value through OCI derecognized during the period

The following tables display, for equity instruments designated at fair value through OCI ("FV OCI") without recycling to profit or loss and derecognized during the period, their fair value at the date of derecognition, dividends received in the period and recognized in profit or loss, as well as the cumulative amounts of capital gains or losses at the date of derecognition (not recycled to profit or loss but transferred to retained earnings on derecognition), all broken down by issuer's industry.

	December 31, 2023								
<i>(US Dollars in thousands)</i>	Financial	Consumer goods & Services	Energy	Communications	Industrial	Basic Materials	Technology	Other	TOTAL
Fair value at the date of derecognition	100,725	15,390	-	26,766	8,845	-	-	-	151,726
Dividend related to instruments derecognized during the period	277	170	-	-	-	-	-	-	447
Cumulative gains or losses at the date of derecognition	29,247	(727)	-	(2,564)	5,183	-	-	-	31,139

	December 31, 2022 restated								
<i>(US Dollars in thousands)</i>	Financial	Consumer goods & Services	Energy	Communications	Industrial	Basic Materials	Technology	Other	TOTAL
Fair value at the date of derecognition	41,101	10,020	-	1,995	-	-	(1,463)	-	51,653
Dividend related to instruments derecognized during the period	40	-	-	-	-	-	-	-	40
Cumulative gains or losses at the date of derecognition	13,783	866	-	(35)	-	-	(2,602)	-	12,012

7.6 TRANSFERS OF FINANCIAL ASSETS NOT QUALIFYING FOR DERECOGNITION

The Company participates in repurchase agreements and securities lending transactions under which financial assets are sold to a counterparty, subject to a simultaneous agreement to repurchase these financial assets at both a certain later date and agreed price. As substantially all the risks and rewards of the financial assets remain with the Company over the entire lifetime of the transaction, they are not derecognized.

Additionally, the Company is party to total return swaps where financial assets are sold to a counterparty with an agreement in which the Group retains substantially all the risks and rewards of the financial instruments. Therefore, these financial assets are not derecognized.

Proceeds from the sales are reported separately in the line item Payables of the consolidated statement of financial position, and interest expense is accrued over the duration of the agreements.

The following table presents the carrying value of transferred financial assets not qualifying for derecognition, broken down by their IFRS 9 classification category, and of corresponding liabilities:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
Carrying value of assets	1,269,622	910,276
of which debt instruments at FV OCI	1,269,622	910,276
of which debt instruments at FV P&L	-	-
Carrying value of associated liabilities ^(a)	1,407,367	1,010,006

(a) Amounts do not include securities received as collateral to securities lending transactions if such collateral is not recognized under the terms of the agreement because the risks and rewards have not been transferred to the Company.

7.7 NON-CONSOLIDATED INVESTMENT FUNDS

The table below sets out the portfolio of non-consolidated investment funds held by the Company broken down by type of underlying financial assets. These investments are measured at fair value through profit or loss:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
	Fair value	Fair value
Non-consolidated investment funds mainly holding equity instruments	651,462	572,415
Other non-consolidated investment funds	696,547	643,600
Non-consolidated investment funds mainly holding debt instruments	2,018,448	2,017,114
TOTAL	3,366,458	3,233,129

7.8 FINANCIAL INVESTMENTS SUBJECT TO IMPAIRMENT

7.8.1 Breakdown of financial investments subject to impairment

The tables below set out the Company's portfolio of financial investments subject to impairment, namely debt instruments and loans measured at amortized cost or at fair value through OCI ("FV OCI"), broken down by class of financial investments, IFRS 9 classification category and IFRS 9 impairment stage (refer to Note 2.7.2.2), namely:

- Stage 1: financial investments for which credit risk has not increased significantly since initial recognition, and the loss allowance is measured at an amount equal to 12 months expected credit losses;
- Stage 2: not credit-impaired financial investments for which credit risk has increased significantly since initial recognition, and the loss allowance is measured at an amount equal to lifetime expected credit losses;
- Stage 3: financial investments which were not purchased or originated credit impaired but became credit impaired since their initial recognition, and for which the loss allowance is measured at an amount equal to lifetime expected credit losses.

	December 31, 2023				
	Cost before impairment and revaluation to fair value	Impairment	Cost after impairment but before revaluation to fair value	Revaluation to fair value	Carrying value
<i>(US Dollars in thousands)</i>					
Stage 1					
Debt instruments at amortized cost	269,587	(340)	269,247	-	269,247
Debt instruments at FV OCI	37,798,135	(8,103)	37,790,032	(2,119,050)	35,670,982
Debt instruments (A)	38,067,722	(8,443)	38,059,279	(2,119,050)	35,940,229
Loans at amortized cost (B)	254,553	(222)	254,331	-	254,331
Total Stage 1 (C=A+B)	38,322,275	(8,665)	38,313,610	(2,119,050)	36,194,560
Stage 2					
Debt instruments at amortized cost	-	-	-	-	-
Debt instruments at FV OCI	3,819	(74)	3,745	(467)	3,278
Debt instruments (D)	3,819	(74)	3,745	(467)	3,278
Loans at amortized cost (E)	-	-	-	-	-
Total Stage 2 (F=D+E)	3,819	(74)	3,745	(467)	3,278
Stage 3					
Debt instruments at amortized cost	-	-	-	-	-
Debt instruments at FV OCI	31,766	(12,197)	19,569	(4,818)	14,751
Debt instruments (G)	31,766	(12,197)	19,569	(4,818)	14,751
Loans at amortized cost (H)	-	-	-	-	-
Total Stage 3 (I=G+H)	31,766	(12,197)	19,569	(4,818)	14,751
Total Debt instruments at amortized cost	269,587	(340)	269,247	-	269,247
Total Debt instruments at FV OCI	37,833,720	(20,375)	37,813,346	(2,124,335)	35,689,011
Total debt instruments (J=A+D+G)	38,103,307	(20,715)	38,082,592	(2,124,335)	35,958,258
Total loans at amortized cost (K=B+E+H)	254,553	(222)	254,331	-	254,331
Total financial investments subject to impairment (L=J+K)	38,357,860	(20,937)	38,336,923	(2,124,335)	36,212,588

	December 31, 2022 restated				
	Cost before impairment and revaluation to fair value	Impairment	Cost after impairment but before revaluation to fair value	Revaluation to fair value	Carrying value
<i>(US Dollars in thousands)</i>					
Stage 1					
Debt instruments at amortized cost	263,211	(381)	262,830	-	262,830
Debt instruments at FV OCI	35,706,686	(8,572)	35,698,114	(3,269,075)	32,429,039
Debt instruments (A)	35,969,897	(8,953)	35,960,944	(3,269,075)	32,691,869
Loans at amortized cost (B)	258,382	(165)	258,217	-	258,217
Total Stage 1 (C=A+B)	36,228,278	(9,117)	36,219,161	(3,269,075)	32,950,086
Stage 2					
Debt instruments at amortized cost	-	-	-	-	-
Debt instruments at FV OCI	18,482	(1,730)	16,752	(1,393)	15,359
Debt instruments (D)	18,482	(1,730)	16,752	(1,393)	15,359
Loans at amortized cost (E)	-	-	-	-	-
Total Stage 2 (F=D+E)	18,482	(1,730)	16,752	(1,393)	15,359
Stage 3					
Debt instruments at amortized cost	-	-	-	-	-
Debt instruments at FV OCI	28,809	(14,169)	14,639	(1,470)	13,169
Debt instruments (G)	28,809	(14,169)	14,639	(1,470)	13,169
Loans at amortized cost (H)	-	-	-	-	-
Total Stage 3 (I=G+H)	28,809	(14,169)	14,639	(1,470)	13,169
Total Debt instruments at amortized cost	263,211	(381)	262,830	-	262,830
Total Debt instruments at FV OCI	35,753,976	(24,471)	35,729,505	(3,271,938)	32,457,567
Total debt instruments (J=A+D+G)	36,017,187	(24,852)	35,992,335	(3,271,938)	32,720,397
Total loans at amortized cost (K=B+E+H)	258,382	(165)	258,217	-	258,217
Total financial investments subject to impairment (L=J+K)	36,275,569	(25,017)	36,250,552	(3,271,938)	32,978,614

7.8.2 Change in impairment of financial investments

7.8.2.1 Change in impairment of financial investments measured at fair value through OCI

The following tables provide a reconciliation from the opening balances to the closing balances for the carrying amount of debt instruments measured at fair value through OCI ("FV OCI") and for the cumulated amount of Expected Credit Losses ("ECL") allowance on those debt instruments, broken down by IFRS 9 impairment stage:

	December 31, 2023							
	Stage 1		Stage 2		Stage 3		Total	
	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance
<i>(US Dollars in thousands)</i>								
Balance at January 1	35,706,686	8,572	18,482	1,730	28,809	14,169	35,753,976	24,471
Transfers to Stage 1	2,031	1	(2,031)	(1)	-	-	-	-
Transfers to Stage 2	(238)	-	238	-	-	-	-	-
Transfers to Stage 3	-	-	(4,005)	(1)	4,005	1	-	-
Acquisitions and originations	6,914,421	1,068	-	-	-	-	6,914,421	1,068
Derecognitions	(5,247,576)	(1,138)	(8,401)	(322)	(931)	(210)	(5,256,908)	(1,671)
Other changes ^(b)	422,939	(399)	(464)	(1,331)	(107)	(1,763)	422,367	(3,493)
Balance as of December 31	37,798,262	8,103	3,819	74	31,775	12,197	37,833,856	20,375

(a) Includes related accumulated amortization, premiums/discount and accrued interests, when applicable.

(b) Mainly includes impacts of changes in scope of consolidation and movements in exchange rates.

	December 31, 2022 restated							
	Stage 1		Stage 2		Stage 3		Total	
	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance
<i>(US Dollars in thousands)</i>								
Balance at January 1	36,864,141	9,020	13,861	295	29,387	13,814	36,907,389	23,128
Transfers to Stage 1	854	-	(854)	-	-	-	-	-
Transfers to Stage 2	(7,649)	234	7,649	(234)	-	-	-	-
Transfers to Stage 3	(435)	147	-	-	435	(147)	-	-
Acquisitions and originations	7,103,160	1,345	-	-	-	-	7,103,160	1,345
Derecognitions	(7,382,017)	(1,728)	(1,653)	(16)	(800)	(107)	(7,384,470)	(1,851)
Other changes ^(b)	(871,368)	(446)	(522)	1,685	(213)	609	(872,103)	1,849
Balance as of December 31	35,706,685	8,572	18,482	1,730	28,809	14,169	35,753,976	24,471

(a) Includes related accumulated amortization, premiums/discount and accrued interests, when applicable.

(b) Mainly includes impacts of changes in scope of consolidation and movements in exchange rates.

7.8.2.2 Change in impairment of financial investments measured at amortized cost

The following tables provide a reconciliation from the opening balances to the closing balances for the carrying amount of debt instruments and loans measured at amortized cost and for the cumulated amount of Expected Credit Losses ("ECL") allowance on those debt instruments and loans, broken down by IFRS 9 impairment stage:

	December 31, 2023							
	Stage 1		Stage 2		Stage 3		Total	
	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance
<i>(US Dollars in thousands)</i>								
Balances at January 1								
Debt securities	263,211	381	-	-	-	-	263,211	381
Loans	258,382	165	-	-	-	-	258,382	165
TOTAL (A)	521,593	546	-	-	-	-	521,593	546
Transfers to Stage 1								
Debt securities	-	-	-	-	-	-	-	-
Loans	-	-	-	-	-	-	-	-
TOTAL (B)	-	-	-	-	-	-	-	-
Transfers to Stage 2								
Debt securities	-	-	-	-	-	-	-	-
Loans	-	-	-	-	-	-	-	-
TOTAL (C)	-	-	-	-	-	-	-	-
Transfers to Stage 3								
Debt securities	-	-	-	-	-	-	-	-
Loans	-	-	-	-	-	-	-	-
TOTAL (D)	-	-	-	-	-	-	-	-
Acquisitions and originations								
Debt securities	591	-	-	-	-	-	591	-
Loans	4,375	5	-	-	-	-	4,375	5
TOTAL (E)	4,965	5	-	-	-	-	4,965	5
Derecognitions								
Debt securities	-	-	-	-	-	-	-	-
Loans	(10,782)	(10)	-	-	-	-	(10,782)	(10)
TOTAL (F)	(10,782)	(10)	-	-	-	-	(10,782)	(10)
Other changes^(b)								
Debt securities	5,785	(41)	-	-	-	-	5,785	(41)
Loans	2,578	62	-	-	-	-	2,578	62
TOTAL (G)	8,363	21	-	-	-	-	8,363	21
Balances as of December 31								
Debt securities	269,587	340	-	-	-	-	269,587	340
Loans	254,553	222	-	-	-	-	254,553	222
Total financial investments at amortized cost (H=A+B+C+D+E+F+G)	524,140	562	-	-	-	-	524,140	562

(a) Includes related accumulated amortization, premiums/discount and accrued interests, when applicable.

(b) Mainly includes impacts of changes in scope of consolidation and movements in exchange rates.

	December 31, 2022 restated							
	Stage 1		Stage 2		Stage 3		Total	
	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance	Gross Carrying Amount ^(a)	ECL allowance
<i>(US Dollars in thousands)</i>								
Balances at January 1								
Debt securities	235,554	320	-	-	-	-	235,554	320
Loans	214,247	205	-	-	15,449	8,883	229,696	9,088
TOTAL (A)	449,801	525	-	-	15,449	8,883	465,250	9,408
Transfers to Stage 1								
Debt securities	-	-	-	-	-	-	-	-
Loans	-	-	-	-	-	-	-	-
TOTAL (B)	-	-	-	-	-	-	-	-
Transfers to Stage 2								
Debt securities	-	-	-	-	-	-	-	-
Loans	-	-	-	-	-	-	-	-
TOTAL (C)	-	-	-	-	-	-	-	-
Transfers to Stage 3								
Debt securities	-	-	-	-	-	-	-	-
Loans	-	-	-	-	-	-	-	-
TOTAL (D)	-	-	-	-	-	-	-	-
Acquisitions and originations								
Debt securities	57,359	105	-	-	-	-	57,359	105
Loans	63,749	71	-	-	-	-	63,749	71
TOTAL (E)	121,108	176	-	-	-	-	121,108	176
Derecognitions								
Debt securities	(11,218)	(24)	-	-	-	-	(11,218)	(24)
Loans	(16,249)	(19)	-	-	(15,100)	(8,883)	(31,349)	(8,902)
TOTAL (F)	(27,467)	(43)	-	-	(15,100)	(8,883)	(42,567)	(8,926)
Other changes ^(b)								
Debt securities	(18,485)	(19)	-	-	-	-	(18,485)	(19)
Loans	(3,366)	(92)	-	-	(349)	-	(3,715)	(92)
TOTAL (G)	(21,850)	(112)	-	-	(349)	-	(22,199)	(112)
Balances as of December 31								
Debt securities	263,211	381	-	-	-	-	263,211	381
Loans	258,382	165	-	-	-	-	258,382	165
Total financial investments at amortized cost (H=A+B+C+D+E+F+G)	521,593	546	-	-	-	-	521,593	546

(a) Includes related accumulated amortization, premiums/discount and accrued interests, when applicable.

(b) Mainly includes impacts of changes in scope of consolidation and movements in exchange rates.

7.9 FAIR VALUE OF INVESTMENTS

7.9.1 Fair value of financial investments measured at fair value

The table below presents the breakdown of the fair value of financial investments measured at fair value through either profit or loss ("FV P&L") or OCI ("FV OCI") by fair value hierarchy level as set in IFRS 13 - Fair Value Measurement (refer to Note 2.5). The carrying value of those financial investments is equal to their fair value:

	December 31, 2023				December 31, 2022 restated			
	Financial assets quoted in an active market	Financial assets not quoted in an active market or no active market	Total		Financial assets quoted in an active market	Financial assets not quoted in an active market or no active market	Total	
	Level 1 ^(a)	Level 2 ^(b)	Level 3 ^(c)		Level 1 ^(a)	Level 2 ^(b)	Level 3 ^(c)	
<i>(US Dollars in thousands)</i>								
Debt instruments	-	35,689,011	-	35,689,011	-	32,457,567	-	32,457,567
Equity instruments	28,710	-	227,422	256,131	105,454	12,487	233,980	351,921
Financial assets at FV OCI	28,710	35,689,011	227,422	35,945,142	105,454	32,470,054	233,980	32,809,488
Debt instruments	-	1,877,779	-	1,877,779	-	1,898,418	-	1,898,418
Non consolidated investment funds	-	1,357,045	2,009,413	3,366,458	-	1,506,938	1,726,191	3,233,129
Other assets held by consolidated investment funds	-	-	612,292	612,292	-	-	634,159	634,159
Loans	-	-	2,008	2,008	-	-	-	-
Financial assets at FV P&L (excluding FV option)	-	3,234,824	2,623,713	5,858,536	-	3,405,356	2,360,350	5,765,706
TOTAL	28,710	38,923,834	2,851,134	41,803,678	105,454	35,875,410	2,594,330	38,575,194

(a) Level 1: fair value determined directly by reference to an active market.

(b) Level 2: fair value mainly based on observable market data.

(c) Level 3: fair value mainly not based on observable market data.

The Company applies the IFRS 13 fair value hierarchy as described in Note 2.5 to categorize financial assets it holds, based on the characteristics of the market in which financial assets are traded and on the nature of inputs used to determine their fair value.

