

Consolidated financial statements

Preliminary version – unaudited accounts - currently being audited
free translation
December, 31 2023

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Basis of preparation

These IFRS consolidated financial statements of the Coface Group as at December 31, 2023 are established in accordance with the International Financial Reporting Standards (IFRS) as published by the IASB and as adopted by the European Union¹. They are detailed in the note “Accounting principles”.

The balance sheet and income statement are presented with comparative financial information as of December 31, 2022 restated for the new IFRS 17 standard.

These IFRS consolidated financial statements for the year ended December 31, 2023 were reviewed by the Coface Group’s Board of Directors on February 27, 2024 and previously reviewed by the Audit Committee on February 26, 2024.

Significant events

Acquisition of North America data analytics boutique Rel8ed

On January 30, 2023, Coface announced the acquisition of North American data analytics boutique Rel8ed. The acquisition brings new, rich data sets and analytics capabilities, which will benefit Coface trade credit insurance as well as the company’s business information customers and teams.

Financial and non-financial rating agency

- **AM Best affirms Coface’s main operating subsidiaries rating at A (Excellent) with a stable outlook**

On May 19, 2023, the rating agency AM Best affirmed the A (Excellent) Insurer Financial Strength – IFS rating of Compagnie française d’assurance pour le commerce extérieur (la Compagnie), Coface North America Insurance Company (CNAIC) and Coface Re. The outlook for these ratings remain “stable”.

- **Moody’s upgrades Coface’s main operating company to A1 IFSR, stable outlook**

The rating agency Moody’s, on September 28, 2023, has upgraded the financial strength rating (Insurance Financial Strength Rating – IFSR) for Coface to A1 from A2. The agency has also changed the outlook for Coface to stable from positive.

- **Fitch affirms Coface AA- rating, with ‘stable’ outlook**

On November 9, 2023, the rating agency Fitch affirmed Coface AA- Insurer Financial Strength (IFS) rating. The outlook remains stable.

Launch of ALYX, a new all-in-one credit management platform

On June 6, 2023, Coface announced the launch of a new digital trade credit risk management platform for its policyholders. Named Alyx, it allows Coface’s customers to automate and centralize their credit risk management from lead to cash.

The platform was built and is proposed in partnership with CreditDevice, a Dutch software company specialized in commercial credit risk management. At first, Alyx will be proposed primarily to mid-market clients in France, Germany, Denmark, and in Norway.

Issuance tier 2 notes

On November 27, 2023, COFACE SA announced the issuance of €300,000,000 tier 2 notes bearing a fixed interest rate of 5.750 per cent., due on 28 November 2033.

¹ The standards adopted by the European Union can be consulted on the website of the European Commission at: https://ec.europa.eu/info/business-economy-euro/company-reporting-and-auditing/company-reporting/financial-reporting_en#ifs-financial-statements

Consolidated balance sheet

Asset

<i>(in thousands euros)</i>	Notes	DEC. 31, 2023	DEC. 31, 2022*	JAN. 1st, 2023*
Intangible assets		239,715	238,835	229,951
Goodwill	1	155,309	155,960	155,529
Other intangible assets	2	84,405	82,876	74,423
Financial assets	3	3,341,112	3,015,136	3,213,422
Real estate investments	3	288	288	288
Investments at amortized cost	3	143,211	102,088	87,507
Investments at FV/OCI	3	2,367,309	2,902,405	3,115,154
Investments at FV P&L	3	827,903	26	15
Derivatives and separate embedded derivatives	3	2,402	10,330	10,458
Receivables from bank and other activities	4	2,903,980	2,906,639	2,690,125
Assets - Ceded insurance contracts	15	384,810	356,217	288,647
Other assets	6	533,107	515,650	484,238
Operating building and other tangible assets	5	85,488	94,613	105,809
Deferred tax assets	17	89,899	90,693	64,078
Net clients		54,319	50,062	59,489
Current tax receivable		73,447	66,612	75,682
Other receivables		229,954	213,670	179,180
Cash and equivalents	7	495,558	553,786	362,441
Total Assets		7,898,282	7,586,265	7,268,824

(*) IFRS 17 restated, without IFRS 9 application. The wording changes in the comparative columns December 31, 2022 and January 1, 2022 are reclassifications without IFRS 9 application.

Liability

<i>(in thousands euros)</i>	Notes	DEC. 31, 2023	DEC. 31, 2022*	JAN. 1st, 2023*
Capital and reserves - group share		2,050,765	2,018,606	2,229,547
Capital and assimilated	8	300,360	300,360	300,360
Share capital premiums		723,501	723,501	810,420
Retained earnings		899,233	835,265	738,244
Other comprehensive income		(112,832)	(80,968)	156,708
Net income - Group share		240,500	240,446	223,817
Capital - minority interests excluding unrealized and deferred gains or losses		2,173	2,266	362
Total equity		2,052,938	2,020,871	2,229,909
Contingency reserve	11	73,942	68,662	85,748
Financial debts	13	831,743	534,280	390,553
Lease liabilities - Leasing	14	67,621	74,622	81,930
Liabilities - Issued insurance contracts	15	1,468,406	1,432,580	1,250,493
Ressources des activités du secteur bancaire	16	2,893,072	2,927,389	2,698,525
Amounts due to banking sector companies	16	762,907	743,230	822,950
Amounts due to customers of banking sector companies	16	474,446	389,300	376,800
Debt securities	16	1,655,719	1,794,858	1,498,775
Other liabilities	18	510,560	527,861	531,666
Deferred tax liability	17	143,886	125,441	153,422
Current tax liability	18	51,917	61,681	80,712
Derivatives and related payables	18	27	222	3,480
Other payables	18	314,730	340,516	294,052
Total Liabilities		7,898,282	7,586,265	7,268,824

(*) IFRS 17 restated, without IFRS 9 application. The wording changes in the comparative columns December 31, 2022 and January 1, 2022 are reclassifications without IFRS 9 application.

Consolidated income statement

<i>(in thousands euros)</i>	Notes	DEC. 31, 2023	DEC. 31, 2022*
Gross written premiums		1,694,189	1,666,489
Premium refunds		(129,073)	(139,102)
Net change in unearned premium provisions		(6,053)	(11,725)
Insurance Revenue	19	1,559,063	1,515,663
Claims expenses	20	(558,644)	(540,425)
Attributable costs	21	(546,999)	(531,463)
Loss component & reversal of loss component		596	2,735
Insurance Service Expenses		(1,105,047)	(1,069,153)
Insurance Service Revenue, before reinsurance		454,016	446,510
Income and expenses from ceded reinsurance	23	(104,240)	(138,640)
Insurance Service Revenue		349,776	307,870
Fee and commission income		171,374	158,574
Net income from banking activities		72,686	70,414
Income from services activities		65,109	54,380
Other revenue	19	309,168	283,367
Non attributable expenses from insurance activity	21	(106,515)	(98,815)
G&A - Investigation expenses - Services	21	(14,018)	(14,331)
G&A – Overheads Services	21	(142,470)	(129,766)
Operating expenses		(263,003)	(242,913)
Risk cost	22	(534)	308
Income after reinsurance, other revenues and cost of risk		395,407	348,633
Investment income, net of management expenses	24	12,427	35,699
Insurance finance income or expenses	24	(52,642)	(8,432)
Insurance finance income or expenses from ceded reinsurance	24	12,683	(9,119)
Net Financial income	24	(27,533)	18,148
Current operating income		367,874	366,782
Other operating income and expenses	25	(4,952)	(9,537)
Operating income		362,922	357,245
Financial costs		(34,269)	(29,605)
Income tax expenses	26	(88,033)	(86,923)
Consolidation net income before non-controlling interests		240,620	240,717
Net income - minority interests		(120)	(273)
Net income for the year		240,500	240,444

(* IFRS 17 restated, without IFRS 9 application. The wording changes in the comparative column December 31, 2022 are reclassifications without IFRS 9 application.

Consolidated statement of comprehensive income

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022 (*)
Net income of the period	240,500	240,444
Non-controlling interests	120	273
Other comprehensive income		
Currency translation differences reclassifiable to income	(14,222)	594
Reclassified to income		
Recognised in equity	(14,222)	594
Fair value adjustments on financial assets through OCI - Recycling	51,583	(264,948)
Recognised in equity – reclassifiable to income – gross	66,820	(310,341)
Recognised in equity – reclassifiable to income – tax effect	(13,498)	54,626
Reclassified to income – gross	(3,618)	(12,861)
Reclassified to income – tax effect	1,879	3,629
Fair value adjustments on financial assets through OCI - Not Recycling	(26,597)	(0)
Recognised in equity – not reclassifiable to income – gross	(24,445)	(0)
Recognised in equity – not reclassifiable to income – tax effect	(2,152)	(0)
Financial result linked to insurance and reinsurance contracts	(3,271)	17,374
Recognised in equity – reclassifiable to income – gross	(4,587)	22,469
Recognised in equity – reclassifiable to income – tax effect	1,316	(5,095)
Fair value adjustments on employee benefit obligations	(2,140)	9,310
Recognised in equity – not reclassifiable to income – gross	(2,794)	13,015
Recognised in equity – not reclassifiable to income – tax effect	655	(3,705)
Other comprehensive income of the period, net of tax	5,354	(237,669)
Total comprehensive income of the period	245,974	3,047
- attributable to owners of the parent	246,074	2,778
- attributable to non-controlling interests	(100)	270

(*) restated from IFRS 17, without application of IFRS 9. The changes to the wording of the comparative column December 31, 2022 constitute reclassifications without application of the provisions of IFRS 9.

Statement of changes in equity

(in thousands of euros)	Share capital	Premiums	Consolidated reserves	Treasury shares	Other comprehensive income			Net income for the period	Equity attributable to owners of the parent	Non-controlling interests	Total equity
					Foreign currency translation reserve	Recyclables revaluation reserves	Not recyclables revaluation reserves				
Equity as at DEC. 31, 2021	300,360	810,420	660,526	(18,719)	(28,602)	212,733	(22,493)	223,817	2,141,041	309	2,141,351
Insurance contracts first application of impact IFRS 17			95,711			(4,931)			90,781	53	90,834
Other impacts			(2,274)						(2,274)		(2,274)
Equity as at JAN. 1, 2022 restated IFRS17	300,360	810,420	753,963	(15,719)	(28,602)	207,803	(22,493)	223,817	2,229,548	362	2,229,911
2021 net income to be appropriated			223,817					(223,817)			(0)
Payment of 2021 dividends in 2022		(86,868)	(137,161)						(224,029)	(14)	(224,043)
Total transactions with owners	(0)	(86,868)	86,656	(0)	(0)	(0)	(0)	(223,817)	(224,029)	(14)	(224,043)
DEC. 31, 2022 net income restated IFRS17								240,448	240,448	273	240,721
Fair value adjustments on available-for-sale financial assets recognized in equity									(255,684)	(32)	(255,715)
Fair value adjustments on available-for-sale financial assets reclassified to income statement									(9,232)		(9,232)
Insurance financial result in equity according to IFRS 17						17,315			17,315	59	17,374
Change in actuarial gains and losses (IAS 19R)							9,310		9,310		9,310
Currency translation differences					615				615	(21)	594
Treasury shares elimination				(3,430)					(3,430)		(3,430)
Free share plans expenses			2,203						2,203		2,203
Hyperinflation impacts			16,172						16,172		16,172
Transactions with shareholders and others		(51)	(4,580)						(4,631)	1,639	(2,992)
Equity as at DEC. 31, 2022 restated IFRS17	300,360	723,501	854,414	(19,149)	(27,987)	(39,798)	(13,183)	240,448	2,018,606	2,266	2,020,872
Financial instruments first application of impact IFRS 9			37,662			(56,379)		18,879	181	(2)	159
IFRS 17 Equity as at JAN. 1, 2023 restated IFRS 17 & IFRS 9	300,360	723,501	892,076	(19,149)	(27,987)	(96,177)	5,696	240,448	2,018,767	2,264	2,021,031
2022 net income to be appropriated			240,448					(240,448)			(0)
Payment of 2022 dividends in 2023			(226,953)						(226,953)	(6)	(226,959)
Total transactions with owners	(0)	(0)	13,495	(0)	(0)	(0)	(0)	(240,448)	(226,953)	(6)	(226,959)
DEC. 31, 2023 net income								240,500	240,500	120	240,620
Fair value adjustments on financial assets recognized in equity									53,349	(26,587)	26,752
Fair value adjustments on financial assets reclassified to income statement									(1,739)		(1,739)
Insurance financial result in equity according to IFRS 17									(3,249)	8	(3,241)
Change in actuarial gains and losses (IAS 19R)									(2,140)		(2,140)
Currency translation differences					(13,988)				(13,988)	(233)	(14,221)
Coface SA cancellation shares											
Treasury shares elimination				(4,465)					(4,465)		(4,465)
Free share plans expenses			2,218						2,218		2,218
Hyperinflation impacts			13,120						13,120		13,120
Transactions with shareholders and others			1,938						1,938	16	1,954
Equity as at DEC. 31, 2023	300,360	723,501	922,847	(23,614)	(41,975)	(47,616)	(23,041)	240,500	2,050,765	2,173	2,052,938

Consolidated statement of cash flows

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022*
Net income for the period	240,500	240,444
Non-controlling interests	120	273
Income tax expense	88,033	86,923
Finance costs	34,269	29,605
Operating income (A)	362,922	357,245
+/- Depreciation, amortization and impairment losses	40,672	40,712
+/- Net additions to / reversals from technical provisions	42,097	208,485
+/- Unrealized foreign exchange income / loss	27,172	2,469
+/- Non-cash items	(32,209)	(11,888)
Total non-cash items (B)	99,410	239,778
Gross cash flows from operations (C) = (A) + (B)	462,332	597,023
Change in operating receivables and payables	(41,691)	(57,931)
Net taxes paid	(98,852)	(95,454)
Net cash related to operating activities (D)	(140,542)	(153,385)
Increase (decrease) in receivables arising from factoring operations	36,082	(224,891)
Increase (decrease) in payables arising from factoring operations	(53,993)	308,595
Increase (decrease) in factoring liabilities	(13,156)	(71,397)
Net cash generated from banking and factoring operations (E)	(31,068)	12,307
Net cash generated from operating activities (F) = (C+D+E)	290,722	455,945
Acquisitions of investments	(318,038)	(1,602,794)
Disposals of investments	11,123	1,510,520
Net cash used in movements in investments (G)	(306,915)	(92,273)
Acquisitions of consolidated subsidiaries, net of cash acquired	4,055	3,592
Disposals of consolidated companies, net of cash transferred	(0)	(0)
Net cash used in changes in scope of consolidation (H)	4,055	3,592
Acquisitions of property, plant and equipment and intangible assets	(25,443)	(32,751)
Disposals of property, plant and equipment and intangible assets	481	1,617
Net cash generated from (used in) acquisitions and disposals of property, plant and equipment and intangible assets (I)	(24,962)	(31,134)
Net cash used in investing activities (J) = (G+H+I)	(327,822)	(119,816)
Proceeds from the issue of equity instruments	(0)	(0)
Treasury share transactions	(4,464)	(3,430)
Dividends paid to owners of the parent	(226,953)	(224,029)
Dividends paid to non-controlling interests	(6)	(15)
Cash flows related to transactions with owners	(231,424)	(227,473)
Proceeds from the issue of debt instruments	296,037	410,095
Cash used in the redemption of debt instruments	3,545	(273,338)
Lease liabilities variations	(18,678)	(16,674)
Interests paid	(32,009)	(32,478)
Cash flows related to the financing of Group operations	248,896	87,605
Net cash generated from (used in) financing activities (K)	17,472	(139,868)
Impact of changes in exchange rates on cash and cash equivalents (L)	(38,601)	(4,917)
NET INCREASE IN CASH AND CASH EQUIVALENTS (F+J+K+L)	(58,228)	191,345
Net cash generated from operating activities (F)	290,722	455,945
Net cash used in investing activities (J)	(327,822)	(119,816)
Net cash generated from (used in) financing activities (K)	17,472	(139,868)
Impact of changes in exchange rates on cash and cash equivalents (L)	(38,601)	(4,917)
Cash and cash equivalents at beginning of period	553,786	362,441
Cash and cash equivalents at end of period	495,558	553,786
NET CHANGE IN CASH AND CASH EQUIVALENTS	(58,228)	191,345

*IFRS17 restated, without application of IFRS9

Scope of consolidation

Change in the scope of consolidation in 2023

First-time consolidation

During the year 2023, four entities that have been exclusively owned for several years were consolidated. These are Coface Hungary Insurance services, Coface Service Colombia Ltda., Coface Services Japan and Coface Adriatics.

Other changes in consolidation scope : exit from consolidation scope, merger, change in interest percentage

Coface Austria Kreditversicherung Service GmbH was absorbed by Coface Central Europe Holding AG.

Special purpose entities (SPE)

SPEs used for the credit insurance business

Coface's credit enhancement operations consist of insuring, via a special purpose entity (SPE), receivables securitised by a third party through investors, for losses in excess of a predefined amount. In this type of operation, Coface has no role whatsoever in determining the SPE's activity or its operational management. The premium received on the insurance policy represents a small sum compared to all the benefits generated by the SPE, the bulk of which flow to the investors.

Coface does not sponsor securitisation arrangements. It plays the role of mere service provider to the special purpose entity by signing a contract with the SPE. In fact, Coface holds no power over the relevant activities of the SPEs involved in these arrangements (selection of receivables in the portfolio, receivables management, etc.). No credit insurance SPEs were consolidated within the financial statements.

SPEs used for financing operations

Since 2012, Coface has put in place an alternative refinancing solution to the liquidity line granted by Natixis for the Group's factoring business in Germany and Poland (SPEs used for financing operations).

Under this solution, every month, Coface Finanz – a Group factoring company – sells its factored receivables to a French SPV (special purpose vehicle), the FCT Vega securitisation fund. The sold receivables are covered by credit insurance.

The securitisation fund acquires the receivables at their nominal value less a discount (determined on the basis of the portfolio's past losses and refinancing costs). To obtain refinancing, the fund issues (i) senior units to the conduits (one conduit per bank) which in turn issue ABCP (asset-backed commercial paper) on the market, and (ii) subordinated units to Coface Factoring Poland. The Coface Group holds control over the relevant activities of the FCT.

The FCT Vega securitisation fund is consolidated in the Group financial statements.

SPEs used for investing operations

The "Colombes" mutual funds were set up in 2013 to centralise the management of the Coface Group's investments. The administrative management of these funds has been entrusted to Amundi, and Caceis has been selected as custodian and asset servicing provider.

The European branches of Compagnie Française d'Assurance pour le commerce extérieur, which do not have any specific local regulatory requirements, participate in the centralized management of their assets, set up by the Compagnie française d'assurance pour le commerce extérieur. They receive a share of the global income resulting from the application of an allocation key representing the risks subscribed by each branch and determined by the technical accruals.

Fonds Lausanne was created in 2015 in order to allow Coface Ré to subscribe for parts in investment funds, the management is delegated to Amundi, the custodian is Caceis Switzerland and the asset servicing provider is Caceis.

The three criteria established by IFRS 10 for consolidation of the FCP Colombes and FCP Lausanne funds are met. Units in dedicated mutual funds (UCITS) have been included in the scope of consolidation and are fully consolidated. They are fully controlled by the Group.

All of Coface entities are consolidated by full integration method.

Country	Entity	Consolidation Method	Percentage			
			Control DEC. 31, 2023	Interest DEC. 31, 2023	Control DEC. 31, 2022	Interest DEC. 31, 2022
Northern Europe						
Germany	Coface, Niederlassung in Deutschland (ex Coface Kreditversicherung)	-	Branch*		Branch*	
Germany	Coface Finanz GMBH	Full	100,00%	100,00%	100,00%	100,00%
Germany	Coface Debitorenmanagement GMBH	Full	100,00%	100,00%	100,00%	100,00%
Germany	Coface Rating Holding GMBH	Full	100,00%	100,00%	100,00%	100,00%
Germany	Coface Rating GMBH	Full	100,00%	100,00%	100,00%	100,00%
Germany	Kisselberg KG	Full	100,00%	100,00%	100,00%	100,00%
Germany	Fct Vega (Fonds de titrisation)	Full	100,00%	100,00%	100,00%	100,00%
Netherlands	Coface Nederland Services	Full	100,00%	100,00%	100,00%	100,00%
Netherlands	Coface Nederland	-	Branch*		Branch*	
Denmark	Coface Danmark	-	Branch*		Branch*	
Denmark	Coface Norden Services (Danmark Services)	Full	100,00%	100,00%	-	
Sweden	Coface Sverige	-	Branch*		Branch*	
Sweden	Coface Sverige Services AB (Sweden Services)	Full	100,00%	100,00%	-	
Norway	Coface Norway - SUCC (Coface Europe)	-	Branch*		Branch*	
Western Europe						
France	COFACE SA	Parent company	100,00%	100,00%	100,00%	100,00%
France	Compagnie française d'assurance pour le commerce extérieur	Full	100,00%	100,00%	100,00%	100,00%
France	Cofinpar	Full	100,00%	100,00%	100,00%	100,00%
France	Cogeri	Full	100,00%	100,00%	100,00%	100,00%
France	Fimipar	Full	100,00%	100,00%	100,00%	100,00%
France	Fonds Colombes 2 bis	Full	100,00%	100,00%	100,00%	100,00%
France	Fonds Colombes 3	Full	100,00%	100,00%	100,00%	100,00%
France	Fonds Colombes 3 bis	Full	100,00%	100,00%	100,00%	100,00%
France	Fonds Colombes 3 ter	Full	100,00%	100,00%	100,00%	100,00%
France	Fonds Colombes 3 quater	Full	100,00%	100,00%	100,00%	100,00%
France	Fonds Colombes 4	Full	100,00%	100,00%	100,00%	100,00%
France	Fonds Colombes 5 bis	Full	100,00%	100,00%	100,00%	100,00%
France	Fonds Colombes 6	Full	100,00%	100,00%	100,00%	100,00%
Belgium	Coface Belgium Services	Full	100,00%	100,00%	100,00%	100,00%
Belgium	Coface Belgique	-	Branch*		Branch*	
Switzerland	Coface Suisse	-	Branch*		Branch*	
Switzerland	Coface Services Suisse	Full	100,00%	100,00%	-	
Switzerland	Fonds Lausanne 2	Full	100,00%	100,00%	100,00%	100,00%
Switzerland	Fonds Lausanne 2	Full	100,00%	100,00%	100,00%	100,00%
Switzerland	Fonds Lausanne 2 bis	Full	100,00%	100,00%	100,00%	100,00%
Switzerland	Fonds Lausanne 3	Full	100,00%	100,00%	100,00%	100,00%
Switzerland	Fonds Lausanne 3 bis	Full	100,00%	100,00%	100,00%	100,00%
Switzerland	Fonds Lausanne 5	Full	100,00%	100,00%	100,00%	100,00%
Switzerland	Fonds Lausanne 6	Full	100,00%	100,00%	100,00%	100,00%
UK	Coface UK Holdings	Full	100,00%	100,00%	100,00%	100,00%
UK	Coface UK Services	Full	100,00%	100,00%	100,00%	100,00%
UK	Coface UK	-	Branch*		Branch*	
Ireland	Coface Ireland	-	Branch*		Branch*	
Central Europe						
Austria	Coface Austria Kreditversicherung Service GmbH	-	0,00%	0,00%	100,00%	100,00%
Austria	Coface Central Europe Holding AG	Full	100,00%	100,00%	100,00%	100,00%
Austria	Compagnie française d'assurance pour le Commerce Extérieur SA Niederlassung Austria	-	Branch*		Branch*	
Hungary	Compagnie française d'assurance pour le commerce extérieur Hungarian Branch Office	-	Branch*		Branch*	
Hungary	Coface Hungary Insurance services	Full	100,00%	100,00%	Non consolidated	
Poland	Coface Poland Insurance Services	Full	100,00%	100,00%	100,00%	100,00%
Poland	Coface Poland Factoring Sp. z o.o.	Full	100,00%	100,00%	100,00%	100,00%
Poland	Compagnie française d'assurance pour le commerce extérieur Spółka Akcyjna Oddział w Polsce	-	Branch*		Branch*	
Czech Republic	Compagnie française d'assurance pour le commerce extérieur organizační složka Česko	-	Branch*		Branch*	
Romania	Coface Romania Insurance Services	Full	100,00%	100,00%	100,00%	100,00%
Romania	Compagnie française d'assurance pour le commerce extérieur S.A. Bois - Colombes – Sucursala B	-	Branch*		Branch*	
Romania	Coface Technologie - Roumanie	-	Branch*		Branch*	
Slovakia	Compagnie française d'assurance pour le commerce extérieur, pobočka poistovne z iného člensk	-	Branch*		Branch*	
Slovenia	Coface PKZ	-	Branch*		100,00%	100,00%
Lithuania	Compagnie Française d'Assurance pour le Commerce Extérieur Lietuvos filialas	-	Branch*		Branch*	
Lithuania	Coface Baltics Services	Full	100,00%	100,00%	-	
Bulgaria	Compagnie Française d'Assurance pour le Commerce Extérieur SA – Branch Bulgaria	-	Branch*		Branch*	
Russia	CJSC Coface Rus Insurance Company	Full	100,00%	100,00%	100,00%	100,00%
Croatia	Coface Adriatics	Full	100,00%	100,00%	Non consolidated	

Mediterranean & Africa

Italy	Coface Italy (Succursale)	-	Branch*		Branch*	
Italy	Coface Italia	Full	100,00%	100,00%	100,00%	100,00%
Israel	Coface Israel	-	Branch*		Branch*	
Israel	Coface Holding Israel	Full	100,00%	100,00%	100,00%	100,00%
Israel	BDI – Coface (business data Israel)	Full	100,00%	100,00%	100,00%	100,00%
South Africa	Coface South Africa	Full	75,00%	75,00%	75,00%	75,00%
South Africa	Coface South Africa Services	Full	100,00%	100,00%	100,00%	100,00%
Spain	Coface Servicios España,	Full	100,00%	100,00%	100,00%	100,00%
Spain	Coface Iberica	-	Branch*		Branch*	
Portugal	Coface Portugal	-	Branch*		Branch*	
Greece	Coface Grèce	-	Branch*		Branch*	
Greece	Coface Services Grèce	Full	100,00%	100,00%	100,00%	100,00%
Turkey	Coface Sigorta	Full	100,00%	100,00%	100,00%	100,00%

North America

United States	Coface North America Holding Company	Full	100,00%	100,00%	100,00%	100,00%
United States	Coface Services North America	Full	100,00%	100,00%	100,00%	100,00%
United States	Coface North America Insurance company	Full	100,00%	100,00%	100,00%	100,00%
Canada	Coface Canada	-	Branch*		Branch*	

Latin America

Mexico	Coface Seguro De Credito Mexico SA de CV	Full	100,00%	100,00%	100,00%	100,00%
Mexico	Coface Holding America Latina SA de CV	Full	100,00%	100,00%	100,00%	100,00%
Mexico	Coface Servicios Mexico. S.A.DE C.V.	Full	100,00%	100,00%	100,00%	100,00%
Brazil	Coface Do Brasil Seguros de Credito	Full	100,00%	100,00%	100,00%	100,00%
Chile	Coface Chile SA	Full	100,00%	100,00%	100,00%	100,00%
Chile	Coface Chile	-	Branch*		Branch*	
Argentina	Coface Argentina	-	Branch*		Branch*	
Argentina	Coface Sevicios Argentina S.A	Full	100,00%	100,00%	100,00%	100,00%
Ecuador	Coface Ecuador	-	Branch*		Branch*	
Colombia	Coface Service Colombia Ltda.	Full	94,98%	100,00%	Non consolidated	

Asia-Pacific

Australia	Coface Australia	-	Branch*		Branch*	
Hong-Kong	Coface Hong Kong	-	Branch*		Branch*	
Japan	Coface Japon	-	Branch*		Branch*	
Japan	Coface Services Japan	Full	100,00%	100,00%	Non consolidated	
Singapore	Coface Singapour	-	Branch*		Branch*	
New Zealand	Coface New Zealand Branch	-	Branch*		Branch*	
Taiwan	Coface Taiwan	-	Branch*		Branch*	

*Branch of Compagnie française d'assurance pour le commerce extérieur

Accounting policies

1. Applicable standards

Pursuant to European Regulation 1606/2002 of 19 July 2002, Coface's consolidated financial statements for the period ended 31 December 2023 were prepared in accordance with IAS/IFRS and IFRIC interpretations as adopted by the European Union and applicable at that date.

Texts applicable from 1 January 2023

The amendments to IAS 1 "Disclosure of Accounting Policies" and IAS 8 "Definition of an Accounting Estimate" were published in the Official Journal of the European Union on 3 March 2022 and are applicable to periods beginning on or after 1 January 2023, with the option of early application. These amendments have no impact on Coface's financial statements.

The amendment to IAS 12 "Deferred tax on assets and liabilities arising from the same transaction" was published in the Official Journal of the European Union on 12 August 2022 and is applicable to periods beginning on or after 1 January 2023, with the option of early application. This amendment has already been applied in Coface's financial statements.

The amendment to IAS 12 "International Tax Reform – Pillar 2" was published in the Official Journal of the European Union on 9 November 2023 and is applicable to periods beginning on or after 1 January 2023. This amendment relates to the mandatory temporary exemption from deferred tax recognition associated with the new "Global rules to combat erosion of the tax base" (commonly referred to as the "GloBE Rules" or "Pillar 2") (see Accounting principles and methods, 4.12.iii).

The Group first adopted IFRS 17 and IFRS 9 on 1 January 2023.

2. First-time adoption of IFRS 17 Insurance Contracts

IFRS 17, published on 18 May 2017 and endorsed by the European Union on 23 November 2021, replaces IFRS 4 Insurance Contracts and is effective for annual periods beginning on or after 1 January 2023, with early adoption permitted.

2.1 Transition methods

As required by the standard, the date of transition to IFRS 17 is 1 January 2022 and comparative information at the time of adoption of IFRS 17 has been restated in accordance with IAS 8.

2.2 Impact as at 1 January 2022

The total adjustment (after tax) to Group shareholders' equity is an increase of €91 million as at 1 January 2022, as summarised below:

<i>In millions of euros</i>	1 January 2022
Adjustment before deferred tax	119
Deferred tax adjustment	(28)
Impact of adopting IFRS 17	91

The detail of the adjustment on the balance sheet as at 1 January 2022 is disclosed below:

ASSETS as at 1 January 2022 (in millions euros)	IFRS 4 Published	IFRS 4 Derecognition	IFRS 17 Recognition of insurance contracts	IFRS 17 Restated
Goodwill and other intangible assets	230.0			230.0
Financial assets	3,213.4			3,213.4
Factoring receivables	2,690.1			2,690.1
Reinsurers' share of insurance liabilities	512.2	-512.2	289.0	289.0
Receivables arising from insurance and reinsurance operations	517.0	-517.0		-
Deferred acquisition costs	38.9	-38.9		-
Deferred tax assets	58.3	137.1	-131.1	63.9
Other assets	779.0		2.5	781.5
TOTAL ASSETS	8,039.0	-931.0	160.4	7,267.9

LIABILITY as at 1 January 2022 (in millions euros)	IFRS 4 Published	IFRS 4 Derecognition	IFRS 17 Recognition of insurance contracts	IFRS 17 Restated
Group shareholder's net equity	2,141.0	1,029.0	-937.9	2,232.0
Factoring debts	2,698.5			2,698.5
Liabilities related to insurance contracts	1,859.1	-1,858.5	1,250.3	1,250.5
Payables arising from insurance and reinsurance operations	286.6	-286.6		-
Deferred tax liabilities	120.3	185.1	-152.0	153.4
Other liabilities	933.5			933.5
TOTAL LIABILITIES	8,039.0	-931.0	160.4	7,267.9

2.3 Impact on 2022 income statement

The reconciliation between the 2022 income statement published in IFRS 4 and the one restated in IFRS 17 is the following:

	IFRS 4 Published (*)	IFRS 4 Derecognition	IFRS 17 Recognition of insurance contracts	IFRS 17 Restated
31/12/2022 (in millions of euros)				
Gross written premiums	1,698.3	-16.5	-15.3	1,666.5
Premium refunds	-142.1	29.0	-25.9	-139.1
Net change in unearned premium provisions	-28.7	28.7	-11.7	-11.7
Insurance Revenue	1,527.5	41.2	-53.0	1,515.7
Claims expenses	-476.8	128.0	-191.7	-540.4
Attributable costs	-	-	-531.5	-531.5
Loss component & reversal of loss component	-	-	2.7	2.735
Insurance Service Expenses	-476.8	128.0	-720.4	-1,069.2
Insurance Service Revenue, before reinsurance	1,050.7	169.2	-773.4	446.5
Income and expenses from ceded reinsurance	-146.61	12.0	-4.0	-138.6
Insurance Service Revenue	904.1	181.2	-777.4	307.9
Other revenue	284.5	-	-1.1	283.4
Operating expenses	-806.4	-6.7	570.1	-242.9
Risk cost	0.3	-	-	0.3
Income after reinsurance, other revenues and cost of risk	382.5	174.6	-208.5	348.6
Investment income, net of management expenses	40.1	-	-4.4	35.7
Insurance finance income or expenses	-	-	-8.4	-8.4
Insurance finance income or expenses from ceded reinsurance	-	-	-9.1	-9.1
Net Financial income	40.1		-22.0	18.1
Current operating income	422.6	174.6	-230.4	366.8
Other operating income and expenses	-9.1		-0.4	-9.5
Operating income	413.6	174.6	-230.9	357.2
Financial costs	-29.6	-	-	-29.6
Income tax expenses	-100.6	-44.5	58.2	-86.9
Consolidation net income before non-controlling interests	283.4	130.1	-172.7	240.7
Net income - minority interests	-0.3	-	-	-0.3
Net income for the year	283.1	130.1	-172.7	240.4

(*) Published IFRS 4 with IFRS 17 format : The wording changes constitute reclassifications without IFRS 17 application.

Due to the reconciliation table, the whole overheads are presented under IFRS 4 in « Operating expenses ». Under IFRS 17, those overheads are allocated between attributable costs impacting the Insurance service revenue and the non attributable costs (Operating expenses).

3. IFRS 9 Financial instruments first application

3.1 Transition methods

IFRS 9 Financial Instruments, replacing IAS 39, has been in force since 1 January 2018. However, the Group had applied the temporary exemption from IFRS 9 offered for its insurance entities and entities whose activities are related to insurance (service entities, consolidated funds). Consequently, the Group first adopted IFRS 9 on 1 January 2023, without comparative information for prior periods, in accordance with the option offered by the standard.

IFRS 9 has already been applied to factoring entities since 2018, as required by the standard.

3.2 Impacts as at 1 January 2023

IFRS 9 affects the classification and measurement of financial assets held by the Group as at 1 January 2023 as follows.

- **Derivative assets and liabilities**, which are classified as held for trading and measured at fair value in accordance with IAS 39, are also measured at fair value in accordance with IFRS 9.
- Under IFRS 9, **debt instruments** classified as available-for-sale in accordance with IAS 39 may be measured at FVOCI or at FVPL, depending on the specific circumstances.
- **Equity instruments** classified as available-for-sale under IAS 39 are measured at fair value under IFRS 9. However, the current portfolio of listed equity investments is held for long-term strategic purposes, and is designated at FVOCI on 1 January 2023. The same applies to investments in non-consolidated companies. Consequently, all fair value gains and losses on these two categories of shares are recognised in other comprehensive income, no impairment loss is recognised in the income statement, and no gain or loss will be reclassified to the income statement on disposal of these investments.
- **Held-to-maturity investments** measured at amortised cost under IAS 39 are measured at fair value or amortised cost under IFRS 9.
- **Loans and receivables** measured at amortised cost under IAS 39 are also measured at amortised cost under IFRS 9.

As the majority of the Group's financial assets are measured at fair value before and after the transition to IFRS 9, the new classification requirements do not have a material impact on the Group's total shareholders' equity as at 1 January 2023. The Group's total shareholders' equity is therefore only affected by reclassifications between the amortised cost and fair value measurement categories.

The new impairment requirements result in additional loss provisions for the Group, mainly on debt instruments valued at FVOCI. However, this has no impact on the Group's total shareholders' equity, as the loss recognised is offset by a change in fair value revaluation in the opposite direction; indeed, the recognition of provisions for losses does not reduce the carrying amount of these investments, which remains at fair value.

Summary of reclassifications by category

The following tables summarise the reclassifications between IAS 39 and IFRS 9 by instrument category.

Net of provisions:

(in thousands of euros)		IFRS 9 balance sheet value	Transfer to FVR	Transfer to assets at FV OCI recyclable	Transfer to assets at FV OCI no recyclable	Transfer to assets at amortized cost	Transfer to derivatives	Cancellation of IAS39 revaluation by OCI reserves	OCI revaluation under IFRS9	Carrying amount restatement under IFRS9 via the FTA reserve	IFRS 9 balance sheet value
IAS 39	Assets to FVR	26	(26)								
	AFS	2,902,405	(499,705)	(2,236,992)	(162,592)	(3,054)					
	Loans and receivables	100,246				(100,246)					
	HTM	1,842		(1,842)							
	Derivatives	10,108					(10,108)				
	Total IAS 39 at 31/12/2022	3,014,627									
IFRS 9	FVR - Debt instruments - no SPPI		23,079					3,388		(3,388)	23,079
	FVR - Equity instruments		476,714					(11,727)		11,727	476,714
	FV OCI R - Debt instruments			2,238,634				154,830	(154,193)	(422)	2,239,099
	FV OCI NR - Equity instruments				162,592			(63,055)	30,460	32,506	162,592
	Amortized cost- Debt instruments					3,054					3,054
	Amortized cost - Loans and receivables					100,246					100,246
	Derivatives						10,108				10,108
	Total IFRS 9 at 01/01/2023										

The difference of €216k between IAS 39 and IFRS 9 corresponds to bonds which were previously (under IAS 39) classified as held to maturity (HTM) and which, under IFRS 9, are classified and therefore revalued at FVOCI.

Gross of provisions:

(in thousands of euros)		IFRS 9 balance sheet value	Transfer to FVR	Transfer to assets at FV OCI recyclable	Transfer to assets at FV OCI no recyclable	Transfer to assets at amortized cost	Transfer to derivatives	Cancellation of IAS39 revaluation by OCI reserves	OCI revaluation under IFRS9	Carrying amount restatement under IFRS9 via the FTA reserve	IFRS 9 balance sheet value
IAS 39	Assets to FVR	26	(26)								
	AFS	2,940,981	(505,747)	(2,236,992)	(195,188)	(3,054)					
	Loans and receivables	100,246				(100,246)					
	HTM	1,842		(1,842)							
	Derivatives	10,108					(10,108)				
	Total IAS 39 at 31/12/2022	3,053,223									
IFRS 9	FVR - Debt instruments - no SPPI		23,079					3,388		(3,388)	23,079
	FVR - Equity instruments		462,695					(11,727)		5,746	476,714
	FV OCI R - Debt instruments			2,238,634				154,830	(154,100)		2,239,471
	FV OCI NR - Equity instruments				195,188			(63,055)	30,460		162,592
	Amortized cost- Debt instruments					3,054					3,054
	Amortized cost - Loans and receivables					100,246					100,246
	Derivatives						10,108				10,108
	Total IFRS 9 at 01/01/2023										

Reconciliation between IAS 39 and IAS 37 impairment provisions and the expected credit loss under IFRS 9

This table presents details of the effects of the change related to the adoption of the new impairment methodology implemented under IFRS 9.

(in thousands of euros)		IFRS 9 balance sheet value	Transfer to FVR	Transfer to assets at FV OCI recyclable	Transfer to assets at FV OCI non recyclable	Transfer to assets at amortized cost	Transfer to assets at amortized cost	Impairment restatement under IFRS 9	IFRS 9 balance sheet value
IAS 39	AFS	(38,576)	5,981		32,596				
	Loans and receivables	(0)							
	HTM	(0)							
	Total IAS 39 au 31/12/2022	(38,576)							
IFRS 9	FVR - Debt instruments - no SPPI								(0)
	FVR - Equity instruments		(5,981)					5,981	(0)
	FVRO - Debt instruments								(0)
	FV OCI R - Debt instruments							(422)	(422)
	FV OCI NR - Equity instruments				(32,596)			32,596	(0)
	Amortized cost- Debt instruments								(0)
	Amortized cost - Loans and receivables								(0)
	Total IFRS 9 at 01/01/2023								(422)

Financial instruments at fair value through equity under IAS 39 reclassified to amortised cost under IFRS 9

The Group has not reclassified any financial instruments from fair value through equity under IAS 39 to amortised cost under IFRS 9, and is therefore not concerned by these notes.

Classification of financial instruments and impairment provisions by Bucket

In order to distinguish between the securities concerned by one or other ECL calculation methodology, IFRS 9 defines three different Buckets:

- Bucket 1, corresponding to “healthy” assets, for which the 12-month ECL method will be used
- Bucket 2, corresponding to “deteriorated” assets that have undergone a significant deterioration in risk, for which the ECL at maturity calculation will be applied
- Bucket 3 for “doubtful” assets, to which we will apply an ECL equal to the amortised cost of the securities.

An asset is considered doubtful if an objective indicator of issuer default is detected. For example, the Group considers coupon non-payment on any of the issuer’s issues to be an objective indicator.

The Bucket is not fixed in time, so a financial asset may change Bucket according to its sensitivity and evolution to credit risk. Bucket changes can therefore be made for any significant improvement or deterioration in credit risk.

<i>(in thousands of euros) Gross of provision</i>	IFRS 9 balance sheet value	Bucket 1	Bucket 2	Bucket 3
FV OCI R - Debt instruments	2,239,471	2,200,687	38,784	(0)
Amortized cost - Debt instruments	3,054	3,054	(0)	(0)
Amortized cost - Loans and receivables	100,246	100,246	(0)	(0)
Total at 01/01/23	2,342,771	2,303,987	38,784	(0)

<i>(in thousands of euros) Provision</i>	IFRS 9 balance sheet value	Bucket 1	Bucket 2	Bucket 3
FV OCI R - Debt instruments	(422)	(318)	(103)	(0)
Amortized cost - Debt instruments	(0)	(0)	(0)	(0)
Amortized cost - Loans and receivables	(0)	(0)	(0)	(0)
Total at 01/01/23	(422)	(318)	(103)	(0)

<i>(in thousands of euros) Net of provision</i>	IFRS 9 balance sheet value	Bucket 1	Bucket 2	Bucket 3
FV OCI R - Debt instruments	2,239,050	2,200,369	38,681	(0)
Amortized cost - Debt instruments	3,054	3,054	(0)	(0)
Amortized cost - Loans and receivables	100,246	100,246	(0)	(0)
Total at 01/01/23	2,342,349	2,303,669	38,681	(0)

4. Significant accounting policies

4.1 Basis for consolidation

i. Consolidation methods

In accordance with IAS 1 “Presentation of Financial Statements”, IFRS 10 “Consolidated Financial Statements” and IFRS 3 “Business Combinations”, certain interests that are not material in relation to the Coface Group’s consolidated financial statements are excluded from the scope of consolidation.

The notion of materiality results from the application of thresholds and a qualitative assessment of the relevance of the contribution of entities to Coface’s consolidated financial statements. The main thresholds applicable are as follows:

- Balance sheet total: €40 million
- Underwriting income: €5 million
- Net income: ±€2 million

In addition, it is Group policy for all non-consolidated entities to distribute their entire distributable income, barring regulatory constraints and/or exceptional items.

Interests are consolidated as follows:

- fully consolidated, when Coface exercises control over these companies;
- by the equity method, when they are subject to significant influence.

All Coface Group entities are fully consolidated.

Under IFRS 10, control of an entity is assessed using three cumulative criteria: power over the entity's relevant activities, exposure to the entity's variable returns and power to influence the variable returns obtained from the entity. An analysis of the Coface Group's special-purpose entities is presented in the "Scope of consolidation" note.

ii. Intercompany transactions

Material intercompany transactions are eliminated from the balance sheet and income statement.

iii. Accounting period balance sheet date and duration

The accounts are closed on 31 December of each year, and the accounting period runs for 12 months.

4.2 Foreign currencies

i. Translation of foreign currency transactions

In accordance with IAS 21, on initial recognition, transactions denominated in foreign currencies are translated into the functional currency of the entity concerned at the exchange rate prevailing on the transaction date; entities generally use the closing rate for the month preceding the transaction date, which is considered to be an approximation of the rate on the transaction date in the absence of significant fluctuations.

At each balance sheet date:

- monetary items are translated at the closing rate; groups of insurance and reinsurance contracts generating cash flows in foreign currencies are treated as monetary items;
- non-monetary items measured at historical cost are translated at the exchange rate prevailing on the transaction date;
- non-monetary items measured at fair value are translated using the exchange rate at the date on which the fair value was determined.

Foreign exchange gains and losses are generally recognised in the income statement under net financial income/expense. However, those relating to the following items are recognised in other comprehensive income (OCI):

- The impact of the unwinding of discount on liabilities for claims incurred for which IFRS 17 offers the option of recognising them in OCI (difference between the unwinding of discount at the original rate and the unwinding of discount at the current rate) (E);
- equity investments designated at fair value through equity (FVOCI) under IFRS 9;
- financial investments classified as available-for-sale (AFS) under IAS 39 and derecognised as at 1 January 2023; and
- long-term receivables and payables relating to a consolidated company whose settlement is neither planned nor likely to occur in the foreseeable future.

ii. Translation of financial statements of foreign subsidiaries and branches

Coface's consolidated financial statements are prepared in euros. The balance sheets of foreign subsidiaries whose functional currency is not the euro are translated into euros at the period-end rate, with the exception of capital and reserves, which are translated at the historical rate. The resulting translation differences are taken to other comprehensive income.

Income statement items are translated at the average exchange rate for the period, which is an approximation of the rate on the transaction date in the absence of significant fluctuations (IAS 21.40). The difference between the average exchange rate and the closing rate applied to the balance sheet is also recognised in other comprehensive income.

iii. Hyperinflationary economies

The Group applies IAS 29 "Financial Reporting in Hyperinflationary Economies" to its operations in Argentina in Argentine pesos (required since 2018) and in Turkey in Turkish lira (required since 2022).

As its credit insurance business is mainly conducted in US dollars, the Argentine branch now uses this currency as its functional currency. Consequently, IAS 29 does not apply to this activity (representing 1% of the Group's turnover).

4.3 Segment reporting

The Coface Group applies IFRS 8, which requires the presentation of segment information based on the Group's organisation as used by management to allocate resources and measure performance.

Accordingly, the segment information used by management corresponds to the following regions:

- Northern Europe;
- Western Europe;
- Central Europe;
- Mediterranean and Africa;
- North America;
- Latin America;
- Asia Pacific.

No operating segments have been aggregated for the purposes of published segment information. Geographical segmentation corresponds to the country of invoicing.

4.4 Insurance and reinsurance technical reserves

i. Identification of contracts within the scope of IFRS 17

IFRS 17 establishes principles for the recognition, measurement, presentation and disclosure of insurance contracts issued, reinsurance contracts issued and held, and investment contracts with discretionary participation features, provided insurance contracts are also issued.

The Group covers risks under the following insurance policies: credit insurance (short-term), *Single-risk*² and surety bond (medium-term). Surety bonds do not constitute a credit insurance product, as they represent a different type of risk (in terms of underlying and duration of the risk), but they do meet the definition of an insurance contract set out in IFRS 17.

When identifying contracts falling within the scope of IFRS 17, the Group must, in certain cases, assess whether a set or series of contracts should be treated as a single contract and whether the goods and services components should be separated and accounted for under a different standard.

² Single Risk is a special type of insurance that covers both political risks and commercial risks (i.e. payment default). This type of policy is designed specifically for complex, long-term projects. The insurer defines a tailor-made contract with the customer.

An analysis of all Coface's insurance contracts leads to the conclusion that they fall within the scope of IFRS 17 for revenues linked to insurance premiums.

ii. Aggregation level

The standard requires a more detailed level of granularity in the calculations, since it calls for estimates by group of contracts, without classifying contracts issued more than one year apart in the same group – annual cohorts.

The optional carve-out introduced by the European Commission, which waives the annual cohort requirement for life insurance contracts, does not apply to the Group, as no activity is eligible.

Contract groups are determined by first identifying contract portfolios, each comprising contracts subject to similar risks and managed together. Coface has defined three portfolios: the credit insurance business line, the single risk business line and the surety business line.

Each portfolio is then divided into annual cohorts (i.e. by underwriting year) and each annual cohort into two groups:

- a group of onerous contracts on initial recognition (for which a loss component will, where appropriate, be recognised immediately through the income statement);
- a group of contracts which, at initial recognition, have the potential to become onerous at a later date.

In addition, IFRS 17 specifies that an entity is allowed to subdivide groups in order to assess their profitability. Coface has defined 15 groups of credit insurance contracts, mainly based on geographical regions, one group of single risk contracts and one group of surety contracts.

As for reinsurance contracts held, granularity is based on reinsurance treaties.

When a contract is recognised, it is added to an existing group of contracts or, if the contract does not qualify for inclusion in an existing group, it forms a new group to which future contracts can be added.

iii. Contract boundaries

Under IFRS 17, the valuation of a group of contracts includes all future cash flows within the scope of each contract in the group. The period covered by the premiums included in the contract boundaries is the “cover period”.

The Group considers that the requirements relating to the boundaries of the insurance contract are linked to the substantial obligation to provide a service, to the practical ability to reassess policyholders' risks at the level of each contract, and that those relating to the boundaries of the reinsurance contract are linked to the practical ability of the reinsurer to terminate the reinsurance coverage. According to these requirements, IFRS 17 does not impact the nature of the Group's cash flows to be included in the measurement of existing contracts recognised compared with IFRS 4.

Onerous contracts are recognised as soon as the Group is committed at the measurement date, even if the premiums have not yet been received.

iv. Cover period

The cover period is defined as the period during which the entity covers the insured events. IFRS 17 defines an insured event as “an uncertain future event covered by an insurance contract that creates an insurance risk”. The Group has defined the cover period for the credit insurance business line as the period from the inception of the insurance policy to the potential date of default by the debtor to the insured. For this purpose, the default date has been defined as the maximum credit period specified in the contract.

An insurance contract issued by the Group is recognised at the earliest at:

- the start date of the contract group's cover period;
- the date on which the first payment by a group policyholder becomes due;
- in the case of a group of loss-making contracts, the date on which the group becomes loss-making.

An insurance contract acquired in a contract transfer or business combination is recognized at the acquisition date.

v. Accounting model

Under IFRS 17, contracts are measured using a current value measurement model based on the “building block approach” (BBA):³

- cash flow from operating activities, i.e.
 - estimates of future cash flows weighted by their probability of occurrence;
 - an adjustment to reflect the time value of money (i.e. by discounting future cash flows) and the financial risks associated with future cash flows;
 - an adjustment for non-financial risk (see 4.18 Significant judgments and estimates).
- contractual service margin (CSM). The CSM represents unearned profit for a group of insurance contracts and will be recognised as the entity provides services in the future.

At the end of each subsequent reporting period, the carrying amount of a group of insurance contracts is revalued to match the sum of:

- the remaining cover liability, comprising the performance cash flows related to future services and the contractual service margin of this group;
- and the liability for claims incurred, the valuation of which corresponds to the performance cash flows relating to services already rendered and allocated to this group of contracts at that date.

In addition, a simplified valuation model known as the premium allocation approach (PAA) is permitted for the measurement of the remaining cover liability if it provides a measurement that is not materially different from the general model, or if the cover period is one year or less.

The Group applies PAA to all insurance and reinsurance portfolios, of which credit insurance represents the bulk of its business, as the resulting measurement of the remaining cover liability is not materially different from the result of applying the general model.

Under the simplified PAA, the remaining cover liability corresponds to the amount of premiums, if any, at the initial recognition date, less acquisition costs and amounts already recognised in income before the balance sheet date. Also, under the PAA, the remaining cover liability does not include any CSM. In addition, as permitted by the standard, premiums received have been approximated as written premiums less premium-related insurance and reinsurance receivables and payables.

The Group amortises cash flows relating to attributable insurance acquisition costs. These costs include acquisition commissions paid to intermediaries (brokers, agents, ceding companies) and other acquisition costs attributable to contracts, and are allocated over the period of cover according to the same rule as the provision for unearned premiums. They are amortised on a straight-line basis over the cover period.

As required by IFRS 17, the portion of deferred acquisition costs is now deducted from balance sheet liabilities under “Liabilities for remaining cover”, included in “Liabilities arising from insurance contracts issued”. The change in deferred acquisition costs for the period is included in acquisition costs attributable to the income statement.

Subsequently, the carrying amount of the remaining cover liability is increased by any further premiums received, and reduced by the amount recognised in income for the services rendered. If, at any time before and during the cover period, facts and circumstances, such as claims experience drift, indicate that a group of contracts is or becomes onerous, the Group will recognise a loss in income and increase the remaining cover liability by a loss component. At the same time, in respect of reinsurance contracts held, a loss component ceded to reinsurers will be recognised.

The carrying amount of the remaining cover liability is not adjusted to reflect the time value of money and the effect of the financial risk, as at initial recognition the Group expects that the time elapsing, for each cover party, between the time it provides the relevant portion of the cover and the due date of the related premium will not exceed one year.

³ or general model measurement (GMM)

The general model remains applicable for the measurement of incurred claims. Future cash flows are discounted at current rates.

The hypothesis used to value the Best Estimate related to reinsurance portfolios are consistent with the Best Estimate related to issued insurance portfolio. The Best Estimate must also include the effect of the risk of non-performance on the part of the issuer of the reinsurance treaty, which Coface considers to be immaterial.

vi. Presentation

IFRS 17 significantly changes the way insurance and reinsurance contracts are presented and disclosed in the Group's consolidated financial statements.

Under IFRS 17, portfolios of insurance contracts that are assets and those that are liabilities, and portfolios of reinsurance contracts that are assets and those that are liabilities, are presented separately in the statement of financial position. All rights and obligations arising from a portfolio of contracts are presented on a net basis; consequently, balances such as insurance receivables and payables and loans to policyholders are no longer presented separately. Any asset or liability recognised for cash flows arising before the recognition of the corresponding group of contracts (including any asset for insurance acquisition cash flows) is also presented in the same line item as the corresponding contract portfolios.

Following the option given by IFRIC to account for receivables from intermediaries under IFRS 17 or IFRS 9 (see IASB Finalisation agenda decision October 2023), Coface has maintained its accounting treatment under IFRS 17.

In terms of presentation, the various income and expenses from insurance and reinsurance contracts are broken down in the income statement between:

- a result from insurance activities comprising income from insurance activities (corresponding to the service of insurance contracts rendered in the year) and expenses relating to insurance activity (i.e. claims incurred and other expenses relating to the insurance service rendered); amounts from reinsurance contracts are presented separately;
- financial income from insurance and reinsurance.

The separate presentation of underwriting results and financial results in accordance with IFRS 17 and IFRS 9 (see 3 Adoption of IFRS 9 Financial Instruments) provides greater transparency on sources of earnings and the quality of revenues.

Income from insurance services

Income from insurance services comprises insurance income and insurance expenses.

Insurance income:

Insurance income replaces the gross insurance premiums indicator previously presented.

For contracts valued using the PAA, insurance income is recognised on the basis of an allocation of expected premiums to each cover period, which is based on the passage of time. It comprises gross premiums written, net of premium refunds, and changes in unearned premium reserves.

- *Gross premiums written:*

Gross premiums written correspond to premiums invoiced, excluding taxes and net of cancellations. They include an estimate of premiums to be written for the portion earned during the period, and an estimate of premiums to be cancelled after the balance sheet date. This estimate of premiums to be written includes premiums negotiated but not yet invoiced, as well as premium adjustments corresponding to the difference between minimum premiums and final premiums. It also includes the uncertainties associated with year-end premium issues.

Premiums invoiced are mainly based on the revenue achieved by the Group's policyholders, or on their outstanding customer risk, which in turn depends on revenue. Premiums are therefore directly dependent on revenue volumes in the countries where the Group operates.

In accordance with the requirements of IFRS 17, commissions paid to ceding companies (external partners) are treated as negative premiums and are therefore now deducted from insurance income. They are amortised at the same rate as provisions for unearned premiums.

When commissions are scaled (variation according to the level of claims accepted), an estimate of these commissions is made at each balance sheet date. The latter are treated as claims flows and therefore remain presented under contract service charges as under the previous standard.

- *Premium refunds*

Premium refunds include profit-sharing, bonuses and no-claims bonuses, which are mechanisms for returning part of a policyholder's premium based on the policy's profitability. They also include penalties, which take the form of an additional premium to be charged to policyholders whose policy is in deficit.

"Premium refunds" include provisions based on estimated refunds to be paid.

- *Provision for unearned premiums*

The provision for unearned premiums is calculated pro rata temporis for each insurance contract. It corresponds to the portion of the premium still to run between the period-end date and the date on which the premium cover expires.

The requirements of IFRS 17 to recognise insurance income over the cover period results in slower income recognition than with the Group's previous practice based on the term of the contract.

Insurance expenses:

Expenses directly related to the performance of contracts are recognised in the income statement as insurance expenses, generally when incurred. Expenses that are not directly linked to the performance of contracts are presented outside the insurance result.

Insurance expenses include claims expenses, attributable overheads and the provision for onerous components.

- *Claims expenses*

Claims expenses include claims paid, changes in estimated future cash flows (liability for incurred claims (LIC)) excluding financial effects, and the adjustment for non-financial risk.

Claims paid: Claims paid correspond to indemnities paid net of recoveries received, as well as expenses incurred in handling them.

Estimates of future cash flows: see 4.18 Significant judgments and estimates.

Adjustment for non-financial risk: see 4.18 Significant judgments and estimates.

- *Attributable overheads:*

Attributable acquisition costs include acquisition commissions and other attributable overheads obtained by allocating costs by activity (see 4.18 Significant judgments and estimates).

- *Provision for onerous components:*

The change in the onerous component includes the new allocation, amortisation and reversal for the period. (See 4.18. Significant judgments and estimates.)

Income and expenses from ceded reinsurance

All ceded reinsurance transactions are risk transfer transactions.

Ceded reinsurance is recognised in accordance with the terms of the various treaties. The reinsurers' share of technical reserves is determined on the basis of the technical reserves recorded in liabilities.

As required by IFRS 17, funds received from reinsurers are now included in assets under "Assets associated with reinsurance contracts held".

Commissions received from reinsurers are calculated on the basis of premiums written. They are then amortised at the same rate as provisions for unearned premiums ceded (unearned premiums ceded correspond to gross unearned premiums multiplied by the cession rate).

Insurance financial income or expenses

Under IFRS 17, changes in the carrying amount of groups of contracts resulting from the effects of the time value of money, financial risk and their variations are generally presented as insurance financial income or expenses.

The Group applies the option offered by IFRS 17 of disaggregating insurance or reinsurance financial expenses between the income statement and other comprehensive income (OCI). In particular, this option allows the reclassification to OCI of a portion of the estimated differences in cash flows arising from changes in financial assumptions.

If the Group derecognises a contract following a transfer to a third party or a modification of the contract, any remaining amount of accumulated OCI for the contract will be reclassified in the income statement.

4.5 Financial assets under IFRS 9, applicable on or after 1 January 2023 for the insurance portfolio

i. Classification of financial assets

The classification of financial assets under IFRS 9 that qualify as debt instruments is generally based on the way in which a financial asset is managed (business model) and the characteristics of its contractual cash flows.

IFRS 9 includes three main measurement categories for financial assets – measured at amortised cost, fair value through equity subsequently recyclable through profit or loss (FVOCI)⁴ and fair value through profit or loss (FVPL)⁵ – and eliminates the former IAS 39 categories of held-to-maturity investments, loans and receivables, and available-for-sale financial assets.

A financial asset is measured at amortised cost if it meets both of the following conditions, and if it is not designated as measured at fair value:

- it is held as part of a model whose objective is to hold assets to collect contractual cash flows; and
- its contractual terms give rise, on specific dates, to cash flows representing solely principal repayments and interest payments on the principal outstanding.

⁴ FVOCI: Fair value through other comprehensive income / FVOCI-R: Recyclable.

⁵ FVPL: Fair value through profit or loss. FVPL-O: on option

A financial asset is measured at fair value if it meets both of the following conditions, and if it is not designated as measured at fair value:

- it is held as part of a business model whose objective is both the collection of contractual cash flows and the sale of financial assets; and
- its contractual terms give rise, on specific dates, to cash flows representing solely principal repayments and interest payments on the principal outstanding.

All financial assets not classified as measured at amortised cost or at FVOCI as described above are measured at FVPL. In addition, on initial recognition, the Group may irrevocably designate a financial asset that otherwise meets the requirements for measurement at amortised cost or at FVOCI as being measured at FVPL if this eliminates or significantly reduces any accounting mismatch that would otherwise arise.

Nevertheless, on initial recognition of an equity instrument that is not held for trading, the Group may irrevocably elect to present subsequent changes in fair value in other comprehensive income. This choice is made on an instrument-by-instrument basis, and means that changes in fair value recognised in OCI cannot be recycled to the income statement when the asset is derecognised, and that only dividends received are recognised separately in the income statement.

ii. Impairment of financial assets

Methodology for calculating expected credit loss (ECL)

Under IFRS 9, provisions represent expected credit losses (ECLs). Given the credit risk inherent in each receivable, ECLs are measured and discounted on the basis of a probability of default.

The main data items used for ECL measurement are the forward structures of Probability of Default (PD), Loss Given Default (LGD) and Exposure At Default (EAD). ECLs for financial assets for which the credit risk has not increased significantly since initial recognition are calculated by multiplying the 12-month PD by the respective LGD and EAD, and discounting the result to the balance sheet date. Maturity ECLs are calculated by summing all ECLs calculated at each annual step between one year and the security's final redemption date (obtained by multiplying each annual PD by the corresponding LGD and EAD, then discounting the result).

For calibration and modelling purposes, a segmentation has been defined on the basis of the counterparties' geographical area and economic sector.

To determine the PD on each segment, and at each annual maturity, the Group will use the PD tables derived from Coface's credit score (DRA).

LGD is the magnitude of the probable loss in the event of default, expressed as a percentage.

The Group estimates LGD parameters using the same segmentation as for PDs, based on historical indemnities and recovery rates for receivables from defaulting counterparties.

In the absence of robust statistical calibration results for a given segment (ratings/sector/geographical area), due to an insufficient number of observed defect occurrences, the Group systematically assigns to this segment the most unfavourable LGD rate among those of the other segments.