LEVEL 1 FAIR VALUES

Financial assets are categorized in level 1 of the IFRS 13 fair value hierarchy when their fair value is determined directly by reference to an active market (see Note 2.5.1).

As of December 31, 2023, the net transfer between level 1 and level 2 was nil.

LEVEL 2 AND LEVEL 3 FAIR VALUES

The common characteristic of assets categorized in levels 2 and 3 of the IFRS 13 fair value hierarchy is that they are not quoted in an active market (see Note 2.5.2). Their fair value may be either provided by external parties or measured using valuation techniques. The classification of those assets between levels 2 and 3 depends on the proportion of inputs used to determine their fair value: if those inputs are mainly supported by market transactions and other observable market data, the assets are classified in level 2, otherwise, they are classified in level 3.

Financial assets categorized in levels 2 and 3 represent a variety of circumstances. A financial instrument is regarded as not quoted in an active market if there is little observation of transaction prices as an inherent characteristic of the instrument, when there is a significant decline in the volume and level of trading activity, in case of significant illiquidity or if observable prices cannot be considered as representing fair value because of dislocated market conditions. Characteristics of inactive markets can therefore be very different in nature, inherent to the instrument or be indicative of a change in the conditions prevailing in certain markets.

The identification of level 3 assets among assets not quoted in an active market involves a significant level of judgment. The following are considered as observable inputs: inputs provided by external pricing services, information obtained from specialized data providers, rating agencies, external surveys. The extent to which such data are external to the Company and not assessed by internal valuation teams is one of the main criteria applied in assessing whether data are observable or not. Should those data be significantly adjusted or would they be outdated because of the lack of newly available factors, such inputs would be deemed unobservable. Another area of judgment is the assessment of the significance of an input against the fair value measurement in its entirety. As a result, a different cut between observable and unobservable data and variances in the weighting of the significance of each input against the fair value measurement in its entirety could produce a different categorization.

Assets such as certain unquoted debt instruments, some instruments issued on private markets such as private equity instruments or private loans, have always been considered as not quoted in active markets as an inherent characteristic of these investments and included as assets not quoted in active markets or for which there is no active market in all periods presented. Valuations are based either on external pricing providers or internal models using techniques commonly used by market participants. Valuation

teams make the maximum use of current transaction prices (if any) and observable data, but some of the underlying sectors to which the investments relate may be so particular that significant adjustments are performed or unobservable data are used. Private equity funds of funds are measured on the basis of the latest net asset values of funds provided to the Company.

TRANSFERS IN AND OUT OF THE LEVEL 3 CATEGORY AND OTHER MOVEMENTS

From January 1, 2023, to December 31, 2023, the amount of level 3 assets increased by \$256.8 million to \$2,851.1 million, representing 6.8% of the total assets at fair value compared to \$2,594.3 million representing 6.7% of total assets at fair value in 2022.

Main movements related to level 3 assets to be noted were the following:

- \$417.2 million of new investments mainly in alternative assets;
- \$149.7 million of change in fair value related to investments accounted for at fair value; of which \$134.9 million for investments at fair value through profit or loss and \$14.8 million for investments at fair value through OCI;
- \$60.4 million of net asset transfers in and out of level 3 and foreign exchange fluctuation impact; and
- \$-370.5 million of asset sales, redemptions and settlements mainly of non-consolidated investment funds and other assets held by controlled investment funds accounted as fair value through profit or loss.

A majority of assets classified in level 3 correspond to private investments, in particular private credit and private equity assets.

7.9.2 Fair value of investments measured at amortized cost

The table below presents the breakdown of the fair value of financial investments and investments in real estate property measured at amortized cost by IFRS 13 fair value hierarchy level

	December 31, 2023				December 31, 2022 restated			
	Financial assets quoted in an active market	Financial assets not quoted in an active market or no active market		Total	Financial assets quoted in an active market	Financial assets not quoted in an active market or no active market		Total
	Level 1 ^(a)	Level 2 ^(b)	Level 3 ^(c)		Level 1 ^(a)	Level 2 ^(b)	Level 3 ^(c)	
<i>(US Dollars in thousands)</i>								
Investments in real estate properties	-	-	1,462,465	1,462,465	-	-	1,616,721	1,616,721
Debt instruments	-	10,695	216,640	227,335	-	10,133	210,686	220,818
Loans	-	-	255,115	255,115	-	8,530	250,614	259,144
Total investments at amortized cost	-	10,695	1,934,221	1,944,916	-	18,663	2,078,021	2,096,683

(a) Level 1: fair value determined directly by reference to an active market.

(b) Level 2: fair value mainly based on observable market data.

(c) Level 3: fair value mainly not based on observable market data

The Company applies the IFRS 13 fair value hierarchy as described in Note 2.5, based on the characteristics of the market in which assets are traded and on the nature of inputs used to determine their fair value.

The fair values of debt instruments and loans measured at cost are determined with consideration of market inputs to the extent possible. For level 2 debt instruments and loans, the fair value is mainly derived using valuation techniques based upon observable market interest rate curves. For level 3 instruments, the fair value of debt instruments and loans measured at cost is determined by valuation techniques using limited observable market data.

The fair values of investments in real estate properties generally cannot be determined via reference to quotes of an active market from an exchange market or service provider, and no real estate property is therefore categorized in level 1 of the IFRS 13 fair value hierarchy.

/ Note 8 Investments accounted for using the equity method

As of December 31, 2023, and 2022, the Company had an investment of \$43.1 million (\$43.1 million in 2022), representing a 47.9% strategic ownership interest in Vidrio Financial Limited, incorporated in Bermuda, and is accounted for using the equity method.

As of December 31, 2023, the Company had an investment of \$45.3 million, representing a 49.6% strategic ownership interest in S-RM Intelligence and Risk Consulting Limited, incorporated in London, England and is accounted for using the equity method.

In September 2023, the Company sold its interest in Mahindra Insurance Brokers Limited for \$24.8 million; consequently, the investment was derecognized as of the date of sale.

Non-consolidated investment funds under significant influence are accounted for as assets at fair value with changes in fair value recognized through profit or loss (see Note 2.7.2.1).

Note 9 Receivables

(US Dollars in thousands)	December 31, 2023				December 31, 2022			
	Gross value	Impairment	Carrying value	Fair value	Gross value	Impairment	Carrying value	Fair value
Current tax receivables	80,745	-	80,745	80,745	124,150	-	124,150	124,150
Employee benefits & related	23,938	-	23,938	23,938	19,238	-	19,238	19,238
Other deposits	65,932	-	65,932	65,932	31,512	-	31,512	31,512
Others	229,468	(3,238)	226,231	226,231	223,238	10,669	233,907	233,907
Other Receivables	319,339	(3,238)	316,101	316,101	273,987	10,669	284,657	284,657
TOTAL	400,084	(3,238)	396,846	396,846	398,137	10,669	408,806	408,806

/ Note 10 Shareholder's equity and minority interests

10.1 IMPACT OF TRANSACTIONS WITH SHAREHOLDER

The Consolidated Statement of Changes in Equity is presented as a primary financial statement.

10.1.1 Change in Shareholder's equity Company share in 2023

SHARE CAPITAL AND CAPITAL IN EXCESS OF NOMINAL VALUE

The authorized share capital of XLB is 15,000,000 shares, par value \$0.10 each, and the total issued and outstanding shares as at December 31, 2023, was 12,500,000, representing \$1.3 million of share capital.

During 2023, the following transaction had an impact on the Company's share capital and capital in excess of nominal value:

- a capital decrease of \$1,530.0 million related to a return of capital to the Company's parent entity, XL Group Ltd.

DIVIDENDS PAID

The Company did not pay any common share dividends to XL Group Ltd during 2023.

10.1.2 Change in Shareholder's equity Company share in 2022

SHARE CAPITAL AND CAPITAL IN EXCESS OF NOMINAL VALUE

The authorized share capital of XLB is 15,000,000 shares, par value \$0.10 each, and the total issued and outstanding shares as at December 31, 2022 was 12,500,000, representing \$1.3 million of share capital.

During 2022, the following transaction had an impact on the Company's share capital and capital in excess of nominal value:

- a capital decrease of \$740.0 million related to a return of capital to the Company's parent entity, XL Group Ltd

DIVIDENDS PAID

The Company did not pay any common share dividends to XL Group Ltd during 2022.

10.2 COMPREHENSIVE INCOME FOR THE PERIOD

The Consolidated Statement of Comprehensive Income, presented as a primary financial statement, includes the net income for the period and the other comprehensive income, the latter reflecting the changes relating to other reserves recognized through other comprehensive income ("OCI") in accordance with IFRS 9 and IFRS 17, translation reserves.

10.2.1 Other comprehensive income for 2023

OTHER RESERVES RECOGNIZED THROUGH OCI IN ACCORDANCE WITH IFRS 9 AND IFRS 17

The table below gives detailed information on changes in other reserves recognized through OCI during the year 2023:

(US Dollars in thousands)

	Fair value reserves relating to financial instruments (a)	Fair value reserves relating to cash flow hedge derivatives	Reserves relating to the cost of hedging	Reserves relating to finance income or expenses from insurance and reinsurance contracts	Total
Balance at January 1, 2023 (b)	(2,837,962)	11,507	-	1,713,362	(1,113,093)
Change in OCI without recycling in Profit or Loss	13,422	-	-	-	13,422
Change in OCI with recycling in Profit or Loss	1,142,832	30,499	171	(870,768)	302,735
Others (including effect of changes in scope of consolidation)	-	-	-	-	-
Other comprehensive income	1,156,255	30,499	171	(870,768)	316,157
Balance at December 31, 2023 (b)	(1,681,707)	42,006	171	842,595	(796,935)

(a) Including the fair value hedge of equity instruments.
(b) Reported on Company share basis.

As explained in Note 2.19.2 and in accordance with IFRS 17, XLB applies the option to disaggregate insurance and reinsurance financial income or expenses between the statement of profit or loss and the OCI to limit the volatility in profit or loss considering that many of supporting financial assets are measured at fair value through OCI under IFRS 9.

When equity instruments without recycling in Profit or Loss are sold, their related net unrealized gains and losses previously recognized in OCI without recycling in Profit or Loss are transferred to retained earnings. In 2023, the realized capital gains or losses on these equity instruments amounted to \$22.8 million, net of tax.

10.2.2 Other Comprehensive income for 2022

OTHER RESERVES RECOGNIZED THROUGH OCI IN ACCORDANCE WITH IFRS 9 AND IFRS 17

The table below gives detailed information on change in other reserves recognized through OCI during the year 2022:

(US Dollars in thousands)

	Fair value reserves relating to financial instruments (a)	Fair value reserves relating to cash flow hedge derivatives	Reserves relating to the cost of hedging	Reserves relating to finance income or expenses from insurance and reinsurance contracts	Total
Balance at January 1, restated (b)	986,447	19,926	-	(995,055)	11,318
Change in OCI without recycling in Profit or Loss	(57,741)	-	-	-	(57,741)
Change in OCI with recycling in Profit or Loss	(3,766,668)	(8,420)	-	2,708,417	(1,066,670)
Others (including effect of changes in scope of consolidation)	-	-	-	-	-
Other comprehensive income	(3,824,409)	(8,420)	-	2,708,417	(1,124,411)
Balance at December 31, restated (b)	(2,837,962)	11,507	-	1,713,362	(1,113,093)

(a) Including the fair value hedge of equity instruments.
(b) Reported on Company share basis.

When equity instruments without recycling in Profit or Loss are sold, their related net unrealized gains and losses previously recognized in OCI without recycling in Profit or Loss are transferred to retained earnings. In 2022, the realized capital gains or losses on these equity instruments was \$11.9 million, net of tax.

10.3 CHANGE IN MINORITY INTERESTS

As of December 31, 2023, and December 31, 2022, the Company's minority interest balance consists of external investments in the Company's subsidiaries operating in the Property & Casualty insurance and reinsurance sector.

10.3.1 Change in minority interests for 2023

The \$0.9 million decrease in minority interests to \$-0.4 million was largely driven by distributions made to alternative capital investors.

10.3.2 Change in minority interests for 2022

The \$3.9 million decrease in minority interests to \$+0.4 million was largely driven by distributions made to alternative capital investors.

/ Note 11 Insurance and Reinsurance Contracts

11.1 INSURANCE AND REINSURANCE CONTRACTS

This note highlights the effects of contracts within the scope of IFRS 17 on the consolidated statement of financial position and the consolidated statement of profit or loss. Information relating to other investment contracts within the scope of IFRS 9 Financial Instruments is disclosed in paragraph 11.2.

As described in Note 2.12, IFRS 17 – Insurance Contracts applies to insurance and reinsurance contracts issued, investment contracts with discretionary participation features, and reinsurance contracts held. This Note 2.12 also describes accounting principles applying to these contracts and defines the terms used in the following paragraphs of Note 11 in this way:

- DPF: Discretionary participation features
- LRC: Liability for remaining coverage
- LIC: Liability for incurred claims
- ARC: Asset for remaining coverage
- AIC: Asset for incurred claims
- CSM: Contractual Service Margin
- OCI: Other comprehensive income
- MRA: Modified retrospective approach
- FVA: Fair value approach
- PVFCF: Present value of future cash flows
- RA: Risk adjustment for non-financial risk
- BBA: Building block approach
- VFA: Variable fee approach
- PAA: Premium allocation approach

11.1.1 Reconciliation with the consolidated statement of financial position

The tables below shows reconciliation between the consolidated statement of financial position and the consolidated statement of profit or loss with information disclosed in the next paragraphs.

These reconciliations are excluding the amounts of both insurance and reinsurance receivables and payables, as well as the assets for insurance acquisition cash flows, included in the consolidated statement of financial position on one hand, and the related amounts affecting the consolidated statement of profit or loss on the other hand.

11.1.1.1 Reconciliation with the consolidated statement of financial position

The reconciliation of amounts presented in the consolidated statement of financial position with the “carrying amount of insurance contracts and investment contracts with DPF”, as disclosed in paragraph 11.2, is as follows:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
Amounts reported in the consolidated statement of financial position		
Liabilities arising from insurance contracts and investment contracts with DPF	49,619,691	47,404,409
Assets arising from insurance contracts and investment contracts with DPF	-	-
Net position	49,619,691	47,404,409
Receivables arising from direct insurance and inward reinsurance operations	9,947,448	10,470,161
Payables arising from direct insurance and inward reinsurance operations	(1,533,423)	(1,794,396)
Assets relating to insurance acquisition cash flows	-	-
Carrying amount of insurance contracts and investment contracts with discretionary participation features, as disclosed hereinafter	58,033,716	56,080,173
<i>Of which Life contracts</i>	<i>2,185,033</i>	<i>2,245,964</i>
<i>Of which Property & Casualty contracts</i>	<i>55,848,682</i>	<i>53,834,209</i>

The reconciliation of amounts presented in the consolidated statement of financial position with the “carrying amount of reinsurance contracts held”, as disclosed in paragraph 11.3, is as follows:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
Amounts reported in the consolidated statement of financial position		
Assets arising from reinsurance contracts held	17,957,591	16,282,660
Liabilities arising from reinsurance contracts held	-	-
Net position	17,957,591	16,282,660
Payables arising from outward reinsurance operations	6,836,629	7,243,449
Receivables arising from outward reinsurance operations	(2,959,266)	(2,506,006)
Carrying amount of reinsurance contracts held, as disclosed hereinafter	21,834,953	21,020,103
<i>Of which Life contracts</i>	<i>1,794,893</i>	<i>1,856,426</i>
<i>Of which Property & Casualty contracts</i>	<i>20,040,060</i>	<i>19,163,677</i>

11.1.1.2 Reconciliation with the consolidated statement of profit or loss

The reconciliation of amounts presented in the consolidated statement of profit or loss to both the “Insurance service expenses” and the “Net finance income or expenses from insurance contracts recognized in profit or loss”, as disclosed below in Section 11.1.3, is as follows:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
Insurance service expenses reported in the consolidated statement of profit or loss	(15,401,070)	(18,263,350)
Increase in impairment relating to receivables arising from direct insurance and inward reinsurance operations	-	-
Write back of impairment relating to receivables arising from direct insurance and inward reinsurance operations	-	-
Increase in impairment of assets for insurance acquisition cash flows	-	-
Write back of impairment of assets for insurance acquisition cash flows	-	-
Insurance service expenses, as disclosed hereinafter	(15,401,070)	(18,263,350)
<i>Of which Life contracts</i>	<i>(379,001)</i>	<i>(394,833)</i>
<i>Of which Property & Casualty contracts</i>	<i>(15,022,070)</i>	<i>(17,868,517)</i>

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
Net finance income or expenses from insurance contracts reported in the consolidated statement of profit or loss	(611,249)	(705,869)
Interest income on receivables arising from direct insurance and inward reinsurance operations	-	-
Interest expenses on payables arising from direct insurance and inward reinsurance operations	-	-
Foreign exchange unrealized gains or losses relating to receivables and payables arising from direct insurance and inward reinsurance operations	58,420	23,643
Net finance income or expenses from insurance contracts recognized in profit or loss, as disclosed in notes to the consolidated financial statements	(552,829)	(682,226)
<i>Of which Life contracts</i>	<i>(23,485)</i>	<i>(17,147)</i>
<i>Of which Property & Casualty contracts</i>	<i>(529,344)</i>	<i>(665,078)</i>