The EAD represents the expected exposure at default. The Group deducts the EAD from the current exposure to the counterparty and potential changes in the current amount authorised by the contract, including amortisation and prepayments. The EAD of a financial asset is its carrying amount net of amortisation ("amortised cost") at the time of default.

iii. Derivative financial instruments and hedging transactions

Under IFRS 9, a derivative is a financial instrument:

- whose value fluctuates according to changes in the rate or price of a product called the underlying;
- which requires little or no initial net investment;
- for which settlement is due at a future date.

This is a contract between two parties, a buyer and a seller, which fixes future cash flows based on those of an underlying asset.

In accordance with IFRS 9, derivatives are recognised at fair value through profit or loss, except in the case of effective hedging instruments. In this case, the methods for recognising gains or losses will depend on the hedging relationship to which the derivative is attached.

Derivatives classified as hedges are those that comply, from the inception of the hedging relationship and throughout its term, with the conditions required by IFRS 9, in particular the formal documentation of the existence of an effective hedging relationship between the derivative instruments and the hedged items, on a prospective basis.

- For derivatives concluded as part of a fair value hedge, changes in fair value are systematically recognised in full in the income statement. These changes are partly offset by changes in the fair value of the hedged items (measured at fair value for the portion of risk hedged), which are also recognised in the income statement. The net impact on the income statement is therefore limited to the ineffective portion of the hedge.
- For derivatives designated as cash flow hedges, changes in fair value are recognised in shareholders' equity for the effective portion of the hedge, and in the income statement for the ineffective portion.

Derivative instruments are used for hedging purposes, more specifically foreign exchange hedging, interest rate hedging and fair value hedging of equities in mutual fund portfolios. The Company does not engage in hedging transactions within the meaning of IFRS 9. The instruments used are recognised at fair value through profit or loss.

iv. Cash and cash equivalents

Cash includes all bank accounts and sight deposits. Cash equivalents include money market funds with maturities of less than three months.

4.6 Financial assets under IAS 39, applicable until 31 December 2022

Excluding factoring activities, the Group classifies its financial assets according to IAS 39 categories.

The Group classifies its financial assets into the following categories: available-for-sale assets, assets held for trading, held-to-maturity investments, assets at fair value through profit or loss, and loans and other receivables. Coface recognises financial assets at the date on which they are traded.

Available-for-sale assets (AFS)

Available-for-sale assets are recognised at fair value plus transaction costs directly attributable to the acquisition (hereafter referred to as the purchase price). The difference between the fair value of the securities at the balance sheet date and their purchase price (less actuarial amortisation in the case of debt instruments) is recorded under "Available-for-sale assets", with a corresponding entry to the revaluation reserve with no impact on income. This item includes equity securities.

Assets held for trading

Assets held for trading are recognised at fair value at the balance sheet date. Changes in the fair value of securities held for trading during the period are recognised in the income statement.

Held-to-maturity assets (HTM)

Held-to-maturity assets are recognised at amortised cost. Premiums and discounts are included in the calculation of amortised cost and are recognised in the income statement on an actuarial basis over the life of the financial asset.

Assets recognised at fair value through profit or loss

The accounting treatment is identical to that for securities held for trading.

Loans and receivables

This category includes receivables relating to cash deposits held by ceding companies as collateral for underwriting commitments. They are shown in the balance sheet at the amounts paid.

This category also includes non-derivative financial assets with fixed or determinable payments that are not quoted on an active market. They are recognised at amortised cost using the effective interest method.

Loans and receivables include short-term deposits with maturities of more than three months and less than 12 months from the date of purchase or deposit.

Fair value

Listed securities are measured at their market price on the balance sheet date. The fair value of unlisted securities is obtained by discounting future cash flows.

Impairment testing

Available-for-sale assets are tested for impairment at each balance sheet date. Where there is objective evidence that an available-for-sale asset is impaired, and a reduction in its fair value has previously been recognised directly in equity, the cumulative loss is removed from equity and recognised in the income statement under "Investment income net of management expenses".

The detection of an objective indication of impairment is the result of a multi-criteria analysis which, in the case of debt instruments in particular, calls for expert judgment.

Constituting an indication of impairment is:

- for debt instruments: a default in payment of interest or principal, the existence of a conciliation, warning or receivership procedure, the bankruptcy of the counterparty, and any other indicator testifying to a significant deterioration in the counterparty's financial situation, such as, for example, the identification of losses on completion through the application of a calculation model projecting discounted recoverable cash flows or following the performance of stress tests;
- for equity instruments (excluding unlisted investments): the existence of indications that the entity will not be able to recover all or part of its initial investment. In addition, an impairment test is systematically carried out for securities with an unrealised loss of more than 30%, or with an unrealised loss of more than six months. This test consists of a qualitative analysis based on various factors, such as an analysis of the share price over a given period, or on information relating to the issuer's situation. Where necessary, an impairment loss is recognised on the basis of the quoted market price at the balance sheet date. Irrespective of this analysis, an impairment loss is systematically recognised whenever the security shows an unrealised loss of more than 50% at the balance sheet date, or an unrealised loss of more than 24 months;
- for unlisted investments: an unrealised loss of more than 20% over a period of more than 18 months, or the occurrence of significant changes in the technological, market, economic or legal environment having an

unfavourable effect on the issuer, indicating that the amount of the investment in the equity instrument cannot be recovered.

If the fair value of an instrument classified as available-for-sale increases in a subsequent period, and if this increase can be objectively related to an event occurring after the impairment loss was recognised in the income statement, reversals of impairment losses of:

- equity instruments are not recognised in the income statement but in equity;
- debt instruments are recognised in the income statement in the amount of the impairment loss previously recognised.

Impairment losses recognised on equity instruments at interim reporting dates are recognised in the income statement and cannot be reversed until the securities are sold, in accordance with IFRIC 10.

Derivative financial instruments and hedging transactions

A derivative is a financial instrument (IAS 39):

- whose value fluctuates according to changes in the rate or price of a product called the underlying;
- which requires little or no initial net investment;
- for which settlement is due at a future date.

This is a contract between two parties, a buyer and a seller, which fixes future cash flows based on those of an underlying asset.

In accordance with IAS 39, derivatives are recognised at fair value through profit or loss, except in the case of effective hedging instruments. In this case, the methods for recognising gains or losses will depend on the hedging relationship to which the derivative is attached.

Derivatives classified as hedges are those that comply, from the inception of the hedging relationship and throughout its term, with the conditions required by IAS 39, in particular the formal documentation of the existence of an effective hedging relationship between the derivative instruments and the hedged items, on both a prospective and a retrospective basis. In this respect, hedging relationships are deemed to be effective when the ratio between actual changes in the value of the hedging item and the hedged item is between 80% and 125%.

- For derivatives concluded as part of a fair value hedge, changes in fair value are systematically recognised in full in the income statement. These changes are partly offset by changes in the fair value of the hedged items (measured at fair value for the portion of risk hedged), which are also recognised in the income statement. The net impact on the income statement is therefore limited to the ineffective portion of the hedge.
- For derivatives designated as cash flow hedges, changes in fair value are recognised in shareholders' equity for the effective portion of the hedge, and in the income statement for the ineffective portion.

Derivative instruments are used for hedging purposes, more specifically foreign exchange hedging, interest rate hedging and fair value hedging of equities in the Colombes fund portfolios. The Company does not engage in hedging transactions within the meaning of IAS 39. The instruments used are recognised at fair value through profit or loss.

Cash and cash equivalents

Cash includes all bank accounts and sight deposits. Cash equivalents include money market funds with maturities of less than three months.

4.7 Financing liabilities

This item concerns subordinated debt. On initial recognition, financial debt was measured at fair value, to which transaction costs directly attributable to the issuance of the debt were charged.

Costs directly attributable to debt issuance include fees and commissions paid to agents, advisors, brokers and other intermediaries, costs levied by regulatory agencies and stock exchanges, and transfer taxes and duties. They do not include debt redemption or issuance premiums, financing costs, internal administrative costs or head office expenses.

After initial measurement, debt is valued at amortised cost, determined using the effective interest rate (EIR) method. This amortised cost corresponds to:

- the amount of the initial measurement of the financial liability;
- minus principal repayments;
- plus or minus accumulated amortisation (calculated using the EIR method) and any discount or premium between the initial amount and the maturity amount.

Premiums and discounts are not included in the initial cost of a financial liability. However, they are included in the calculation of amortised cost and will therefore be recognised in the income statement on an actuarial basis over the term of the financial liability. Premiums and discounts thus modify the amortised cost of the financial liability as and when they are amortised.

4.8 Other activities

i. Service activity

IFRS 15 “Revenue from Contracts with Customers” applies to companies engaged in information sales and debt collection.

Revenue is recognised when the company has transferred the significant risks and rewards of ownership to the buyer, it is probable that the economic benefits will flow to the buyer, and the amount of revenue and costs incurred or to be incurred in respect of the transaction can be measured reliably.

ii. Factoring activity

Factoring receivables

Companies engaged in a factoring activity apply IFRS 9 “Financial Instruments” for the classification and measurement of factoring receivables. A financial instrument is a contract that gives rise to both a financial asset for one company (the contractual right to receive cash or another financial asset from another entity) and a financial liability or equity instrument for another company (the contractual obligation to deliver cash or a financial asset to another entity).

Trade receivables are classified as “loans and receivables”. After initial recognition at fair value, receivables are measured at amortised cost using the effective interest rate (EIR) method. The financing commission is spread over the term of the factoring operations, which is equivalent to including this commission in the EIR, given their short-term nature.

Factoring receivables are shown on the assets side of the balance sheet in the amount of all receivables outstanding at the balance sheet date. They are recognised at their face value, corresponding to the amount of invoices assigned, including all taxes, by members.

Two categories of provisions are recorded to reduce factoring receivables:

- impairment losses charged to the income statement (“cost of risk” item) when there is a probable risk of partial or total non-recovery
- impairment losses calculated on the basis of expected credit losses, also charged to the income statement (“cost of risk” item)

The methodology for calculating impairment (expected credit loss (ECL)) is identical to that used for impairment of financial assets (see 4.5 Financial assets under IFRS 9) and has been applicable to factoring activity since 1 January 2018.

The net carrying amount of factoring receivables is shown on the assets side of the consolidated balance sheet under "Receivables from banking and other activities".

Banking resources

This item includes:

- payables to banking sector companies; this item includes bank credit lines. They represent the refinancing of the factor of loans granted to members;
- payables to customers of banking sector companies, i.e. factoring accounts payable. These include:
 - on the one hand, amounts credited to members' current accounts that have not been made available in advance by the factor; and
 - on the other hand, the holdbacks set up on each contract;
- financial debt represented by securities; this item includes subordinated loans and non-subordinated bonds. These borrowings are classified under "Resources from banking sector activities" as they are used to finance factoring activity.

All borrowings are initially recognised at fair value less direct transaction costs. After initial recognition, they are measured at amortised cost using the effective interest method.

4.9 Other published information: Consolidated revenue and overheads

i. Consolidated revenue

Although not required by IFRS17, the indicator of consolidated Group revenue including insurance, service and factoring revenue is maintained in the notes to the Group's consolidated financial statements.

Consolidated revenue now comprises:

- Insurance income (see "Insurance income" above);
- Income from other activities, including:
 - remuneration for services related to credit insurance contracts ("premium-related services" and "other related services"), corresponding to debtor information services, credit limit monitoring, debt management and collection;
 - remuneration for sales of access to business solvency information and marketing information services, and the sale of debt collection services from customers without credit insurance;
 - net income from banking activities, corresponding to income from factoring activities. This consists mainly of factoring commissions (received in respect of the management of factored receivables) and net financing commissions (financing margin, corresponding to the amount of financial interest received from factoring customers, less interest paid in respect of the refinancing of factoring debt). Premiums paid by factoring companies to insurance companies (to cover debtor and ceding company risk) are deducted from net banking income.

Consolidated revenue is tracked by country of invoicing (the country of invoicing being the country of the entity issuing the invoice for direct business, and the country of the ceding company for accepted business).

ii. Consolidated overheads

The Group's consolidated overheads indicator is also maintained in the notes to the consolidated financial statements.

Following the application of IFRS 17, they now consist of:

- overheads attributable to insurance contracts, mainly comprising acquisition commissions and other overheads attributable to insurance contracts;
- overheads not attributable to insurance policies;
- overheads relating to factoring activity, classified under “Banking operating expenses”;
- other operating expenses of companies with neither insurance nor factoring activities, classified under “Other operating expenses”.

4.10 Other operating income and expenses

In accordance with ANC recommendation No 2013-03, the “Other operating income” and “Other operating expenses” headings are added only when a major event occurring during the accounting period is such as to distort the reading of the company’s performance. This concerns a very limited number of unusual, abnormal and infrequent items of income or expense – of particularly significant amount – which Coface wishes to present separately in the income statement to facilitate understanding of current operating performance and to enable better period-on-period comparability, in accordance with the Conceptual Framework principle of relevance of information.

Other operating income and other operating expenses are few in number, clearly identified, non-recurring and significant in terms of consolidated performance.

4.11 Intangible assets and goodwill

i. Intangible assets

Coface capitalises development costs when the following conditions are met:

- the technical feasibility of completing the intangible asset so that it can be used or sold;
- its intention to complete the intangible asset and use or sell it;
- its ability to use or sell it;
- how the asset will generate probable future economic benefits;
- the current or future availability of the resources needed to carry out the project;
- its ability to reliably measure expenses related to this asset.

Development costs and internally generated software are amortised over their useful life, which may not exceed 15 years.

ii. Goodwill

Under IFRS 3 (revised), the Group measures goodwill at the acquisition date as follows:

- the fair value of the consideration transferred;
- plus the amount recognised for any non-controlling interest in the acquired business;
- plus, if the business combination is achieved in stages, the fair value of any interest previously held in the acquired company;
- less the net amount recognised (generally at fair value) in respect of identifiable assets acquired and liabilities assumed.

Where the difference is negative, a gain on acquisition on advantageous terms is recognised immediately in the income statement.

If new information leads to a reassessment, within 12 months of entry into the scope of consolidation, of the values established at the time of entry into the consolidated balance sheet, these values are modified. This automatically results in a change in the gross value of goodwill.

Goodwill is allocated, at the acquisition date, to one or more groups of cash-generating units (CGUs) likely to derive benefits from the acquisition. Goodwill is not amortised, but is tested for impairment annually, or whenever events or circumstances indicate that it might be impaired (IAS 36.10). Impairment testing is carried out by comparing the net carrying value of the CGU group (including goodwill) with its recoverable amount, corresponding to the higher of fair value less costs to sell and value in use as determined by discounting future cash flows.

Testing on goodwill and intangible assets

In accordance with IAS 36, impairment tests are carried out by grouping strategic entities within the Coface Group's scope of consolidation into CGUs.

A CGU group is the smallest identifiable group of assets generating cash inflows that are largely independent of the cash inflows generated by other groups of assets (other CGUs). IAS 36.80 stipulates that goodwill arising on a business combination must be allocated, from the date of the combination, to the acquiring company's CGU groups, or to the CGU groups that are expected to benefit from the synergies arising from the transaction.

The Coface Group has identified CGU groups that reflect the breakdown used by management in its operational management.

The seven CGU groups are as follows:

- Northern Europe;
- Western Europe;
- Central Europe;
- Mediterranean and Africa;
- North America;
- Latin America;
- Asia Pacific.

CGU group valuation method and goodwill impairment testing

Existing goodwill is allocated to each CGU group so that it can be tested. Impairment tests are performed whenever an objective indicator of impairment points to the existence of such a risk, and in any event at least once a year.

The goodwill impairment test is therefore performed by testing the CGU group to which the goodwill has been allocated.

If the carrying amount of the CGU group exceeds its recoverable amount, the corresponding impairment loss is recognised:

- primarily by writing down goodwill (with no possibility of subsequent reversal);
- then by reducing the value of the other assets in the CGU group in proportion to the respective value of each asset.

The recoverable amount is determined by discounting future cash flows.

Method used to value entities

Value in use: discounted free cash flows

Expected cash flows are based on three-year business plans prepared by the operating entities as part of the budget process and validated by Coface Group management.

These forecasts are based on the past performance of each entity and take into account Coface's development assumptions in its various business lines. Coface establishes cash flow projections beyond the period covered by the budgets by extrapolating cash flows over two additional years.

The assumptions made in terms of growth rates, margins or cost and claims ratios take into account the entity's maturity, business history, market outlook and the country in which it operates.

Coface calculates a discount rate and a perpetual growth rate for the measurement of all companies.

Fair value

According to this approach, which is used for information purposes only, Coface values its companies by applying multiples based on net income, sales for service companies, and net asset value (NAV) for insurance and factoring companies. The reference multiples are derived from stock market comparables or recent transactions, so as to take full account of the market valuation of assets.

The multiple valuation is obtained by averaging the net income multiple, the sales multiple for service companies, and the NAV multiple for insurance and factoring companies.

4.12 Property, plant and equipment

Property, plant and equipment are valued at acquisition cost, less accumulated depreciation and any impairment losses. Operating property is made up of components with different useful lives; these components are recognised separately and depreciated on a straight-line basis according to their useful life.

Coface Group has identified the following components:

Land	Non-amortisable
Enclosed or covered structure	Amortised over 30 years
Technical equipment	Amortised over 15 years
Interior fittings	Amortised over 10 years

Real estate assets financed through finance leases are presented in the consolidated financial statements as if they had been acquired directly through financial debt.

If the market value of the property is lower than the net carrying value, an impairment loss is recognised.

4.13 Employee benefits

i. Provisions for pensions and other employee benefits

The employees of Coface in a number of countries are entitled to short-term benefits (such as annual paid leave), long-term benefits (such as long-service awards) and post-employment benefits (such as statutory retirement benefits).

Short-term benefits are considered as liabilities in the accounts of the various Coface companies granting them. Other benefits (long-term benefits and post-employment benefits) are subject to various coverage arrangements as defined below:

- Defined contribution schemes (or plans): these are characterised by payments to agencies releasing the employer from any subsequent obligation, with the agency taking charge of paying to employees the amounts due to them. These are generally public pension schemes based on the same model as those in France;
- Defined benefit schemes (or plans) for which the employer has an obligation towards its employees.

In accordance with IAS 19, Coface shows in its balance sheet the amount corresponding to its commitments mainly in terms of:

- allowances and pre-retirement paid leave;
- early retirement and supplementary pension payments;
- employer contributions to be paid into post-employment health insurance schemes;
- long-service awards.

On the basis of the internal regulations for each scheme and in each of the countries concerned, independent actuaries calculate:

- the present value of future benefits, corresponding to the present-day value of all benefits to be paid out. This present-day value is mainly based on:
 - the known characteristics of the population concerned;
 - the benefits to be paid out (end-of-career allowances, long-service awards, etc.);
 - the probabilities of occurrence of each event;
 - the evaluation of each of the factors entering into calculation of the benefits (changes in salaries, etc.);
 - the interest rates making it possible to work out future benefits at the date of the evaluation;
- the actuarial value of benefits related to service cost (including the impact of future salary increases), determined using the projected unit credit method which spreads the actuarial value of benefits evenly over the expected average remaining working lives of the employees participating in the plan.

ii. Stock options

Under IFRS 2 “Share-based Payment”, which notably defines the measurement and recognition of stock options, options are measured at the grant date. For this purpose, the Group applies the Black & Scholes valuation model. Changes in value subsequent to the grant date have no impact on this initial valuation.

The value of the options depends on their expected life, which the Group considers to correspond to their period of unavailability for tax purposes. This value is recognised in personnel costs on a straight-line basis from the grant date, over the vesting period, with a corresponding adjustment to shareholders’ equity.

In connection with its IPO, the Coface Group granted certain beneficiaries (employees of Coface SA subsidiaries) bonus shares (see note 9).

In accordance with IFRS 2, only plans granted after 7 November 2002 and not yet vested as at 1 January 2005 have been measured and recognised in employee personnel expenses.

4.14 Taxes

The tax expense comprises current and deferred tax.

i. Current tax

Current tax is calculated in accordance with the tax laws in force in each country where the results are taxable.

The parent company Coface SA and its French subsidiaries over 95% owned (Compagnie française d’assurance pour le commerce extérieur, Cofinpar, Cogeri and Fimipar) have been consolidating their tax results via a tax consolidation regime since 2015.

ii. Deferred tax

Deferred tax is recognised for temporal differences between the values of assets and liabilities in the consolidated financial statements and those used to determine taxable income.

Deferred tax liabilities and receivables are calculated using the tax rate that will be in force on the probable date of reversal of the differences concerned; or, failing this, using the tax rate in force on the balance sheet date.

Deferred tax assets are recognised only if it is probable that future taxable profits will be available to absorb the temporary differences and tax loss carryforwards within a reasonable timeframe.

Current and deferred tax assets and liabilities are offset only if certain criteria are met.

iii. New “GloBE Rules” or “Pillar 2”

The “Global rules to combat tax base erosion” (commonly referred to as “GloBE Rules” or “Pillar 2”), defined at international level by the OECD/G20 Inclusive Framework and whose implementation is required in France by Council Directive (EU) 2022/2523 of 15 December 2022 and transposed into French law by the Finance Act of 29 December 2023 (2023-13-22), are intended to guarantee effective taxation of 15%, assessed by jurisdiction, for groups of companies with revenue of at least €750 million.

To this end, these groups must determine, in each jurisdiction in which they operate, their GloBE effective tax rate (which is calculated on the basis of a common definition of taxes covered and a tax base determined by reference to accounting income restated on a uniform international basis) and, if this turns out to be lower than the minimum rate, pay an additional tax.

The additional tax will be levied through the income inclusion rule (for periods beginning on or after 31 December 2023, in practice 1 January 2024). Consequently, these new GloBE Rules have no accounting impact on the Group’s financial statements as at 31 December 2023.

Amendments to IAS 12 – International tax reform – Model Pillar rules

In the Group’s financial statements as at 31 December 2023, no deferred tax relating to Pillar 2 is recorded following application of the mandatory temporary exemption introduced by the amendment to IAS 12. The amendment to IAS 12 was published by the IASB on 23 May 2023, adopted by the EU on 8 November 2023 and is applicable on or after 1 January 2023.

As at 31 December 2023, it is estimated that around 10 countries out of a total of 57 in which Coface operates will not benefit from the safeguard measures.

For these jurisdictions, the overall impact of the additional GloBE tax as at 31 December 2023 is not material for the Group.

4.15 Leases

Under IFRS 16, the definition of a lease requires both the identification of an asset and control by the lessee of the right to use that asset. Control is established when the lessee holds both of the following rights throughout the lease term:

- The right to obtain substantially all the economic benefits arising from the use of the asset;
- The right to decide on the use of the property.

Coface only operates as a lessee. For the latter, the standard requires all leases to be recognised on the balance sheet in the form of a right of use over the leased asset, recorded under fixed assets, and a financial liability to be recognised under liabilities in respect of lease payments and other payments to be made over the lease term. Coface makes use of the exemptions provided for in the standard, leaving unchanged the accounting treatment of leases of short duration (less than 12 months) or involving low-value underlying assets (less than US\$5,000).

The right of use is amortised on a straight-line basis, and the financial liability is amortised on an actuarial basis over the lease term. The interest expense on the financial debt and the amortisation expense on the right of use are recorded separately in the income statement.

4.16 Provisions

Under IAS 37 “Provisions, Contingent Liabilities and Contingent Assets”, a provision is recognised at the balance sheet date when there is a present obligation as a result of a past event towards a third party at that date, and if it is probable or certain, at the balance sheet date, that it will result in an outflow of resources to third parties, representing the economic benefits required to settle the obligation and a reliable estimate of the amount of the obligation.

They are discounted if the impact is significant.

Provisions for liabilities and charges include provisions for tax risks (excluding income tax), for disputes with third parties and for vacant premises. These provisions are reviewed at each balance sheet date.

The provision for vacant premises is calculated by taking into account the future rents that the company is committed to paying until the end of the lease, less any future income expected from subletting.

4.17 Related parties

A related party is a person or entity that is related to the entity preparing its financial statements (referred to as the “reporting entity” in IAS 24).

4.18 Significant judgments and estimates

i. Summary of the main balance sheet items

The main balance sheet items for which estimates are provided by management are shown in the table below:

Estimate	Note(s)	Nature of information requested
Goodwill impairment	1	An impairment loss is recognised when the recoverable amount, determined as the higher of value in use and fair value, is less than the carrying amount. The value in use of cash-generating units is determined on the basis of assumptions concerning the cost of capital, long-term growth rates and the loss ratio.
Impairment of factoring receivables	4	Impairment losses on factoring receivables include a portion calculated on the basis of expected credit losses (IFRS 9)
Provision for earned premiums not written (component of provision for remaining LRC cover)	17	Established on the basis of an estimate of expected premiums for the period, less premiums recognised.
Provision for premium refunds (component of provision for remaining cover or LRC)	17; 22	Established on the basis of an estimate of the amount of premium refunds to be paid to policyholders under the terms of the contract taken out.
Estimate of future cash flows (component of the provision for claims incurred or LIC); see section below	15; 38	Calculated on a statistical basis corresponding to the best estimate of the final amount of claims that will be settled after extinction of the risk and after any recovery action.
Adjustment for non-financial risk (component of the provision for claims incurred or LIC); see section below	15; 38	Determined in order to reflect the compensation the Group would require to bear the non-financial risk and its degree of risk aversion. Determined using the confidence level technique.
Pension commitments	14	Under IAS 19, pension commitments are valued actuarially on the basis of the Group’s assumptions.

ii. Insurance technical provisions

The contracts managed by the Coface Group's insurance subsidiaries meet the definitions of insurance contracts set out in the new IFRS 17 standard, and are therefore measured and recognised in accordance with this standard and the Group accounting policies described above.

The establishment of insurance technical reserves requires the Coface Group to make estimates, essentially based on assumptions about changes in factors relating to the insured and its debtor as well as their economic, financial, social, regulatory or political environment, which may differ from subsequent observations, particularly if they affect the Coface Group's main portfolios simultaneously. The use of these assumptions implies a high degree of judgment on the part of the Coface Group, which could affect the level of provisioning and consequently have a material adverse effect on the Coface Group's financial position, results of operations or solvency margin.

Estimates of future cash flows

In estimating future cash flows, the Group impartially integrates all reasonable and justifiable information that is available without excessive cost or effort at the balance sheet date. This information includes internal and external historical data on claims and other experience, updated to reflect current expectations of future events.

Estimates of future cash flows, or best estimates, are calculated mainly on the basis of the granularity of the contract group, but the provisioning segment may be more precise if necessary. The usual actuarial methodologies are used (Bornhuetter-Ferguson method for the last two attachment years and Chain Ladder method for previous years). Details by entity are calculated using an allocation process.

Future best estimates reflect the Group's opinion of current conditions at the balance sheet date, insofar as estimates of any relevant market variables are consistent with observable market prices.

When making best estimates, the Group takes into account current expectations of future events that could affect these cash flows. However, expectations of future changes in legislation that would modify or release a current obligation, or create new obligations under existing contracts, are not taken into account until the change in legislation is actually enacted.

Cash flows within the boundaries of a contract are those directly linked to the execution of the contract, including those for which the Group has discretionary power over their amount or timing. They include payments to policyholders (or on their behalf), cash flows relating to the acquisition of insurance and other costs incurred in the performance of contracts. Cash flows linked to the acquisition of insurance and other costs incurred in the performance of contracts include both direct costs and the allocation of fixed and variable overheads.

Overheads are allocated to acquisition activities, other fulfilment activities and other activities at local entity level using activity-based costing techniques. Cash flows attributable to acquisition and other fulfilment activities are allocated to groups of contracts using systematic and rational methods that are applied consistently to all costs with similar characteristics.

The Group applies the PAA to all reinsurance portfolios. As such, the best estimate of ceded reinsurance treaties is calculated by applying the terms and conditions of the reinsurance treaties to the best estimate of the insurance treaties issued. The best estimate must also include the effect of the risk of non-performance on the part of the issuer of the reinsurance treaty, which Coface considers to be immaterial.

Discount rate

The Group uses the bottom-up approach to determine discount curves. This approach consists of determining discount rates by adjusting a yield curve without adjusting for volatility, to reflect the differences between the liquidity characteristics of the financial instruments underlying the rates observed on the market and the liquidity characteristics of the insurance.

The Group uses the Eiopa risk-free yield curve:⁶

Maturity	1 year		2 years		5 years		10 years	
Year	2023.12	2022.12	2023.12	2022.12	2023.12	2022.12	2023.12	2022.12
EUR	3.357%	2.704%	2.69%	2.712%	2.323%	2.556%	2.393%	2.503%
USD	4.76%	5.073%	4.056%	4.605%	3.499%	3.708%	3.449%	3.491%
HKD	4.285%	5.269%	3.734%	4.865%	3.276%	4.129%	3.286%	3.887%
GBP	4.735%	4.37%	4.021%	4.368%	3.355%	3.826%	3.284%	3.329%

Adjustment for non-financial risk

The non-financial risk adjustment is determined to reflect the compensation the Group would require to bear the non-financial risk and its degree of risk aversion.

The adjustment for non-financial risk is determined using the confidence level technique. The Group applies this technique to the gross amount and calculates the amount of risk transferred to the reinsurer by applying the terms and conditions of the reinsurance treaties.

By applying the confidence level technique, the Group estimates the probability distribution of the expected present value of future cash flows of contracts at each reporting date and calculates the adjustment for non-financial risk as the excess of the value at risk at the target confidence level over the expected present value of future cash flows, taking into account the associated risks over all future years.

The adjustment for non-financial risk is based on a confidence level approach with a probability level between 90% and 95%.

The Group allocates the change in the non-financial risk adjustment between income from insurance activities and financial income or expense from insurance activities.

iii. Financial assets

Similarly, for some of the Coface Group's financial assets for which there is no active market or where observable values are limited or unrepresentative, fair value is measured using valuation techniques based on methodologies or models using assumptions or assessments that involve a significant degree of judgment.

It cannot be guaranteed that fair value estimates based on such valuation techniques represent the price at which a security may ultimately be disposed of or at which it may be disposed of at a specific time.

Assessments and estimates are revised when conditions change or when new information becomes available.

In light of this information and in accordance with the accounting principles and methods described in the consolidated financial statements, the Coface Group's management regularly analyses, assesses and arbitrates, at its discretion, the causes of any decline in the estimated fair value of securities, the prospects for their recovery in the short term and the level of impairment provisions deemed appropriate.

It cannot be guaranteed that any impairment losses or additional provisions recognised will not have a material adverse effect on the Group's results, financial position and solvency margin.

⁶ Eiopa: European Insurance and Occupational Pensions Authority. The discounting curve does not include illiquidity premiums, as the impact is deemed insignificant for the Group. At 31 December 2022, the curve used was that at end-November 2022. At 31 December 2023, the curve was that at end-December 2023.

5. Standards and amendments published but not yet effective

The new standards are effective for annual periods beginning after 1 January 2023, and early adoption is permitted. However, the Group has not adopted the new standards early in preparing its consolidated financial statements.

Note 1. Goodwill

The change in goodwill decreased by €651 thousand at December 31, 2023; This decrease is due to the change in exchange rates.

Breakdown of goodwill by region :

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Northern Europe	112,603	112,603
Western Europe	5,068	5,068
Central Europe	8,951	8,913
Mediterranean & Africa	22,389	22,868
North America & Latin America	6,298	6,508
TOTAL	155,309	155,960

Impairment testing methods

Goodwill and shares in subsidiaries were tested for impairment losses at December 31, 2023. Coface performed the tests by comparing the value in use of the groups of cash-generating units (CGU) to which goodwill was allocated with their carrying amounts.

The value in use corresponds to the present value of the future cash flows expected to be generated by an asset or a CGU. This value is determined using the *discounted cash flows* method, based on the three-year business plan drawn up by subsidiaries and validated by Management. Cash flows are extrapolated for an additional two years using target *loss* and *cost ratios*. Beyond this five-year period, the terminal value is calculated by projecting the final year cash flows to perpetuity.

The main assumptions used to estimate the value in use of the groups of CGUs are a long-term growth rate of 2.0% for all entities and the weighted average cost of capital.

The table below summarizes the key assumptions used for goodwill impairment testing at December 31, 2023:

<i>(in millions of euros)</i>	Northern Europe	Western Europe	Central Europe	Mediterranean and Africa	North America
Cost of capital	9,4%	9,4%	9,4%	9,4%	9,4%
Perpetual growth rate	2,0%	2,0%	2,0%	2,0%	2,0%
Contribution to consolidated net asset	419,2	538,6	117,3	362,7	103,3

The assumptions used in December 2022 were:

<i>(in millions of euros)</i>	Northern Europe	Western Europe	Central Europe	Mediterranean and Africa	North America
Cost of capital	10,2%	10,2%	10,2%	10,2%	10,2%
Perpetual growth rate	2,0%	2,0%	2,0%	2,0%	2,0%
Contribution to consolidated net assets	481,2	521,5	104,6	337,1	94,9

Sensitivity analysis on valuations

Sensitivity analysis were performed on the valuations established for impairment testing. The following factors have been used:

- long-term growth rate sensitivity: the impairment tests were stressed for a 0.5-point decrease in the perpetual growth rate applied. The analysis showed that such a 0.5-point decrease would not have any impact on the outcome of the impairment tests and therefore on the Group's consolidated financial statements for the semester ended December 31, 2023;
- cost of capital sensitivity: the impairment tests were stressed for a 0.5-point increase in the cost of capital applied. The analysis showed that such a 0.5-point increase would not have any impact on the outcome of the impairment tests and therefore on the Group's consolidated financial statements for the semester ended December 31, 2023;
- cost and loss ratios sensitivities for the last two years of the business plan (2027 and 2028): The analysis showed that such a 1 at 2-point decrease would not have any impact on the outcome of the impairment tests and therefore on the Group's consolidated financial statements for the semester ended December 31, 2023;

CGUs valuations sensitivity to selected assumptions is shown in the following table:

Outcome of impairment tests

	Northern Europe	Western Europe	Central Europe	Mediterranean and Africa	North America
<i>(in millions of euros)</i>					
Contribution to consolidated net assets (1)	419,2	538,6	117,3	362,7	103,3
Value in use of CGU	1 010,5	1 117,7	388,5	934,0	204,2
Sensitivity: Long-term growth rate -0.5 point (2)	973,0	1 073,1	374,4	900,8	196,2
Sensitivity: WACC +0.5 point (2)	959,6	1 058,3	370,0	888,3	193,8
Sensitivity: Loss/ Cost Ratio 2028 +1 point (2)	989,4	1 020,1	395,6	899,2	186,6
Sensitivity: Loss/ Cost Ratio 2028 +2 points (2)	968,2	915,0	382,3	864,0	168,9

(1) The contribution to the consolidated Group's net assets corresponds to the book value

(2) Sensitivity analysis were performed on the value in use of each CGU

Note 2. Other intangible assets

<i>(in thousand \$D\$ of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
	Net value	Net value
Development costs and software	81,740	79,998
Purchased goodwill	2,383	2,480
Other intangible assets	282	397
TOTAL	84,405	82,876

<i>(in thousands of euros)</i>	DEC. 31, 2023		
	Gross amount	Amortisation and impairment	Net value
Development costs and software	262,961	(181,221)	81,740
Purchased goodwill	3,965	(1,582)	2,383
Other intangible assets	2,843	(2,561)	282
TOTAL	269,769	(185,364)	84,405

<i>(in thousands of euros)</i>	DEC. 31, 2022		
	Gross amount	Amortisation and impairment	Net value
Development costs and software	260,160	(180,162)	79,998
Purchased goodwill	4,119	(1,639)	2,480
Other intangible assets	2,816	(2,419)	397
TOTAL	267,095	(184,219)	82,876

The Group's intangible assets consist mainly of development costs (on several IT projects).

These investments amounted to €20.5 million in 2023 financial year compared to €24.0 million in 2022 financial year.

Change in the gross amount of intangible assets

<i>(in thousands of euros)</i>	DEC. 31, 2022	Scope entry	Increases	Decreases	Currency translation	DEC. 31, 2023
Development costs and software	260,160	6	22,215	(17,745)	(1,876)	262,961
Purchased goodwill	4,119	(0)	(0)	(0)	(154)	3,965
Other intangible assets	2,816	(0)	132	(64)	(41)	2,843
TOTAL	267,095	6	22,347	(17,809)	(1,871)	269,769

<i>(in thousands of euros)</i>	Dec. 31, 2019	Scope entry	Increases	Decreases	Currency translation	DEC. 31, 2022
Development costs and software	236,567	1	25,627	(233)	(1,741)	260,160
Purchased goodwill	4,072	(0)	(0)	(0)	47	4,119
Other intangible assets	2,930	(0)	50	(5)	7	2,816
TOTAL	243,569	1	25,677	(238)	(1,687)	267,095

Change in accumulated amortisation and impairment of intangible assets

<i>(in thousands of euros)</i>	DEC. 31, 2022	Scope entry	Additions	Reversals	Currency translation variation and other	DEC. 31, 2023
Accumulated amortization - development costs and software	(180,017)	(4)	(19,976)	17,716	1,196	(181,065)
Accumulated impairment - development costs and software	(143)	(0)	(0)	(0)	9	(134)
Total amortization and impairment - development costs and software	(180,160)	(4)	(19,976)	17,716	1,205	(181,221)
Accumulated amortization - purchased goodwill	(1,639)	-	(0)	(0)	57	(1,582)
Accumulated impairment - purchased goodwill	(0)	-	(0)	(0)	(0)	(0)
Total amortization and impairment - purchased goodwill	(1,639)	(0)	(0)	(0)	57	(1,582)
Accumulated amortization - other intangible assets	(2,419)	-	(234)	50	45	(2,558)
Accumulated impairment - other intangible assets	(0)	-	(0)	(0)	(2)	(2)
Total amortization and impairment - other intangible assets	(2,419)	(0)	(234)	50	43	(2,561)
TOTAL	(184,218)	(4)	(20,210)	17,766	1,305	(185,364)

Note 3. Insurance business investments

Analysis by category

At December 31, 2023, the carrying amount of Fair value through OCI (FVOCI) securities amounted to € 2 367 millions, securities Amortized cost securities (excluding loans and receivables) came to € 3 millions and Fair value through Profit or loss (FVTPL) securities was € 828 millions.

As an insurance group, Coface's investment allocation is heavily weighted towards fixed-income instruments, guaranteeing it recurring and stable income.

The distribution of the bonds portfolio by rating at December 31, 2023 was as follows:

- Bonds rated "AAA": 10%
- Bonds rated "AA" and "A": 55%
- Bonds rated "BBB": 31%
- Bonds rated "BB" and lower: 4%.

(in thousands of euros)	DEC. 31, 2023						DEC. 31, 2022					
	Amortized cost	Impairment	Revaluation	Net value	Fair value	Unrealized gains and losses	Amortized cost	Depreciation	Revaluation	Net value	Fair value	Unrealized gains and losses
Fair Value OCI (*)	2,447,874	(291)	(79,375)	2,367,309	2,367,309	(0)	3,024,417	(38,576)	(83,436)	2,902,405	2,902,405	(0)
Bonds and government securities	2,332,159	(391)	(86,436)	2,245,332	2,245,332		2,974,201	(38,576)	(151,105)	2,784,520	2,784,520	
Equities and other variable-income securities	50,178		(2,795)	47,382	47,382		50,210		67,989	117,885	117,885	
Equities at FV OCI not recyclable	64,737		9,857	74,594	74,594							
Shares in non-trading property companies												
Amortized cost	143,211	(0)	(0)	143,211	142,988	(223)	102,088	(0)	(0)	102,088	102,088	(0)
Bonds and government securities	3,047			3,047	2,824	(223)	1,842			1,842	1,842	
Loans and receivables	140,164			140,164	140,164		100,246			100,246	100,246	
Fair Value Profit or Loss	851,556	(0)	(23,502)	827,903	827,903	(0)	26	(0)	(0)	26	26	(0)
Debt	23,240		(2,101)	21,145	21,145							
Equities and other variable-income securities	5,858		(7)	5,851	5,851							
Shares in non-trading property companies	206,653		(20,721)	179,932	179,932							
UCIT	615,798		5,178	620,976	620,675		26			26	26	
Loans and receivables												
Derivatives	(0)		2,402	2,402	2,402	(0)	(0)		10,330	10,330	10,330	(0)
Derivatives positive fair value			2,402	2,402	2,402				10,330	10,330	10,330	
Investment property	695	(0)	(407)	288	288	(0)	695	(0)	(407)	288	288	(0)
TOTAL	3,442,836	(291)	(101,833)	3,341,112	3,340,689	(223)	3,127,227	(38,576)	(73,514)	3,015,136	3,015,136	(0)

(*) Other Comprehensive income, equity

(in thousands of euros)	N	N-1
Derivatives positive fair value (Assets)	2,402	10,330
Derivatives negative fair value (Liabilities)	27	222
TOTAL	2,374	10,108

Analysis by flows

(in thousands of euros)	DEC. 31, 2022		DEC. 31, 2023						
	Carrying amount closing	Impacts related to the first IFRS9 application	Carrying amount opening	Increases	Decreases	Revaluation	Impairment	Other movements	Carrying amount closing
Fair Value OCI	2,902,405	(500,763)	2,401,642	216,037	(289,989)	39,558	24	36	2,367,309
Bonds and government securities	2,784,520	(545,470)	2,239,050	214,828	(259,968)	63,196	24	(11,797)	2,245,332
Equities and other variable-income securities	117,885	(32,596)	85,289	1,209	(12,841)			11,834	47,382
Equities at FV OCI not recyclable		77,303	77,303		(17,179)	14,470			74,594
Shares in non-trading property companies									
Amortized cost	102,088	1,212	103,300	122,333	(82,336)	(0)	(0)	(85)	143,211
Bonds and government securities	1,842	1,212	3,054		(7)				3,047
Loans and receivables	100,246		100,246	122,333	(82,329)			(85)	140,164
Fair Value Profit Loss	26	499,766	499,793	417,733	(52,733)	(21,677)	(0)	(15,213)	827,903
Bonds and government securities		23,079	23,079	712	(3,743)	1,287		(190)	21,145
Equities and other variable-income securities		5,851	5,851						5,851
Shares in non-trading property companies		219,742	219,742		(8,655)	(28,892)		(2,263)	179,932
UCIT	26	251,095	251,121	417,021	(40,335)	5,928		(12,760)	820,975
Loans and receivables									
Derivatives (positive fair value)	10,330	(0)	10,330	(0)	(8,134)	(0)		206	2,402
Derivatives positive fair value	10,330		10,330		(8,134)			206	2,402
Investment property	288	(0)	288	(0)	(0)	(0)	(0)	(0)	288
TOTAL	3,015,136	216	3,015,352	756,103	(433,191)	17,881	24	(15,057)	3,341,112

The not recyclable shares at fair value by OCI in the Fonds Lausanne 6 portfolio were totally sold in January 2023. These shares were valued at the fair value by OCI non-recyclable because were not hold of a short term performance but for a long term holding period. These are 26 shares valued for €16.8 million at the time of the sale and acquired for €16.1 million. A capital gain of €680k was realized. This fund was placed into dormancy because it was paying administrative and management fees that were too high to ensure the profitability of the envelope. This sell remains exceptional; the other shares within the funds are still hold in long-term intention.

Financial investments and ECL by buckets

The table below shows the assets concerned by the buckets classification.

(in thousands of euros) Gross of provision	Balance sheet value	Bucket 1	Bucket 2	Bucket 3
FV OCI R - Debt instruments	2,245,723	2,224,000	21,723	(0)
Amortized cost - Debt instruments	3,047	3,047	(0)	(0)
Amortized cost - Loans and receivables	140,164	140,164	(0)	(0)
Total as at DEC. 31, 2023	2,388,934	2,367,211	21,723	(0)

(in thousands of euros) Provision	Balance sheet value	Bucket 1	Bucket 2	Bucket 3
FV OCI R - Debt instruments	(391)	(309)	(82)	(0)
Amortized cost - Debt instruments	(0)	(0)	(0)	(0)
Amortized cost - Loans and receivables	(0)	(0)	(0)	(0)
Total as at DEC. 31, 2023	(391)	(309)	(82)	(0)

(in thousands of euros) Net of provision	Balance sheet value	Bucket 1	Bucket 2	Bucket 3
FV OCI R - Debt instruments	2,245,332	2,223,691	21,641	(0)
Amortized cost - Debt instruments	3,047	3,047	(0)	(0)
Amortized cost - Loans and receivables	140,164	140,164	(0)	(0)
Total as at DEC. 31, 2023	2,388,543	2,366,902	21,641	(0)

Transfer of buckets (Closing positions)

Bucket 1	Carrying amount Y-1	Securities acquired during the period	Transfer towards B2	Transfer towards B3	Securities sold / redeemed during the year	Revaluation	FX impacts & Other variations	Carrying amount Y
Debt instruments at fair value by OCI R	2,200,667	214,177	4,368	(0)	(246,833)	60,666	(9,264)	2,224,000
- Bonds and government securities	2,200,667	214,177	4,368	(0)	(246,833)	60,666	(9,264)	2,224,000
Debt instruments at amortized cost	163,360	122,333	(0)	(0)	(82,336)	(0)	(85)	143,211
- Bonds and government securities	3,054	(0)	(0)	(0)	(7)	(0)	(8)	3,047
- Loans and receivables	160,246	122,333	(0)	(0)	(82,329)	(0)	(85)	140,164

Bucket 2	Carrying amount Y-1	Securities acquired during the period	Transfer towards B1	Transfer towards B3	Securities sold / redeemed during the year	Revaluation	FX impacts & Other variations	Carrying amount Y
Debt instruments at fair value by OCI R	38,784	651	(4,368)	(0)	(13,135)	2,330	(2,540)	21,723
- Bonds and government securities	38,784	651	(4,368)	(0)	(13,135)	2,330	(2,540)	21,723
Debt instruments at amortized cost	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Bonds and government securities	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Loans and receivables	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Bucket 3	Carrying amount Y-1	Securities acquired during the period	Transfer towards B1	Transfer towards B2	Securities sold / redeemed during the year	Revaluation	FX impacts & Other variations	Carrying amount Y
Debt instruments at fair value by OCI R	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Bonds and government securities	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Debt instruments at amortized cost	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Bonds and government securities	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Loans and receivables	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Transfer of buckets (ECL)

Bucket 1	ECL Y-1	Securities acquired during the period	Transfer towards B2	Transfer towards B3	Securities sold / redeemed during the year	Other variations	ECL Y
Debt instruments at fair value by OCI R	(318)	(311)	4	(0)	312	8	(309)
- Bonds and government securities	(318)	(311)	4	(0)	312	8	(309)
Debt instruments at amortized cost	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Bonds and government securities	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Loans and receivables	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Bucket 2	ECL Y-1	Securities acquired during the period	Transfer towards B1	Transfer towards B3	Securities sold / redeemed during the year	Other variations	ECL Y
Debt instruments at fair value by OCI R	(103)	(79)	(4)	(0)	102	(1)	(82)
- Bonds and government securities	(103)	(79)	(4)	(0)	102	(1)	(82)
Debt instruments at amortized cost	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Bonds and government securities	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Loans and receivables	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Bucket 3	ECL Y-1	Securities acquired during the period	Transfer towards B1	Transfer towards B2	Securities sold / redeemed during the year	Other variations	ECL Y
Debt instruments at fair value by OCI R	(0)	1	(0)	(0)	(0)	(1)	(0)
- Bonds and government securities	(0)	1	(0)	(0)	(0)	(1)	(0)
Debt instruments at amortized cost	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Bonds and government securities	(0)	(0)	(0)	(0)	(0)	(0)	(0)
- Loans and receivables	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Derivatives

The structural use of derivatives is strictly limited to hedging. The notional amounts of the hedges therefore do not exceed the amounts of the underlying assets in the portfolio.

During the 2023 year, the majority of the derivative transactions carried out by the Group concerned the systematic hedging of currency risk via swaps or currency futures for primarily USD-denominated bonds held in the investment portfolio.

Regarding the bond portfolio, one-off interest rate hedges were put in place by certain managers in order to hedge risk.

None of these transactions qualified for hedge accounting under IFRS, as they were mainly currency transactions and partial market hedges.

Financial instruments recognised at fair value

The fair values of financial instruments recorded in the balance sheet are measured according to a hierarchy that categorises the inputs used to measure fair value into three levels as follows:

Level 1: Quoted prices in active markets for an identical financial instrument.

Level 1 securities represent 92.0% of the Group's portfolio. They correspond to:

- equities, bonds and government securities listed on organized markets, as well as units in dedicated mutual funds whose net asset value is calculated and published on a very regular basis;
- government bonds and bonds indexed to variable interest rates;
- French units in money-market funds, SICAV.

Level 2: Use of inputs, other than quoted prices for an identical instrument that are directly or indirectly observable in the market (inputs corroborated by the market such as yield curves, swap rates, multiples method, etc.).

Level 2 securities represent 6.6% of the Group's portfolio. This level is used for the following instruments:

- unlisted equities;
- Loans and receivables due from banks or clients and whose fair value is determined using the historical cost method.

Level 3: Valuation techniques based on unobservable inputs such as projections or internal data.

Level 3 securities represent 1.4% of the Group's portfolio. This level corresponds to unlisted equities, investment securities and units in dedicated mutual funds, as well as investment property.

Breakdown of financial instrument fair value measurements as at December 31, 2023 by level

(in thousands of euros)	Carrying amount	Fair value	Level 1	Level 2	Level 3
			Fair value determined based on quoted prices in active markets	Fair value determined based on valuation techniques that use observable inputs	Fair value determined based on valuation techniques that use unobservable inputs
Fair Value OCI	2,367,309	2,367,309	2,243,242	76,684	47,382
Bonds and government securities	2,245,332	2,245,332	2,168,648	76,684	
Equities and other variable-income securities	47,382	47,382			47,382
Equities at FV OCI not recyclable	74,594	74,594	74,594		
Shares in non-trading property companies					
Amortized cost	143,211	142,988	2,824	140,164	(0)
Bonds and government securities	3,047	2,824	2,824		
Loans and receivables	140,164	140,164		140,164	
Faire Value Profit Loss	827,903	827,903	826,027	1,876	(0)
Bonds and government securities	21,145	21,145	21,145		
Equities and other variable-income securities	5,851	5,851	5,851		
Shares in non-trading property companies	179,932	179,932	179,932		
UCIT	620,975	620,975	619,099	1,876	
Loans and receivables					
Derivatives (positive fair value)	2,402	2,402	2,402	(0)	(0)
Derivatives positive fair value	2,402	2,402	2,402	(0)	(0)
Investment property	288	288	(0)	(0)	288
TOTAL	3,341,112	3,340,889	3,074,495	218,724	47,670

Movements in Level 3 securities as at December 31, 2023

(in thousands of euros)	DEC. 31, 2022		Movements for the period						DEC. 31, 2023		
	Fair value	Impacts related to the first IFRS9 application	Balances recognized in the period		Transactions for the period		Other movements	Change in scope of consolidation		Exchange rate effects	
			JAN. 1, 2023		Purchases/issuance	Sales/Redemptions					
Fair Value OCI	117,885	(32,596)	85,289	(0)	(38,108)	(11,632)	(0)	1,041	10,049	743	47,382
Equities and other variable-income securities	117,885	(32,596)	85,289	(0)	(38,108)	(11,632)	(0)	1,041	10,049	743	47,382
Investment property	288	(0)	288	(0)	(0)	(0)	(0)	(0)	(0)	(0)	288
TOTAL	118,173	(0)	(0)	(0)	(38,108)	(11,632)	(0)	1,041	10,049	743	47,670

Note 4. Receivables arising from banking activities

Breakdown by nature

(in thousands of euros)	DEC. 31, 2023	DEC. 31, 2022
Receivables arising from banking sector	2,903,980	2,906,639
Non-performing receivables arising from banking sector	11,558	28,189
Allowances for receivables arising from banking sector	(11,558)	(28,189)
TOTAL	2,903,980	2,906,639

Breakdown by age

Receivables arising from banking and other activities represent receivables acquired within the scope of factoring agreements.

They are recognised at cost within assets in the balance sheet and they are classified as level 1. Factoring receivables include both receivables whose future recovery is guaranteed by Coface and receivables for which the risk of future recovery is borne by the customer.

When applicable, the Group recognises a valuation allowance against receivables to take account of any potential difficulties in their future recovery, being specified that the receivables are also covered by a credit insurance agreement. Accordingly, the related risks are covered by claims provisions.

(in thousands of euros)	DEC. 31, 2023					
	Not Due	- 3 Months	3 Months to 1 Year	1 to 5 Years	+ 5 Years	Total
Receivables arising from banking and other activities	2,203,092	899,499	1,389	(0)	(0)	2,903,980
Non-performing receivables arising from banking and other activities	(0)	(0)	1,500	7,588	2,471	11,558
Allowances for receivables arising from banking and other activities	(0)	(0)	(1,500)	(7,588)	(2,471)	(11,558)
Total receivables arising from banking and other activities	2,203,092	899,499	1,389	0	0	2,903,980
Claims reserve as hedge for factoring receivables	(0)	(0)	(0)	(0)	(0)	(0)
Total receivables arising from banking and other activities after claims reserves	2,203,092	899,499	1,389	0	0	2,903,980

(in thousands of euros)	DEC. 31, 2022					
	Not Due	- 3 Months	3 Months to 1 Year	1 to 5 Years	+ 5 Years	Total
Receivables arising from banking and other activities	2,669,804	226,821	10,655	(0)	(0)	2,907,280
Non-performing receivables arising from banking and other activities	(0)	(0)	2,328	23,396	2,465	28,189
Allowances for receivables arising from banking and other activities	(0)	(0)	(2,328)	(23,396)	(2,465)	(28,189)
Total receivables arising from banking and other activities	2,669,804	226,821	10,655	(0)	(0)	2,907,279
Claims reserve as hedge for factoring receivables	(640)	(0)	(0)	(0)	(0)	(640)
Total receivables arising from banking and other activities after claims reserves	2,669,164	226,821	10,655	(0)	(0)	2,906,639

Note 5. Operating building and other tangible assets

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
	Net value	Net value
Buildings used for operational purposes	14,194	15,679
Other property, plant and equipment	13,612	14,781
Right-of-use assets for lessees	57,683	64,154
TOTAL	85,488	94,613

<i>(in thousands of euros)</i>	DEC. 31, 2023		
	Gross amount	Amortisation and impairment	Net value
Buildings used for operational purposes	82,985	(68,792)	14,193
Other property, plant and equipment	49,965	(36,353)	13,612
Right-of-use assets for lessees	143,788	(86,105)	57,683
TOTAL	276,738	(191,250)	85,488

<i>(in thousands of euros)</i>	DEC. 31, 2022		
	Gross amount	Amortisation and impairment	Net value
Buildings used for operational purposes	82,984	(67,306)	15,679
Other property, plant and equipment	50,692	(35,911)	14,781
Right-of-use assets for lessees	137,362	(73,209)	64,154
TOTAL	271,039	(176,426)	94,613

Change in the gross amount of property, plant and equipment

<i>(in thousands of euros)</i>	DEC. 31, 2022	Scope entry	Increases	Decreases	Currency translation variation	DEC. 31, 2023
Land used for operational purposes	7,140	(0)	(0)	(0)	(0)	7,140
Buildings used for operational purposes	75,845	(0)	(0)	(0)	(0)	75,845
Right-of-use assets for lessees - Buildings leasing	105,111	439	5,823	(4,027)	(1,865)	105,481
Total buildings used for operational purposes	188,096	439	5,823	(4,027)	(1,865)	188,466
Operating guarantees and deposits	3,525	(0)	283	(79)	(62)	3,667
Other property, plant and equipment	47,168	321	2,366	(2,668)	(886)	46,299
Right-of-use assets for lessees - Equipment leasing	32,251	165	8,403	(185)	(327)	38,307
Total other property, plant and equipment	82,944	486	9,082	(2,932)	(1,277)	88,273
TOTAL	271,039	925	14,975	(6,959)	(2,942)	276,738

<i>(in thousands of euros)</i>	DEC. 31, 2021	Scope entry	Increases	Decreases	Currency translation variation	DEC. 31, 2022
Land used for operational purposes	7,140	(0)	(0)	(0)	(0)	7,140
Buildings used for operational purposes	78,141	(0)	(0)	(1,261)	(1,035)	75,845
Right-of-use assets for lessees - Buildings leasing	98,351	136	6,777	(327)	174	105,111
Total buildings used for operational purposes	183,632	136	6,777	(1,588)	(861)	188,096
Operating guarantees and deposits	3,748	(0)	400	(282)	(95)	3,524
Other property, plant and equipment	44,436	110	4,301	(1,282)	(403)	47,168
Right-of-use assets for lessees - Equipment leasing	27,448	126	4,931	(0)	(252)	32,251
Total other property, plant and equipment	75,630	242	9,641	(1,564)	(1,006)	82,943
TOTAL	259,261	378	16,418	(3,152)	(1,867)	271,038

Change in accumulated depreciation and impairment of property, plant and equipment

(in thousands of euros)	DEC. 31, 2022	Scope entry	Additions	Reversals	Currency translation variation and other	DEC. 31, 2023
Accumulated amortization – Building used for operational purposes	(67,306)	(0)	(1,486)	(0)	(0)	(68,792)
Accumulated impairment – Buildings used for operational purposes	(0)	(0)	(0)	(0)	(0)	(0)
Accumulated amortization - Right-of-use assets for lessees - Buildings	(50,065)	(146)	(12,199)	4,159	851	(57,401)
Accumulated impairment - Right-of-use assets for lessees - Buildings	(0)	(0)	(0)	(0)	(0)	(0)
Buildings used for operational purposes	(117,371)	(146)	(13,685)	4,159	851	(126,193)
Accumulated amortization other property, plant & equipment	(35,911)	(203)	(3,333)	2,707	400	(36,339)
Accumulated impairment other property, plant & equipment	(0)	(0)	(13)	(0)	(0)	(13)
Accumulated amortization - Right-of-use assets for lessees - Equipment	(23,144)	(36)	(8,023)	297	202	(28,703)
Accumulated impairment - Right-of-use assets for lessees - Equipment	(0)	(0)	(0)	(0)	(0)	(0)
Other property, plant and equipment	(59,054)	(238)	(8,369)	3,004	602	(65,056)
TOTAL	(176,426)	(384)	(23,054)	7,163	1,453	(191,250)

(in thousands of euros)	DEC. 31, 2021	Scope entry	Additions	Reversals	Currency translation variation and other	DEC. 31, 2022
Accumulated amortization – Building used for operational purposes	(65,738)	(0)	(1,879)	441	42	(67,034)
Accumulated impairment – Buildings used for operational purposes	(0)	(0)	(0)	(441)	(0)	(0)
Accumulated impairment - Right-of-use assets for lessees - Buildings less	(0)	(0)	(0)	(0)	(0)	(0)
Total buildings used for operational purposes	(65,738)	(0)	(1,879)	(0)	42	(67,034)
Accumulated amortization other property, plant & equipment	(33,127)	(80)	(4,185)	(0)	283	(35,911)
Accumulated impairment other property, plant & equipment	(188)	(0)	(0)	(0)	188	0
Total tangible assets	(33,315)	(80)	(4,185)	(0)	471	(35,911)
Accumulated amortization - Right-of-use assets for lessees - Equipment li	(17,032)	(27)	(8,247)	(0)	164	(23,144)
Accumulated amortization - Right-of-use assets for lessees - Buildings less	(37,368)	(2)	(13,010)	(0)	314	(50,065)
Accumulated impairment - Right-of-use assets for lessees - Equipment li	(0)	(0)	(0)	(0)	(0)	(0)
Total Right-of-use	(54,399)	(29)	(19,257)	(0)	478	(73,207)
TOTAL	(153,462)	(109)	(23,121)	(0)	891	(176,426)

Market value of buildings used in the business

(in thousands of euros)	DEC. 31, 2023	DEC. 31, 2022
Carrying amount	14,194	15,679
Market value	56,826	68,358
Unrealised gains	42,632	52,679

Buildings held by Coface Group do not represent any unrealised losses; no impairment is therefore recorded at December 31, 2023.

Note 6. Other assets

(in thousands of euros)	DEC. 31, 2023	DEC. 31, 2022
Deferred acquisition costs	89,899	90,693
Trade receivables arising from other activities	54,319	50,062
Current tax receivables	73,447	66,612
Other receivables	229,954	213,670
TOTAL	447,619	421,037

The line “Other receivables” mainly includes:

- Prepaid expenses totaling €22 million;
- Cash advances granted to non-consolidated Coface entities for €25 million;
- Receivables from the state and other social organizations (excluding corporate income tax) for an amount of €45 million;
- Customer receivables for an amount of €107 million.

Note 7. Cash and cash equivalents

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Cash at bank and available	481,700	519,417
Cash equivalents	13,858	34,370
TOTAL	495,558	553,786

As of December 31, 2023, operational cash decreased by €58.2 million compared to December 31, 2022. These amounts are all available; no amounts are placed in escrow accounts.

Note 8. Share capital

Ordinary shares	Number of shares	Per value	Share capital (in €)
At December 31, 2022	150,179,792	2	300,359,584
Cancellation of shares	(0)	2	(0)
At December 31, 2023	150,179,792	2	300,359,584
Treasury shares deducted	(1,172,902)	2	(2,345,804)
At December 31, 2023 (excluding treasury shares)	149,006,890	2	298,013,780

Shareholders	Dec 31, 2023		DEC. 31, 2022	
	Number of shares	%	Number of shares	%
Arch Capital Group Ltd	44,849,425	30,10%	44,849,425	30,09%
Public	104,157,465	69,90%	104,214,249	69,91%
Total excluding treasury shares	149,006,890	1	149,063,674	100%

Note 9. Share-based payments

Ongoing free share plans

Coface Group awarded, since its stock market listing in 2014, free shares to certain beneficiaries (corporate officers and employees of COFACE SA subsidiaries).