The reconciliation of amounts presented in the consolidated statement of profit or loss to both the “Net expenses from reinsurance contracts held” and the “Net finance income or expenses from reinsurance contracts recognized in profit or loss”, as disclosed paragraph 11.1.4, is as follows:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
Net expenses from reinsurance contracts held reported in the consolidated statement of profit or loss	(2,292,681)	(759,495)
Increase in impairment relating to receivables arising from outward reinsurance operations	-	-
Write back of impairment relating to receivables arising from outward reinsurance operations	-	-
Net expenses from reinsurance contracts held, as disclosed hereinafter	(2,292,681)	(759,495)
<i>Of which Life contracts</i>	<i>(10,552)</i>	<i>(47,791)</i>
<i>Of which Property & Casualty contracts</i>	<i>(2,282,128)</i>	<i>(711,703)</i>

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
Net finance income or expenses from reinsurance contracts held reported in the consolidated statement of profit or loss	164,466	270,123
Interest income on receivables arising from outward reinsurance operations	-	-
Interest expense on payables arising from outward reinsurance operations	-	-
Foreign exchange unrealized gains or losses relating to receivables and payables arising from outward reinsurance operations	29,580	(65,655)
Net finance income or expenses from reinsurance contracts, as disclosed hereinafter	194,046	204,469
<i>Of which Life contracts</i>	<i>15,980</i>	<i>12,778</i>
<i>Of which Property & Casualty contracts</i>	<i>178,065</i>	<i>191,691</i>

11.1.2 Carrying amount of insurance contracts and investment contracts with DPF, gross and net of reinsurance contracts held

The carrying amount of insurance contracts and investment contracts with DPF, gross and net of reinsurance contracts held, is allocated by line of business as follows

	December 31, 2023			December 31, 2022		
	Life	Property & Casualty	Total	Life	Property & Casualty	Total
<i>(US Dollars in thousands)</i>						
Assets and liabilities for remaining coverage	2,131,446	9,720,759	11,852,205	2,159,784	9,049,609	11,209,392
Assets and liabilities for incurred claims	53,587	46,127,923	46,181,510	86,180	44,784,600	44,870,780
Carrying amount of insurance contracts and investment contracts with DPF	2,185,033	55,848,682	58,033,716	2,245,964	53,834,209	56,080,173
Assets and liabilities for remaining coverage	1,749,719	2,711,481	4,461,200	1,781,026	2,659,615	4,440,641
Assets and liabilities for incurred claims	45,175	17,328,579	17,373,754	75,400	16,504,062	16,579,462
Carrying amounts of reinsurance contracts held	1,794,893	20,040,060	21,834,953	1,856,426	19,163,677	21,020,103
Carrying amount of insurance contracts and investment contracts with DPF, net of reinsurance contracts held	390,140	35,808,622	36,198,763	389,537	34,670,532	35,060,070

11.2 Movements in balances of insurance contracts and investment contracts with DPF

11.2.1 Changes in the carrying amount of insurance contracts and investment contracts with DPF, split between remaining coverage and incurred claims components

The two following tables provide an analysis of movements in the carrying amount of insurance contracts and investment contracts with DPF, split between the Liability for Remaining Coverage (“LRC”) and the Liability for Incurred Claims (“LIC”).

The analysis of movements highlights how this carrying amount is affected by (i) the amounts recognized in the statement of profit or loss and other comprehensive income (OCI), (ii) the cash flows, (iii) the effect of movements in exchange rates, and (iv) the effect of changes in scope of consolidation and other changes.

The amounts recognized in the statement of profit or loss reconcile to insurance revenue (see paragraph 11.6) as well as to insurance service expenses and net finance income or expenses as disclosed above (see paragraph 11.1.2). In respect of insurance revenue, the tables below show their breakdown between those coming from contracts measured under the Modified Retrospective Approach (“MRA”) and the Fair Value Approach (“FVA”) at transition on one hand, and other contracts on the other hand, the latter combining both new contracts and contracts measured under the full retrospective approach at transition as well contracts not applying the annual cohort requirement at transition (see note 2 Other information related to transition).

The following changes occurred during the current year 2023:

	Analysis of changes occurred in the course of 2023, split between LRC and LIC										
	LRC		Total LRC	LIC				Total LIC	of which		
	Excluding loss component	Loss component		LIC related to non PAA contracts	LIC related to PAA contracts				Total	Life	Property & Casualty
				Estimates of the PVFCF	RA	Total					
<i>(US Dollars in thousands)</i>											
Opening assets	-	-	-	-	-	-	-	-	-	-	-
Opening liabilities	11,195,107	14,286	11,209,392	86,180	43,272,081	1,512,519	44,784,600	44,870,780	56,080,173	2,245,964	53,834,209
Net balance as of January 1 (A)	11,195,107	14,286	11,209,392	86,180	43,272,081	1,512,519	44,784,600	44,870,780	56,080,173	2,245,964	53,834,209
Insurance revenue coming from contracts under the MRA	-	-	-	-	-	-	-	-	-	-	-
Insurance revenue coming from contracts under the FVA	(385,202)	-	(385,202)	-	-	-	-	-	(385,202)	(385,202)	-
Insurance revenue coming from other contracts	(19,361,079)	-	(19,361,079)	-	-	-	-	-	(19,361,079)	-	(19,361,079)
Insurance revenue (B)	(19,746,281)	-	(19,746,281)	-	-	-	-	-	(19,746,281)	(385,202)	(19,361,079)
Incurred claims and other insurance service expenses	-	(2,327)	(2,327)	366,587	12,090,650	102,441	12,193,091	12,559,678	12,557,351	364,260	12,193,091
Amortisation of insurance acquisition cash flows	2,513,782	-	2,513,782	-	-	-	-	-	2,513,782	-	2,513,782
Losses and reversal of losses on onerous contracts	-	9,323	9,323	-	-	-	-	-	9,323	14,741	(5,417)
Adjustments to liabilities for incurred claims	-	-	-	-	543,637	(223,024)	320,614	320,614	320,614	-	320,614
Insurance service expenses (C)	2,513,782	6,996	2,520,778	366,587	12,634,288	(120,583)	12,513,705	12,880,292	15,401,070	379,001	15,022,070
Investment components (D)	-	-	-	-	-	-	-	-	-	-	-
Insurance service result (E=B+C+D)	(17,232,499)	6,996	(17,225,503)	366,587	12,634,288	(120,583)	12,513,705	12,880,292	(4,345,211)	(6,201)	(4,339,009)
Net finance income or expenses recognized in profit or loss	(9,020)	670	(8,350)	-	554,428	6,751	561,179	561,179	552,829	23,485	529,344
Net finance income or expenses recognized in OCI	83,822	-	83,822	-	1,690,136	-	1,690,136	1,690,136	1,773,958	83,822	1,690,136
Net finance income or expenses from insurance contracts (F)	74,802	670	75,472	-	2,244,564	6,752	2,251,315	2,251,315	2,326,787	107,307	2,219,480
Total changes in the statement of profit or loss and in OCI (G = E+F)	(17,157,697)	7,666	(17,150,031)	366,587	14,878,851	(113,831)	14,765,020	15,131,607	(2,018,424)	101,106	(2,119,529)
Premiums received	20,003,487	-	20,003,487	-	-	-	-	-	20,003,487	132,160	19,871,327
Claims and other insurance service expenses paid	-	-	-	(375,833)	(14,200,367)	-	(14,200,367)	(14,576,200)	(14,576,200)	(375,833)	(14,200,367)
Insurance acquisition cash flows paid	(2,547,490)	-	(2,547,490)	-	-	-	-	-	(2,547,490)	459	(2,547,949)
Total cash flows (H)	17,455,997	-	17,455,997	(375,833)	(14,200,367)	-	(14,200,367)	(14,576,200)	2,879,797	(243,214)	3,123,012
Effect of movements in exchange rates (I)	349,934	(13,087)	336,847	(23,346)	776,353	2,316	778,669	755,323	1,092,170	81,179	1,010,991
Change in scope of consolidation, and other changes (J)	-	-	-	-	-	-	-	-	-	-	-
Closing assets	-	-	-	-	-	-	-	-	-	-	-
Closing liabilities	11,843,341	8,864	11,852,205	53,587	44,726,919	1,401,004	46,127,923	46,181,510	58,033,716	2,185,033	55,848,682
Net closing balance (K=A+G+H+I+J)	11,843,341	8,864	11,852,205	53,587	44,726,919	1,401,004	46,127,923	46,181,510	58,033,716	2,185,033	55,848,682
<i>Of which Life</i>	<i>2,131,446</i>	<i>-</i>	<i>2,131,446</i>	<i>53,587</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>53,587</i>	<i>2,185,033</i>		
<i>Of which Property & Casualty</i>	<i>9,711,895</i>	<i>8,864</i>	<i>9,720,759</i>	<i>-</i>	<i>44,726,919</i>	<i>1,401,004</i>	<i>46,127,923</i>	<i>46,127,923</i>	<i>55,848,682</i>		

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022

The following changes occurred during the year 2022 (restated):

Analysis of changes occurred in the course of 2022 restated, split between LRC and LIC											
	LRC		Total LRC	LIC				Total LIC	Total	of which	
	Excluding loss component	Loss component		LIC related to non PAA contracts	LIC related to PAA contracts					Life	Property & Casualty
				Estimates of the PVFCF	RA	Total					
(US Dollars in thousands)											
Opening assets	-	-	-	-	-	-	-	-	-	-	-
Opening liabilities	12,789,330	53,551	12,842,881	104,670	47,933,537	1,642,502	49,576,039	49,680,709	62,523,590	3,224,781	59,298,810
Net opening balance (A)	12,789,330	53,551	12,842,881	104,670	47,933,537	1,642,502	49,576,039	49,680,709	62,523,590	3,224,781	59,298,810
Insurance revenue coming from contracts under the MRA	-	-	-	-	-	-	-	-	-	-	-
Insurance revenue coming from contracts under the FVA	(442,913)	-	(442,913)	-	-	-	-	-	(442,913)	(442,913)	-
Insurance revenue coming from other contracts	(19,803,831)	-	(19,803,831)	-	-	-	-	-	(19,803,831)	-	(19,803,831)
Insurance revenue (B)	(20,246,744)	-	(20,246,744)	-	-	-	-	-	(20,246,744)	(442,913)	(19,803,831)
Incurred claims and other insurance service expenses	-	(443)	(443)	393,225	14,856,169	154,829	15,010,998	15,404,222	15,403,779	392,781	15,010,998
Amortisation of insurance acquisition cash flows	2,450,600	-	2,450,600	-	-	-	-	-	2,450,600	(15)	2,450,615
Losses and reversal of losses on onerous contracts	-	(36,771)	(36,771)	-	-	-	-	-	(36,771)	2,067	(38,838)
Adjustments to liabilities for incurred claims	-	-	-	-	703,450	(257,708)	445,742	445,742	445,742	-	445,742
Insurance service expenses (C)	2,450,600	(37,214)	2,413,386	393,225	15,559,619	(102,879)	15,456,740	15,849,964	18,263,350	394,833	17,868,517
Investment components (D)	-	-	-	-	-	-	-	-	-	-	-
Insurance service result (E=B+C+D)	(17,796,144)	(37,214)	(17,833,358)	393,225	15,559,619	(102,879)	15,456,740	15,849,964	(1,983,394)	(48,080)	(1,935,313)
Net finance income or expenses recognized in profit or loss	19,729	709	20,438	(2,738)	655,731	8,795	664,525	661,787	682,226	17,147	665,078
Net finance income or expenses recognized in OCI	(453,778)	-	(453,778)	-	(4,997,585)	(1)	(4,997,586)	(4,997,586)	(5,451,364)	(453,778)	(4,997,586)
Net finance income or expenses from insurance contracts	(434,049)	709	(433,340)	(2,738)	(4,341,854)	8,794	(4,333,060)	(4,335,798)	(4,769,138)	(436,631)	(4,332,507)
Total changes in the statement of profit or loss and in OCI (G)	(18,230,193)	(36,505)	(18,266,698)	390,487	11,217,765	(94,085)	11,123,679	11,514,166	(6,752,532)	(484,711)	(6,267,821)
Premiums received	19,644,119	-	19,644,119	-	-	-	-	-	19,644,119	168,047	19,476,072
Claims and other insurance service expenses paid	-	-	-	(415,895)	(14,775,449)	-	(14,775,449)	(15,191,345)	(15,191,345)	(415,895)	(14,775,449)
Insurance acquisition cash flows paid	(2,246,323)	-	(2,246,323)	-	-	-	-	-	(2,246,323)	(7,831)	(2,238,492)
Total cash flows (H)	17,397,796	-	17,397,796	(415,895)	(14,775,449)	-	(14,775,449)	(15,191,345)	2,206,452	(255,680)	2,462,131
Effect of movements in exchange rates (I)	(761,826)	(2,761)	(764,587)	6,919	(1,103,772)	(35,897)	(1,139,669)	(1,132,750)	(1,897,337)	(238,426)	(1,658,911)
Change in scope of consolidation, and other changes (J)	-	-	-	-	-	-	-	-	-	-	-
Closing assets	-	-	-	-	-	-	-	-	-	-	-
Closing liabilities	11,195,107	14,286	11,209,392	86,180	43,272,081	1,512,519	44,784,600	44,870,780	56,080,173	2,245,964	53,834,209
Net balance as of December 31 (K=A+G+H+I+J)	11,195,107	14,286	11,209,392	86,180	43,272,081	1,512,519	44,784,600	44,870,780	56,080,173	2,245,964	53,834,209
Of which Life	2,159,784	-	2,159,784	86,180	-	-	-	86,180	2,245,964	-	-
Of which Property & Casualty	9,035,323	14,286	9,049,609	-	43,272,081	1,512,519	44,784,600	44,784,600	53,834,209	-	-

11.2.2 Changes in the carrying amount of insurance contracts and investment contracts with DPF, broken down by measurement component

The two following tables provide an analysis of movements in the carrying amount of insurance contracts and investment contracts with DPF not measured under the Premium Allocation Approach (“PAA”), broken down by measurement component, namely (i) the estimate of the Present Value of Future Cash Flows (“PVFCF”), (ii) the risk adjustment for non-financial risk (“RA”), and (iii) the Contractual Service Margin (“CSM”).

However, the carrying amount of insurance contracts measured under the PAA is also reported to match with the opening and closing balances of financial statements.

In this respect, the total amount of risk adjustment for non-financial risk gross of reinsurance (including contracts measured under the PAA) was \$1,471 million at December 31, 2023, and \$1,579 million at December 31, 2022. The percentile was stable at 65th comprised within the 62.5th-67.5th percentile range considered by the Company as the adequate level of prudence on underlying insurance liabilities.

The following changes occurred during the current year 2023:

	Analysis of changes occurred in the course of 2023, broken down by measurement component (only for non PAA contracts)										
	Contractual Service Margin (CSM)						of which				
	Estimates of the PVFCF	RA	Contracts measured at transition under the MRA	Contracts measured at transition under the FVA	Other contracts	Total CSM	Carrying amount of non PAA contracts	Life	Property & Casualty	Carrying amount of PAA contracts	Total
(US Dollars in thousands)											
Opening assets	-	-	-	-	-	-	-	-	-	-	-
Opening liabilities	2,037,697	66,006	-	142,260	-	142,260	2,245,964	2,245,964	-	53,834,209	56,080,173
Net balance as of January 1 (A)	2,037,697	66,006	-	142,260	-	142,260	2,245,964	2,245,964	-	53,834,209	56,080,173
CSM recognized in profit or loss for services provided	-	-	-	(17,117)	-	(17,117)	(17,117)	(17,117)	-	-	(17,117)
Release of RA	-	(5,544)	-	-	-	-	(5,544)	(5,544)	-	-	(5,544)
Experience adjustments	1,719	-	-	-	-	-	1,719	1,719	-	-	1,719
Changes that relate to current services (B)	1,719	(5,544)	-	(17,117)	-	(17,117)	(20,942)	(20,942)	-	-	(20,942)
Contracts initially recognized in the period	-	-	-	-	-	-	-	-	-	-	-
Changes in estimates that adjust the CSM	(9,899)	5,872	-	4,027	-	4,027	-	-	-	-	-
Changes in estimates that result in losses and reversal of losses on onerous contracts	14,362	379	-	-	-	-	14,741	14,741	-	-	14,741
Changes that relate to future services (C)	4,463	6,252	-	4,027	-	4,027	14,741	14,741	-	-	14,741
Adjustments to liabilities for incurred claims	-	-	-	-	-	-	-	-	-	-	-
Changes that relate to past services (D)	-	-	-	-	-	-	-	-	-	-	-
Insurance service result (E=B+C+D)	6,181	708	-	(13,091)	-	(13,091)	(6,201)	(6,201)	-	-	(6,201)
Net finance income or expenses recognized in profit or loss	22,028	(391)	-	1,849	-	1,849	23,485	23,485	-	-	23,485
Net finance income or expenses recognized in OCI	83,822	-	-	-	-	-	83,822	83,822	-	-	83,822
Net finance income or expenses from insurance contracts (F)	105,850	(391)	-	1,849	-	1,849	107,307	107,307	-	-	107,307
Total changes in the statement of profit or loss and in OCI (G=F+E)	112,031	316	-	(11,242)	-	(11,242)	101,106	101,106	-	(2,119,529)	(2,018,424)
Premiums received	132,160	-	-	-	-	-	132,160	132,160	-	19,871,327	20,003,487
Claims and other insurance service expenses paid	(375,833)	-	-	-	-	-	(375,833)	(375,833)	-	(14,200,367)	(14,576,200)
Insurance acquisition cash flows	459	-	-	-	-	-	459	459	-	(2,547,949)	(2,547,490)
Total cash flows (H)	(243,214)	-	-	-	-	-	(243,214)	(243,214)	-	3,123,012	2,879,797
Effect of movements in exchange rates (I)	72,073	3,236	-	5,869	-	5,869	81,179	81,179	-	1,010,991	1,092,170
Change in scope of consolidation, and other changes (J)	-	-	-	-	-	-	-	-	-	-	-
Closing assets	-	-	-	-	-	-	-	-	-	-	-
Closing liabilities	1,978,587	69,559	-	136,887	-	136,887	2,185,033	2,185,033	-	55,848,682	58,033,716
Net balance as of December 31 (K=A+G+H+I+J)	1,978,587	69,559	-	136,887	-	136,887	2,185,033	2,185,033	-	55,848,682	58,033,716
Of which Life	1,978,587	69,559	-	136,887	-	136,887	2,185,033	-	-	-	2,185,033
Of which Property & Casualty	-	-	-	-	-	-	-	-	-	55,848,682	55,848,682

The following changes occurred during the year 2022 (restated):

Analysis of changes occurred in the course of 2022 restated, broken down by measurement component (only for non PAA contracts)											
(US Dollars in thousands)	Estimates of the PVFCF	RA	Contractual Service Margin (CSM)			Total CSM	Carrying amount of non PAA contracts	of which		Carrying amount of PAA contracts	Total
			Contracts measured at transition under the MRA	Contracts measured at transition under the EVA	Other contracts			Life	Property & Casualty		
Opening assets	-	-	-	-	-	-	-	-	-	-	-
Opening liabilities	2,940,088	121,588	-	163,105	-	163,105	3,224,781	3,224,781	-	59,298,810	62,523,590
Net balance as of January 1 (A)	2,940,088	121,588	-	163,105	-	163,105	3,224,781	3,224,781	-	59,298,810	62,523,590
CSM recognized in profit or loss for services provided	-	-	-	(17,851)	-	(17,851)	(17,851)	(17,851)	-	-	(17,851)
Release of RA	-	(11,506)	-	-	-	-	(11,506)	(11,506)	-	-	(11,506)
Experience adjustments	(20,755)	-	-	-	-	-	(20,755)	(20,755)	-	-	(20,755)
Changes that relate to current services (B)	(20,755)	(11,506)	-	(17,851)	-	(17,851)	(50,112)	(50,112)	-	-	(50,112)
Contracts initially recognized in the period	-	-	-	-	-	-	-	-	-	-	-
Changes in estimates that adjust the CSM	30,003	(34,907)	-	4,870	-	4,870	(35)	(35)	-	-	(35)
Changes in estimates that result in losses and reversal of losses on onerous contracts	2,067	-	-	-	-	-	2,067	2,067	-	-	2,067
Changes that relate to future services (C)	32,069	(34,907)	-	4,870	-	4,870	2,032	2,032	-	-	2,032
Adjustments to liabilities for incurred claims	-	-	-	-	-	-	-	-	-	-	-
Changes that relate to past services (D)	-	-	-	-	-	-	-	-	-	-	-
Insurance service result (E=B+C+D)	11,314	(46,413)	-	(12,981)	-	(12,981)	(48,080)	(48,080)	-	-	(48,080)
Net finance income or expenses recognized in profit or loss	16,680	(553)	-	1,020	-	1,020	17,147	17,147	-	-	17,147
Net finance income or expenses recognized in OCI	(453,778)	-	-	-	-	-	(453,778)	(453,778)	-	-	(453,778)
Net finance income or expenses from insurance contracts	(437,098)	(553)	-	1,020	-	1,020	(436,631)	(436,631)	-	-	(436,631)
Total changes in the statement of profit or loss and in OCI	(425,784)	(46,966)	-	(11,961)	-	(11,961)	(484,711)	(484,711)	-	(6,267,821)	(6,752,532)
Premiums received	168,047	-	-	-	-	-	168,047	168,047	-	19,476,072	19,644,119
Claims and other insurance service expenses paid	(415,895)	-	-	-	-	-	(415,895)	(415,895)	-	(14,775,449)	(15,191,345)
Insurance acquisition cash flows	(7,831)	-	-	-	-	-	(7,831)	(7,831)	-	(2,238,492)	(2,246,323)
Total cash flows (H)	(255,680)	-	-	-	-	-	(255,680)	(255,680)	-	2,462,131	2,206,452
Effect of movements in exchange rates (I)	(220,927)	(8,616)	-	(8,883)	-	(8,883)	(238,426)	(238,426)	-	(1,658,911)	(1,897,337)
Change in scope of consolidation, and other changes (J)	-	-	-	-	-	-	-	-	-	-	-
Closing assets	-	-	-	-	-	-	-	-	-	-	-
Closing liabilities	2,037,697	66,006	-	142,260	-	142,260	2,245,964	2,245,964	-	53,834,209	56,080,173
Net balance as of December 31 (K=A+G+H+I+J)	2,037,697	66,006	-	142,260	-	142,260	2,245,964	2,245,964	-	53,834,209	56,080,173
Of which Life	2,037,697	66,006	-	142,260	-	142,260	2,245,964	-	-	-	2,245,964
Of which Property & Casualty	-	-	-	-	-	-	-	-	-	53,834,209	53,834,209

11.3 Movements in balances of reinsurance contracts held

11.3.1 Changes in the carrying amount of reinsurance contracts held, split between remaining coverage and incurred claims components

The two following tables provide an analysis of movements in the carrying amount of reinsurance contracts held, split between the Asset for Remaining Coverage (“ARC”) and the Asset for Incurred Component (“AIC”).

The analysis of movements highlights how this carrying amount is affected by (i) the amounts recognised in the statement of profit or loss and OCI, (ii) the cash flows, (iii) the effect of movements in exchange rates, and (iv) the effect of changes in scope of consolidation and other changes.

The amounts recognised in the statement of profit or loss reconcile to net expenses from reinsurance contracts held and net finance income or expenses as disclosed above (see paragraph 11.1.1.2).

The following changes occurred during the current year 2023:

	Analysis of changes occurred in the course of 2023, split between ARC and AIC										
	ARC		AIC					of which			
	Excluding loss recovery component	Loss recovery component	Total ARC	AIC related to non PAA contracts	AIC related to PAA contracts		Total	Total AIC	Total	Life	Property & Casualty
				Estimates of the PVFCF	RA						
<i>(US Dollars in thousands)</i>											
Opening assets	4,438,703	1,939	4,440,641	75,400	15,938,514	565,547	16,504,062	16,579,462	21,020,103	1,856,426	19,163,677
Opening liabilities	-	-	-	-	-	-	-	-	-	-	-
Net balance as of January 1 (A)	4,438,703	1,939	4,440,641	75,400	15,938,514	565,547	16,504,062	16,579,462	21,020,103	1,856,426	19,163,677
Expenses from reinsurance contracts	(7,587,147)	-	(7,587,147)	-	-	-	-	-	(7,587,147)	(364,097)	(7,223,050)
Changes in estimates that relate to losses and reversal of losses on underlying onerous contracts	-	10,885	10,885	-	-	-	-	-	10,885	8,326	2,559
Amount recovered from the reinsurers*	-	(1,893)	(1,893)	347,111	4,977,155	(33,261)	4,943,894	5,291,005	5,289,112	345,219	4,943,894
Net expenses from reinsurance contracts held (B)	(7,587,147)	8,992	(7,578,154)	347,111	4,977,155	(33,261)	4,943,894	5,291,005	(2,287,150)	(10,552)	(2,276,597)
Investment component (C)	-	-	-	-	-	-	-	-	-	-	-
Net finance income or expenses recognized in profit or loss	14,274	257	14,531	(147)	176,558	3,103	179,661	179,514	194,046	15,980	178,065
Net finance income or expenses recognized in OCI	117,885	-	117,885	-	658,226	-	658,226	658,226	776,110	74,617	701,493
Net finance income or expenses from reinsurance contracts (D)	132,158	257	132,416	(147)	834,784	3,103	837,887	837,740	970,156	90,597	879,558
Effect of changes in non-performance risk of reinsurers (E)	-	-	-	-	(5,531)	-	(5,531)	(5,531)	(5,531)	-	(5,531)
Total changes in the statement of profit or loss and in OCI (F=B+C+D+E)	(7,454,988)	9,250	(7,445,739)	346,964	5,806,407	(30,158)	5,776,250	6,123,214	(1,322,525)	80,045	(1,402,570)
Premiums paid (net of commissions related to premiums)	7,303,361	-	7,303,361	-	-	-	-	-	7,303,361	124,114	7,179,247
Amount received (net of commissions related to claims)	-	-	-	(355,346)	(5,296,958)	-	(5,296,958)	(5,652,304)	(5,652,304)	(355,346)	(5,296,958)
Total cash flows (G)	7,303,361	-	7,303,361	(355,346)	(5,296,958)	-	(5,296,958)	(5,652,304)	1,651,058	(231,232)	1,882,289
Effect of movements in exchange rates (H)	169,637	(6,702)	162,935	(21,844)	345,125	101	345,226	323,382	486,317	89,654	396,664
Change in scope of consolidation, and other changes (I)	-	-	-	-	-	-	-	-	-	-	-
Closing assets	4,456,713	4,487	4,461,200	45,175	16,793,089	535,491	17,328,579	17,373,754	21,834,953	1,794,893	20,040,060
Closing liabilities	-	-	-	-	-	-	-	-	-	-	-
Net balance as of December 31 (J=A+F+G+H+I)	4,456,713	4,487	4,461,200	45,175	16,793,089	535,491	17,328,579	17,373,754	21,834,953	1,794,893	20,040,060
<i>Of which Life</i>	<i>1,749,719</i>	<i>-</i>	<i>1,749,719</i>	<i>45,175</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>45,175</i>	<i>1,794,893</i>		
<i>Of which Property & Casualty</i>	<i>2,706,994</i>	<i>4,487</i>	<i>2,711,481</i>	<i>-</i>	<i>16,793,089</i>	<i>535,491</i>	<i>17,328,579</i>	<i>17,328,579</i>	<i>20,040,060</i>		

*Excl. effect of changes in the risk of non-performance by the reinsurers.

The following changes occurred during the year 2022 (restated):

(US Dollars in thousands)	Analysis of changes occurred in the course of 2022 restated, split between ARC and AIC										
	ARC		Total ARC	AIC related to non PAA contracts	AIC			of which			
	Excluding loss recovery component	Loss recovery component			Estimates of the PVFCF	RA	Total	Total AIC	Total	Life	Property & Casualty
Opening assets	5,662,856	25,356	5,688,212	93,232	16,014,871	577,305	16,592,176	16,685,408	22,373,621	2,707,876	19,665,744
Opening liabilities	-	-	-	-	-	-	-	-	-	-	-
Net balance as of January 1 (A)	5,662,856	25,356	5,688,212	93,232	16,014,871	577,305	16,592,176	16,685,408	22,373,621	2,707,876	19,665,744
Expenses from reinsurance contracts	(7,424,201)	-	(7,424,201)	-	-	-	-	-	(7,424,201)	(421,110)	(7,003,090)
Changes in estimates that relate to losses and reversal of losses on underlying onerous contracts	-	(21,082)	(21,082)	-	-	-	-	-	(21,082)	2,067	(23,148)
Amount recovered from the reinsurers*	-	-	-	371,252	6,288,800	4,085	6,292,885	6,664,137	6,664,137	371,252	6,292,885
Net expenses from reinsurance contracts held (B)	(7,424,201)	(21,082)	(7,445,282)	371,252	6,288,800	4,085	6,292,885	6,664,137	(781,145)	(47,791)	(733,354)
Investment component (C)	-	-	-	-	-	-	-	-	-	-	-
Net finance income or expenses recognized in profit or loss	6,607	283	6,891	(2,740)	196,203	4,115	200,318	197,578	204,469	12,778	191,691
Net finance income or expenses recognized in OCI	(546,440)	-	(546,440)	-	(1,719,823)	-	(1,719,823)	(1,719,823)	(2,266,263)	(358,162)	(1,908,101)
Net finance income or expenses from reinsurance contracts held (D)	(539,833)	283	(539,550)	(2,740)	(1,523,620)	4,115	(1,519,505)	(1,522,245)	(2,061,794)	(345,384)	(1,716,411)
Effect of changes in non-performance risk of reinsurers (E)	-	-	-	-	21,650	-	21,650	21,650	21,650	-	21,650
Total changes in the statement of profit or loss and in OCI (F=B+C+D+E)	(7,964,034)	(20,798)	(7,984,832)	368,512	4,786,830	8,200	4,795,031	5,163,543	(2,821,289)	(393,175)	(2,428,114)
Premiums paid (net of commissions related to premiums)	7,071,608	-	7,071,608	-	-	-	-	-	7,071,608	151,021	6,920,587
Amount received (net of commissions related to claims)	-	-	-	(392,593)	(4,667,928)	-	(4,667,928)	(5,060,521)	(5,060,521)	(392,593)	(4,667,928)
Total cash flows (G)	7,071,608	-	7,071,608	(392,593)	(4,667,928)	-	(4,667,928)	(5,060,521)	2,011,088	(241,571)	2,252,659
Effect of movements in exchange rates (H)	(331,728)	(2,619)	(334,347)	6,248	(195,259)	(19,958)	(215,217)	(208,969)	(543,316)	(216,704)	(326,613)
Change in scope of consolidation, and other changes (I)	-	-	-	-	-	-	-	-	-	-	-
Closing assets	4,438,703	1,939	4,440,641	75,400	15,938,514	565,547	16,504,062	16,579,462	21,020,103	1,856,426	19,163,677
Closing liabilities	-	-	-	-	-	-	-	-	-	-	-
Net balance as of December 31 (J=A+F+G+H+I)	4,438,703	1,939	4,440,641	75,400	15,938,514	565,547	16,504,062	16,579,462	21,020,103	1,856,426	19,163,677
Of which Life	1,781,026	-	1,781,026	75,400	-	-	-	75,400	1,856,426		
Of which Property & Casualty	2,657,677	1,939	2,659,615	-	15,938,514	565,547	16,504,062	16,504,062	19,163,677		

*Excl. effect of changes in the risk of non-performance by the reinsurers.

11.3.2 Changes in the carrying amount of reinsurance contracts held, broken down by measurement component

The two following tables provide an analysis of movements in the carrying amount of reinsurance contracts broken down by measurement component, namely (i) the estimate of the PVFCF, (ii) the RA and (iii) the CSM.

As such, this second reconciliation is presented only for reinsurance contracts not measured under the PAA. However, the carrying amount of reinsurance contracts measured under the PAA is also reported to reconcile with the opening and closing balances of financial statements.