Plan	Allocation date	Number of shares granted	Acquisition period	Acquisition date	Availability date	Fair value of the share at the allocation date	Net expense for the year (in thousands of euros)
Long-term Incentive Plan 2020	Feb. 05, 2020	312,200	3 ans	44,963	44,963	11	145
Long-term Incentive Plan 2021	Feb. 10, 2021	391,403	3 ans	45,334	45,334	9	843
Long-term Incentive Plan 2022	Feb. 05, 2022	320,849	3 ans	45,703	45,703	12	927
Long-term Incentive Plan 2023	Feb. 16, 2023	336,513	3 ans	46,069	46,069	13	1,011

Change in the number of free shares

Plan	Number of free shares at Dec. 31, 2022	Number of new free share grants in 2022	Number of free shares cancelled in 2022	Number of free shares acquired in 2022	Number of shares to be acquired at Dec. 31, 2023
Long-term Incentive Plan 2020	312,200	(0)	(0)	(312,200)	(0)
Long-term Incentive Plan 2021	(0)	408,403	(17,000)	(0)	391,403
Long-term Incentive Plan 2022	(0)	320,849	(0)	(0)	320,849
Long-term Incentive Plan 2023	(0)	336,513	(0)	(0)	336,513

The total number of shares allocated to the *Long-term Incentive Plan 2023* amounts to 427,533 shares; only 421,713 shares were affected nominatively to beneficiaries including 336,513 shares and 85,200 performance units.

The free shares allocated under the LTIP 2020 plan were delivered to the beneficiaries.

Performance units are awarded instead of free shares as soon as the free shares implementation appears complex or irrelevant in terms of the number of beneficiaries. These units are indexed on the share price and subject to the same conditions of presence and performance that shares free but are valued and paid in cash at the end of the vesting period.

Free shares under the *Long-term Incentive Plan* are definitely granted based upon presence in the group and performance achievement.

Measurement of free shares

In accordance with IFRS 2 relating to “Share-based payments”, the award of free shares to employees results in the recognition of an expense corresponding to the fair value of shares granted on the award date adjusted for unpaid dividends during the rights vesting period and transfer restrictions during the holding period, as well as the probability of the materialisation of the performance conditions.

The plans were measured on the assumptions below:

- discount rate corresponding to a risk-free rate on the plans' duration;
- income distribution rate set at 80%;

Based on these assumptions, a total of € 2 926 thousand was expensed under the implemented plans at December 31, 2023.

Note 10. Revaluation reserves

<i>(in thousands of euros)</i>	Technical liabilities / IFE*	Investment instruments	Reserves - gains and losses not reclassifiable to P&L (IAS19)	Income tax	Revaluation reserves attributable to owners of the parent	Non-controlling interests	Revaluation reserves
At DEC. 31, 2022 restated IFRS 17	16,096	(72,874)	(17,637)	21,435	(52,981)	(91)	(53,070)
Financial instruments first application of impact IFRS 9	(0)	(40,296)	(0)	2,796	(37,500)	(0)	(37,500)
At JAN. 1, 2023 restated IFRS 9 & 17	16,096	(113,170)	(17,637)	24,231	(90,481)	(91)	(90,570)
Fair value adjustments on financial assets reclassified to income	(0)	(3,618)	(0)	1,879	(1,739)	(0)	(1,739)
Fair value adjustments on financial assets recognised in equity and recyclable	(0)	66,813	(0)	(13,464)	53,349	8	53,357
Change in reserves - gains and losses not reclassifiable to income statement	(0)	(24,445)	(2,794)	(1,497)	(28,737)	(0)	(28,737)
Transactions with shareholders	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Reevaluation IFRS17 OCI reserves variations recyclable in P&L	(4,620)	(0)	(0)	1,346	(3,275)	8	(3,267)
At DEC. 31, 2023	11,476	(74,426)	(20,429)	12,498	(70,880)	(79)	(70,956)

* Insurance Finance Expenses

** Provisions for pensions and similar obligations

<i>(in thousands of euros)</i>	Technical liabilities / IFE*	Investment instruments	Reserves - gains and losses not reclassifiable to P&L (IAS19)	Income tax	Revaluation reserves attributable to owners of the parent	Non-controlling interests	Revaluation reserves
At JAN. 1, 2022	(6,313)	250,291	(30,652)	(28,016)	185,310	(115)	185,195
Fair value adjustments on available-for-sale financial assets reclassified to income	(0)	(12,861)	(0)	3,629	(9,232)	(0)	(9,232)
Fair value adjustments on available-for-sale financial assets recognised in equity	(0)	(310,305)	(0)	54,622	(255,683)	(32)	(255,715)
Change in reserves - gains and losses not reclassifiable to income statement	(0)	(0)	13,015	(3,705)	9,310	(0)	9,310
Transactions with shareholders	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Reevaluation IFRS17 OCI reserves variations recyclable in P&L	22,409	(0)	(0)	(5,095)	17,315	57	17,372
At DEC. 31, 2022 restated IFRS 17	16,096	(72,874)	(17,637)	21,435	(52,981)	(91)	(53,070)

* Insurance Finance Expenses

** Provisions for pensions and similar obligations

Note 11. Provisions for liabilities and charges

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Provisions for disputes	1,206	1,982
Provisions for pension and other post-employment benefit obligations	47,815	46,223
Other provisions for liabilities and charges	24,921	20,457
TOTAL	73,942	68,662

(in thousands of euros)	DEC. 31, 2022	Scope entry	Additions	Reversals (utilised)	Reversals (surplus)	Reclassifications	Changes in OCI	Currency translation variation	DEC. 31, 2023
Provisions for employee	1,970	25	176	(0)	(926)	(0)	(0)	(39)	1,206
Provisions for other disputes	12	(0)	(12)	(0)	(0)	(0)	(0)	(0)	(0)
Provisions for disputes	1,982	25	164	(0)	(926)	(0)	(0)	(39)	1,206
Provisions for end-of-career benefits	25,721	(0)	1,640	(1,480)	(194)	0	1,512	(143)	27,058
Provisions for post-employment benefits	7,218	(0)	587	(606)	(18)	(0)	693	(89)	7,785
Provisions for long-service awards	6,060	(0)	752	(356)	(1)	(0)	(0)	3	6,458
Provisions for time savings	1	(0)	0	(0)	(0)	(0)	(0)	(0)	1
Provisions for insurance and other medical coverage	3,769	(0)	295	(224)	(0)	(0)	219	(0)	3,999
Provisions for other long-term employee benefits	3,454	(0)	300	(1,244)	(4)	(0)	(0)	9	2,515
Provisions for pension and other post-employment	46,223	(0)	3,515	(3,910)	(217)	(0)	2,423	(219)	47,815
Provisions for liabilities on subsidiaries	9,815	(0)	(0)	(0)	(0)	(0)	(0)	(0)	9,815
Provisions for restructuring	7,247	(0)	897	(3,332)	(179)	(0)	(0)	4	4,637
Provisions for free share allocation plan	0	(0)	(2)	(0)	(0)	(0)	(0)	2	0
Provisions for taxes (excl. income taxes)	852	(0)	286	(0)	(150)	5,292	(0)	(43)	8,037
Other provisions for liabilities	2,742	(0)	1,652	(0)	(56)	(0)	(0)	53	4,431
Other provisions for liabilities and charges	20,457	(0)	2,873	(3,332)	(384)	5,292	(0)	16	24,921
TOTAL	68,662	25	6,553	(7,242)	(1,527)	5,292	2,423	(241)	73,942

(in thousands of euros)	DEC. 31, 2021	Scope entry	Additions	Reversals (utilised)	Reversals (surplus)	Reclassifications	Changes in OCI	Currency translation variation	DEC. 31, 2022
Provisions for employee	2,023	(0)	124	(0)	(231)	15	(0)	41	1,972
Provisions for other disputes	252	(0)	18	(0)	(0)	(262)	(0)	9	15
Provisions for disputes	2,275	(0)	140	(0)	(231)	(247)	(0)	49	1,985
Provisions for end-of-career benefits	32,076	(0)	1,765	(1,518)	(462)	(0)	(6,034)	(106)	25,721
Provisions for post-employment benefits	13,264	(0)	395	(630)	(10)	(0)	(5,783)	(25)	7,211
Provisions for long-service awards	7,772	(0)	179	(1,486)	(408)	(0)	(0)	3	6,060
Provisions for time savings	10	(0)	(0)	(0)	(9)	(0)	(0)	(0)	1
Provisions for insurance and other medical coverage	5,016	(0)	162	(180)	(29)	(0)	(1,199)	(0)	3,769
Provisions for other long-term employee benefits	3,332	(0)	904	(730)	(50)	(0)	(0)	1	3,454
Provisions for pension and other post-employment	61,473	(0)	3,404	(4,545)	(968)	(0)	(13,015)	(127)	46,222
Provisions for liabilities	9,813	(0)	(0)	(0)	(1)	(0)	(0)	(0)	9,812
Provisions for restructuring	9,721	(0)	4,658	(5,587)	(1,544)	(0)	(0)	(0)	7,248
Provisions for free share allocation plan	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Provisions for taxes (excl. income taxes)	707	(0)	(0)	(0)	(0)	(0)	(0)	(55)	652
Other provisions for liabilities	1,759	(0)	996	(17)	(0)	(0)	(0)	1	2,742
Other provisions for liabilities and charges	22,000	(0)	5,657	(5,604)	(1,544)	(0)	(0)	(54)	20,455
TOTAL	85,748	(0)	9,201	(10,149)	(2,743)	(247)	(13,015)	(132)	68,662

Provisions for liabilities and charges mainly include provisions for pensions and other post-employment benefit obligations, provisions for restructuring and provisions for liabilities.

French Law No. 2023-270 on the corrective financing of social security for 2023, incorporating pension reform, was published in the Official Journal of the French Republic on April 15, 2023. It brings consequences for French insured individuals by raising the legal retirement age (age of eligibility) from 62 to 64 years, except for employees covered by specific schemes. Considering the previous assumptions made by the Group to establish its provisions, the estimated impacts of these new provisions are not material for the Group.

Other provisions for risks and charges include provisions for negative net equity of non-consolidated entities (€9.8 million) and provisions for restructuring (€4.6 million).

The main variation in the fiscal year is related to provisions for restructuring and a reclassification of the provision for tax risk (previously classified as a payable tax debt).

Note 12. Employee benefits

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Present value of benefit obligation at January 1st	48,110	63,531
Current service cost	1,703	3,362
Interest cost	1,561	608
Actuarial (gains) / losses	2,856	(15,625)
Benefits paid	(4,237)	(3,530)
Acquisitions/mergers/deconsolidations	(0)	(0)
Other	(209)	(250)
Present value of benefit obligation at December 31st	49,784	48,095
<u>Change in plan assets</u>		
Fair value of plan assets at January 1st	1,888	2,057
Revaluation adjustments – Return on plan assets	38	(178)
Employee contributions	110	36
Employer contributions	3,482	2,794
Benefits paid	(3,548)	(2,839)
Other	(0)	(0)
Fair value of plan assets at December 31st	1,969	1,871
<u>Reconciliation</u>		
Present value of benefit obligation at December 31st	49,784	48,095
Fair value of plan assets	1,969	1,871
(Liability) / Asset recognised in the balance sheet at December	(47,815)	(46,222)
<u>Income statement</u>		
Current service cost	1,703	3,402
Past service cost	(0)	(0)
Benefits paid including amounts paid in respect of settlements	(0)	(0)
Interest cost	1,561	608
Interest income	(73)	(22)
Revaluation adjustments on other long-term benefits	96	(2,410)
Other	(0)	(250)
(Income) / Expenses recorded in the income statement	3,288	1,329
<u>Changes recognised directly in equity not reclassifiable to income</u>		
Revaluation adjustments arising in the year	2,795	(13,015)
Revaluation adjustments recognised in equity not reclassifiable to income	2,795	(13,015)

<i>(in thousands of euros)</i>	DEC. 31, 2023					
	France	Germany	Austria	Italy	Other	TOTAL
Present value of benefit obligation at January 1st	9,202	18,687	10,545	4,186	5,491	48,110
Acquisitions/mergers/deconsolidations	(0)	(0)	(0)	(0)	(0)	(0)
Current service cost	501	485	59	284	373	1,703
Interest cost	359	697	406	99	(0)	1,561
Actuarial (gains) / losses	518	1,107	953	160	117	2,856
Benefits paid	(448)	(2,278)	(750)	(71)	(690)	(4,237)
Other	(0)	(0)	(0)	(0)	(209)	(209)
Present value of benefit obligation at December 31st	10,131	18,698	11,212	4,658	5,083	49,784
Change in plan assets						
Fair value of plan assets at January 1st	(0)	960	928	(0)	(0)	1,888
Revaluation adjustments – Return on plan assets	(0)	23	15	(0)	(0)	38
Acquisitions/mergers/deconsolidations	(0)	(0)	(0)	(0)	(0)	(0)
Employee contributions	(0)	8	101	(0)	(0)	110
Employer contributions	448	2,257	706	71	(0)	3,482
Benefits paid	(448)	(2,278)	(750)	(71)	(0)	(3,548)
Other	(0)	(0)	(0)	(0)	(0)	(0)
Fair value of plan assets at December 31st	(0)	970	999	(0)	(0)	1,969
Reconciliation						
Present value of benefit obligation at December 31st	10,131	18,698	11,212	4,658	5,083	49,784
Fair value of plan assets	(0)	970	999	(0)	(0)	1,868
(Liability) / Asset recognised in the balance sheet at December	(10,131)	(17,728)	(10,214)	(4,658)	(5,083)	(48,226)
Income statement						
Current service cost	501	755	59	284	373	1,973
Past service cost	(0)	(0)	(0)	(0)	(0)	(0)
Benefits paid including amounts paid in respect of settlements	(0)	(0)	(0)	(0)	(0)	(0)
Interest cost	359	697	406	99	(0)	1,561
Interest income	(0)	(35)	(37)	(0)	(0)	(73)
Revaluation adjustments on other long-term benefits	13	19	26	39	(0)	96
Other	(0)	(0)	(0)	(0)	(0)	(0)
(Income) / Expenses recorded in the income statement	872	1,437	453	422	373	3,558
Changes recognised directly in equity not reclassifiable to income						
Revaluation adjustments arising in the year	506	1,100	950	121	117	2,795
Revaluation adjustments recognised in equity not reclassifiable to income	506	1,100	950	121	117	2,795

	DEC. 31, 2022					
(in thousands of euros)	France	Germany	Austria	Italy	Other	TOTAL
Present value of benefit obligation at January 1st	12,588	23,806	17,660	4,210	5,268	63,531
Acquisitions/mergers/deconsolidations	(0)	(0)	(0)	(0)	(0)	(0)
Current service cost	653	1,561	162	354	632	3,362
Interest cost	137	250	191	30	(0)	608
Actuarial (gains) / losses	(3,691)	(5,186)	(6,426)	(358)	36	(15,625)
Benefits paid	(484)	(1,761)	(1,041)	(50)	(194)	(3,530)
Other	(0)	(0)	(0)	(0)	(250)	(250)
Present value of benefit obligation at December 31st	9,202	18,670	10,545	4,186	5,491	48,095
Change in plan assets						
Fair value of plan assets at January 1	(0)	995	1,062	(0)	(0)	2,057
Revaluation adjustments – Return on plan assets	(0)	(54)	(124)	(0)	(0)	(178)
Acquisitions/mergers/deconsolidations	(0)	(0)	(0)	(0)	(0)	(0)
Employee contributions	(0)	36	(0)	(0)	(0)	36
Employer contributions	(0)	1,763	1,031	(0)	(0)	2,794
Benefits paid	(0)	(1,797)	(1,041)	(0)	(0)	(2,839)
Other	(0)	(0)	(0)	(0)	(0)	(0)
Fair value of plan assets at December 31st	(0)	943	928	(0)	(0)	1,871
Reconciliation						
Present value of benefit obligation at December 31st	9,202	18,670	10,545	4,186	5,491	48,095
Fair value of plan assets	(0)	943	928	(0)	(0)	1,871
(Liability) / Asset recognised in the balance sheet at December	(9,202)	(17,727)	(9,617)	(4,186)	(5,491)	(46,224)
Income statement						
Current service cost	653	1,331	162	354	632	3,132
Past service cost	(0)	(0)	(0)	(0)	(0)	(0)
Benefits paid including amounts paid in respect of settlements	(0)	(0)	(0)	(0)	(0)	(0)
Interest cost	137	250	191	30	(0)	608
Interest income	(0)	(10)	(12)	(0)	(0)	(22)
Revaluation adjustments on other long-term benefits	(175)	(2,039)	(27)	(169)	(0)	(2,410)
Other	(0)	(0)	(0)	(0)	(250)	(250)
(Income) / Expenses recorded in the income statement	615	(467)	314	214	382	1,059
Changes recognised directly in equity not reclassifiable to income						
Revaluation adjustments arising in the year	(3,517)	(3,083)	(6,264)	(188)	36	(13,016)
Revaluation adjustments recognised in equity not reclassifiable to income	(3,517)	(3,083)	(6,264)	(188)	36	(13,016)

Actuarial assumptions

The discount rate applied to the Group's employee benefit obligations is based on the Bloomberg Corporate AA curve for French entities and on a basket of international AA-rated corporate bonds for foreign entities.

	DEC. 31, 2023			
	France	Germany	Austria	Italy
Inflation rate	2.25%	2.25%	2.25%	2.25%
Discount rate				
Supplementary retirement and other plans	3.50%	3.50%	3.50%	N/A
Statutory retirement benefits	3.50%	N/A	3.50%	3.50%
Long-service awards	3.50%	3.50%	3.50%	3.50%
Other benefits	3.50%	3.50%	N/A	3.50%
Rate of salary increases (including inflation)	2.55%	2.25%	2.00%	2.25%
Rate of increase in medical costs (including inflation)	2.50%	N/A	N/A	4.75%
Average remaining working life until retirement				
Supplementary retirement and other plans	0.00	3.12	9.47	6.44
Statutory retirement benefits	0.00	N/A	7.50	10.58
Long-service awards	0.00	14.21	19.47	7.25
Other benefits	0.00	1.82	N/A	0.00
Term (years)				
Supplementary retirement and other plans	2.54	10.01	11.08	15.13
Statutory retirement benefits	12.19	0.00	6.47	6.63
Long-service awards	6.76	7.83	8.48	7.63
Other benefits	9.75	1.04	N/A	N/A

		DEC. 31, 2022			
		France	Germany	Austria	Italy
Inflation rate		2.25%	2.25%	2.25%	2.25%
Discount rate					
	Supplementary retirement and other plans	4.00%	4.00%	4.00%	N/A
	Statutory retirement benefits	4.00%	N/A	4.00%	4.00%
	Long-service awards	4.00%	4.00%	4.00%	4.00%
	Other benefits	4.00%	4.00%	N/A	4.00%
Rate of salary increases (including inflation)		2.55%	2.25%	2.00%	2.25%
Rate of increase in medical costs (including inflation)		2.50%	N/A	N/A	4.20%
Average remaining working life until retirement					
	Supplementary retirement and other plans	0.00	3.59	10.03	10.74
	Statutory retirement benefits	0.00	N/A	8.70	11.80
	Long-service awards	0.00	14.15	19.61	8.25
	Other benefits	0.00	2.34	N/A	0.00
Term (years)					
	Supplementary retirement and other plans	2.47	9.83	10.93	16.49
	Statutory retirement benefits	11.92	0.00	7.12	6.65
	Long-service awards	6.89	7.94	8.39	7.90
	Other benefits	9.71	1.35	N/A	N/A

Sensitivity tests on the defined benefit obligation

	DEC. 31, 2023			
	Post-employment defined benefit obligations		Other long-term benefits	
	Supplementary retirement and other plans	Statutory retirement benefits	Long-service awards	Other benefits
+0.25% increase in the discount rate	(2.56)%	(2.35)%	(1.89)%	(0.26)%
-0.25% decrease in the discount rate	2.68%	2.44%	1.95%	0.26%
+0.25% increase in the inflation rate	1.63%	1.85%	(0.48)%	0.27%
-0.25% decrease in the inflation rate	(1.59)%	(1.80)%	0.46%	(0.27)%
+0.25% increase in rate of increase in medical costs	2.91%	0.00%	0.00%	0.00%
-0.25% decrease in rate of increase in medical costs	(2.83)%	0.00%	0.00%	0.00%
+0.25% increase in rate of salary increase (including inflation)	1.75%	2.32%	(0.11)%	0.27%
-0.25% decrease in rate of salary increase (including inflation)	(1.71)%	(2.26)%	0.10%	(0.27)%

	DEC. 31, 2022			
	Post-employment defined benefit obligations		Other long-term benefits	
	Supplementary retirement and other plans	Statutory retirement benefits	Long-service awards	Other benefits
+1% increase in the discount rate	(2.53)%	(2.31)%	(1.92)%	(0.34)%
-1% decrease in the discount rate	2.65%	2.40%	1.98%	0.34%
+1% increase in the inflation rate	1.68%	1.71%	(0.48)%	0.34%
-1% decrease in the inflation rate	(1.61)%	(1.64)%	0.43%	(0.34)%
+1% increase in rate of increase in medical costs	3.09%	0.00%	0.00%	0.00%
-1% decrease in rate of increase in medical costs	(2.95)%	0.00%	0.00%	0.00%
+1% increase in rate of salary increase (including inflation)	1.81%	2.32%	(0.24)%	0.34%
-1% decrease in rate of salary increase (including inflation)	(1.74)%	(2.24)%	0.19%	(0.34)%

Note 13. Financing liabilities

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Due within one year		
- Interest	13,754	12,170
- Amortization of expenses	(657)	(647)
- Nominal	226,600	
Total	239,696	11,523
Due between one and five years		
- Amortization of expenses	(3,064)	(1,386)
- Nominal	(0)	226,600
Total	(3,064)	225,214
Due beyond five years		
- Amortization of expenses	(4,890)	(2,457)
- Nominal	600,000	300,000
Total	595,110	297,543
TOTAL	831,743	534,280

For the year ended December 31, 2023, the Group's financing liabilities, totalling €831.7 million, correspond to:

A fixed rate subordinated note 4.125% issued on March 27, 2014 by COFACE SA for a nominal amount of €380 million and maturing on March 27, 2024.

The securities are irrevocably and unconditionally guaranteed on a subordinated basis by Compagnie française d'assurance pour le commerce extérieur, the Group's main operating entity.

Coface SA has also announced a tender offer on September 21, 2022 to repurchase its guaranteed subordinated notes due on 27 March 2024, for an amount of €153 million, at a fixed purchase price of 103,625 per cent.

The nominal amount after the tender offer is now €227 million, still maturing on March 27, 2024.

A issuance on 22 September 2022 of €300 million subordinated notes bearing a fixed interest rate of 6.000 per cent., due on September 22, 2032.

A new issuance on 28 november 2023 of €300 million subordinated notes bearing a fixed interest rate of 5,750 per cent., due on November 28, 2033.

The amount raised from this bond issuance will be primarily allocated to the refinancing of subordinated bonds maturing on March 27, 2024.

Note 14. Lease liabilities

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Lease liabilities - Real estate	57,915	65,449
Lease liabilities - Equipment	9,706	9,173
Lease liabilities	67,621	74,622

Note 15. Liabilities relating to insurance contracts

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
LRC - Liabilities for remaining coverage - gross	72,936	100,282
LIC - Liabilities for incurred claims - gross	1,395,471	1,332,298
Liabilities relating to insurance contracts	1,468,406	1,432,580
LRC - Liabilities for remaining coverage - ceded	(8,793)	51,291
LIC - Liabilities for incurred claims - ceded	393,603	304,926
Reinsurers' share of insurance liabilities	384,810	356,217
Net technical provisions	1,083,596	1 076 364

Reconciliation from the opening to the closing balances of net book values of insurance contracts as of DEC. 31, 2023:

<i>(in thousands of euros)</i>	Liability for remaining coverage (LRC)		Liability for incurred claims (LIC)		TOTAL
	Excl. Loss component	Loss component	Estimates of present value of future cash flows	Risk adjustment for non-financial risk	
Insurance contract liability - Opening	99,258	1,024	765,112	567,186	1432,580
INSURANCE RESULT	(1362,390)	(,596)	884,402	24,568	(454,016)
Insurance service revenue	(1559,063)	.0	.0	.0	(1559,063)
Insurance service expenses	196,673	(,596)	884,402	24,568	1105,047
Incurred claims (excluding investment components) and other insurance service expenses	(0)	(3,763)	847,149	284,506	1,127,892
Amortisation of insurance acquisition cash flows	196,673	(0)	(0)	(0)	196,673
Adjustments to liabilities for incurred claims	(0)	(0)	37,253	(259,938)	(222,685)
Losses and losses reversals on groups of onerous contracts	(0)	3,167	(0)	(0)	3,167
Net finance expenses from insurance contract	1,830	.0	33,112	24,324	59,266
Other comprehensive incomes (OCI)	2,232	.5	(7,982)	(5,191)	(10,935)
Other variations	5,162	.0	1,347	.110	6,619
CHANGES IN THE STATEMENT OF PROFIT OR LOSS AND OCI	(1353,165)	(,591)	910,879	43,812	(399,065)
Cash flows	1326,409	.0	(891,518)	.0	434,892
Premiums received under insurance contracts issued	1,510,694	(0)	(0)	(0)	1,510,694
Insurance acquisition cash flows	(184,285)	(0)	(0)	(0)	(184,285)
Claims incurred and other insurance service expenses paid related to insurance activities relating to insurance contracts issued, excluding cash flows related to acquisition costs	(0)	(0)	(891,518)	(0)	(891,518)
Insurance contract liability - Closing	72,502	.434	784,473	610,998	1468,406

Reconciliation from the opening to the closing balances of net book values of reinsurance contracts as of DEC. 31, 2023 :

<i>(in thousands of euros)</i>	Net liability for remaining coverage (LRC)	Liability for incurred claims (LIC)		Total
		Estimates of present value of future cash flows	Risk adjustment for non-financial risk	
Reinsurance contract liability - Opening	51,291	167,736	137,190	356,217
Premiums paid allocation	(255,969)	5,775	.0	(250,194)
Amounts recovered from the reinsurer	15,394	116,974	13,585	145,954
Amounts recovered for claims and other expenses incurred during the period	15,670	116,033	80,359	212,062
Changes in recoveries related to changes in liabilities for claims incurred	(0)	942	(66,774)	(65,832)
Changes in fulfillment cash flows related to onerous underlying contracts	(275)	(0)	(0)	(275)
Changes effect in the risk of non-performance by the reinsurance contracts held issuer	(0)	(0)	(0)	(0)
Revenues and expenses relating to reinsurance treaties held	(240,574)	122,749	13,585	(104,240)
Net finance expenses from insurance contract relating to reinsurance treaties held	(,39)	6,128	4,400	10,490
Other comprehensive incomes (OCI)	.863	4,658	.11	5,331
CHANGES IN THE STATEMENT OF PROFIT OR LOSS AND OCI	(239,960)	133,635	17,996	(88,419)
Cash flows	180,470	(72,208)	.0	108,263
Premiums paid for reinsurance contracts held	196,140	(0)	(0)	196,140
Amounts recovered from the reinsurer	(15,670)	(72,208)	(0)	(87,878)
Other variations	(604)	9,297	57	8,749
Reinsurance contract liability - Closing	(8,793)	238,360	155,242	384,810

Note 16. Payables arising from banking activities

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Amounts due to banking sector companies	762,907	743,230
Amounts due to customers of banking sector companies	474,446	389,300
Debt securities	1,655,719	1,794,858
TOTAL	2,893,072	2,927,389

The lines “Amounts due to banking sector companies” and “Debt securities” correspond to sources of refinancing for the Group’s factoring entities – Coface Finanz (Germany) and Coface Factoring Poland.

Note 17. Deferred tax

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Deferred tax assets	(89,899)	(90,693)
Deferred tax liabilities	143,886	125,441
Net deferred tax - liabilities	53,987	34,748
Timing differences	(51,186)	(42,408)
Provisions for pensions and other employment benefit obligations	(4,908)	(4,233)
Tax loss carry forwards	(7,035)	(5,252)
Cancellation of the claims equalization provision	117,116	86,642
Net deferred tax - liabilities	53,987	34,748

Deferred tax assets and liabilities are assessed at the rate applicable on the date on which the asset will be realized or the liabilities will be settled.

Each entity is compensating deferred tax assets and liabilities whenever it is legally authorized to compensate due tax assets and liabilities.

Changes in deferred tax balances by region

Deferred tax with positive signs are deferred tax liabilities. On the other hand, those with negative signs are deferred tax assets.

<i>(in thousands of euros)</i>	DEC. 31, 2022	Change through income statement	Revaluation adjustment on AFS investments	Currency translation variation	Scope entry	Other movements	DEC. 31, 2023
Northern Europe	62,643	8,613	(310)	(214)	(0)	(290)	70,426
Western Europe	(6,673)	(4,651)	14,373	71	(0)	608	3,528
Central Europe	4,864	426	(20)	114	(0)	(2,170)	3,206
Mediterranean & Africa	(13,288)	6,539	314	1,172	(0)	(1,125)	(6,388)
North America	453	(2,525)	950	41	(0)	13	(1,081)
Latin America	(9,706)	(2,133)	(2,985)	3,937	(37)	(882)	(11,666)
Asia Pacific	(3,546)	(1,088)	301	250	(0)	51	(4,032)
TOTAL	34,748	4,982	12,734	6,371	(37)	(3,812)	53,987

<i>(in thousands of euros)</i>	DEC. 31, 2021	Change through income statement	Revaluation adjustment on AFS investments	Currency translation variation	Scope entry	Other movements	DEC. 31, 2022
Northern Europe	60,748	2,291	(1,328)	(148)	(43)	1,123	62,643
Western Europe	32,684	5,565	(35,267)	(62)	(0)	(9,584)	(6,673)
Central Europe	541	7,026	(3,020)	(1,267)	(44)	1,629	4,864
Mediterranean & Africa	(7,647)	(2,211)	(3,911)	436	(0)	45	(13,288)
North America	3,693	(2,311)	(1,351)	222	(0)	(0)	453
Latin America	4,103	(7,366)	(2,509)	2,293	(269)	(6,929)	(9,706)
Asia Pacific	(4,678)	1,028	462	(58)	(0)	(0)	(3,546)
TOTAL	89,344	4,013	(46,924)	1,417	(386)	(12,716)	34,748

The “Other movements” column mainly includes deferred taxes on changes in retirement benefits recognised as equity not reclassifiable to income and a correction with a reclassification between taxes/deferred taxes and changes effects.

Deferred taxes related to tax losses

The breakdown by region of deferred taxes assets linked to tax losses is as follows :

<i>(in thousands of euros)</i>	DEC. 31, 2023	Dec. 31, 2022
Northern Europe	3,044	2,699
Western Europe	768	(0)
Central Europe	164	157
Mediterranean & Africa	(0)	245
North America	(0)	(0)
Latin America	344	102
Asia-Pacific	2,715	2,049
Net deferred tax - liabilities	7,035	5,252

The recognition of deferred tax assets on tax losses is subject to a case-by-case recoverability analysis, taking into account the forecasts of the results of each entity. Deferred tax assets on losses are recognized at the level of entity's income tax results estimated for the period from 2024 to 2028, ie a recoverability horizon of five years. This recognition results from a Business Tax Plan prepared by each entity on the basis of the Business Plan approved by the Management.

Note 18. Other liabilities

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Current tax payables	51,917	61,681
Derivatives and related liabilities	27	222
Accrued personnel costs	80,841	80,712
Sundry payables	199,989	227,197
Deferred income	13,643	12,256
Other accruals	20,257	20,351
Other payables	314,730	340,516
Total	366,675	402,419

Note 19. Consolidated revenue

Breakdown of consolidated revenue

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
<i>Premiums – direct business</i>	1,594,179	1,575,094
<i>Premiums – inward reinsurance</i>	100,010	91,396
Gross written premiums	1,694,189	1,666,490
Premium refunds	(129,073)	(139,102)
Change of provisions for unearned premiums	(6,053)	(11,725)
Insurance revenue	1,559,063	1,515,663
Fees and commission income	171,374	158,574
Net income from banking activities	72,686	70,414
Income from service activities	65,109	54,380
Revenue or income from other activities	309,168	283,367
CONSOLIDATED REVENUE	1,868,231	1,799,030

Consolidated revenue by country of invoicing

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Northern Europe	379,557	373,057
Western Europe	380,075	359,627
Central Europe	177,058	181,959
Mediterranean & Africa	526,285	484,703
North America	171,850	168,391
Latin America	100,303	100,763
Asia-Pacific	133,102	130,529
CONSOLIDATED REVENUE	1,868,231	1,799,030

Note 20. Claim expenses

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Paid claims, net of recoveries	(545,990)	(344,973)
Change in claims reserves	(12,653)	(195,452)
TOTAL	(558,644)	(540,425)

Note 21. Overheads by function

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Claims handling expenses *	(39,043)	(36,089)
Policy acquisition costs	(196,673)	(170,135)
Administrative costs	(350,326)	(361,328)
Overhead costs attributable to contract activity	(546,999)	(531,463)
Other insurance activity expenses	(106,515)	(98,815)
Expenses from banking activities, excluding risk cost	(14,018)	(14,331)
Other operating expenses	(142,470)	(129,766)
Other activities expenses	(263,003)	(242,913)
Investment management expenses**	(9,756)	(8,761)
TOTAL	(858,801)	(819,226)
<i>of which employee profit-sharing</i>	<i>(9,193)</i>	<i>(10,120)</i>

(*) Included in contract service charges in the consolidated income statement

(**) Included in the item Investment income net of expenses excluding cost of debt in the consolidated income statement

Total overheads include general insurance expenses (by function), expenses from services activities and expenses from banking activities. It came out at €858,801 thousand as at December 31, 2023 versus €819,226 thousand as at December 31, 2022.

Note 22. Expenses from banking activities

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Charges to allowances for receivables	(147)	194
Reversal of allowances for receivables	13,293	6,269
Losses on receivables	(13,680)	(6,154)
Cost of risk	(534)	308
Operating expenses	(14,018)	(14,331)
TOTAL Expenses from banking activities	(14,552)	(14,023)

“Cost of risk” corresponds to the risk-related expense on credit insurance operations conducted by factoring companies, which includes net additions to provisions, receivables written off during the year, and recoveries of amortised receivables.

Note 23. Income and expenses from ceded reinsurance

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Ceded claims	123,425	89,992
Change in claims provisions net of recoveries	6,859	8,713
Commissions paid by reinsurers	15,670	30,094
Income from ceded reinsurance	145,954	128,798
Ceded premiums	(248,795)	(242,916)
Change in unearned premiums provisions	(1,400)	(24,522)
Expenses from ceded reinsurance	(250,194)	(267,438)
TOTAL	(104,240)	(138,640)

Note 24. Net investment result excluding cost of debt

<i>In thousand of euros</i>	DEC. 31, 2023	DEC. 31, 2022 (*)
Investment income		
Amounts recognised in the profit or loss		
Investment income	68,298	46,234
Change in financial instruments at fair value through profit or loss	(21,936)	25
Net gains on disposals	18,238	18,878
Net impairment losses on financial assets	(67)	258
Net foreign exchange differences	(38,672)	(16,141)
Investment management expenses	(13,434)	(13,555)
Total amounts recognised in the profit or loss	12,427	35,699
Amounts recognised in OCI (**)	35,950	(323,166)
Total investment income	48,376	(287,466)

(*) IFRS 17 restated, without IFRS 9 application.

The wording changes in the comparative column 31.12.2022 are reclassifications without IFRS 9 application.

(**) Other Comprehensive Income

<i>In thousand of euros</i>	DEC. 31, 2023	DEC. 31, 2022 (*)
Net finance expenses from insurance contracts		
Interest accreted	(59,096)	(18,259)
Effect of changes in interest rates and other financial assumptions	8,006	8,210
Net foreign exchange differences related to technical provisions	(1,552)	1,617
Total amounts recognised in the profit or loss	(52,642)	(8,432)
Amounts recognised in OCI (**)	(6,624)	29,427
Total net finance expenses from insurance contracts	(59,266)	20,994
Net finance expenses from reinsurance contracts held		
Interest accreted	12,175	1,197
Effect of changes in interest rates and other financial assumptions	(3,367)	(2,579)
Net foreign exchange differences related to technical provisions	3,875	(7,737)
Total amounts recognised in the profit or loss	12,683	(9,119)
Amounts recognised in OCI (**)	2,107	(7,239)
Total net finance expenses from reinsurance contracts held	14,790	(16,357)
Total amounts recognised in the profit or loss	(39,959)	(17,551)
Amounts recognised in OCI (**)	(4,517)	22,188
Net financial costs of insurance or reinsurance contracts held	(44,476)	4,637
Total amounts recognised in the profit or loss	(27,533)	18,148
Amounts recognised in OCI (**)	31,433	(300,978)
Total net investment result excluding cost of debt	3,900	(282,829)

(*) IFRS 17 restated, without IFRS 9 application.

The wording changes in the comparative column 31.12.2022 are reclassifications without IFRS 9 application.

(**) Other Comprehensive Income

Note 25. Other operating income and expenses

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
<i>Build to Lead</i> restructuring expenses	27	(1,887)
Impact of entry in consolidation scope	(3,159)	(577)
Restructuring provision	(1,657)	(327)
Other operating expenses	(1,791)	(10,143)
Total other operating expenses	(6,581)	(12,933)
		(0)
Impact of entry in consolidation scope	1,065	2,199
Other operating income	565	1,197
Total other operating income	1,630	3,397
TOTAL	(4,952)	(9,537)

Other operating income and expenses amounted to €(4.9) million as of December 31,2023 and mainly includes :

- Charges related to the inclusion of four service entities in the consolidated scope for €2.0 million.
- Restructuring provisions for €1.7 million

Note 26. Income tax expense

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Income tax	(83,172)	(86,205)
Deferred tax	(4,861)	(718)
TOTAL	(88,033)	(86,923)

The income tax expense highly increased because of the better entities results.

Tax proof

<i>(in thousands of euros)</i>	DEC. 31, 2023		DEC. 31, 2022	
Net income	240,500		240,444	
Non-controlling interests	(120)		(244)	
Income tax expense	(88,033)		(86,923)	
Pre-tax income before share in net income of associates and badwill	328,532		327,611	
Tax rate		25,83%		25,83%
Theoretical tax	(84,860)		(84,622)	
Tax expense presented in the consolidation income statement	(88,033)	26,80%	(86,923)	26,53%
Difference	3,173	0,97%	2,301	0,70%
Impact of differences between Group tax rates and local tax rates	19,911	6,06%	20,079	5,46%
Specific local taxes	(2,686)	-0,82%	(10,690)	-2,78%
<i>o/w French Corporate value added tax (CVAE)</i>	(587)	-0,18%	(684)	-0,18%
Tax losses for which no deferred tax assets have been recognised	(19,589)	-5,96%	(14,681)	-3,82%
Utilisation of previously unrecognised tax loss carryforwards	399	0,12%	1,822	0,47%
Dividends paid in France non deductible for tax purposes (1%)	(0)	0,00%	(0)	0%
Variable carryover effect	315	0,10%	8,453	2%
Argentina conversion	(7,622)	-2,32%	(0)	0%
Other differences	968	0,29%	1,298	0,34%

The effective income tax rate is nearly stable (26.80% in 2023 vs 26.53% in 2022)

The difference between theoretical tax and tax expense presented in the consolidated income statement comes from a positive impact of differences between Group tax rates and local tax rates partially offset by the negative effect of the non-activation of tax losses, the positive effect of the tax deficits activation other than on losses and the impact of Argentina's transition to USD reporting currency.

Note 27. Breakdown of net income by segment

Analysis of December 31, 2023 net income by segment

<i>(in thousand of euros)</i>	North Europe	Western Europe	Central Europe	Mediterranean - Africa	North America	Latin America	Asia Pacific	TOTAL
Insurance revenue	269,407	357,197	134,553	424,251	157,228	88,776	127,651	1,559,063
Claims expenses	(74,664)	(138,465)	(32,650)	(170,105)	(43,194)	(74,193)	(25,372)	(558,644)
Attributable costs from insurance activity	(85,631)	(174,925)	(38,364)	(120,932)	(59,538)	(30,296)	(37,313)	(546,999)
Loss component & reversal of loss component	6	716	173	(352)	(0)	53	(0)	596
Insurance Service Expenses	(160,289)	(312,674)	(70,841)	(291,389)	(102,733)	(104,436)	(62,685)	(1,105,047)
INSURANCE RESULT BEFORE REINSURANCE	109,118	44,524	63,712	132,861	54,495	(15,660)	64,966	454,016
Income and Expenses from ceded reinsurance	(43,174)	18,562	(24,686)	(28,092)	(25,927)	26,520	(27,444)	(104,240)
INSURANCE RESULT AFTER REINSURANCE	65,944	63,086	39,026	104,770	28,568	10,860	37,522	349,776
Other revenue	132,741	24,349	40,390	85,429	14,622	6,185	5,452	309,168
Other expenses	(79,407)	12,810	(42,981)	(86,522)	(29,043)	(16,216)	(21,645)	(263,003)
Risk cost	(591)	(0)	57	(0)	(0)	(0)	(0)	(534)
RESULT INCLUDING OTHER ACTIVITIES AND RISK COST	118,688	100,246	36,492	103,677	14,146	829	21,328	395,407
Net income from investments	(28,315)	19,718	(1,182)	(16,801)	1,251	(3,071)	867	(27,533)
Other operational income and expenses	(85)	(787)	865	(214)	(783)	(38)	(3,911)	(4,952)
Finance costs	(263)	(31,885)	(446)	(565)	(719)	(196)	(196)	(34,269)
OPERATIONAL RESULT	90,288	119,177	36,175	86,663	14,614	(2,280)	18,284	362,922
Income tax expense	-24,211	-22,096	-6,080	-28,500	-690	-5,491	-965	-88,033
CONSOLIDATED NET RESULT	65,814	65,197	29,649	57,598	13,205	(7,966)	17,123	240,620
Non-controlling interests	-3	0	-1	-127	-1	12	-1	-120
NET INCOME OF THE PERIOD	65,811	65,197	29,648	57,471	13,205	(7,954)	17,123	240,500
Other key indicators (accounting view)								
Total Turnover	402,149	381,547	174,943	509,680	171,850	94,961	133,102	1,868,231
Total Claims expenses (inc. loss component)	(74,658)	(137,749)	(32,477)	(170,458)	(43,194)	(74,140)	(25,372)	(558,048)
Total Overheads (inc. commissions)	(165,206)	(171,245)	(81,345)	(207,489)	(88,927)	(46,513)	(59,034)	(819,758)
Reconciliation between the note and the financial communication								
Total Turnover - accounting view	402,149	381,547	174,943	509,680	171,850	94,961	133,102	1,868,231
Reallocation of inward business	(0)	(24,063)	2,115	16,605	(0)	5,343	(0)	(0)
Reallocation of net income banking activities	(22,592)	22,592	(0)	(0)	(0)	(0)	(0)	(0)
Total Claims expenses (inc. loss component) - accounting view	(74,658)	(137,749)	(32,477)	(170,458)	(43,194)	(74,140)	(25,372)	(558,048)
Reallocation of inward business	(0)	10,226	(392)	(6,214)	(0)	(3,619)	(0)	(0)
Total Claims expenses (inc. loss component) - managing view	(74,658)	(127,524)	(32,869)	(176,672)	(43,194)	(77,759)	(25,372)	(558,048)
Loss ratio - accounting view	27,7%	38,6%	24,1%	40,2%	27,5%	83,5%	19,9%	35,8%
Reallocation of inward business	0,0%	-0,3%	-0,1%	-0,1%	0,0%	-0,9%	0,0%	0,0%
Loss ratio - managing view	27,7%	38,3%	24,0%	40,1%	27,5%	82,6%	19,9%	35,8%

Analysis of December 31, 2022 net income by segment

<i>(in thousand of euros)</i>	Northern Europe	Western Europe	Central Europe	Mediterranean - Africa	North America	Latin America	Asia Pacifica	TOTAL
Insurance revenue	268,939	331,478	143,481	400,070	154,315	91,264	126,116	1,515,663
Claims expenses	(106,555)	(125,473)	(51,356)	(169,927)	(29,596)	(46,739)	(10,778)	(540,425)
Attributable costs from insurance activity	(83,382)	(164,995)	(37,848)	(114,969)	(56,518)	(31,130)	(42,621)	(531,463)
Loss component & reversal of loss component	1,091	978	133	91	352	37	52	2,735
Insurance Service Expenses	(188,846)	(289,490)	(89,071)	(284,805)	(85,762)	(77,832)	(53,348)	(1,069,153)
INSURANCE RESULT BEFORE REINSURANCE	80,093	41,987	54,410	115,265	68,553	13,432	72,769	446,510
Income and Expenses from ceded reinsurance	(39,227)	1,401	(16,176)	(43,092)	(34,115)	18,803	(26,233)	(138,640)
INSURANCE RESULT AFTER REINSURANCE	40,866	43,388	38,234	72,174	34,438	32,235	46,535	307,870
Other revenue	108,351	38,671	36,640	77,491	14,077	4,403	3,734	283,367
Other expenses	(75,817)	5,628	(40,395)	(75,476)	(24,213)	(13,375)	(19,266)	(242,913)
Risk cost	356	(0)	(47)	(0)	(0)	(0)	(0)	308
RESULT INCLUDING OTHER ACTIVITIES AND RISK COST	73,757	87,687	34,432	74,189	24,301	23,263	31,004	348,633
Net income from investments	1,120	(8,812)	11,917	12,679	(1,203)	(2,698)	5,146	18,148
Other operational income and expenses	(2,469)	(5,776)	272	(1,806)	(133)	544	(169)	(9,537)
Finance costs	(188)	(27,354)	(254)	(544)	(898)	(184)	(184)	(29,605)
OPERATIONAL RESULT	72,408	73,099	46,621	85,062	22,965	21,109	35,982	357,245
Income tax expense	-10,375	-22,127	-8,973	-32,117	-4,961	-4,117	-4,253	-86,923
CONSOLIDATED NET RESULT	61,845	23,618	37,393	52,401	17,106	16,808	31,545	240,717
Non-controlling interests	-3	1	-2	-266	-1	-1	-2	-273
NET INCOME OF THE PERIOD	61,842	23,619	37,392	52,135	17,105	16,807	31,544	240,444
Total Turnover	377,290	370,148	180,121	477,561	168,391	95,667	129,851	1,799,030
Total Claims expenses (inc. loss component)	(105,464)	(124,495)	(51,223)	(169,836)	(29,244)	(46,702)	(10,726)	(537,689)
Total Overheads (inc. commissions)	(159,583)	(167,287)	(78,243)	(190,459)	(81,077)	(44,505)	(61,984)	(783,137)
Reconciliation between the note and the financial communication								
Total Turnover - accounting view	377,290	370,148	180,121	477,561	168,391	95,667	129,851	1,799,030
Reallocation of inward business	(0)	(14,754)	1,838	7,142	(0)	5,096	678	(0)
Reallocation of net banking activities	(4,233)	4,233	(0)	(0)	(0)	(0)	(0)	(0)
Total Turnover - managing view	373,057	359,627	181,959	484,703	168,391	100,763	130,529	1,799,030
Total Claims expenses (inc. loss component) - accounting view	(105,464)	(124,495)	(51,223)	(169,836)	(29,244)	(46,702)	(10,726)	(537,689)
Reallocation of inward business	(0)	18,719	(3,894)	(13,681)	(0)	(1,512)	368	0
Total Claims expenses (inc. loss component) - managing view	(105,464)	(105,776)	(55,117)	(183,517)	(29,244)	(48,214)	(10,359)	(537,689)
Loss ratio - accounting view	39,2%	37,6%	35,7%	42,5%	19,0%	51,2%	8,5%	35,5%
Reallocation of inward business	0,0%	-4,2%	2,2%	2,6%	0,0%	-1,1%	-0,3%	0,0%
Loss ratio - managing view	39,2%	33,4%	37,9%	45,1%	19,0%	50,0%	8,2%	35,5%

Note 28. Earnings per share

	DEC. 31, 2023		
	Average number of shares	Net income for the period (in €k)	Earnings per share (in €)
Basic earnings per share	149,035,282	240,500	1.61
Dilutive instruments	(0)		
DILUTED EARNINGS PER SHARE	149,035,282	240,500	1.61

	DEC. 31, 2022		
	Average number of shares	Net income for the period (in €k)	Earnings per share (in €)
Basic earnings per share	149,047,978	240,444	1.61
Dilutive instruments	(0)		
DILUTED EARNINGS PER SHARE	149,047,978	240,444	1.61

Note 29. Group's headcount

(in full time equivalent)	DEC. 31, 2023	DEC. 31, 2022
Northern Europe	735	632
Western Europe	1,095	994
Central Europe	846	753
Mediterranean & Africa	711	678
North America	249	223
Latin America	334	307
Asia-Pacific	130	118
Total	4,100	3,704

At December 31, 2023, the number of employees of fully consolidated companies was 4,100 full-time equivalents FTE versus 3,704 at December 31, 2022, up for 396 FTEs.

Note 30. Related parties

Ownership structure at December 31, 2023:

	Number of shares	%
Arch Capital Group Ltd.	44 849 425	30,10%
Public	104 157 465	69,90%
Total	149 006 890	100,00%

Ownership structure at December 31, 2022:

	Nombre d'actions	%
Arch Capital Group Ltd.	44 849 425	30,09%
Public	104 214 249	69,91%
Total	149 063 674	100,00%

At 31 December 2023, Arch Capital Group Ltd. held 30.10% of Coface Group's shares, excluding treasury stock, and 29.86% of the shares including treasury stock.

Relations between the Group's consolidated entities and related parties

The COFACE Group's main transactions with related parties concern Arch Capital Group and its subsidiaries.

The main related-party transactions are as follows:

- reinsurance policies between Coface and Arch Reinsurance Group which is owned by Arch Capital Group Ltd.
- Coface's credit insurance coverage made available to entities related to Coface;
- recovery of insurance receivables carried out by entities related to Coface on behalf of Coface;
- rebilling of general and administrative expenses, including overheads, personnel expenses, etc.

These transactions are broken down below as of December 31, 2023:

Current operating income (in thousands of euros)	DEC. 31, 2023
	Arch Reinsurance Group
Revenue (net banking income, after cost of risk)	
Claims expenses	
Expenses from other activities	
Policy acquisition costs	
Administrative costs	
Other current operating income and expenses	
Reinsurance result	(1,914)
Operating income/(loss)	(1,914)

Related-party receivables and payables	DEC. 31, 2023
<i>(in thousands of euros)</i>	Arch Reinsurance Group
Financial investments	
Other assets	
Reinsurance receivables	(41)
Cash and cash equivalents	
Liabilities relating to insurance contracts	
Amounts due to banking sector companies	
Reinsurance debts	(196)
Other liabilities	

These transactions are broken down below as of December 31, 2022:

Current operating income	DEC. 31, 2022
<i>(in thousands of euros)</i>	Arch Reinsurance Group
Revenue (net banking income, after cost of risk)	
Claims expenses	
Expenses from other activities	
Policy acquisition costs	
Administrative costs	
Other current operating income and expenses	
Reinsurance result	(1,053)
Operating income/(loss)	(1,053)

Related-party receivables and payables	DEC. 31, 2022
<i>(in thousands of euros)</i>	Arch Reinsurance Group
Financial investments	
Other assets	(2)
Reinsurance receivables	
Cash and cash equivalents	
Liabilities relating to insurance contracts	
Amounts due to banking sector companies	
Reinsurance debts	(421)
Other liabilities	

Note 31. Key management compensation

<i>(in thousands of euros)</i>	DEC. 31, 2023	DEC. 31, 2022
Short-term benefits (gross salaries and wages, incentives, benefits in kind and annual bonus)	6,505	5,586
Other long-term benefits	1,536	1,499
Statutory termination benefits	(0)	(0)
Share-based payment	1,342	976
TOTAL	9,384	8,062

As of 31st December 2023, the Group Management Committee is composed of Coface CEO and eight members. The line "Other long-term benefits" corresponds to the free performance shares allocation (fair value IFRS).

For 2023, the line "Share-based payment" corresponds to the free performance shares allocated in the LTIP Plan 2020 and delivered in 2023 (fair value IFRS).

For 2022, the line "Share-based payment" corresponds to the free performance shares allocated in the LTIP Plan 2019 and delivered in 2022.

A total envelope of 409 000 EUR was paid out to the members of the Board of Directors, the Audit, the Risk and the Compensation Committees in 2023.

Note 32. Breakdown of audit fees

<i>(in thousands of euros)</i>	MAZARS				DELOITTE				TOTAL			
	DEC. 31, 2023	%	Dec 31, 2022	%	DEC. 31, 2023	%	Dec 31, 2022	%	DEC. 31, 2023	%	Dec 31, 2022	%
Statutory and IFRS Audit												
COFACE SA	(790)	37%	(1,041)	41%	(410)	18%	(1,058)	35%	(1,200)	27%	(2,089)	37%
Subsidiaries	(1,340)	62%	(1,362)	53%	(1,887)	81%	(1,813)	60%	(3,233)	72%	(3,175)	57%
Sub-total	(2,140)	99%	(2,403)	94%	(2,297)	99%	(2,871)	94%	(4,433)	99%	(5,274)	94%
Other fees than Statutory and IFRS Audit												
COFACE SA	(0)	0%	(112)	4%	(0)	0%	(170)	6%	(0)	0%	(282)	5%
Subsidiaries	(28)	1%	(55)	2%	(31)	1%	1	0%	(58)	1%	(54)	1%
Sub-total	(28)	1%	(167)	7%	(31)	1%	(169)	6%	(58)	1%	(336)	6%
TOTAL	(2,170)	100%	(2,569)	100%	(2,327)	100%	(3,040)	100%	(4,491)	100%	(5,609)	100%

Fees for services other than the certification of accounts correspond mainly to (i) engagements to issue assurance reports on financial or regulatory information, (ii) tax services outside France, such as tax reporting support services, and (iii) other authorised advisory services.

Note 33. Off-balance sheet commitments

<i>(in thousands of euros)</i>	DEC. 31, 2023		
	TOTAL	Related to financing	Related to activity
Commitments given	1,416,648	1,387,348	29,300
Endorsements and letters of credit	1,387,348	1,387,348	0
Property guarantees	3,500	0	3,500
Financial commitments in respect of equity	25,800	0	25,800
Commitments received	2,225,153	1,535,317	689,836
Endorsements and letters of credit	143,308	0	143,308
Guarantees	546,527	0	546,527
Credit lines linked to commercial paper	700,000	700,000	0
Credit lines linked to factoring	835,317	835,317	0
Financial commitments in respect of equity			
Guarantees received	430,681	0	430,681
Securities lodged as collateral by reinsurers	430,681	0	430,681
Financial market transactions	88,061	0	88,061

Endorsements and letters of credit correspond mainly to :

- Joint guarantee for €226 million given by Compagnie Française d'Assurance pour le Commerce Extérieur to the benefit of investors in the subordinated debt issued by COFACE SA (maturity 10 years);
- Joint guarantees for €1 054 million given by COFACE SA to banks (Natixis, BNPP, Santander, HSBC, SG) financing bilateral lines of Coface Finanz and Coface Poland Factoring.

Securities lodged as collateral by reinsurers concern Coface RE for €412,5 million and Coface Europe for €18,2 million.

<i>(in thousands of euros)</i>	DEC. 31, 2022		
	TOTAL	Related to financing	Related to activity
Commitments given	1,447,127	1,360,427	86,700
Endorsements and letters of credit	1,360,427	1,360,427	(0)
Property guarantees	3,500	(0)	3,500
Financial commitments in respect of equity interests	83,200	(0)	83,200
Commitments received	1,890,984	1,295,563	595,421
Endorsements and letters of credit	146 289,6	-	146 289,6
Guarantees	449 131,1	-	449 131,1
Credit lines linked to commercial paper	700,000	700,000	(0)
Credit lines linked to factoring	595,563	595,563	(0)
Financial commitments in respect of equity interests	-	-	-
Guarantees received	320,478	(0)	320,478
Securities lodged as collateral by reinsurers	320,478	(0)	320,478
Financial market transactions	105,965	(0)	105,965

Note 34. Operating leases

The Lease contracts for future years are mainly recorded in the balance sheet since the implementation of IFRS 16 on January 1, 2019.

Note 35. Relationship between parent company and subsidiaries

The main operational subsidiary of the Coface Group is the Compagnie Française d'Assurance pour le Commerce Extérieur (la Compagnie). This subsidiary, which is wholly owned by the Company, composed from French entity and its 37 branches, is a public limited company (société anonyme) under French law, with share capital of €137,052,417.05, registered in the Nanterre Trade and Companies Registry under number 552 069 791.

The main flows between Coface SA, the listed parent company, and la Compagnie are as follows:

- Financing:
 - o Coface SA and la Compagnie have granted each other one ten-year loan;
 - o In net terms, Coface SA finances la Compagnie;
 - o "La Compagnie" stands as surety for the bond issue floated by Coface SA;
 - o A two-way cash flow agreement exists between COFACE SA and "La Compagnie";
 - o COFACE SA delegates to "La Compagnie" management of its commercial paper programme and of its cash management.
- Dividends:
 - o la Compagnie pays dividends to Coface SA.
- Tax consolidation:
 - o la Compagnie forms part of the tax consolidation group headed by Coface SA.

The table below summarises the interim balance of la Compagnie française d'assurance pour le commerce extérieur and its principal financial flows as of December 31, 2023 :

<i>(in thousands of euros)</i>	Compagnie française pour le commerce extérieur (including branches)	Coface SA	Other entities	Eliminations	Total
Revenue	1,662,573	2,282	1,022,263	(818,887)	1,868,231
Current operating income	144,911	28,153	242,001	(47,191)	367,874
Net income	54,153	(3,849)	190,195		240,500
Fixed assets	4,807,599	2,274,684	2,758,894	(6,174,862)	3,666,315
Indebtedness outside the group	(0)	831,743			831,743
Cash and cash equivalent	254,568	919	240,071		495,558
Net cash generated from operating activities	50,385	57,559	171,734		279,678
Dividends paid to the quoted company	131,417	(0)	77,969		209,386

At the end of December 2022, The table wich summarised the interim balance of la Compagnie française d'assurance pour le commerce extérieur and its principal financial flows was :

<i>(in thousands of euros)</i>	Compagnie française pour le commerce extérieur (including branches)	Coface SA	Other entities	Eliminations	Total
Revenue	1,805,821	1,684	1,233,623	(1,229,157)	1,811,970
Current operating income	220,979	14,294	241,678	(54,317)	422,634
Net income	103,027	(14,209)	194,289	0	283,108
Fixed assets	5,396,430	1,968,320	1,475,818	(5,485,315)	3,355,253
Indebtedness outside the group	0	534,280	0	0	534,280
Cash and cash equivalent	276,580	1,243	275,964	0	553,786
Net cash generated from operating activities	232,693	(93,728)	310,229	0	449,193
Dividends paid to the quoted company	299,894	0	47,968	0	347,862

Note 36. Entry into the scope of consolidation

Entries into the scope of consolidation in the year of 2023 concern four entities Coface Hungary Insurance Services, Coface Services Colombia Ltda., Coface Services Japan and Coface Adriatic d.o.o.

In the absence of an IFRS standard covering entries into the scope of consolidation of entities held for several years and in accordance with ANC regulation n° 2020-01, the results accumulated by these entities since their takeover have been recorded in the consolidated income, after deduction of dividends received by the group.

The contribution of new entities to the Coface Group's consolidated accounts as of December 31, 2023 is presented below:

- Turnover: €3,969 thousand;
- Net income: €(2,440) thousand;
- Equity: €(2,589) thousand;
- Total balance sheet: €1,098 thousand.

Note 37. Events after the reporting period

There is no event after the reporting period.

Note 38. Risk management

38.1 Summary of main risks

The Group operates in a fast-changing environment that gives rise to numerous external risks, in addition to the risks inherent in the conduct of its businesses. This note identifies the significant risk factors to which the Group believes it is exposed and explains how they are managed.

Despite a complex economic environment marked by geopolitical and economic tensions, the Coface Group maintained discipline in its risk management.

The table below presents the main risks to which Coface is exposed. It was prepared using the risk map, which is reviewed annually by general management and the Board of Directors' Risk Committee. The risk map is based on a qualitative risk analysis aimed at assessing the intrinsic risk and residual impact of each risk factor, taking into account the corresponding level of control implemented within the Group.

In 2022, the risk mapping assessment methodology was adjusted according to the type of risk assessed to ensure a uniform view of all risks:

- A bottom-up approach for assessing operational risks, providing a hierarchical view of inherent and residual risks by selecting them according to their degree of criticality and their probability of occurrence.
- A top-down approach based mainly on expert analysis. This is used for risks other than operational risks, in this case credit, strategic, financial and reinsurance risks and those incorporating the ESG dimension (Environmental, Social and Governance factors). In the same way as the bottom-up approach, the methodology for assessing non-operational risks is based on a hierarchical assessment of risks based on the probability of occurrence of the risk and its impact, according to a rating scale comprising four levels (high, significant, medium, low). The analysis is supplemented by discussions with experts taking into account risk mitigating factors such as controls, procedures, governance, systems or resources. In 2023, the analysis was strengthened by taking into account the reviews carried out in each region as well as quantified risk indicators, such as risk appetite indicators, the impact on the capital requirement (SCR) or the income statement, offering an in-depth insight into the Group's potential risks. Finally, these risks have been prioritised according to an internal calculation methodology that takes into account the level of inherent risk and its management. This allows us to rank the main risk factors as described below.

The exposure to these different risks is described in more detail in Section 38.2 of this report.

The risks considered to have a major inherent impact are listed below:

RISK CATEGORIES	MAIN RISK FACTORS	INHERENT IMPACT	RESIDUAL IMPACT	CHANGE IN THESE RISKS BETWEEN 2022 AND 2023
Credit risk	Risk related to the management of the Group's exposure in its trade credit insurance business	High	Medium	↓
	Risk of debtor insolvency	Significant	Medium	→
Financial risks	Interest rate risk	Significant	Medium	→
	Real estate risk	Significant	Significant	↑
	Foreign exchange risk	Significant	Significant	↑
Strategic risks	Risk related to geopolitical conditions	High	High	→
	Risk related to market conditions	Significant	Significant	↓
Reinsurance risks	Residual reinsurance risk	Significant	Medium	→
Operational and compliance risk	Risks related to information systems and cybersecurity (non-financial performance disclosures)	High	Significant	→
	Modelling risk	Significant	Medium	→
	Compliance risk	Significant	Medium	→
Climate change risks	Climate change risks	Medium	Low	→

Before making a decision to invest in the Company's shares, prospective investors should consider carefully all the information set out in this document, including the risks described below. As of the date of this report, these risks, were they to occur, are those the Group believes could have a material adverse effect on the Group, its business, its financial position, its solvency, its operating results or outlook, and which are material in making an investment decision. Prospective investors should nonetheless note that the risks described in this note may not be comprehensive, and that there may be additional risks that are not currently known or whose occurrence, as of the date of this note, is not considered likely to have a material adverse effect on the Group, its business, its financial position, its operating results or outlook.