The following changes occurred during the current year 2023:

	Analysis of changes occurred in the course of 2023, broken down by measurement component (only for non PAA contracts)										
	Estimates of the PVFCF	RA	Contracts measured at transition under the MRA	Contracts measured at transition under the FVA	Other contracts	CSM	Carrying amount of non PAA contracts	of which		Carrying amount of PAA contracts	Total
								Life	Property & Casualty		
Opening assets	1,303,146	53,767	-	116,987	-	116,987	1,473,901	1,856,426	(382,525)	19,546,202	21,020,103
Opening liabilities	-	-	-	-	-	-	-	-	-	-	-
Net balance as of January 1 (A)	1,303,146	53,767	-	116,987	-	116,987	1,473,901	1,856,426	(382,525)	19,546,202	21,020,103
CSM recognized for services received	-	-	-	(16,432)	-	(16,432)	(16,432)	(16,432)	-	-	(16,432)
Release of RA	-	(4,982)	-	-	-	-	(4,982)	(4,982)	-	-	(4,982)
Experience adjustments	2,536	-	-	-	-	-	2,536	2,536	-	-	2,536
Changes that relate to current services (B)	2,536	(4,982)	-	(16,432)	-	(16,432)	(18,878)	(18,878)	-	-	(18,878)
Contracts initially recognized in the period	-	-	-	-	-	-	-	-	-	-	-
Changes in estimates that adjust the CSM	(25,967)	5,870	-	20,097	-	20,097	-	-	-	-	-
Changes in estimates that relate to losses and reversal from losses on underlying onerous contracts	8,326	-	-	-	-	-	8,326	8,326	-	-	8,326
Other changes in estimates that relate to future services	(72,342)	-	-	-	-	-	(72,342)	-	(72,342)	-	(72,342)
Changes that relate to future services (C)	(89,983)	5,870	-	20,097	-	20,097	(64,016)	8,326	(72,342)	-	(64,016)
Adjustments to incurred claims	-	-	-	-	-	-	-	-	-	-	-
Changes that relate to past services (D)	-	-	-	-	-	-	-	-	-	-	-
Net expenses from reinsurance contracts (E=B+C+D)	(87,447)	888	-	3,665	-	3,665	(82,894)	(10,552)	(72,342)	-	(82,894)
Net finance income or expenses recognized in profit or loss	13,458	(403)	-	1,413	-	1,413	14,469	15,980	(1,511)	-	14,469
Net finance income or expenses recognized in OCI	117,885	-	-	-	-	-	117,885	74,617	43,267	-	117,885
Net finance income or expenses from reinsurance contracts	131,343	(403)	-	1,413	-	1,413	132,353	90,597	41,756	-	132,353
Effect of changes in the risk of non-performance by the reinsurers (F)	-	-	-	-	-	-	-	-	-	-	-
Total changes in the statement of profit or loss and in OCI (G=H+I+J+K)	43,896	485	-	5,078	-	5,078	49,459	80,045	(30,586)	(1,371,984)	(1,322,525)
Premiums paid (net of commissions related to premiums)	124,114	-	-	-	-	-	124,114	124,114	-	7,179,247	7,303,361
Amount received (net of commissions related to claims)	(355,346)	-	-	-	-	-	(355,346)	(355,346)	-	(5,296,958)	(5,652,304)
Total cash flows (I)	(231,232)	-	-	-	-	-	(231,232)	(231,232)	-	1,882,289	1,651,058
Effect of movements in exchange rates (J)	80,518	3,248	-	5,888	-	5,888	89,654	89,654	-	396,664	486,317
Change in scope of consolidation, and other changes (K)	-	-	-	-	-	-	-	-	-	-	-
Closing assets	1,196,329	57,500	-	127,953	-	127,953	1,381,782	1,794,893	(413,111)	20,453,171	21,834,953
Closing liabilities	-	-	-	-	-	-	-	-	-	-	-
Net balance as of December 31 (L=A+H+I+J+K)	1,196,329	57,500	-	127,953	-	127,953	1,381,782	1,794,893	(413,111)	20,453,171	21,834,953
Of which Life	1,609,440	57,500	-	127,953	-	127,953	1,794,893	-	-	-	1,794,893
Of which Property & Casualty	(413,111)	-	-	-	-	-	(413,111)	-	-	20,453,171	20,040,060

The following changes occurred during the year 2022 (restated):

	Analysis of changes occurred in the course of 2022 restated, broken down by measurement component (only for non PAA contracts)										
	Contractual Service Margin (CSM)						of which				Total
(US Dollars in thousands)	Estimates of the PVFCF	RA	Contracts measured at transition under the MRA	Contracts measured at transition under the FVA	Other contracts	CSM	Carrying amount of non PAA contracts	Life	Property & Casualty	Carrying amount of PAA contracts	
Opening assets	2,324,393	100,263	-	120,239	-	120,239	2,544,896	2,707,876	(162,981)	19,828,725	22,373,621
Opening liabilities	-	-	-	-	-	-	-	-	-	-	-
Net balance as of January 1 (A)	2,324,393	100,263	-	120,239	-	120,239	2,544,896	2,707,876	(162,981)	19,828,725	22,373,621
CSM recognized for services received	-	-	-	(14,361)	-	(14,361)	(14,361)	(14,361)	-	-	(14,361)
Release of RA	-	(10,963)	-	-	-	-	(10,963)	(10,963)	-	-	(10,963)
Experience adjustments	(24,500)	-	-	-	-	-	(24,500)	(24,500)	-	-	(24,500)
Changes that relate to current services (B)	(24,500)	(10,963)	-	(14,361)	-	(14,361)	(49,823)	(49,823)	-	-	(49,823)
Contracts initially recognized in the period	-	-	-	-	-	-	-	-	-	-	-
Changes in estimates that adjust the CSM	6,993	(26,365)	-	19,336	-	19,336	(35)	(35)	-	-	(35)
Changes in estimates that relate to losses and reversal from losses on underlying onerous contracts	2,067	-	-	-	-	-	2,067	2,067	-	-	2,067
Other changes in estimates that relate to future services	(34,402)	-	-	-	-	-	(34,402)	-	(34,402)	-	(34,402)
Changes that relate to future services (C)	(25,342)	(26,365)	-	19,336	-	19,336	(32,370)	2,032	(34,402)	-	(32,370)
Adjustments to incurred claims	-	-	-	-	-	-	-	-	-	-	-
Changes that relate to past services (D)	-	-	-	-	-	-	-	-	-	-	-
Net expenses from reinsurance contracts (E=B+C+D)	(49,841)	(37,327)	-	4,976	-	4,976	(82,193)	(47,791)	(34,402)	-	(82,193)
Net finance income or expenses recognized in profit or loss	11,726	(570)	-	622	-	622	11,778	12,778	(1,000)	-	11,778
Net finance income or expenses recognized in OCI	(546,440)	-	-	-	-	-	(546,440)	(358,162)	(188,279)	-	(546,440)
Net finance income or expenses from reinsurance contracts held (F)	(534,714)	(570)	-	622	-	622	(534,662)	(345,384)	(189,278)	-	(534,662)
Effect of changes in the risk of non-performance by the reinsurers (G)	-	-	-	-	-	-	-	-	-	-	-
Total changes in the statement of profit or loss and in OCI (H=E+F+G)	(584,556)	(37,897)	-	5,598	-	5,598	(616,855)	(393,175)	(223,680)	(2,204,434)	(2,821,289)
Premiums paid (net of commissions related to premiums)	151,021	-	-	-	-	-	151,021	151,021	-	6,920,587	7,071,608
Amount received (net of commissions related to claims)	(392,593)	-	-	-	-	-	(392,593)	(392,593)	-	(4,667,928)	(5,060,521)
Total cash flows (I)	(241,571)	-	-	-	-	-	(241,571)	(241,571)	-	2,252,659	2,011,088
Effect of movements in exchange rates (J)	(195,120)	(8,599)	-	(8,850)	-	(8,850)	(212,568)	(216,704)	4,135	(330,748)	(543,316)
Change in scope of consolidation, and other changes (K)	-	-	-	-	-	-	-	-	-	-	-
Closing assets	1,303,146	53,767	-	116,987	-	116,987	1,473,901	1,856,426	(382,525)	19,546,202	21,020,103
Closing liabilities	-	-	-	-	-	-	-	-	-	-	-
Net balance as of December 31 (L=A+H+I+J+K)	1,303,146	53,767	-	116,987	-	116,987	1,473,901	1,856,426	(382,525)	19,546,202	21,020,103
<i>Of which Life</i>	<i>1,685,672</i>	<i>53,767</i>	<i>-</i>	<i>116,987</i>	<i>-</i>	<i>116,987</i>	<i>1,856,426</i>			<i>-</i>	<i>1,856,426</i>
<i>Of which Property & Casualty</i>	<i>(382,525)</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>(382,525)</i>			<i>19,546,202</i>	<i>19,163,677</i>

11.4 Insurance revenue and CSM

11.4.1 Insurance Revenue

The analysis of insurance revenue arising from PAA and non PAA contracts, is as follows:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022
Amounts relating to changes in LRC		
CSM recognized in profit or loss for services provided	17,117	17,851
Release of RA	5,544	11,506
Release of expected incurred claims and other insurance service expenses	373,893	407,168
Experience adjustments	(11,352)	6,321
Other	-	69
Insurance revenue arising from non PAA contracts	385,202	442,913
Insurance revenue arising from PAA contracts	19,361,079	19,803,831
Total insurance revenue	19,746,281	20,246,744

11.4.2 CSM

As of December 31, 2023, the total amount of CSM net of reinsurance contracts reported in the consolidated statement of financial position was \$9 million (\$25 million as of December 31, 2022), as follows:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022
CSM arising from insurance contracts and investment contracts with DPf (A1)	136,887	142,260
CSM arising from reinsurance contracts held (A2)	-	-
Amount of CSM reported on the liability side of the consolidated statement of financial position (A=A1+A2)	136,887	142,260
CSM arising from insurance contracts and investment contracts with DPf (B1)	-	-
CSM arising from reinsurance contracts held (B2)	127,953	116,987
Amount of CSM reported on the asset side of the consolidated statement of financial position (B=B1+B2)	127,953	116,987
Net total amount of CSM (C= A-B)	8,934	25,273
<i>of which CSM arising from insurance contracts and investment contracts with DPf (C1=A1-B1)</i>	136,887	142,260
<i>of which CSM arising from reinsurance contracts held (C2=A2-B2)</i>	(127,953)	(116,987)

11.5 Discount rates

As explained in the Note 2.12.5.3, the estimates of future cash flows are discounted based on yield curves determined in a “risk-neutral” environment. The yield curves used as of December 31, 2023, and December 31, 2022, for the main currencies are disclosed below.

Spot discount rates used at end of December												
Maturity	EUR		USD		GBP		JPY		CHF		HKD	
	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
1	3.7%	3.5%	5.4%	5.8%	5.2%	4.9%	-0.1%	-0.1%	1.1%	1.5%	4.5%	5.0%
2	3.0%	3.6%	4.7%	5.3%	4.5%	5.0%	0.0%	0.0%	1.1%	1.6%	3.9%	4.7%
3	2.8%	3.5%	4.4%	4.9%	4.2%	4.8%	0.0%	0.0%	1.1%	1.7%	3.7%	4.4%
5	2.7%	3.5%	4.2%	4.6%	3.9%	4.5%	0.2%	0.2%	1.1%	1.9%	3.5%	4.2%
7	2.7%	3.4%	4.1%	4.5%	3.8%	4.3%	0.3%	0.4%	1.1%	2.0%	3.5%	4.1%
10	2.8%	3.4%	4.1%	4.4%	3.8%	4.2%	0.6%	0.5%	1.2%	2.1%	3.5%	4.0%
15	2.8%	3.4%	4.2%	4.4%	3.9%	4.1%	1.1%	1.0%	1.2%	2.2%	3.6%	4.0%
20	2.8%	3.1%	4.1%	4.3%	3.9%	4.0%	1.4%	1.3%	1.3%	2.2%	3.6%	4.0%
25	2.7%	2.9%	4.0%	4.1%	3.9%	3.9%	1.6%	1.5%	1.5%	2.3%	3.6%	3.9%
30	2.7%	2.9%	3.9%	3.9%	3.9%	3.8%	1.7%	1.6%	1.6%	2.3%	3.6%	3.8%

As explained in the Note 2.12.5.3, discount rates are based on swaps for most currencies and government bonds for others, adjusted by adding a liquidity premium net of credit risk adjustment. For the main currencies, these adjustments are disclosed in the table below:

Liquidity Premium, net of credit risk adjustment, used at end of December (in bps)											
EUR		USD		GBP		JPY		CHF		HKD	
2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
25	22	65	55	49	46	-6	-6	0	0	10	8

11.6 P&C Claims Development Table

The following table shows the development for the gross ultimate cost of claims and the cumulative gross claim payments by accident year from 2017 to 2023. All contracts concerned are insurance contracts as defined by IFRS. Until 2022 the claims development is disclosed according to IFRS 4 and from 2023 onwards according to IFRS 17. Consequently, the 2023 diagonal should not be compared with 2022 diagonal.

The first line labelled “Estimate of net undiscounted ultimate claim costs, including claims expenses” includes outstanding reserves on reported losses, estimated reserves for IBNR claims, allocated loss adjustment expenses and net payments. For example, the amount of \$8,842 million appearing in accident year 2021 column represents the undiscounted net ultimate costs for that accident year which is developed in the subsequent years, being \$9,022 million in 2023.

The line labelled “Cumulative net payments to date” shows, for a given Accident Year Y (column), the cumulative amount of payments related to years of occurrence after to and including Y, made since December 31 of year Y-1.

The line labelled “Estimate of net liabilities from year 2017 to 2023” represents the difference between the net undiscounted ultimate cost of claims and the cumulative net payments to date, disclosing the claims reserved by accident year from 2017 to 2023.

The reconciliation with the total Liability for incurred claims (see note 11.1.2) includes components that are not developed such as:

- “Estimate of gross liabilities not developed” corresponding to the estimate of gross liabilities of incurred claims prior to 2017 and of claims incurred before the acquisition date of acquired entities (\$9,851 million);
- Discounting impact (\$-4,361 million).
- Risk adjustment for non-financial risk (\$865 million).

The claims development takes into consideration the changes in scope that occurred throughout the development period.

- For acquisitions, the claims are only developed after the acquisition date, disclosing the non-developed piece, if any, in the line item "Estimate of net liabilities not developed".

The foreign exchange rates applied for all the accident years are the closing rates for the period (December 31, 2023).

The claim development table is net of intercompany transactions.

11.6.1 Net claims development table by accident year

(US Dollars in thousands)	2017	2018	2019	2020	2021	2022	2023	Total
Estimate of net undiscounted ultimate claim costs, including claims expenses								
At end of accident year	8,751,296	7,751,347	8,190,422	11,024,075	8,842,047	8,112,655	6,646,019	
One year later	9,201,208	7,979,542	8,735,845	10,218,635	9,094,174	8,325,992		
Two years later	9,163,579	8,280,656	8,831,709	10,047,299	9,022,361			
Three years later	8,986,348	8,345,746	8,687,168	9,893,582				
Four years later	9,015,431	8,381,937	8,703,186					
Five years later	9,008,177	8,416,421						
Six years later	9,161,250							
Cumulative net payments to date	(8,044,578)	(7,513,578)	(7,140,552)	(6,614,576)	(4,788,612)	(2,612,695)	(740,165)	
Estimate of net liabilities from 2016 to 2023	1,116,671	902,843	1,562,634	3,279,006	4,233,748	5,713,296	5,905,854	22,714,054
Estimate of net liabilities not developed								9,850,845
Effect of discounting								(4,631,068)
RA								865,514
TOTAL LIC NET OF REINSURANCE								28,799,344

11.7 Liquidity risk arising from contracts within the scope of IFRS 17

The following tables provides an analysis of the remaining contractual undiscounted net cash flows, by estimated timing, as of December 31, 2023 and December 31, 2022, for liabilities arising from insurance contracts and investment contracts with DPF. This analysis covers the groups of contracts measured with the BBA but excludes liabilities for remaining coverage measured under the PAA.

(US Dollars in thousands)	December 31, 2023										
	<1 year	1-2 years	2-3 years	3-4 years	4-5 years	5-10 years	10-15 years	15-20 years	>20 years	Discounting Impact	Carrying Amount
Liabilities arising from insurance contracts and investment contracts with DPF	223,658	208,563	193,978	180,058	167,867	699,997	435,351	232,118	206,338	(622,928)	1,925,000

(US Dollars in thousands)	December 31, 2022 restated										
	<1 year	1-2 years	2-3 years	3-4 years	4-5 years	5-10 years	10-15 years	15-20 years	>20 years	Discounting Impact	Carrying Amount
Liabilities arising from insurance contracts and investment contracts with DPF	229,037	212,224	200,201	186,841	172,053	705,753	482,588	258,273	231,571	(727,025)	1,951,517

Note 12 Payables

12.1 BREAKDOWN OF PAYABLES

<i>(US Dollars in thousands)</i>		December 31, 2023	December 31, 2022
Other debt instrument issued and bank overdraft		638,851	214,907
Debts relating to investments under total return swap agreement ("TRS")		638,851	214,907
Payable - current tax position		291,958	293,544
Collateral debts relating to investments under lending agreements or equivalent		768,517	795,099
Other Payables		1,376,484	1,229,236
TOTAL PAYABLES		3,075,809	2,532,786

12.2 EXPOSURE TO INTEREST RATE RISK AND CONTRACTUAL MATURITIES

The table below sets out the contractual maturities of other debt instruments and collateral debts relating to investments under lending agreements or equivalent, which are exposed to interest rate risk. Effective maturities may differ from those presented, mainly because some instruments include clauses allowing early redemption, with or without penalty.

	December 31, 2023				December 31, 2022			
	Carrying value of other debt instrument by contractual maturity			Total carrying value	Carrying value of other debt instrument by contractual maturity			Total carrying value
(US Dollars in thousands)	12 months or less	More than 1 year up to 5 years	More than 5 years		12 months or less	More than 1 year up to 5 years	More than 5 years	
Debts relating to investments under total return swap agreement ("TRS")	638,851	-	-	638,851	214,907	-	-	214,907
Collateral debts relating to investments under a lending agreement or equivalent	643,613	124,904	-	768,517	674,316	120,783	-	795,099

Note 13 Tax

13.1 TAX EXPENSE

13.1.1 Breakdown of tax expense between current and deferred tax

The income tax charge/(benefit) was split as follows:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
Current Income Tax	377,966	380,770
Deferred Income Tax	64,643	(112,364)
TOTAL	442,609	268,405

13.1.2 Tax proof

The reconciliation between the theoretical tax charge (pre-tax profit multiplied by that jurisdiction's applicable statutory tax rate for the period concerned) and the effective tax charge was as follows:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
Income/(loss) from operating activities, gross of tax expenses (excluding discontinued activities and result from investments consolidated using equity method)	2,482,674	1,418,008
Notional tax rate	16.77%	18.34 %
Notional tax charge/(benefit)	416,423	260,056
Impact of change in tax rates	(100,248)	6,622
Impact of differences in tax rate and impact of taxes not linked to pre-tax income	1,300	(1,464)
Impact of differences in tax rates and tax bases	(98,948)	5,158
Impact of permanent differences	22,588	33,364
Adjustments on tax relating to prior years - Current Tax	(88,974)	86,787
Adjustments on tax relating to prior years - Deferred Tax	103,584	(98,531)
Provision for Uncertain Tax Positions	52,068	36,291
Derecognition/(recognition) of DTA on temporary differences	35,867	(54,720)
Impact of adjustments, decrease in value and other items	102,545	(30,173)
EFFECTIVE TAX CHARGE	442,609	268,405
EFFECTIVE TAX RATE (%)	17.83%	18.93 %

Effective tax rate stood at 17.83% in 2023 versus 18.93% in 2022. The decrease in the tax rate was primarily driven by the jurisdictional mix of pre-tax income across taxable and non-taxable jurisdictions, and a significant non-recurring tax benefit in 2023 related to the recognition of opening tax loss carryforward in Bermuda. Items included in the tax rate reconciliation:

- impact of differences in tax rates and tax bases of \$-98.9 million comprised primarily of tax benefit relating to the introduction of a 15% corporate tax rate in Bermuda;
- impact of permanent differences of \$22.6 million comprised primarily of non-deductible corporate interest restriction, worldwide taxation regime adjustment and uncreditable withholding tax;
- provisions for uncertain tax provisions of \$52.1 million primarily related to ongoing tax audits in Spain, Austria, and Germany, and provisions for Permanent Establishment ("PE") exposures in Global Programs, Columbia, Norway, the United States and Puerto Rico;
- derecognition/(recognition) of DTA on temporary differences of \$35.9 million related primarily to the derecognition of DTA in Seaview Re partially offset by utilization of tax losses in XLICSE for which no DTA had been previously recognized.