38.2 Definition and measurement of risks

Risk factors related to the Issuer

/ Breakdown of the Group's overall exposure by business line (in €bn)

BY BUSINESS LINE	2023		2022	2021
	(in €bn)	(as a %)	(in €bn)	(in €bn)
Credit insurance	685.1	96.5%	666.9	587.6
Bonding	15.5	2.2%	14.7	13.5
Single Risk Insurance ⁷	3.5	0.5%	3.5	2.7
Other	6.1	0.9%	4.6	4.3
TOTAL	710.2	100%	689.7	608.1

The data and charts on exposures provided below relate to credit insurance, which accounts for more than 96% of total amounts outstanding.

38.2.1 Credit risk

a) Risk related to the management of the Group's exposure in its trade credit insurance business

DESCRIPTION OF THE RISK:

As part of its trade credit insurance activities, the Group allocates its exposures between clients operating in a wide range of economic sectors and established in different countries around the world.

POTENTIAL IMPACT ON THE GROUP

Exposure to certain countries with high corporate default rates or the concentration of exposures in fragile economic sectors could have a material impact on the Group's loss ratio, operating income, liquidity and solvency margin.

RISK MANAGEMENT:

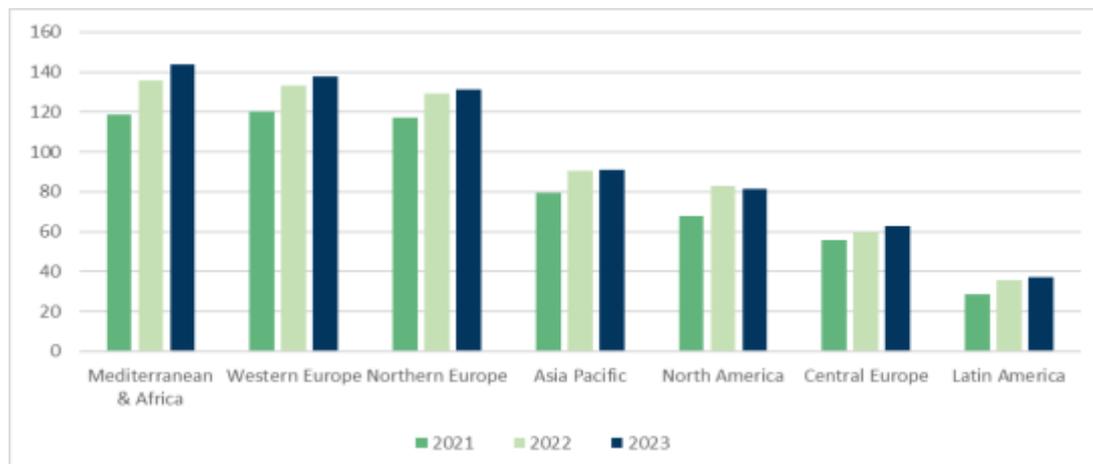
In this regard, the Group manages its exposures and determines the maximum amount of risk that it is willing to accept for each group of debtors based on the underlying level of risk related to the economic sector concerned and/or the location of those groups of debtors.

The Group significantly increased its exposure in 2021 as the Covid-19 pandemic receded. Its exposure continued to rise in 2022 in an environment of high inflation that increased the turnover of Coface's clients. Growth stabilised in 2023 (+2.7%), reflecting risk management efforts and the preventive action carried out as the loss experience normalised, as well as the economic slowdown seen mainly in the second half of the year. The Group's exposure thus stood at €685 billion at the end of 2023.

⁷ Single Risk is a special type of insurance that covers both political risks and commercial risks (i.e. payment default). This type of policy is designed specifically for complex, long-term projects. The insurer defines a tailor-made contract with the customer.

The chart below shows a breakdown of the level of exposure by region for the periods ended December 31, 2021, 2022 and 2023 respectively:

/ Breakdown of the Group’s credit insurance exposures by geographic region (in € billion)



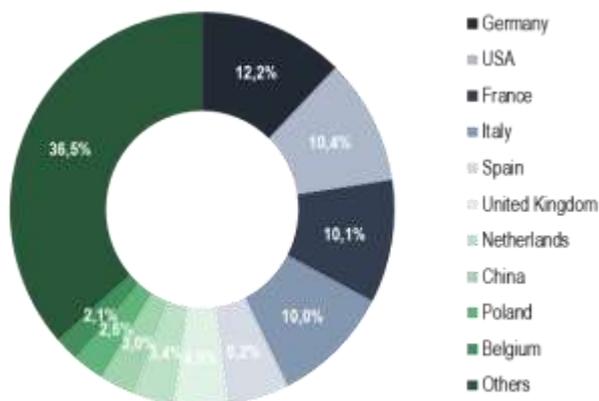
All of the Group’s regions recorded an increase in exposure, with the exception of North America, where it decreased by 1.3%. The Mediterranean and Africa region, which is the group’s largest region in terms of exposure, posted an increase of 5.7%, followed by Central Europe with 5.1% and Latin America with 4.6%; however, this region’s exposure remains the smallest in the Group.

The geographical breakdown of risk is monitored according to the Group’s country risk assessment, which estimates the average credit risk of companies in a given country using a risk scale ranging from A1 (the highest rating) to E (the lowest rating). The concentration of exposure on the lowest-rated countries is constantly monitored as part of Coface’s risk appetite.

In addition, the risk management actions implemented in response to Russia’s invasion of Ukraine reduced exposure to Russian debtors to €640 million at the end of 2022, then to less than €430 million at the end of 2023 (representing 0.06% of the Group’s total exposure), i.e. a decrease of more than 90% compared to the pre-invasion level. Claims notifications on Russian debtors remained at a moderate level during 2022 and 2023 and had no significant impact on the Group’s loss ratio. Coface is continuing to reduce its activity in Russia while preserving debt collection and risk management capabilities in the region.

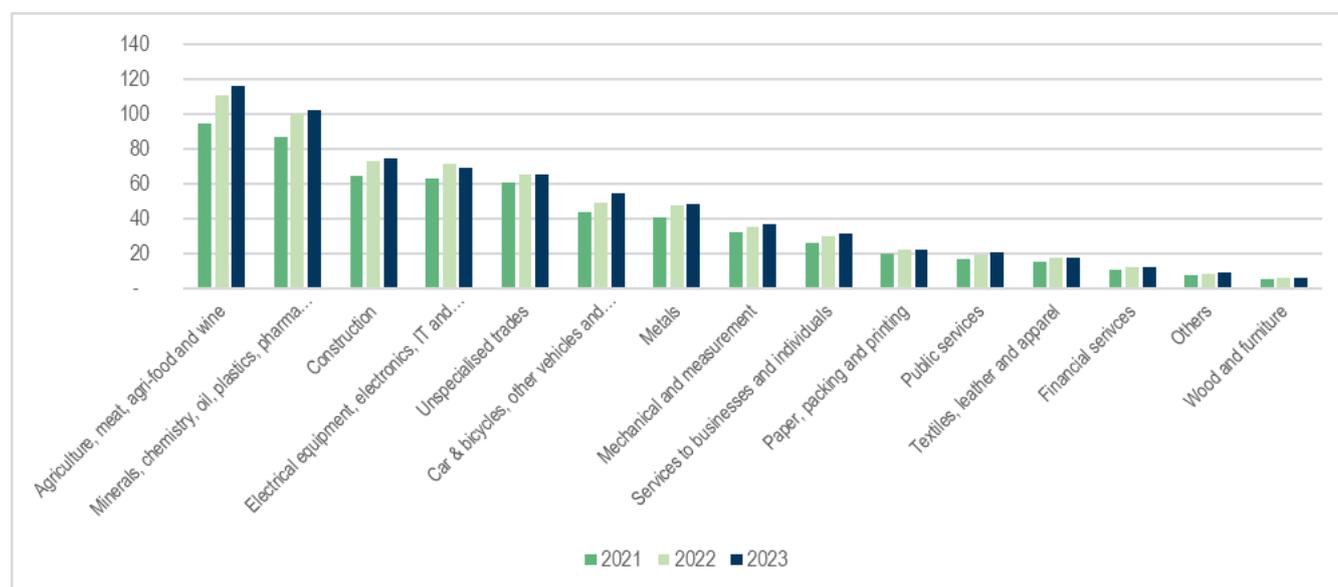
At December 31, 2023, the top ten countries accounted for 63.5% of credit insurance exposures, stable against at December 31, 2022. Germany, which accounts for 12.2% of the Group’s risks, remains the country in which the Group has the biggest exposure. More than 80% of the debtors covered by credit insurance policies are located in OECD countries.

/ Breakdown of the Group’s credit insurance exposure by country at December 31, 2023



The Group's exposure is also diversified by economic sector. Exposure increased slightly in most sectors. The concentration on the largest sector, namely agriculture, increased slightly to 16.9% of total exposure. The biggest increase was in the transport sector, which had declined sharply during the pandemic.

/ Breakdown of the Group's credit insurance exposure by economic sector at December 31, 2023 (in € billion)



At December 31, 2023, more than 95% of the Group's total exposure consisted of short term risks. The maximum credit term stipulated in its policies rarely exceeds 180 days.

However, an adverse change in the economic cycle (at a global, sector, geographical or country level) resulting from:

- a financial or health crisis, such as the global Covid-19 pandemic in 2020;
- a failure of the Group's management systems, processes or governance;
- a poor assessment of the risks associated with an economic sector, geographical area or country;

could lead to delays in reducing exposures and/or an overestimation of the quality of exposures to the economic sector, geographical area or country concerned. In such an event, the Group's credit risk would increase and it could experience a sharp rise in paid claims, which would have an impact on its loss ratio, operating income, liquidity and solvency margin.

Analysis of the exposure by risk type at the closing date:

i. Insurance service expenses at the Group level:

(in millions of euros)	31/12/2023			31/12/2022		
	Gross of reinsurance	Ceded	Net of reinsurance	Gross of reinsurance	Ceded	Net of reinsurance
Claims expenses and other insurance service expenses	-896.3	139.1	-757.2	-706.3	150.2	-556.1
Amortisation of insurance acquisition cash flows	-196.7		-196.7	-170.1		-170.1
Variations into the future cash flows related to the liability for incurred claims (LIC)	-12.7	7.1	-5.5	-195.5	9,3	-186.1
Losses and losses reversals on groups of onerous contracts	0.6	-0.3	0.3	2.7	-0,6	2.1
Insurance service expenses	-1,105.0	146.0	-959.1	-1,069.2	158,9	-910.3

The claims expenses and other insurance service expenses include the attributable costs.

ii. Loss ratio :

The loss ratio measures the proportion between the claims expenses including claims handling costs and the earned premiums (sum of the issued premiums and the premiums reserves) net of premium refunds. It is analysed gross and net of reinsurance.

	31/12/2023	31/12/2022
Loss ratio gross of reinsurance	35.8%	35.5%
Loss ratio net of reinsurance	37.7%	39.7%

iii. Insurance risk — Development of ultimate claims

The development of claims provisions shows how claims provisions have progressed over the last decade.

The following triangles show the development of the ultimate claims expenditure and sets out, for a given line N, the outlook for each of the subsequent year-ends (N+1, N+2, etc.). The estimated final claims expenditure varies according to the increasing reliability of information relating to claims still pending. The discrepancy between the initial claims expenditure and the final one measures the excess or insufficiency of the provisions originally recorded.

The cumulated claims related to each development year and the closing positions of reserves for incurred claims (LIC) at the end of 2023 for each development year are also presented.

As requested by the standard, the data anterior to 2022 are presented here under the old IFRS 4 accounting standard and from 2022, under the new IFRS 17 standard.

The reconciliation with the financial statements is done in the following note : Reconciliation between the notes Development of ultimate claims and Analysis of the liquidity risk (cf.38.2.2 d) and the financial statements.

Ultimate claims expenditure estimates (undiscounted amounts)– gross of reinsurance

(in millions of euros)

Year of occurrence (N) / year of development	N	N+1	N+2	N+3	N+4	N+5	N+6	N+7	N+8	N+9	TOTAL
2014	599	719	748	710	684	672	670	664	649	645	
2015	593	756	639	600	590	574	577	564	559		
2016	582	720	622	608	600	611	584	579			
2017	604	697	597	548	537	514	503				
2018	632	730	598	562	523	517					
2019	642	784	653	623	593						
2020	653	509	353	358							
2021	622	555	432								
2022	809	764									
2023	843										
Cumulative gross claims	-79	-401	-345	-281	-548	-497	-488	-568	-542	-641	
Gross liabilities - AY from 2014 to 2023	764	363	87	77	45	20	14	11	17	4	1,402
Gross liabilities - AY before 2014											56
TOTAL BE + RA undiscounted											1,458
Discounting											-66
TOTAL GROSS LIABILITIES DISCOUNTED											1,392

The loss experience in 2023 began at a higher level than previous years due to progressive claims experience normalization and the economic uncertainty in Latin America and Western Europe.

Ultimate claims expenditure estimates (undiscounted amounts)– net of reinsurance

(in millions of euros)

Year of occurrence (N) / year of development	N	N+1	N+2	N+3	N+4	N+5	N+6	N+7	N+8	N+9	TOTAL
2014	477	574	596	565	547	537	535	531	519	515	
2015	471	610	509	478	471	458	461	450	446		
2016	460	565	485	474	467	475	454	450			
2017	446	520	454	417	409	392	383				
2018	473	546	445	419	390	385					
2019	477	565	480	459	436						
2020	346	326	215	223							
2021	419	403	313								
2022	611	572									
2023	643										
Cumulative claims net of reinsurance	-61	-309	-249	-165	-404	-370	-373	-442	-433	-512	
Liabilities net of reinsurance - AY from 2014 to 2023	581	263	64	57	32	15	11	9	14	3	1,049
Liabilities net of reinsurance - AY before 2014											44
TOTAL BE + RA net undiscounted											1,093
Discounting											-52
TOTAL LIABILITIES NET OF REINSURANCE DISCOUNTED											1,040

Reconciliation between the notes Development of ultimate claims and Analysis of the liquidity risk (cf.38.2.2 d) and the financial statements:

<i>In millions of euros</i>	31 December 2023
Undiscounted Best estimates	812
Discounting – Best estimates	-31
Undiscounted Risk adjustment	647
Discounting – Risk adjustment	-36
LIC – Liability for incurred claims	1,392
Cash flows related to Provision for incurred claims	4
LIC - Liability for incurred claims net of cash flows	1,395
LRC – Liability for remaining coverage net of cash flows	73
Total Liabilities issued insurance contracts	1,468

<i>In millions of euros</i>	31 December 2023
Undiscounted Best estimates – net of reinsurance	608
Discounting – Best estimates – net of reinsurance	-24
Undiscounted Risk adjustment – net of reinsurance	484
Discounting – Risk adjustment – net of reinsurance	-29
LIC – Liability for incurred claims net of reinsurance	1,040
Cash flows related to Provision for incurred claims – net of reinsurance	-38
LIC - Provision for incurred claims net of cash flows – net of reinsurance	1,002
LRC – Provision for remaining coverage net of cash flows – net of reinsurance	82
Total Liabilities issued insurance contracts – net of reinsurance	1,084

b) Risk of debtor insolvency

DESCRIPTION OF THE RISK:

Insolvency risk is the risk of losses arising from non-payment by a debtor of amounts owed to one of the Group's policyholders.

POTENTIAL IMPACT ON THE GROUP

An overestimation of the quality of our debtors, poor management of debtor concentration or a delay in assessing certain adverse economic developments could lead to the granting of inappropriate limits to companies that may encounter financial difficulties and potentially default on their payment obligations towards our policyholders, thereby increasing the claims submitted to the Group.

RISK MANAGEMENT:

The approval of the maximum amount of risk incurred on debtors is based on an analysis of their financial strength and an assessment of their capacity to pay amounts due to our policyholders in a given economic situation. This analysis is carried out by the Group's credit analysts and underwriters, who continually assess and monitor debtor solvency based on publicly available information and/or data collected directly from the debtors and/or using an internal assessment tool and a historical database.

The default risk of debtors (policyholders' clients) is analysed according to the concentration of exposures to a group of debtors. The Group provides unpaid receivables risk insurance covering nearly two million debtors worldwide. At December 31, 2023, the Group's average exposure to individual debtors increased but was contained, with the average risk per debtor close to €340,000.

The table below shows a breakdown of the Group's policyholders at December 31, 2023 according to the total outstanding credit risk incurred by the Group. Analysis of the number of debtors by amounts outstanding shows that the risk concentration is limited. For example, debtors to which the Group's exposure totals less than €5 million account for 48% of the Group's total exposure.

	OUTSTANDING AMOUNTS* (in millions of euros)
DEBTOR TOTAL EXPOSURE BRACKETS	2023
€1 - €100,000	43,529
€101,000 - €200,000	29,428
€201,000 - €400,000	38,988
€401,000 - €800,000	49,703
€801,000 - €1.5 million	52,087
€1.5 million - €5 million	118,199
€5 million - €50 million	231,458
€50 million - €200 million	82,445
€200 million and more	39,303
TOTAL	685,140

* The outstandings shown are gross of reinsurance (direct business and inward reinsurance) and correspond to the maximum amount of cover granted by the Group to its policyholders. They do not correspond to the effective use thereof by the policyholders.

The risk of debtor insolvency can also be exacerbated by debtors' exposure to climate risk. Coface has incorporated a climate stress test as part of its annual own risk and solvency assessment (ORSA). In a scenario reflecting the risk of a delayed transition to a low-carbon economy, debtors operating in sectors the most exposed to transition risk (such as carbon intensive sectors) and whose financial strength is low or medium would be the most exposed. However, the share of these companies in Coface's portfolio is very low. As a result, the impact of this stress scenario on the Group's profitability and solvency is not material. For more information on how Coface manages environmental risks, please refer to Chapter 6 of the Universal Registration Document.

The Group is mainly exposed to small and medium-sized debtors and, to a certain extent, to larger debtors for larger amounts. Although the Group's exposures are covered by a reinsurance program, the default of a number of small and medium-sized debtors, each for amounts below the minimum amounts covered by the reinsurance program, could be borne directly by the Group. In addition, the default of certain debtors for a significant amount may exceed the upper limit of the reinsurance program. As a result, adverse developments in the economic situation of a debtor, internal defaults of debtors, or a failure in the Group's systems or processes leading to an incorrect assessment of the risk of insolvency of a debtor or group of debtors, may lead to an underestimation of this risk of default of one or more debtors, thereby increasing the claims presented to the Group, which may have a material impact on its operating income, liquidity and solvency margin.

Analysis of the insurance risk sensitivity :

The table below present the impacts in net result and net equity of the variation of 1 point in loss ratio, 2 points and 5 points, with a unchanged level of premiums.

(in millions of euros)	Hypothesis change	Net Result impact		Net equity impact	
		Gross of reinsurance	Net of reinsurance	Gross of reinsurance	Net of reinsurance
Insurance and reinsurance contracts	Var. in loss ratio +1 point	-12	-8	-12	-8
	Var. in loss ratio: +2 points	-23	-16	-23	-16
	Var. in loss ratio: +5 points	-58	-40	-58	-40

The variation of +/- one point of gross accounting loss ratio at 31 December 2023 would have an impact of -12 millions of euros on the net result gross of reinsurance and -8 millions on the net result after reinsurance, -12 millions of euros on the net equity before reinsurance and - 8 millions on the net equity after reinsurance.

The Group considers that a variation of one point of loss ratio is consistent regarding the loss ratio observed on previous years.

Maximal exposure to credit risk

The disclosures « Analysis of the exposure by risk type at the closing date » included in the paragraph « Risk related to the management of the Group's exposure in its trade credit insurance business » are providing the informations related to the maximal exposure to credit risk within the group.

Risk related to the potential insolvency of its reinsurers

The Group's 2023 reinsurance treaties have been concluded with a pool of 24 reinsurance companies without any of them having a dominant exposure. All of the reinsurance companies on the 2023 panel are rated between A- and AA+ by one of the leading international rating agencies. The credit quality of the reinsurance treaties held that are assets is therefore very good.

38.2.2 Financial risk

a) Interest rate risk

DESCRIPTION OF THE RISK:

Interest rate risk represents the sensitivity of the value of assets, liabilities and financial instruments to changes in the yield curve or the volatility of interest rates.

POTENTIAL IMPACT ON THE GROUP

Any significant fluctuation in the value of the Group's bond portfolio due to a change in interest rates may have a material adverse effect on the Group's ability to manage this portfolio on favourable terms, which may have an impact on the Group's cash flows, solvency margin and financial position.

RISK MANAGEMENT:

The Group holds an investment portfolio composed mainly of listed financial instruments. Its portfolio allocation is mainly focused on debt products (almost all at fixed rates), as shown in the table below. The Group's portfolio of assets also enables it to meet some of its liquidity needs.

	AS AT DEC. 31					
	2023		2022		2021	
INVESTMENT PORTFOLIO (FAIR VALUE)*	(in €m)	(as a %)	(in €m)	(as a %)	(in €m)	(as a %)
Shares	80	2.4%	85	2.9%	233	7.6%
Bonds	2269	68.9%	2,265	77.1%	2,115	69.0%
Loans, deposits and other financial investments**	764	23.2%	367	12.5%	507	16.5%
Investment property	180	5.5%	220	7.5%	213	6.9%
TOTAL	3294	100.0%	2,937	100.0%	3,068	100.0%

* Excluding non-consolidated subsidiaries.

** Including units in money market UCITS.

The Group's investment policy aims to respect legal and regulatory requirements while generating regular income with limited risk.

Inflation slowed in 2023, but it nevertheless remained above central bank targets. On the macroeconomic front, growth was surprisingly strong in the United States while Europe avoided the severe recession expected at the beginning of the year. Central banks in advanced economies continued to raise their interest rates, with the cycle widely perceived to be over at the end of the year. Meanwhile, some central banks in emerging economies were already starting to lower theirs.

In this environment of rising interest rates and economic uncertainty, the Group continued to reduce the risk in its portfolio in 2023 by lowering its exposure to assets the most at risk from the economic slowdown (credit, emerging markets and real estate) in favour of developed countries' sovereign bonds. Cash levels remained high throughout the year as a precautionary measure.

The listed equity portfolio was restructured into a long-term investment segment classified at fair value through other comprehensive income not reclassified to profit or loss (FV OCI NR). Bond investments will be recognised at fair value through other comprehensive income reclassified to profit or loss (FV OCI-R).

At December 31, 2023, the fair value of the Group's investment portfolio (excluding non-consolidated subsidiaries) amounted to €3,294 million, up €357 million versus year-end 2022 due to the reinvestment of the €300 million Coface bond (in money market mutual funds and sovereign bonds) and the rise in the infrastructure equity segment.

The bond portfolio is mainly invested in government bonds (57.8% at end-December 2023) and investment grade corporate bonds (40.3% at end-December 2023)⁸. These investments were made in accordance with a clear risk policy with a particular focus on issuer quality, interest rate sensitivity, and the spread of issuers and geographic regions in the investment mandates granted to the Group's dedicated asset managers.

The average rating of the bond portfolio at the end of 2023 was A, with nearly 95.6% of securities rated BBB or above.

⁸ According to the Standard & Poor's rating scale, all bonds rated at least BBB- are considered investment grade, and bonds with a rating of BB+ or lower are considered to be high yield debt.

AT DECEMBER 31, 2023

**BREAKDOWN BY RATING* OF BONDS IN THE BOND PORTFOLIO
(FAIR VALUE)**

	(in €m)	(as a %)
AAA	235	10.4%
AA – A	1255	55.3%
BBB	680	30.0%
BB – B	95	4.2%
CCC and below	4	0.2%
TOTAL	2,269	100.0%

The Group is exposed to interest rate risk on its bond investments, which includes:

- interest rate risk representing the sensitivity of the value of assets, liabilities and financial instruments to changes in the yield curve or the volatility of interest rates, and
- spread risk arising from the sensitivity of the value of assets, liabilities and financial instruments to changes in the level of credit spreads relative to the interest rates at which sovereign bonds are issued.

The modified duration of the Group's bond portfolio is capped at 5⁹ in the Group's internal investment policy. At December 31, 2023, the bond portfolio's modified duration was 2.9, down 0.3 compared with the end of 2022. The Group's exposure to interest rate risk and, consequently, to spread risk, therefore remains limited.

However, fluctuations in interest rates have a direct impact on the market value and return on the Group's investments since unrealised gains or losses and the return on securities held in its portfolio depend on the level of interest rates. Interest rates are highly sensitive to a number of external factors, including monetary and fiscal policies, domestic and international economic and political environments, and investors' risk aversion.

The risk associated with a significant drop in interest rates is that either the portfolio's average rate decreases (in which case reinvestments are made at lower rates) or the portfolio's duration increases (which may make the portfolio more sensitive to future interest rate fluctuations). The risk associated with rising interest rates is a fall in the market value of the bond portfolio, which may lead the Group to record unrealised losses.

At December 31, 2023, the Group considered that an increase in interest rates of 100 basis points would have an impact of €66.7 million on the fair value of its portfolio (excluding hedging activities).

/ Sensitivity of the portfolio to variation in interests rates at 31 December 2023 (1)

(in millions of euros)	NET RESULT IMPACT		NET EQUITY IMPACT	
	+100 pbs	-100 pbs	+100 pbs	- 100 pbs
Bonds	-1	+1	-52	+52

(1) Hors effet de couverture éventuel.

⁹ A bond's modified duration measures its loss of value in the event of a rise in interest rates. Thus, a bond with a modified duration of 4 will see its market value decrease by 4% if interest rates rise by 1%.

/ Sensitivity of the insurance and reinsurance contracts to variation in interests rates at 31 December 2023

Credit-insurance, Coface's core activity, is a short-term business, that is why the liabilities show a short tem duration. It limits the risks linked to the interests rates variation.

(in millions of euros)	Accounting value as at Dec. 31, 2023	Impact increase in interest rates of 100 bps	Impact decrease in interest rates of 100 bps
Technical liabilities net of reinsurance	1,084	(13)	13

(in millions of euros)	NET RESULT IMPACT		NET EQUITY IMPACT	
	+100 pbs	-100 bps	+100 bps	- 100 bps
Technical liabilities net of reinsurance	-	-	10	(10)

b) Real estate risk

DESCRIPTION OF THE RISK:

Real estate risk represents the sensitivity of the value of assets, liabilities and financial instruments to changes affecting the level or volatility of the market value of real estate assets.

POTENTIAL IMPACT ON THE GROUP

Any significant change in the value of the Group's real estate portfolio due to real estate market trends may have an adverse effect on the value of the Group's portfolio and on its ability to manage this portfolio on favourable terms, which may have an impact on the Group's cash flows, solvency margin and financial position (see sensitivity table below). The change is recognised directly in the Group's financial income (IFRS 9) because the funds are recognised at fair value through profit or loss.

RISK MANAGEMENT:

The Group's real estate portfolio consists of property used for its operating activities and investments having real estate as their underlying assets.

At December 31, 2023, the fair value of the Group's real estate exposure was €237 million, with €57 million in real estate assets used for its operations and €180 million in real estate investment funds invested in real estate assets linked to various economic sectors in Europe. Investment in real estate investment funds accounts for a limited portion of the Group's investment portfolio (5.5%) due to the low liquidity of this asset class.

Some real estate assets in the investment portfolio were reallocated from offices and retail to residential properties.

The rental income of the real estate portfolio is exposed to variations in the indices used to calculate rents (for example, the cost of construction index in France), risks related to the rental market (changes in supply and demand, vacancy rates, impact on market rental values or lease renewals) and the risk of default by leaseholders.

The value of real estate assets is exposed to the risk of obsolescence due to changes in applicable regulations, which could lead to impairment losses in the event of a sale of the assets or additional expenditure to restore the value of the assets.

In 2023, the impact of this asset class on financial income was -€28.9 million.

The following table assesses the portfolio's sensitivity to a downturn in the real estate market:

/ Sensitivity of the portfolio to the decline in the real estate market at December 31, 2023

(in millions of euros)	MARKET VALUE AS AT DEC. 31, 2023	IMPACT OF A 10% DECLINE IN THE REAL ESTATE MARKET	IMPACT OF A 20% DECLINE IN THE REAL ESTATE MARKET
Real estate assets	180	(18.0)	(36.0)

/ Sensitivity of the portfolio to the variation in the real estate market at December 31, 2023

(in millions of euros)	NET RESULT IMPACT		NET EQUITY IMPACT	
	+10%	-10 %	+10%	- 10 %
Real estate assets	14	(14)	14	(14)

c) Foreign exchange risk

DESCRIPTION OF THE RISK:

Foreign exchange risk is the risk of loss resulting from adverse changes in exchange rates.

POTENTIAL IMPACT ON THE GROUP

Given its global presence, the Group is exposed to exchange rate fluctuations that may affect its profitability, financial position, liquidity and solvency margin. This could have an impact on the Group's operating income (for example, turnover from subsidiaries or liabilities denominated in specific currencies) and on the value of the Group's assets (for example, through direct investments in assets denominated in foreign currencies).

RISK MANAGEMENT:

At December 31, 2023, 36.4% of the Group's consolidated turnover was denominated in currencies other than the euro (mainly the currencies of the United States, the United Kingdom, Singapore and Hong Kong) thus exposing the Group to foreign exchange risk. Emerging countries account for 15% of the Group's revenue, with the three biggest countries being Israel 2%, Brazil 2% and Poland 4%.

Most of the Group's investments are denominated in euros. At December 31, 2023, more than 80% of its investments were denominated in euros and the exposure to foreign exchange risk (mainly in US dollars, Singapore dollars, pounds sterling and Hong Kong dollars) was therefore limited. The absolute weight of emerging currencies in the portfolio is 2.7%, with the most significant countries being Chile, with 0.7% and Brazil, with 1.0%.

However, the following types of foreign exchange risk have been identified by the Group:

- *Operations:* fluctuations in exchange rates may have consequences on the Group's operating income due to the translation of foreign currency transactions, the settlement of balances denominated in foreign currencies and a mismatch between monetary assets and liabilities in foreign currencies. To reduce the impact of this mismatch, the Group uses derivatives to hedge its positions against foreign exchange fluctuations in sensitive currencies, particularly during periods of heightened volatility on the capital markets. However, it is never possible to fully align monetary assets and liabilities and a potential impact on profits and losses may be recorded as a result of fluctuations in exchange rates and since these transactions are not subject to hedge accounting under IFRS.
- *Conversion:* the Group publishes its consolidated financial statements in euros, but some of its income and expenses, as well as its assets and liabilities, are denominated in currencies other than the euro. As a result, fluctuations in the exchange rates used to convert these currencies into euros may have a significant impact on reported turnover from one year to the next. In particular, the significant volatility of emerging currencies against the euro may significantly alter the contribution of the countries concerned to the Group's turnover.

- *Hyperinflation*: the Group is exposed to significant inflationary risks, especially in Argentina, Brazil, Israel and Turkey. In the absence of currency hedging (which is too costly), there is a real risk of a massive devaluation of assets. Hyperinflation thus generated a loss of €10.9 million in income¹⁰.

Any significant change in the exchange rates for currencies in which the Group operates or manages its assets is therefore likely to have an adverse effect on its cash flows, solvency margin and financial position as well as the value of its portfolio.