13.2 DEFERRED TAX

In the table below, the net deferred tax position corresponds to the difference between Deferred Tax Assets (DTA) and Deferred Tax Liabilities (DTL) carried on the Company's consolidated statement of financial position. Note that the breakdown of DTA/DTL disclosed in these tables corresponds to the deferred tax before the netting that occurs for balance sheet presentation purposes as required by IAS 12. Net deferred tax balances are broken down as follows:

(US Dollars in thousands)	December 31, 2023			December 31, 2022 restated		
	Deferred tax assets	Deferred tax liabilities	Net Deferred tax	Deferred tax assets	Deferred tax liabilities	Net Deferred tax
Other intangible assets (including Goodwill)	40,118	101,270	(61,151)	51,102	90,774	(39,672)
Real estate	18,854	3,081	15,772	24,620	14,155	10,465
Financial assets	509,695	280,138	229,557	624,166	317,973	306,193
Technical reserves	839,312	836,296	3,015	795,652	1,093,389	(297,738)
Pensions and other employees benefits	114,543	9,258	105,285	115,695	13,414	102,281
Tax losses carried forward	475,845	-	475,845	329,701	-	329,701
Other	93,707	322,117	(228,411)	172,737	122,209	50,528
Total Deferred Tax by nature	2,092,072	1,552,161	539,911	2,113,673	1,651,914	461,758
<i>of which Deferred tax through Profit and Loss</i>	1,305,987	950,507	355,479	1,137,386	737,038	400,348
<i>of which Deferred tax through OCI with P&L recycling</i>	767,891	592,010	175,881	956,425	903,664	52,760
<i>of which Deferred tax through OCI without P&L recycling</i>	18,194	9,644	8,551	18,745	11,212	7,533
<i>of which Deferred tax through other equity reserves</i>	-	-	-	1,117	-	1,117

As of December 31, 2023, the \$539.9 million net DTA related primarily to entities located in the United States (\$315.2 million), Bermuda (\$192.6 million), France (\$49.1 million), Ireland (\$48.8 million), Italy (\$28.4 million) and other jurisdictions (\$12.0 million), partially offset by DTLs in entities located in Switzerland (\$-61.1 million), the United Kingdom (\$-35.5 million) and Germany (\$-9.5 million).

The balance sheet reconciliation concerning deferred tax position is detailed as follows:

(US Dollars in thousands)	December 31, 2023	December 31, 2022 restated
Deferred tax assets	675,935	560,090
Deferred tax liabilities	136,024	98,332
Net deferred tax position including Uncertain tax positions	539,911	461,758
Deferred tax - Uncertain Tax Positions	-	-
Net deferred tax position excluding Uncertain tax positions	539,911	461,758

The increase in net asset position of \$461.8 million in 2022 to \$539.9 million in 2023 is mainly driven by a combination of the recognition of Bermuda DTAs following recently enacted legislation, an increase in DTA associated with increase losses on OCI technical reserves, partially offset by increased DTLs as a result of the appreciation in investments fair value.

(US Dollars in thousands)	2023 Net deferred tax	2022 restated Net deferred tax
January 1	461,758	276,911
Movements through profit or loss	(64,643)	106,729
Movements through shareholders' equity (a)	131,809	77,360
Forex impact	10,986	758
Change in scope and other variations	-	-
December 31	539,911	461,758

(a) The movements through shareholders' equity mainly concern net investment hedge in the Company, revaluation to fair value of financial investments through shareholders' equity and employee benefits actuarial gains and losses.

13.2.1 Recognized and unrecognized deferred tax assets (DTA) by expiration date

The tables below provide the total recognized and unrecognized deferred tax assets by expiration date (i.e. the latest possible date available for use), along with the corresponding tax loss carryforward.

(US Dollars in thousands)	December 31, 2023									
	DTA maturity date 1 year	DTA maturity date 2 years	DTA maturity date 3 years	DTA maturity date 4 years	DTA maturity date 5 years	DTA maturity date 6 years	DTA maturity date between 7 and 11 years	DTA maturity date > 11 years	No maturity date	Total
Recognized DTA										
Recognized DTA - Tax loss carryforwards	406	-	-	-	-	5	29,731	-	445,702	475,845
Recognized DTA - Other items not related to tax losses	-	-	-	-	-	-	-	-	1,616,228	1,616,228
Total recognized DTA	406	-	-	-	-	5	29,731	-	2,061,930	2,092,072
Corresponding carry forward losses	1,623	-	-	-	-	27	150,920	-	2,130,176	2,282,746
Unrecognized DTA										
Unrecognized DTA - Tax loss carryforwards	3,167	150	815	2,746	4,400	18,331	19,032	560	156,523	205,723
Unrecognized DTA - Other items not related to tax losses	-	-	24	814	344	140	-	1,052	172,635	175,008
Total unrecognized DTA	3,167	150	839	3,559	4,744	18,471	19,032	1,612	329,158	380,732
Corresponding carry forward losses	14,976	599	3,612	13,211	21,004	93,051	79,383	2,114	795,969	1,023,918

As of December 31, 2023, \$2,092 million DTA included \$476 million DTA on tax losses carried forward.

(US Dollars in thousands)	December 31, 2022 restated									
	DTA maturity date 1 year	DTA maturity date 2 years	DTA maturity date 3 years	DTA maturity date 4 years	DTA maturity date 5 years	DTA maturity date 6 years	DTA maturity date between 7 and 11 years	DTA maturity date > 11 years	No maturity date	Total
Recognized DTA										
Recognized DTA - Tax loss carryforwards	-	-	428	308	4,974	-	3,087	-	320,904	329,701
Recognized DTA - Other items not related to tax losses	-	-	-	-	-	-	13,185	958	1,769,829	1,783,972
Total recognized DTA	-	-	428	308	4,974	-	16,272	958	2,090,734	2,113,673
Corresponding carry forward losses	-	-	1,713	1,193	25,197	-	16,038	-	1,466,777	1,510,917
Unrecognized DTA										
Unrecognized DTA - Tax loss carryforwards	78	552	2,891	28,177	11,075	691	28,596	12,556	98,858	183,473
Unrecognized DTA - Other items not related to tax losses	-	-	-	-	-	-	-	-	127,058	127,058
Total unrecognized DTA	78	552	2,891	28,177	11,075	691	28,596	12,556	225,916	310,532
Corresponding carry forward losses	313	2,208	15,483	142,870	56,410	3,846	122,137	59,790	472,705	875,758

13.3 CURRENT TAX

(US Dollars in thousands)	December 31, 2023	December 31, 2022 restated
Receivables - Current tax	80,745	124,150
Payables - Current tax	291,958	293,544
Net current tax position including Uncertain Tax Positions	(211,213)	(169,394)
Current tax - Uncertain Tax Positions	193,031	139,463
Net current tax position excluding Uncertain Tax Positions	(18,183)	(29,931)
Group tax receivables and payables	-	-
Current tax position including Group tax receivables and payables	(18,183)	(29,931)

The roll forward of current tax position (excluding Uncertain Tax Positions) is broken down as follows:

(US Dollars in thousands)	2023	2022 restated
January 1	(29,931)	103,867
Cash payment in the period	346,336	208,011
Movements through profit or loss	(326,478)	(338,326)
Movements through shareholders' equity (a)	(1,862)	(1,131)
Forex impact	(2,187)	(945)
Change in scope and other variations	(4,061)	(1,407)
December 31	(18,183)	(29,931)

(a) The movement through shareholders' equity mainly concerned the tax impacts of disposal of equity instruments at FVOCI without recycling.

13.4 UNCERTAIN TAX POSITIONS

Uncertain tax treatments are determined separately at the entity level. For those positions considered as not probable to be accepted by the tax authorities without adjustment, the assessment of the uncertainty is determined based on the most likely outcome.

For the years ended December 31, 2023, and 2022, the Company had unrecognized tax benefits of \$193.0 million and \$138.9 million, respectively. The 2023 increase primarily relates to additional provisions for the ongoing tax audits in Spain, Austria, and Germany, and provisions for Permanent Establishment ("PE") exposures in Global Programs, Columbia, Norway, the United States and Puerto Rico.

The Company does not currently anticipate any significant change in the unrecognized tax benefits in 2024.

(US Dollars in thousands)		December 31, 2023	December 31, 2022 restated
Uncertain Tax Positions - Current income tax		193,031	139,463
Uncertain Tax Positions - Deferred income tax		-	(579)
Uncertain Tax Positions - Total income tax		193,031	138,883

Note 14 Derivative instruments

All derivative instruments are carried at fair value; in the Company's consolidated statement of financial position, they are presented in the line item Derivative assets when their fair value at the reporting date is positive, and in the line item Derivative liabilities when their fair value is negative.

In the following paragraphs of the present Note, notional amounts of derivative instruments are displayed, by convention, in absolute value, and exclude any potential netting out.

14.1 Derivative instruments: maturities, notional values and fair values

The following table shows notional amounts (including the split of those amounts by maturity) and carrying values of derivative instruments held by the Company, broken down by risk category. It includes all derivative instruments, regardless of whether they relate to a qualifying hedging relationship under IFRS 9 - Financial Instruments

	Notional amounts by maturity on December 31, 2023			Notional amount		Carrying value – Asset		Carrying value - Liability		Net carrying value	
	< 1 year	1 to 5 years	> 5 years	December 31, 2023	December 31, 2022	December 31, 2023	December 31, 2022	December 31, 2023	December 31, 2022	December 31, 2023	December 31, 2022
(US Dollars in thousands)											
Interest rates derivatives	550,725	2,352,128	-	2,902,853	173,940	58,720	906	(7,093)	(4,732)	51,627	(3,826)
Equity derivatives	-	521,640	-	521,640	1,168,989	10,690	48,898	-	(8,941)	10,690	39,957
Currencies derivatives	3,208,780	-	10,000	3,218,780	2,512,977	8,502	4,570	(98,761)	(102,382)	(90,260)	(97,812)
Credit derivatives	165,136	910,503	-	1,075,639	364,854	3,323	2,735	(24,917)	(1,132)	(21,593)	1,603
Other derivatives	1,741,864	-	-	1,741,864	1,766,355	155	1,720	(16,502)	(12,418)	(16,346)	(10,698)
TOTAL	5,666,506	3,784,271	10,000	9,460,776	5,987,115	81,390	58,829	(147,273)	(129,606)	(65,883)	(70,777)

14.2 Derivative instruments by risk category and hedging relationship

As stated in Note 2.8, the Company designates certain derivatives as hedging instruments in qualifying hedging relationships under IFRS 9 which are either (i) hedges of the exposure to variability in cash flows attributable to a recognized asset or liability or a highly probable expected future transaction (cash flow hedges), or (ii) hedges of the exposure to changes in fair value of a recognized asset or liability or of an unrecognized firm commitment (fair value hedges), or (iii) hedges of net investments in a foreign operation (net investment hedges). The accounting for those hedging relationships is explained in Note 2.8.

The following tables display notional amounts and carrying values of derivative instruments held by the Company, broken down by risk category and by IFRS 9 hedging relationship, showing separately (i) derivative instruments qualifying for IFRS 9 hedge accounting, by type of hedging relationship, and (ii) derivative instruments used in macro hedges under IAS 39 and other derivative instruments not qualifying for hedging accounting under IFRS 9 but generally used as economic hedges:

(US Dollars in thousands)	December 31, 2023												
	Derivative instruments used in IFRS 9 qualifying hedging relationship									IAS 39 macro-hedges and derivative instruments not qualifying under IFRS 9 but generally used as economic hedges		Total	
	Fair value hedges			Cash flow hedges			Net investment hedges			Notional amount	Fair value	Notional amount	Fair value
	Notional amount	Carrying value		Notional amount	Carrying value		Notional amount	Carrying value					
		Assets	Liabilities		Assets	Liabilities		Assets	Liabilities				
Interest rates derivatives	-	-	-	692,388	36,652	-	-	-	-	2,210,465	14,975	2,902,853	51,627
Equity derivatives	-	-	-	-	-	-	-	-	-	521,640	10,690	521,640	10,690
Currencies derivatives	-	-	-	5,000	-	(106)	2,939,363	4,590	(98,371)	274,417	3,627	3,218,780	(90,260)
Credit derivatives	-	-	-	-	-	-	-	-	-	1,075,639	(21,593)	1,075,639	(21,593)
Other derivatives	-	-	-	49,709	-	(12,005)	-	-	-	1,692,155	(4,341)	1,741,864	(16,346)
TOTAL	-	-	-	747,097	36,652	(12,111)	2,939,363	4,590	(98,371)	5,774,316	3,357	9,460,776	(65,883)

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022

December 31, 2022

Derivative instruments used in IFRS 9 qualifying hedging relationship

	Fair value hedges			Cash flow hedges			Net investment hedges			IAS 39 macro-hedges and derivative instruments not qualifying under IFRS 9 but generally used as economic hedges		Total	
	Notional amount	Carrying value		Notional amount	Carrying value		Notional amount	Carrying value		Notional amount	Fair value	Notional amount	Fair value
(US Dollars in thousands)		Assets	Liabilities		Assets	Liabilities		Assets	Liabilities				
Interest rates derivatives	152,470	-	(4,732)	-	-	-	-	-	-	21,470	906	173,940	(3,826)
Equity derivatives	-	-	-	-	-	-	-	-	-	1,168,989	39,957	1,168,989	39,957
Currencies derivatives	-	-	-	63,841	-	(9,628)	1,995,605	623	(79,874)	453,531	(8,932)	2,512,977	(97,812)
Credit derivatives	-	-	-	-	-	-	-	-	-	364,854	1,603	364,854	1,603
Other derivatives	-	-	-	48,026	-	(11,095)	-	-	-	1,718,328	397	1,766,355	(10,698)
TOTAL	152,470	-	(4,732)	111,867	-	(20,722)	1,995,605	623	(79,874)	3,727,173	33,930	5,987,115	(70,777)

As of December 31, 2023, the notional amount of all derivative instruments totaled \$9.5 billion (\$6.0 billion at the end of 2022). Their net fair value amounted to \$-65.9 million as of December 31, 2023 (\$-70.8 million at the end of 2022), comprised of the fair value of derivatives on invested assets (\$27.9 million and \$8.5 million at the end of 2022 – cf. Note 14.3).

The Company enters into derivative instruments for both risk management and investment purposes. The Company is exposed to potential loss from various market risks and manages its market risks based on the Authorities Framework (see Note 4.2). The Authorities Framework is intended to align the risk profile of the Company's investment portfolio to be consistent with the Company's risk tolerance, and other guidelines established by the XLB Board of Directors.

The Company, either directly or through third party investment managers, may use derivative instruments within its investment portfolio, including interest rate swaps and options on interest rate swaps, total return swaps, credit derivatives (including single name and index credit default swaps and options on credit default swaps), equity options, forward contracts and futures (including foreign exchange, bond and stock index, interest rate and commodity futures), primarily as a means of reducing investment risk by economically hedging exposures to interest rate, credit spread, equity price changes and foreign currency risk or, in limited instances, for efficient portfolio management. When using exchange traded or cleared over-the-counter derivatives, the Company is exposed to the credit risk of the applicable clearing house and of the Company's futures commission merchant. When using uncleared over-the-counter derivatives, the Company is exposed to credit risk in the event of non-performance by the counterparties to such derivative contracts. To manage this risk, the Company requires appropriate legal documentation with counterparties that has been reviewed and negotiated by legal counsel on behalf of the Company and complies with the Company's documentation standards, investment guidelines and policies.

The notional amount of derivatives which is used to express the volume of instruments outstanding and to provide a basis for comparison with other financial instruments most certainly overstates the level of activity and does not directly measure risk as it greatly exceeds the possible credit and market loss that could arise from such transactions. It does not represent the amounts that are effectively exchanged by the parties, and thus is not a measure of the Company's exposure to derivative instruments. For example, the Company is exposed to credit risk in respect of its counterparties to the derivative instruments, but is not exposed to credit risk on the entire notional amounts. The Company may also use derivatives as an alternative to gain exposure to certain asset classes through “synthetic positions”, for example, holding cash and equity futures instead of physical equities. Another example is the combination of government bonds and credit default swaps as a synthetic position and an alternative to the direct purchase of a corporate bond. These schemes do not add any specific risks compared with other investment assets.

In 2023, the use of derivatives within the Company increased overall by \$3.5 billion in terms of notional amount (cf. also details in Note 14.2.1.):

- the notional amount of interest rates derivatives increased by \$2.7 billion.
- the notional amount of credit derivatives increased by \$0.7 billion.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022

- the notional amount of currency derivatives increased by \$0.7 billion ;

It was partly offset:

- the notional amount of equity derivatives decreased by \$0.6 billion;

In the tables above, the fourth column includes derivatives that do not qualify for hedge accounting under IFRS 9, but whose objective is nevertheless to provide economic hedging of a risk, with the exception notably of certain credit derivatives. They also include “macro-hedging” derivatives as defined by IAS 39.

As of December 31, 2023, the notional amount of derivative instruments qualifying for an IFRS 9 hedging relationship (fair value hedge, cash flow hedge and net investment hedge) of the Company was \$3.7 billion *versus* \$2.3 billion at the end of 2022. The net fair value recorded was \$-69.2 million as of December 31, 2023, *versus* \$-104.7 million at the end of 2022.

14.2.1 Interest rate derivative instruments

The Company utilizes risk management and overlay strategies that incorporate the use of derivative financial instruments, primarily to manage its fixed income portfolio duration and net economic exposure to interest rate risks. The Company may also use interest rate swaps to convert certain liabilities from a fixed rate to a variable rate of interest or use them to convert a variable rate of interest from one basis to another.

As of December 31, 2022, the notional amount of interest rate derivative instruments totaled \$2,902.9 million (\$173.9 million at the end of 2022). Their net fair value as of December 31, 2023 totaled \$51.6 million \$-3.8 million at the end of 2022). The Company mainly uses interest rate swaps.

14.2.2 Equity derivative instruments

Stock index futures may be purchased within the Company's investment portfolio to create synthetic equity exposure and to add value to the portfolio with overlay strategies where market inefficiencies are believed to exist. Stock index futures may be sold to facilitate the timely and efficient reduction of equity exposure. Equity option strategies, including both purchases and sales of options, may be used to add value or reduce exposure with overlay or other strategies. From time to time, the Company may enter into other financial market exposure derivative contracts on various indices and other underlying financial instruments including, but not limited to, equity options, total return swaps, and commodity contracts.

As of December 31, 2023, the notional amount of equity derivative instruments totaled \$521.6 million (\$1,169.0 million at the end of 2022). Their net fair value totaled \$10.7 million as of December 31, 2023 (\$40.0 million at the end of 2022). The Company mainly uses equity option and forward contracts.

14.2.3 Currency derivative instruments

The Company has entered into different currency instruments to reduce its exposure to foreign currency risk. Currency derivative instruments represent agreements to exchange the currency of one country for the currency of another country at an agreed price and settlement date.

As of December 31, 2023, the notional amount of currency derivative amounted to \$3,218.8 million *versus* \$2,513.0 million at the end of 2022. Their market value was \$-90.3 million *versus* \$-97.8 million at the end of 2022. The Company mainly uses forward contracts.

One of the main objectives of currency derivatives instruments is to limit variations in net foreign currency-denominated assets resulting from movements in exchange rates in order to protect partially or in full the value of the Company's net foreign-currency investments in its subsidiaries and thus reduce the variability of the Company's consolidated shareholder's equity against currency fluctuations, but also of other key indicators such as liquidity, gearing and solvency ratios. The majority of these foreign-currency subsidiaries have functional currencies of either the British Pound or the Euro. Notional amount of derivatives used by the Company to hedge the foreign currency exposure increased from \$1,995.6 million at the end of 2022 to \$2,939.4 million at the end of 2023.

Currency derivative instruments are also used to hedge foreign exchange mismatch between assets and liabilities in subsidiaries of the Company. While most of the operating units' commitments are matched by assets denominated in the same currency, some entities may invest in foreign currency denominated assets to diversify their investments.

A description of exchange-rate risk related to the operating activities of Company subsidiaries and the Company is included in Note 4.2 with amounts of exposures to exchange-rate risk and corresponding hedges.

14.2.4 Credit derivative instruments

The Company, as part of its investment and credit risk management activities, uses strategies that involve credit derivatives, which consist mainly of credit default swaps. These instruments are used as an alternative to corporate bonds portfolios, when coupled with government debt instruments, but also as a protection on single names or specific portfolios. Credit derivatives may be purchased within the Company's investment portfolio in the form of single name and basket credit default swaps and swaptions, which are used to mitigate credit exposure through a reduction in credit spread duration (*i.e.* macro credit strategies rather than single-name credit hedging) or exposure to securities of selected issuers. Credit derivatives may also be used to efficiently gain exposure to credit markets, subject to guidelines that prohibit the introduction of effective leverage.

As of December 31, 2023, the notional amount of credit derivatives held by the Company was \$1,075.6 million compared to \$364.9 million at the end of 2022.

14.3 Effect of hedging on financial investments

The tables below set out the impact of derivative instruments on the related assets, broken down by class of investments. These tables include the impact of all derivative instruments, regardless of whether those derivative instruments qualify for an IFRS 9 hedging relationship:

	December 31, 2023		December 31, 2022	
	Carrying value of investments	Effect of derivative instruments	Carrying value of investments	Effect of derivative instruments
<i>(US Dollars in thousands)</i>				
Investment in real estate properties	1,135,717	-	1,135,096	-
Debt instrument	37,836,037	17,153	34,618,815	(31,435)
Equity instruments	256,131	10,690	351,921	39,909
Non-consolidated investment funds	3,366,458	-	3,233,129	-
Other investments held through consolidated investment funds	612,292	-	634,159	-
Loans	256,338	56	258,217	2
Total investments	43,462,973	27,898	40,231,337	8,475

14.4 Fair value of derivative instruments

Principles applied by the Company in order to proceed with the classification of financial instruments into the fair value hierarchy categories under IFRS 13 – Fair Value Measurement are described in Note 2.5. Same principles apply as far as derivatives instruments are concerned.

The following table presents the breakdown of the fair value of derivative instruments by IFRS 13 fair value hierarchy level and by type of assets and liabilities to which those derivative instruments relate. The carrying value of derivative instruments is equal to their fair value:

	December 31, 2023				December 31, 2022			
	Instruments quoted in an active market	Instruments not quoted in an active market - No active market		Total	Instruments quoted in an active market	Instruments not quoted in an active market - No active market		Total
	Level 1 (a)	Level 2 (b)	Level 3 (c)		Level 1 (a)	Level 2 (b)	Level 3 (c)	
<i>(US Dollars in thousands)</i>								
Derivative instruments relating to real estate properties	-	-	-	-	-	-	-	-
Derivative instruments relating to debt instruments	18,807	(1,654)	-	17,153	(530)	(30,905)	-	(31,435)
Derivative instruments relating to equity instruments	-	10,690	-	10,690	9,231	30,677	-	39,909
Derivative instruments relating to loans	56	-	-	56	2	-	-	2
Fair value of derivative instruments relating to assets (A)	18,863	9,036	-	27,898	8,703	(228)	-	8,475
Fair value of derivative instruments relating to liabilities (B)	-	-	-	-	-	-	-	-
Total fair value of derivative instruments (C= A+B)	18,863	9,036	-	27,898	8,703	(228)	-	8,475

(a) Level 1: fair value determined directly by reference to an active market.

(b) Level 2: fair value mainly based on observable market data.

(c) Level 3: fair value mainly not based on observable market data.

The Company mitigates counterparty credit risk of derivative instruments by contractually requiring collateral for most derivative contracts. As of December 31, 2023, the adjustment to the fair value of derivatives for non-performance risk was not material.

14.5 The effects of hedge accounting on financial position and performance

14.5.1 Cash flow hedges and net investment hedges

14.5.1.1 Hedging instruments in cash flow hedges and net investment hedges, by risk category

The tables below disclose, for derivative instruments designated as hedging instruments in cash flow hedges or in net investment hedges and separately for each risk category, (i) the notional amount, (ii) the carrying value (equal to the fair value), presenting separately derivatives that are financial assets and those that are financial liabilities, (iii) the change in fair value of derivatives for the period, showing separately the portion thereof recognized in other comprehensive income ("OCI"), (iv) the hedge ineffectiveness recognized in profit or loss (within the line item "Investment return"), as well as (v) the amount reclassified from the hedge reserve (either the cash flow hedge reserve or the foreign currency translation reserve) into profit or loss:

	December 31, 2023						
	Hedging instruments used in cash flow hedges and net investment hedges						
	Notional Amount	Carrying value		Change in fair value		Hedge ineffectiveness recognized in profit or loss	Amount reclassified from hedge reserve to profit or loss
		Asset	Liability	Total	Of which portion recognized in OCI		
(US Dollars in thousands)							
Interest Rate Risk	692,388	36,652	-	36,652	36,652	-	(6,891)
Equity Risk	-	-	-	-	-	-	-
Currency Risk	2,944,363	4,590	(98,477)	(59,820)	(94,484)	-	652
Credit Risk	-	-	-	-	-	-	-
Other Risk	49,709	-	(12,005)	(911)	1,175	-	2,086

	December 31, 2022						
	Hedging instruments used in cash flow hedges and net investment hedges						
	Notional Amount	Carrying value		Change in fair value		Hedge ineffectiveness recognized in profit or loss	Amount reclassified from hedge reserve to profit or loss
		Asset	Liability	Total	Of which portion recognized in OCI		
(US Dollars in thousands)							
Interest Rate Risk	-	-	-	-	-	-	(6,891)
Equity Risk	-	-	-	-	-	-	-
Currency Risk	2,059,446	623	(89,502)	75,035	59,116	-	3,733
Credit Risk	-	-	-	-	-	-	-
Other Risk	48,026	-	(11,095)	(4,536)	883	-	5,419

14.5.1.2 Hedged items in cash flow hedges and net investment hedges, by risk category

The tables below disclose, for items designated as hedged items in cash flow hedges or net investment hedges, separately for each risk category, (i) the change in value of the hedged item for the period, (ii) the balance of the hedge reserve (either the cash flow hedge reserve or the foreign currency translation reserve) for continuing hedges and (iii) the balances remaining in the hedge reserve from any hedging relationships for which hedge accounting has been discontinued:

	December 31, 2023			December 31, 2022		
	Hedged items in cash flow hedges and net investment hedges			Hedged items in cash flow hedges and net investment hedges		
	Change in fair value of the hedged item	Cash flow hedge reserve and foreign currency translation reserve		Change in fair value of the hedged item	Cash flow hedge reserve and foreign currency translation reserve	
		Ongoing hedges	Discontinued hedges		Ongoing hedges	Discontinued hedges
(US Dollars in thousands)						
Interest Rate Risk	(36,652)	36,652	10,638	-	-	17,529
Currency Risk	59,820	(62,789)	(4,872)	(75,035)	27,410	-
Other Risk	911	(393)	-	4,536	(1,568)	-

14.5.1.3 Movements in balances of the cash flow reserve and foreign currency translation reserve

The tables below disclose a reconciliation from the opening balances to the closing balances of the cash flow hedge reserve and foreign currency translation reserve (incorporated within the other comprehensive income ("OCI")), notably: (i) hedging gains or losses of the reporting period that were recognized in the cash flow hedge reserve or in the foreign currency translation reserve, (ii) amounts reclassified from those hedge reserves to profit or loss because the hedged item has affected profit or loss and (ii) amounts immediately reclassified from those hedge reserves to profit or loss relating to hedges for which hedge accounting had previously been used, but for which the hedged future cash flows are no longer expected to occur.

The reclassifications out from the cash flow hedge reserve to profit and loss flow to the investment return when the hedged item is an investment, with the exception described in the following paragraph.

	December 31, 2023					
	Cash flow hedging reserve			Translation hedging reserve		
(US Dollars in thousands)	Ongoing cash flow hedging	Reclassification where hedge accounting has been stopped	Immediate reclassification when amount is no longer expected to be recovered	Ongoing net investment hedging	Reclassification where hedge accounting has been stopped	Immediate reclassification when amount is no longer expected to be recovered
Balances as of January 1	(6,022)	17,529	-	31,864	-	-
Hedging gains or losses recognized in OCI (effective portion)	34,653	-	-	(94,634)	-	-
Interest rate risk	36,652	-	-	-	-	-
Equity risk	-	-	-	-	-	-
Currency risk	(1,089)	-	-	(94,634)	-	-
Credit risk	-	-	-	-	-	-
Other risk	(911)	-	-	-	-	-
Hedges discontinued during the period	5,799	(5,799)	-	-	-	-
Interest rate risk	-	-	-	-	-	-
Equity risk	-	-	-	-	-	-
Currency risk	5,799	(5,799)	-	-	-	-
Credit risk	-	-	-	-	-	-
Other risk	-	-	-	-	-	-
Net amount reclassified to profit or loss	1,810	(5,963)	-	-	-	-
Interest rate risk	-	(6,891)	-	-	-	-
Equity risk	-	-	-	-	-	-
Currency risk	(276)	928	-	-	-	-
Credit risk	-	-	-	-	-	-
Other risk	2,086	-	-	-	-	-
Balances as of December 31	36,240	5,766	-	(62,770)	-	-

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022

	December 31, 2022					
	Cash flow hedging reserve			Translation hedging reserve		
	Ongoing cash flow hedging	Reclassification where hedge accounting has been stopped	Immediate reclassification when amount is no longer expected to be recovered	Ongoing net investment hedging	Reclassification where hedge accounting has been stopped	Immediate reclassification when amount is no longer expected to be recovered
(US Dollars in thousands)						
Balances as of January 1	(4,494)	24,420	-	(29,755)	-	-
Hedging gains or losses recognized in OCI (effective portion)	(10,772)	-	-	61,620	-	-
Interest rate risk	-	-	-	-	-	-
Equity risk	-	-	-	-	-	-
Currency risk	(6,237)	-	-	61,620	-	-
Credit risk	-	-	-	-	-	-
Other risk	(4,536)	-	-	-	-	-
Hedges discontinued during the period	-	-	-	-	-	-
Interest rate risk	-	-	-	-	-	-
Equity risk	-	-	-	-	-	-
Currency risk	-	-	-	-	-	-
Credit risk	-	-	-	-	-	-
Other risk	-	-	-	-	-	-
Net amount reclassified to profit or loss	9,244	(6,891)	-	-	-	-
Interest rate risk	-	(6,891)	-	-	-	-
Equity risk	-	-	-	-	-	-
Currency risk	3,825	-	-	-	-	-
Credit risk	-	-	-	-	-	-
Other risk	5,419	-	-	-	-	-
Balances as of December 31	(6,022)	17,529	-	31,864	-	-

14.5.2 Fair value hedges

14.5.2.1 Hedging instruments in fair value hedges, by risk category

The tables below disclose, for derivative instruments designated as hedging instruments in fair value hedges and separately for each risk category, (i) the notional amount, (ii) the carrying value (equal to their fair value), showing separately derivatives that are financial assets and those that are financial liabilities, (iii) the change in fair value of derivatives for the period and (iv) the hedge ineffectiveness recognized either in profit or loss (within the line item “Investment return”) or, for hedges of equity instruments designated at fair value through OCI, in other comprehensive income (within the line item “Change in fair value of equity instruments, without recycling in Profit or Loss”):

	December 31, 2023					December 31, 2022				
	Hedging instruments used in fair value hedges					Hedging instruments used in fair value hedges				
	Notional Amount	Carrying value		Change in fair value	Hedge ineffectiveness recognized in profit or loss	Notional Amount	Carrying value		Change in fair value	Hedge ineffectiveness recognized in profit or loss
(US Dollars in thousands)		Asset	Liability				Asset	Liability		
Interest Rate Risk	-	-	-	-	-	152,470	-	(4,732)	(4,732)	117

14.5.2.2 Hedged items in fair value hedges, by risk category

The tables below disclose, for items designated as hedged items in fair value hedges, for each risk category, (i) the carrying amount of the hedged item, (ii) the accumulated amount of fair value hedge adjustments included in the carrying amount of the hedged item, showing separately for continuing hedges and for those that have been discontinued, and (iii) the change in fair value of the hedged item for the period:

	December 31, 2023				December 31, 2022			
	Hedged items in fair value hedges				Hedged items in fair value hedges			
	Carrying amount	Change in fair value	Accumulated amount of fair value hedge adjustments		Carrying amount	Change in fair value	Accumulated amount of fair value hedge adjustments	
			Ongoing hedges	Discontinued hedges			Ongoing hedges	Discontinued hedges
(US Dollars in thousands)								
Interest Rate Risk	-	-	-	(8,294)	159,588	4,732	4,849	-

/ Note 15 Gross Insurance & non-insurance revenues

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022 restated
Property	4,697,486	4,202,188
Casualty	5,373,628	5,352,466
Specialty	3,248,734	3,019,287
Professional	3,612,286	4,115,080
P&C Insurance	16,932,134	16,689,020
Property catastrophe	404,031	603,399
Property Other	602,469	769,459
Other ^(a)	1,422,446	1,741,952
P&C Reinsurance	2,428,945	3,114,810
Total P&C operations	19,361,079	19,803,831
Life operations	385,202	442,913
Non-insurance Revenues ^(b)	96,547	98,115
TOTAL	19,842,828	20,344,859

(a) Other within the Reinsurance segment includes: multi-line, credit surety, casualty professional and other lines.

(b) Mainly represents risk consulting fee income.

Distribution channels

The majority of the Company's business originates via a large number of international, national and regional producers, acting as the brokers and representatives of current and prospective policyholders. This channel is supported by client and country management teams, which include sales and distribution representatives in key markets throughout the world.

Underwriting authority is also contractually delegated to selected third parties which are subject to a financial and operational due diligence review prior to any such delegation of authority, as well as ongoing reviews and audits as deemed necessary with the goal of assuring the continuing integrity of underwriting and related business operations.

Note 16 Net investment result excluding financing debt expenses

The financial result excluding financing debt expenses reflects the return on invested assets generated by all activities less the net finance income or expenses stemming from insurance and reinsurance contracts. The table below highlights how this financial result impacts both the profit or loss and the other comprehensive income (OCI) before tax.

The investment return through profit or loss reported below reconciles with the amount disclosed in the consolidated statement of profit or loss. On the other hand, the reconciliation of net finance income or expenses from insurance and reinsurance contracts disclosed below with the amounts disclosed in the consolidated statement of profit or loss is explained in Note 11.1.2.

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022, restated
Net investment income	1,210,946	1,107,117
Net realized gains and losses relating to investments at cost and at fair value through OCI	(57,290)	5,210
Net realized gains and losses and change in fair value of other investments at fair value through profit or loss	(24,231)	(152,053)
Change in impairment on investments	(5,981)	(9,105)
Investment return through profit or loss (A)	1,123,444	951,169
Time value of money including interest accreted on contractual service margin	(796,727)	(710,093)
Effect of changes in discount rates and other financial assumptions (a)	-	-
Change in fair value of underlying items of insurance contracts with direct participation features	-	-
Foreign exchange gains or losses	243,898	27,867
Other impacts	-	-
Net finance income or expenses from insurance contracts issued, through profit or loss (B)	(552,829)	(682,226)
Time value of money including interest accreted on contractual service margin	291,535	225,412
Effect of changes in discount rates and other financial assumptions	-	-
Foreign exchange gains or losses	(97,489)	(20,944)
Other impacts	-	-
Net finance income or expenses from reinsurance contracts held through profit or loss (C)	194,046	204,469
Total net finance income or expenses from insurance contracts issued and reinsurance contracts held through profit or loss (D=B+C)	(358,783)	(477,757)
Financial result recognized in profit or loss (E=A+D)	764,660	473,412
Realized capital gains or losses on equity instruments measured at fair value through OCI, without recycling in profit or loss	24,634	12,012
Changes in fair value of financial investments through OCI (a)	1,216,770	(4,376,081)
Investment return through OCI (F)	1,241,404	(4,364,069)
Net finance income or expenses from insurance contracts issued through OCI	(1,773,958)	5,451,364
Net finance income or expenses from reinsurance contracts held through OCI	776,110	(2,266,263)
Total net finance income or expenses from insurance contracts issued and reinsurance contracts held through OCI (G)	(997,848)	3,185,101
Financial result recognized in OCI (H=F+G)	243,556	(1,178,968)
Impact of financial result on the statement of comprehensive income (before tax) (I=E+H)	1,008,216	(705,556)

(a) Including both the change in fair value with recycling in profit or loss and the change in fair value without recycling in profit or loss.

Note 17 Expenses by nature

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022
Claims and benefits	(11,727,076)	(14,575,994)
Losses on onerous insurance contracts	(6,996)	37,214
Commission paid	(2,104,582)	(1,868,028)
Staff expenses	(1,466,208)	(1,435,716)
Outsourcing and professional services	(117,291)	(158,684)
IT expenses	(384,532)	(316,821)
Charges related to owner occupied properties	(73,007)	(92,071)
Other expenses	102,710	(55,253)
Breakdown of expenses by nature (1)	(15,776,983)	(18,465,352)
Amount of insurance acquisition cash flows	(459)	7,811
Change in assets for insurance acquisition cash flows and impairment	-	-
Amortisation of insurance acquisition cash flows	34,167	(212,123)
Total impact of insurance acquisition cash flows (2)	33,708	(204,313)
Total (A) = (1) + (2)	(15,743,275)	(18,669,665)
Represented by		
Insurance service expenses	(15,401,070)	(18,263,350)
Expenses from other activities	(48,746)	(42,874)
Other income and expenses	(293,459)	(363,441)
Total (B)	(15,743,275)	(18,669,665)
Net expenses from reinsurance contracts held (C)	(2,292,681)	(759,495)
Total expenses (B) + (C)	(18,035,956)	(19,429,159)

Note 18 Related-party transactions

In 2023, the Company was party to the following transactions with related parties which may be deemed to have been material to the Company or the related party in question or unusual in their nature or conditions.

18.1 ASSUMED REINSURANCE CONTRACTS

In the normal course of business, the Company enters into assumed reinsurance contracts with certain of its insurance investments. During the years ended December 31, 2023, and 2022, these contracts resulted in reported net premiums, reported net losses and reported net acquisition costs with these affiliates, or their subsidiaries, which are included within the Consolidated Statements of Income, as summarized below.

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022
Reported net premiums written	5,204	5,966
Reported net losses incurred	2,144	25,975
Reported net acquisition costs incurred	564	(4,887)

18.2 AXA GROUP

On September 12, 2018, the Company was acquired by, and became a wholly-owned subsidiary of the AXA Group. In the normal course of business, the Company enters into property & casualty assumed and ceded contracts which include various subsidiaries and affiliates of AXA as other parties. During the years ending December 31, 2023, and 2022, these contracts resulted in intergroup net premiums earned, net losses incurred, and net acquisition costs with the AXA entities, which are included in the Consolidated Statements of Income, as summarized below.

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022
P&C net premiums earned	76,662	46,931
P&C net losses incurred	(112,513)	(77,087)
P&C net acquisition costs	(2,318)	(441)

In addition, as of December 31, 2023, and December 31, 2022, under these same contracts, the Company held intergroup net premiums receivable, net unearned premium reserves, and net unpaid losses and loss expense reserves with the AXA entities, which are included in the Consolidated Balance Sheets as summarized below.

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022
P&C net premiums receivable	390,218	247,010
P&C net unearned premium reserves	(473)	155
P&C net loss and unpaid loss expense reserves	420,521	286,934

As of December 31, 2023, within “Debt instruments FV OCI” (see Note 7.1), the Company held investments in publicly quoted bonds of AXA with a carrying value of:

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022
AXA SA Floating Rate Bond 29/01/2024	338,846	322,661
AXA SA 2.875% Fixed Rate Bond 15/06/2024	138,815	133,147
TOTAL	477,660	455,808

As of December 31, 2023, and December 31, 2022, reported within financing debt, the Company has recorded a financial liability for Redeemable Preference Shares issued to AXA amounting to \$1 million. The Company has received a commitment from AXA that it will increase the purchase price of these Redeemable Preference Shares to total \$1 billion in order to assist in the Company’s management and achievement of Enhanced Capital Requirement target levels, if needed (see Note 19.1).

Note 19 Contingent assets and liabilities and unrecognized contractual commitments

19.1 BREAKDOWN OF COMMITMENTS RECEIVED

<i>(US Dollars in thousands)</i>	December 31, 2023	December 31, 2022
Credit facilities received	3,698,322	3,864,238
Pledged securities and collateralized commitments	62,351	33,169
Other commitments	-	-
TOTAL	3,760,674	3,897,407

Note: This table excludes collateral received from reinsurers in the form of funds, trust accounts and/or irrevocable letters of credit representing collateral on reported receivables and other assets (see "Insurance Trusts and other matters" below).

(a) As of December 31, 2023, total commitments used were \$3,745.5 million (\$3,845.0 million as of December 31, 2022).

The Company has several credit facilities provided on both syndicated and bilateral bases from commercial banks as well as facilities entered into with its ultimate parent, as described in more detail below. The Company may utilize the full capacity of these credit facilities to issue letters of credit in support of non-admitted insurance and reinsurance operations in the United States and to meet capital requirements at Lloyd's.

AXA Syndicated Facilities

In October 2018, the Company acceded to an AXA Group unsecured credit facility that provides for the issuance of letters of credit. This facility was renewed in July 2021 and matures in July 2026. In July 2019, the Company, with the support of a guarantee from AXA, its indirect, ultimate parent, entered into an unsecured credit facility that provides for the issuance of letters of credit and revolving credit loans up to \$1,000 million. In connection with the Syndicated Facility, the Company's previous syndicated credit agreements originally entered into in August 2016, as well as certain related security arrangements, were terminated in July 2019. The commitments under the AXA Unsecured Syndicated Facility I are available until, the earlier of (i) July 11, 2024, (unless extended by the parties), and (ii) the date of termination in whole of the commitments upon an optional termination or reduction of the commitments by the account parties or upon the occurrence of certain events of default.

AXA Ancillary Own Funds

In October 2019, the Company entered into an Ancillary Own Funds ("AOF") Facility with AXA, its indirect, ultimate parent, for the issuance of a guarantee for up to \$552.3 million (the "AXA AOF Facility"). The AXA AOF Facility was entered into in connection with the Capital Commitment Deed dated September 30, 2019, provided by the Company to XLICSE (see Note 19.3.2). The commitments under the AXA AOF Facility are available until, the earlier of (i) December 30, 2024, (unless extended by the parties), and (ii) the date of termination in whole of the commitments upon an optional termination or reduction of the commitments by the account parties or upon the occurrence of certain events of default.

AXA Redeemable Preference Shares

Effective December 30, 2020, the Company issued Redeemable Preference Shares to AXA, its indirect ultimate parent. Associated with this issuance, the Company received proceeds of \$1 million (see Note 18.2) and a commitment from AXA to receive an additional \$999 million of purchase price if such funds are needed by the Company in order to meet Target Enhanced Capital Requirement of 120% for the Bermuda Monetary Authority.

Insurance Trusts and other matters

The Company's reinsurance assets result from reinsurance arrangements in the course of its operations. A credit exposure exists with respect to reinsurance assets as they may be uncollectible. The Company manages its credit risk in its reinsurance relationships by transacting with reinsurers that it considers financially sound, and if necessary, the Company may hold collateral in the form of funds, trust accounts and/or irrevocable letters of credit. This collateral can be drawn on for amounts that remain unpaid beyond specified time periods on an individual reinsurer basis. At December 31, 2023, the value of collateral in funds held was \$3,517 million (\$3,476.0 million in 2022), trust accounts was \$9,784.1 million (\$8,281.8 million in 2022), and letters of credit was \$6,945.1 million (\$6,342.0 million in 2022).

19.2 BREAKDOWN OF COMMITMENTS GIVEN

	December 31, 2023					December 31, 2022
	Expiring date				Total	Total
	12 months or less	More than 1 year up to 3 years	More than 3 years up to 5 years	More than 5 years	Total	
<i>(US Dollars in thousands)</i>						
Letters of credit	2,535,628	7,581	650,000	-	3,193,209	3,311,414
Pledged securities and collateralized commitments	61,836	175,870	249,578	401,898	889,182	823,634
Other commitments	270,401	647,807	328,652	348,752	1,595,611	1,154,009
TOTAL	2,867,864	831,258	1,228,230	750,650	5,678,003	5,289,057

The Company has committed to invest in certain real estate, private equity and private credit limited partnerships, limited liability companies or similar structures. At December 31, 2023, the Company had unfunded commitments with these entities totaling \$1,596 million over a weighted average period of 4.6 years. At December 31, 2022, the Company had unfunded commitments with these entities totaling \$1,154 million over a weighted average period of 5.2 years.

In addition to letters of credit, the Company has established insurance trusts in the United States that provide cedants with statutory relief required under state insurance regulation in the United States. It is anticipated that the commercial facilities may be renewed on expiry but such renewals are subject to the availability of credit from banks utilized by the Company and may be renewed with materially different terms and conditions. If such credit support is insufficient, the Company could be required to provide alternative security to cedants. This could take the form of additional insurance trusts supported by the Company's investment portfolio or funds withheld using the Company's cash resources. The value of letters of credit required is driven by, among other things, loss development of existing reserves, the payment pattern of such reserves, the expansion of business written by the Company and the loss experience of such business.

19.3 OTHER AGREEMENTS**19.3.1 Tax matters**

With the exception of Seaview Re Ltd., which has made an election under Section 953(d) of the US Internal Revenue Code to be taxed as a US insurance company, neither the Company nor its non-US subsidiaries have paid US corporate income taxes on the basis that they are not engaged in a trade or business or otherwise subject to taxation in the United States. However, because definitive identification of activities that constitute being engaged in a trade or business in the United States is not provided by the Internal Revenue Code ("IRS Code"), regulations or court decisions, there can be no assurance that the Internal Revenue Service will not contend that the Company or its non-US subsidiaries are engaged in a trade or business or otherwise subject to taxation in the United States. If the Company or its non-US subsidiaries were considered to be engaged in a trade or business in the United States (and, if the Company or such subsidiaries were to qualify for the benefits under the income tax treaty between the United States and Bermuda and other countries in which the Company operates, such businesses would be considered to be attributable to a "permanent establishment" in the United States), the Company or such subsidiaries could be subject to US tax at regular tax rates on their respective taxable income that is effectively connected with their US trade or business plus an additional "branch profits"

tax (at a rate as high as 30%) on such income remaining after the regular tax, in which case there could be a significant adverse effect on the Company's results of operations and financial position.

19.3.2 Capital commitment deed provided to XLICSE

On September 30, 2019, the Company provided a Capital Commitment Deed to XLICSE for a 5-year term (commencing from the effective date of the merger with AXA Corporate Solutions Assurance). XLICSE received approval from the Central Bank of Ireland on December 6, 2019, to be able to recognize this as a Tier 2 Ancillary Own Fund item. To ensure that XL Bermuda has sufficient funds, the Company entered into an AOF Facility with AXA (see Note 19.1) pursuant to which AXA SA provided a €500.0 million (\$552.3 million) letter of credit for the benefit of XLICSE. XLICSE can only draw down up to between the Capital Commitment Deed and the letter of credit.

Note 20 Litigations

The Company and its subsidiaries are subject to litigation and arbitration in the normal course of business. These lawsuits and arbitrations principally involve claims on policies of insurance and contracts of reinsurance and are typical for the Company and for the property and casualty insurance and reinsurance industry in general. Such claims proceedings are considered in connection with the Company's loss and loss expense reserves. Reserves in varying amounts may or may not be established in respect of particular claims proceedings based on many factors, including the legal merits thereof.

US OPIOID AND PFAS LITIGATION

Lawsuits have been filed throughout the United States against various manufacturers, distributors and retailers of opioid medications and against manufacturers which utilized perfluoroalkyl and polyfluoroalkyl substances (PFAS), some of whom are insured by The Company & its subsidiaries and several of whom have entered into multi-billion dollar settlements. The Company's subsidiaries are parties to coverage actions brought by manufacturers (including Purdue Pharma), distributors and retailers against insurers and others are anticipated. Most of these are in the early stages and it is expected that the coverage litigation (including appeals) and possible arbitrations will take several years to reach final resolution.

AVIATION LITIGATION FOLLOWING THE RUSSIAN INVASION OF UKRAINE

Since the Russian invasion of Ukraine, lawsuits have been filed against subsidiaries of The Company in the United Kingdom, Ireland and the United States relating to alleged aircraft losses in Russia. The Company's subsidiaries provide coverage to aircraft lessors for their aircraft, engines and spares under various types of aviation policies (including lessor war and lessor all risk) as well as other insureds under separate policies (for example, aircraft operators under operator war and operator all risk). The lawsuits are at an early stage, and we do not expect substantive rulings until later in 2024.

In addition to litigation relating to insurance and reinsurance claims, the Company and its subsidiaries are subject to lawsuits and regulatory actions in the normal course of business that do not arise from or directly relate to claims on insurance or reinsurance policies. This category of business litigation typically involves, among other things, allegations of underwriting errors or misconduct, employment claims, regulatory activity, or disputes arising from business ventures. The status of these legal actions is actively monitored by management. In addition, the Company and certain of its subsidiaries are also involved in tax assessment negotiations and/or active litigation with tax authorities over contested assessments or other matters in a number of jurisdictions. These actions or assessments arise in a variety of circumstances including matters in connection with restructuring and financing transactions, as well as in the ordinary course of business.

Legal actions are subject to inherent uncertainties, and future events could change management's assessment of the probability or estimated amount of potential losses from pending or threatened legal actions.

With respect to all significant litigation matters, we consider the likelihood of a negative outcome. If we determine the likelihood of a negative outcome is probable, and the amount of the loss can be reasonably estimated, we establish a reserve and record an estimated loss for the expected outcome of the litigation. However, it is often difficult to predict the outcome or estimate a possible loss or range of loss because litigation is subject to inherent uncertainties, particularly when plaintiffs allege substantial or indeterminate damages, the litigation is in its early stages, or when the litigation is highly complex or broad in scope.

Based on available information, it is the opinion of management that the ultimate resolution of pending or threatened legal actions other than claims proceedings, both individually and in the aggregate, will not result in losses having a material adverse effect on the Company's financial position or liquidity at December 31, 2023.

No material provisions have been established for non-claims-related litigation, nor have any such contingent liabilities been identified that require disclosure.

/ Note 21 Subsequent events

CAPITAL DISTRIBUTIONS

On April 11, 2024, a distribution of \$520 million was paid by the Company to its parent, XL Group Ltd.

The Company has determined that for the year ended December 31, 2023, there are no additional subsequent events that occurred that would have a material impact on the information contained in this Financial Statement report.