/ Sensitivity of the net result and net equity to a variation in Foreign exchange rates at 31 December 2023 (1)

(In millions of euros)	Net result impact		Net equity impact	
	+10%	-10%	+10%	-10%
USD				
Technical reserves net of reinsurance	14	(16)	19	(19)
Financial assets	(11)	11	(20)	20
HKD				
Technical reserves net of reinsurance	0	0	0	0
Financial assets	0	0	-5	5
GBP				
Technical reserves net of reinsurance	0	0	5	-5
Financial assets	0	0	-5	5

(1) Excluding any hedging impact.

d) Liquidity risk

DESCRIPTION OF THE RISK:

Liquidity risk arises from the fact that of not being able to sell its securities due to the non-existence or narrowness of a market for them.

POTENTIAL IMPACT ON THE GROUP¹¹

Adverse conditions on the capital markets could have a significant impact on the Group's ability to fund its factoring business.

RISK MANAGEMENT:

The Group has a commercial credit insurance business, which is the core of its business model, but has also developed a factoring business in Germany and Poland.

Through this business, the Group acquires and finances its clients' trade receivables, thereby generating a significant liquidity requirement insofar as it does not have an internal source of financing. For example, the liquidity used to fund this activity amounted to more than €2.4 billion at December 31, 2023. To finance its factoring activity on a sustainable basis, the Group has a diversified and resilient refinancing program, consisting of a trade receivables securitisation program of up to €1,300 million (increased from €1,200 million at December 31, 2022), and a commercial paper program for up to €700 million (unchanged since December 31, 2022) as well as several credit lines and overdraft facilities for a maximum of €1,787 million. The Group's refinancing program is oversized and guaranteed for a much longer maturity than the underlying short-term trade receivables it finances. It includes back-up facilities for its market financing solutions such as the commercial paper and securitisation programs.

¹⁰ Two contributing entities: Coface Service Argentina and Coface Saporta (Turkey).

¹¹ Significant inherent impact 2023 / Low residual impact 2023.

Any substantial downgrade of the credit ratings of the Group or one of its entities or any non-compliance with the obligations set out in the financing agreements could have a material adverse effect on the Group's ability to fund its factoring business due to the loss of financing available under existing credit facilities or difficulties in renewing these credit lines. In addition, any market event leading to the unavailability of the debt market or the commercial paper market, as sometimes happens during a financial crisis, could compromise the Group's ability to obtain adequate funding and lead to a decline in business and consequently a loss of revenue.

Liquidity tensions related to the payment of claims to its policyholders and/or the failure of some of its reinsurers to meet their obligations could cause the Group to record a loss in value of its portfolio. Significant disposals required within a few days and carried out urgently on illiquid assets or involving high execution costs could impact the value of the portfolio in sudden or adverse market scenarios, thereby having consequences for the Group's solvency margin and/or net income.

The Group's investment portfolio must be sufficiently liquid to meet significant cash requirements at all times. For this reason, it consists mainly of debt products (which represent the bulk of the Group's overall asset allocation) with a fixed rate and short duration, in line with the Group's liabilities. In addition, the Group allocates a significant portion of its assets to highly liquid money market instruments, which accounted for 23.2% of the investment portfolio at December 31, 2023 (loans, deposits and other financial investments), corresponding to €764 million at this date. Under current market conditions and according to the Group's assessment, this amount could be fully available in less than 15 days.

The following table presents the breakdown of the duration of the Group's bond portfolio:

BREAKDOWN OF THE BOND PORTFOLIO BY DURATION	AT DECEMBER 31, 2023	
	(IN €M)	(AS A %)
< 1 year	425	18.7%
1-3 years	939	41.4%
3-5 years	447	19.7%
5-10 years	372	16.4%
> 10 years	87	3.8%
TOTAL	2,269	100.0%

At December 31, 2023, 60.1% of the bond portfolio had a duration of less than three years.

This short duration allows the Group to have regular access to liquid assets that may be allocated to operating needs if necessary or to make regular reinvestments in market securities.

As an insurer, the Group must regularly pay claims and has implemented liquidity management policies for its investment portfolio as well as clear rules for monitoring its reinsurers' default risk.

Analysis of the maturities of the risk liquidity

The table below presents the undiscounted estimates of future cash flows (or *Best estimates*) by maturity date. The total of the liabilities represent 811 millions of euros of which 560 millions of euros, representing 69% of the total, are with a maturity date equal or inferior to 1 year. Credit- Insurance, core business activity is short term, that is why the insurance liabilities duration is short. It limits the liquidity risk.

The estimates of future cash flows, when they are realised, are fully payable on demand.

AS AT 31 DECEMBER 2023	Undiscounted estimates of future cash flows						
In millions of euros	<= 1 year	1 - 2 years	2 - 3 years	3 - 4 years	4 - 5 years	> 5 years	TOTAL
Liabilities - Issued insurance contracts	560	151	31	24	22	23	811
Total	560	151	31	24	22	23	811

e) Equity risk

DESCRIPTION OF THE RISK:

Equity risk arises from the sensitivity of the value of assets, liabilities and financial instruments to changes affecting the level or volatility of the market value of equities.

POTENTIAL IMPACT ON THE GROUP¹²

Any significant change in the value of the Group's equity instruments due to a decline in the equity markets may therefore have an adverse effect on the value of the Group's portfolio and on its ability to manage this portfolio on favourable terms, which may have an impact on the Group's cash flows, solvency margin and financial position (see sensitivity table below).

RISK MANAGEMENT:

At December 31, 2023, equity investments accounted for 2.4% of the Group's investment portfolio, compared with 2.9% at the end of 2022.

This exposure is concentrated in the eurozone, in line with the Group's core business.

The recognition of shares at FV OCI NR in accordance with the Group's implementation of IFRS 9 limits the impact of changes in the value of shares in the portfolio on the balance sheet. This approach is justified as these are long-term investments bearing significant dividends. As a result, the equity portfolio is extremely stable and has no impact on the Group's financial income besides the dividends received.

Equity prices may be affected by risks affecting the market as a whole (uncertainty over general economic conditions, such as expected growth trends, inflation, interest rate fluctuations, sovereign risk, etc.) and/or by risks affecting a single asset or a small number of assets. This may result in a fall in the price of equity instruments held by the Group and may have an impact on its realised or unrealised capital gains and losses.

The following table assesses the portfolio's sensitivity to changes in the equity market:

/ Sensitivity of the portfolio to changes in equity markets at December 31, 2023

(in millions of euros)	Market value as at Dec. 31, 2023	Impact of a 10% fall in equity markets (1)	Impact of a 20% fall in equity markets (1)
Shares	80	(8.0)	(16.1)

(in millions of euros)	NET RESULT IMPACT		NET EQUITY IMPACT	
	+20%	-20%	+20%	- 20%
Shares	1	(1)	12	(12)

¹² Medium inherent impact 2023 / Low residual impact 2023.

38.2.3 Strategic risk

a) Risks related to market and geopolitical conditions

DESCRIPTION OF THE RISK:

The risk associated with market and geopolitical conditions can be defined as “all events or decisions of a political or administrative, national or international nature that may result in economic, commercial or financial losses for the company, whether it is an importer, exporter or foreign investor”.

POTENTIAL IMPACT ON THE GROUP

Business failures were low during the post-pandemic recovery but are expected to increase, which could lead to higher credit losses for the Group and/or a loss in value of its investments. In addition, the economic environment has become less favourable. The war in Ukraine has also intensified downward pressure on global growth.

RISK MANAGEMENT:

The global economic slowdown continued in 2023. Global inflation remained high, although it slowed due to an easing in commodity and manufactured goods prices. Against this backdrop, the main central banks continued to raise their key rates until the summer. Many governments have at least partially withdrawn support measures for businesses and households due to the deterioration in their public accounts.

The war in Ukraine continued to weigh on business and consumer confidence, particularly in Europe due to the immediate proximity of the military operations. The conflict between Israel and Hamas in Gaza from October reinforced this trend.

China's post-COVID recovery was sluggish due to the decline in its real estate sector which was hampered by massive private sector debt, and poor exports, particularly to Europe. Apart from net energy exporters, emerging economies suffered from sluggish Chinese demand, a strong dollar and the resulting funding difficulties.

With the reduction in aid and the tightening of credit conditions, the rise in business failures was confirmed in most advanced economies. In 2022, they returned to or exceeded pre-pandemic levels in most countries.

In 2024, the global economic slowdown is expected to continue (+2.2%, after +2.6% in 2023 and +3.1% in 2022).

However, the second half of the year should see the start of a recovery. Financing conditions will remain tight despite likely rate cuts by central banks, which are now implementing or accelerating their quantitative tightening (QT).

The fight against inflation is not over, with core inflation rates still above central banks' targets, especially as wage growth is strong and labour markets remain tight. Commodity prices are not expected to rally sharply despite persistent supply constraints, notably due to the slowdown in demand. However, they will remain above pre-pandemic levels. At the global level, inflation will fall by more than interest rates, leading to a rise in real rates over the year as a whole, particularly at the long end of the yield curve, given the reduction in central bank balance sheets and the still substantial supply of paper by national treasuries (public deficits still very high).

Most countries will experience a sharp slowdown in 2024. This is particularly true in the United States, as the additional savings accumulated by households during Covid are drying up and wage growth has begun to lose momentum. The uncertainty surrounding the outcome of the November elections will also certainly slow the reduction in savings. The extent of the Chinese slowdown in a context of weak external demand and relatively sluggish household consumption will depend on the extent of the support the authorities provide. However, Europe is expected to accelerate slightly, thanks in particular to the expected (hoped for) rebound of the German economy after the contraction recorded in 2023.

Overall, the global economy will be driven mainly by the emerging Asian economies, despite the slowdown in China. This still gloomy economic outlook for 2024 is likely to push business failures even higher. The catch-up effect linked to the artificial survival of certain companies, thanks to public aid during the three Covid years, is expected to continue.

In addition, continued tighter financial conditions will put company balance sheets to the test as they have to refinance their debts, with higher interest charges adding to a likely contraction in margins. Risks, mainly to the downside, weigh on this outlook.

The first are of a geopolitical nature. An intensification of the war in Ukraine and the Black Sea, with renewed supply disruption, could lead to a further rise in the prices of agricultural commodities, but also of energy, especially if Western sanctions against Russia are tightened. An intensification and extension of the conflict between Israel and Hamas could also have an impact on energy prices, as much of the world's oil and gas passes through the neighbouring straits of Hormuz and Bab-el-Mandeb. Many shipowners have already stopped using the Red Sea and Suez Canal route in response to attacks by Yemeni Houthi rebels influenced by Iran, resulting in an increase in freight rates. An escalation in the South China Sea or near Taiwan, particularly at the end of the year (US elections), is still possible, while relations between China and the United States remain tense. More generally, greater audacity inspired by Russian aggression may lead to territorial aggression wherever borders are disputed.

The outcome of the US presidential election is likely to interact with and intensify these risks. In addition to the United States, around forty countries (representing 42% of the population and 60% of the world's GDP) are holding national elections in 2024. While many of them are unlikely to bring major surprises or present no domestic or external risk, this is not the case with elections planned for example in South Africa, Bangladesh, and Pakistan.

Alongside these political and geopolitical risks there is the return, or rather the intensification, of climate risk, with in particular the El Niño phenomenon, which began in the second half of 2022 and will continue into 2024, causing periods of intense drought and/or flooding depending on the region. Crops of certain foodstuffs, such as rice in Asia, could be severely affected.

The materialisation of some of these risks could lead to a further rise in commodity prices and an upturn in global inflation and could call into question the monetary easing currently anticipated by the market. Many governments, particularly in emerging and developing countries, faced with the depletion of budgetary resources after a succession of short-term crises, are already being forced to implement consolidation measures. They would struggle to find the means to ease the impact of a new shock on their people, even at the risk of deteriorating an already precarious political and social situation.

b) Risks related to changes in the regulations governing the Group's activities¹³

DESCRIPTION OF THE RISK:

Regulatory risk arises in the event of non-compliance with the applicable regulations and can result in regulatory and financial penalties.

POTENTIAL IMPACT ON THE GROUP

If the Group is unable to comply with regulatory changes, new accounting standards or tax reforms, this could have a negative impact on its business or its financial position.

RISK MANAGEMENT:

A significant portion of the Group's business is subject to the obtaining of approvals and licences issued by the public authorities in charge of supervising and controlling credit insurance and factoring activities. Under its strategy of sustained and profitable growth, the Group is developing new activities in certain countries and must obtain all the approvals, licences and authorisations necessary to carry out these activities. For example, in 2019, the Group launched a new credit insurance offering in Greece through a local branch that had to obtain the necessary local and European authorisations.

Any major difficulty encountered in obtaining such authorisations could delay or jeopardise its establishment in these new countries. Similarly, the non-renewal, suspension or loss of these authorisations could have a material adverse effect on its business, operating results, financial position and outlook.

¹³ *Medium inherent impact 2023 / Low residual impact 2023.*

In addition, the patchwork of regulatory regimes, capital standards and reporting requirements resulting from work on new capital requirements, as well as possible changes to solvency and capital adequacy requirements, such as the regulatory framework established by Solvency II or the forthcoming Insurance Recovery and Resolution Directive, could increase compliance risk, operational complexity and regulatory costs.

Tighter controls and higher capital requirements aimed at further strengthening the protection of policyholders and/or financial stability could affect the calculation of the local solvency margin and have a material adverse impact on the Group by increasing its external financing requirements and, as such, raising its funding costs. Insurance supervisors have broad administrative powers over many aspects of the insurance industry and the Group is unable to predict the timing or form of future regulatory initiatives.

In addition, changes in accounting standards could have a significant impact on the Group by affecting the accounting treatment of certain assets and liabilities and thereby modifying the consolidated financial statements from one year to the next. These changes may have an operational and financial impact, particularly on information systems. Changes in accounting standards may also change investors' perception of the Group's results and financial statements without being related to changes in the Group's activities.

Changes in tax laws and regulations or their interpretation may have a negative impact on the Group's performance, including its financial results and business model. In particular, legislative or regulatory changes may reduce the risk appetite of third parties and impact certain Group activities.

The Group carries out constant legal and regulatory monitoring to take into account regulatory and accounting changes and to maintain compliance.

c) Risk of deviating from the strategic plan

DESCRIPTION OF THE RISK:

The risk of deviating from the strategic plan is reflected in all the risks associated with strategic choices to adapt to the competitive environment.

POTENTIAL IMPACT ON THE GROUP¹⁴

Failures in the management or implementation of the strategic plan could have a negative impact on the Group's results and competitiveness and investors' perception, as well as on the level of dividend payments to its shareholders.

RISK MANAGEMENT:

Under the leadership and oversight of senior management, the 2024-2027 strategic plan will be presented on 5 March 2024. It was developed in consultation with the Group's regions and functional departments to ensure it was relevant and to engage its operational teams. A dedicated organisational structure was set up to monitor execution of the plan and thus minimise the risk of deviating from its objectives.

In addition to the risk factors related to market conditions, risks associated with the achievement of the Group's strategic objectives could result from the emergence of:

- risk factors likely to have an impact on the Group, such as the strategy or development of other credit insurance players,
- endogenous factors such as a product launch that does not meet its market or generates excessive risks,
- delays in certain investment, adaptation or transformation projects,
- shortcomings in steering the strategic plan.

If the plan is not implemented as planned, the Group may need to adjust one or more of the strategic indicators provided to the market, which could have an impact on:

- its ability to pay dividends to its shareholders,
- the perception of its activities by the capital markets and investors in general, thereby putting pressure on the market value of its financial instruments and having a negative impact on its results or competitiveness.

¹⁴ Significant inherent impact 2023 / Low residual impact 2023.

d) Reputational risk

DESCRIPTION OF THE RISK:

Reputational risk is the risk that an internal or external event adversely affects stakeholders' perception of and confidence in the Group. It may also arise if there is a divergence between stakeholders' expectations and the Group's results.

POTENTIAL IMPACT ON THE GROUP¹⁵

Adverse events affecting the Group's reputation may compromise the Group's ability to take on a risk, sell services and/or obtain competitive reinsurance terms.

RISK MANAGEMENT:

Errors in the management of its investment portfolio or mismanagement of its exposures to certain geographical areas, economic sectors or debtors, particularly in a situation of economic uncertainty (see risk factor 5.2.1 "Risk related to the management of the Group's exposure in its insurance business"), serious IT failures affecting, for example, clients or partners or causing data leaks (see risk factor 5.2.5 "Risks related to information systems and cybersecurity"), or inadequate management of its environmental, social and governance policy could generate reputational risk for the

Group and affect its ability to underwrite a risk and/or obtain competitive reinsurance terms.

The deterioration of the Group's reputation may also affect its ability to finance its activities, particularly its factoring business, or increase its financing cost. Due to these factors, a deterioration in the Group's reputation could affect its solvency margin, cash flows and operating income.

Reputational risk management is closely linked to the overall mapping of the Group's risk exposures. Identifying risks with a potential impact on the Group's reputation is essential in order to establish appropriate preventive measures. Coface's operations (such as handling customer complaints) also limit reputational risk.

38.2.4 Reinsurance risk

a) Residual reinsurance risk

DESCRIPTION OF THE RISK:

The main reinsurance risk is a lack of coverage available on the market, which would reduce the Group's risk appetite for future uncovered extreme credit events.

POTENTIAL IMPACT ON THE GROUP

Under certain adverse circumstances, reinsurance treaties may not be renewed in full or extended in line with the development of the Group's activities, which may have an adverse impact on the Group's solvency margin and operating income.

RISK MANAGEMENT:

This risk may increase due to changes in the economic cycle, a poor financial performance by the Group, or a decline in the attractiveness of the credit insurance and bonding segments in relation to other risk segments that could be considered to be more profitable by the reinsurance market.

The Group has structured its reinsurance program as follows:

- two proportional treaties covering 23% of its exposure. The renewal dates for these two-year quota share treaties are 12 months apart, so half of the coverage is already secured for the following year regardless of the outcome of the renewal in progress. Proportional coverage aims to protect the Group against a significant increase in the frequency of claims;

¹⁵ Medium inherent impact 2023 / Low residual impact 2023.

- a proportional treaty covering 27% of its exposure to bonding and single risk insurance. This 27% is in addition to the ceded reinsurance rate of 23%, bringing the share on bonding and single risk to 50%;
- after the quota shares, the residual exposure is covered by two excess of loss treaties aimed at covering the Group against the default of a significant exposure or the accumulation of losses related to small and medium-sized exposures. This coverage aims to protect the Group against an exceptional risk with a very high adverse financial impact;
- in the long term, the Group's residual exposure is also covered by a two year stop loss reinsurance treaty covering the Group against a combination of exceptional events.

If one or more reinsurance treaties cannot be renewed or are renewed for a lower coverage amount, the Group will incur more risks than expected, which may increase the final share of the losses it will have to finance and may have a negative impact on its solvency and operating income. In the event of serious losses, reinsurance companies may increase premiums, which may also have a direct impact on the Group's operating income.

The Group faced a capacity shortage at the end of 2008 and could only partially place its proportional reinsurance program and the overall cost of the reinsurance program was significantly higher than in the previous year. If a similar event occurs in the future with the current reinsurance structure, this may have a negative impact on the Group's solvency margin.

38.2.5 Operational and compliance risk

a) Risks related to information systems and cybersecurity

DESCRIPTION OF THE RISK:

The risk related to information systems and cybersecurity arises from all internal or external risks of a malicious or non-malicious nature related to the use of digital technologies and affecting the confidentiality, integrity or availability of data and information systems.

POTENTIAL IMPACT ON THE GROUP

Like any company, the Group is exposed to cyber attacks or other security vulnerabilities in its IT systems and infrastructure, or in those of its third-party service providers, which could disrupt its activities, cause significant financial losses, harm its reputation and expose it to possible sanctions from the regulatory authorities.

RISK MANAGEMENT:

As part of its trade credit insurance activities, the Group allocates its exposures between clients operating in a wide range of economic sectors and established in different countries around the world.

As dependency on technology and digital infrastructure and third parties increases, the risks associated with information systems and cybersecurity are important for the Group. Information system risks may occur in project, design or production phases, and may be caused by technical or human errors, negligence or a lack of control or skills.

Cybersecurity risks are mainly caused by internal or external malicious acts, for example, cyber attacks. These actions and the risks associated with the information system could lead to a breach of the confidentiality, integrity or availability of the Group's in-house or outsourced information systems.

The Group is exposed to cyber attacks or major failures in information systems affecting its systems or those of its third-party service providers, which may disrupt its activities (credit insurance, factoring, bonding, debt collection, business information). These attacks may vary greatly in terms of their sophistication and execution. The main types of attack include:

- *Phishing or spear phishing*: scams by e-mail, social networks, SMS, voice calls, etc. could result in financial transactions or cause viral infection of information systems, leading to direct financial loss, disclosure of confidential information or the loss of integrity of our systems.

- *Data leakage*: data could be stolen or made public in breach of the Group's regulatory or contractual obligations.
- *Data diddling*: data could be deleted or corrupted, resulting in business interruption, loss of business and extended disruption due to the complexity of returning to a normal situation.
- *Ransomware*: key infrastructure components (such as Active Directory¹⁶) could be attacked, leading to the partial or complete interruption of the Group's information systems. The Group may receive ransom demands and its activity could be suspended for several weeks.
- *System failure, loss of internet access or electricity supply*: systems and applications could be slowed or interrupted, resulting in lost productivity and repair costs.
- *Failure of a key supplier*: for accidental or malicious reasons – these failures could disrupt the activity and require the implementation of possibly complex alternative or isolation solutions.
- *Distributed Denial of Service (DDoS)*: the Group may be the target of DDoS attacks resulting from malicious attempts to disrupt the normal traffic of its data centres or internet portals by overloading the systems or their surrounding infrastructure with internet traffic from multiple sources. The Group's data centres or internet portals could become unavailable in the event of a successful DDoS attack.

Any of the above could cause significant damage to the Group's systems or data and could therefore lead to financial losses for the Group, harm its reputation and give rise to client complaints. This type of cyber attack may also result in a breach of the legal responsibility of the Group's executives and could also give rise to regulatory sanctions depending on the sensitivity of the data or the location of the system that is successfully attacked.

The Group's risk management strategy for information systems and cybersecurity is based on a comprehensive governance framework organised according to the three lines of defence in compliance with the regulations applicable to the Group and leading international standards.

This framework consists of a set of cybersecurity risk policies validated by the Group's Board of Directors and reviewed annually, a set of operational procedures aligned with these policies, a set of level one and level two controls aligned with indicators and a risk taxonomy in accordance with the recommendations of the ACPR in particular. The Head of IT Security represents the first operational line of defence, in the Business Technology department. The Group Information Systems Security Manager represents the second line of defence, in the Risk division. Internal Audit is the third line of defence.

An Information Systems Security and Business Continuity Committee meets quarterly to steer the management of information systems security and business continuity.

The Group has also committed to a program to comply with DORA (Digital Operational Resilience Act), extending the information systems and cybersecurity risk management framework already in place.

- This risk management is based on the following main pillars approved by general management or the Group Risk and Compliance Committee: The protection of our critical infrastructures and our data: a strategic cybersecurity plan is used to manage investments in this area based on maturity assessments, the risk mapping and independent assessments (red team, penetration tests, code review, phishing simulations, etc.);
- Management of our critical suppliers: particular attention is paid to drawing up an inventory of our external or intra-group IT suppliers, risk management is adapted to their criticality throughout the contractual relationship, including the assessment and monitoring of their security levels and their gradual integration into our IT continuity tests;
- Cyber resilience: a comprehensive crisis system has been implemented to identify major cyber attack scenarios for the Group, manage the crisis and recover as quickly as possible. This system is regularly updated on the basis of lessons learned from simulations organised with members of the crisis system up to the highest level of management.

A cyber risk awareness and digital resilience plan is also implemented throughout the year, notably through mandatory awareness-raising sessions, the results of which are monitored by general management.

¹⁶ The main objective of Active Directory is to provide centralised identification and authentication services to a network of computers.

b) Modelling risk

DESCRIPTION OF THE RISK:

Modelling risk is the potential loss caused by model-based decisions and, in particular, errors in the development, implementation or use of these models.

POTENTIAL IMPACT ON THE GROUP

The Group uses a number of models to carry out its activities. In certain circumstances, some models may no longer behave as expected, resulting in an inadequate assessment of its level of loss.

RISK MANAGEMENT:

In performing its activities, the Group uses a number of models such as macroeconomic or stochastic models, debtor default prediction models, financial risk projection models to calculate premiums, and a partial internal model to calculate its regulatory capital requirement.

These models are based on estimates and assumptions that may prove incorrect. Some data may be incomplete or imperfect, and execution systems and procedures may have limitations or weaknesses, which could lead to errors in the pricing of insurance premiums in relation to the risk incurred for a given debtor, in the Group's assessment of the quality of its exposure in certain geographical areas or economic sectors, in the establishment of technical provisions¹⁷ or in the Group's management of its asset portfolio.

In order to build up technical reserves for claims, the Group makes estimates based on various modelling techniques, using internal and external tools. Modelling results and the related analyses are subject to the various assumptions, expert judgements, modelling errors and limitations inherent in any statistical analysis. Differences may be observed retrospectively between the Group's estimates and the actual cost of claims.

The technical reserves recognised in the IFRS financial statements cover simulated differences in reserve risk with a sufficient margin.

Furthermore, the Group's internal risk policy specifies that the level of reserves (all business lines and years combined) must at least equal the 90% quantile of the distribution of reserves for claims. At December 31, 2023, accounting reserves exceeded the 90% quantile, thereby protecting the Group from a reserve shortfall in nine cases out of ten.

The modelling techniques used to estimate accounting reserves are also used to determine how these reserves will be run off over time (in series of future cash flows).

Since the implementation of IFRS 17, these run-off assumptions have allowed the discounting of accounting reserves, which are therefore subject to the risk of interest rate fluctuations.

As a result, if the models no longer behave as initially expected, this could have an impact on the Group's loss ratio, financial forecasts, solvency margin, cash flows, earnings and reputation.

Risk is monitored first and foremost through controls implemented by the teams in charge of model specification, but also by the users of the models within the business divisions. In addition, the main models used within the Group, such as those used to assess technical provisions, regulatory capital or the probability of default of debtors, are subject to dedicated governance structures. The model validation team within the Group Risk Department implements independent controls to monitor the quality of the models, with results reported to the Group Risk and Compliance Committee¹⁸.

¹⁷ Details of technical provisions are provided in note 38 to the consolidated financial statements.

¹⁸ COFACE SA's Coface Group Risk and Compliance Committee is a Group-level body whose remit applies to all Group companies, including COFACE SA. Its tasks are described in section 5.3.3. of the Universal Registration Document.

c) Compliance risk

DESCRIPTION OF THE RISK:

Compliance risk is defined as the risk of non-compliance with laws and regulations or internal policies and rules that may lead to sanctions, financial losses and damage the Group's reputation.

POTENTIAL IMPACT ON THE GROUP

Through its international activities, the Group could be exposed to the risk of violation of economic sanctions and the breach of laws and regulations covering corruption, money laundering and terrorist financing, or external fraud, which could expose it to regulatory fines, financial losses and reputational harm.

RISK MANAGEMENT:

As an entity supervised by the *French Prudential Supervision and Resolution Authority (ACPR)*, Coface Group must comply with French, national and international laws, regulations, and professional and ethical standards relating in particular to economic sanctions, anti-money laundering and counter-terrorist financing measures, the fight against corruption, and other local financial crime regulations applicable to its activities.

Since it does business in more than 100 countries, the Group must comply with international sanctions regulations issued in particular by the United Nations, the European Union, France and the Office of Foreign Assets Control (OFAC) of the US Treasury Department. In particular with regard to anti-corruption laws and regulations, the Group must comply with the provisions of the Sapin II law in France, the US Foreign Corrupt Practices Act (FCPA) and other local laws such as the UK Bribery Act.

Any breach of these laws and regulations could expose the Group to regulatory fines, financial losses and reputational harm that could have a direct and material impact on its business.

The Group has put in place a compliance program to mitigate its exposure to compliance risk, notably through a control plan and an employee training and awareness-raising system. In addition, compliance with international sanctions is monitored on a daily basis.

d) Outsourcing risk

DESCRIPTION OF THE RISK:

The risk associated with outsourcing is the risk of a disruption in business continuity, poor service quality, information system security breaches, fraud or the risk of supplier disputes.

POTENTIAL IMPACT ON THE GROUP¹⁹

The Group relies on a wide range of service providers in conducting its activities. The use of outsourcing may have consequences for its financial performance, relationship with clients or reputation. Outsourcing risk covers both the outsourcing of activities covered by regulations and outsourcing outside the regulatory framework to external or internal service providers in the Shared Service Centres.

RISK MANAGEMENT:

Outsourcing may expose Coface to several types of risks, including:

- the sub-performance of the outsourced service in relation to the Group's standards,
- vulnerability in the selection, assessment and management of a service provider,
- disruption of the business continuity system,
- leak of confidential data,
- fraud by a supplier,
- the risk of money laundering, terrorist financing or corruption,
- the risk of non-compliance with international sanctions.

¹⁹ Significant inherent impact 2023 / Medium residual impact 2023.

Due to these issues, policies cover the selection, governance and supervision of outsourced services. In addition, a control environment enables the Group to ensure compliance with the regulatory requirements applicable to such outsourcing.

Since the entry into force of the Solvency II Regulation, the outsourcing of important or critical functions and/or activities is strictly governed by the regulations applicable to insurance companies.

To date, the material or critical activities outsourced by the Group concern the financial investment management activity and the hosting of information systems. Certain actuarial services are also outsourced by various Group entities.

Key functions are rarely outsourced: Key functions are rarely outsourced with the exception of the Know Your Customer (KYC) process, which has been outsourced internally by certain Group entities.

38.2.6 Climate change risks

DESCRIPTION OF THE RISK:

Climate risk refers to potential hazards, disturbances or damage caused by climate change.

POTENTIAL IMPACT ON THE GROUP

Climate risks are one of Coface's strategic priorities as they affect its activities at two levels (the impact of Coface's operations on the climate – covered in Chapter 6 of the Universal Registration document – and the impact of climate risks on the company's operations and profitability). Although Coface's exposure to climate change risks seems limited as its business is credit insurance, the Group constantly monitors these risks as climate events are intensifying.

RISK MANAGEMENT:

There are two key climate risk categories:

- Physical risk: the frequency of occurrence of exceptional weather events (fires, floods, storms, etc.). This depends on the country's exposure to this type of event (measured notably by taking into account long-term projections of agricultural yields, rising temperatures in the country, rising sea levels, etc.) and its sensitivity, measured by indicators of geographical, demographic and social structure (such as the share of the rural population and the population over 65, and the poverty rate) and the dependence on other countries for goods that will become rarer with climate change (share of imports in total farming produce, water and energy). The main threat of climate change is the increase in the frequency and violence of extreme weather events with massive financial consequences.
- Transition risk: faced with climate risk, investors are seeking to protect the long-term value of their assets by positioning themselves as players in the ecological transition to help steer the economy towards a low-carbon model. This has resulted in a selection of entities implementing an increasing decarbonisation strategy, in line with the requirements of the ecological transition. Transition risk includes political risk, regulatory risk, technology risk, reputational risk and market sentiment risk (such as consumer or business preference for products or services that are less damaging to the climate).

As part of the Group and parent company ORSA, a stress test on climate risk was performed again in 2023, mainly focused on transition risk. This test confirmed that the environmental impact on Coface's solvency was not material.

38.3 Solvency of the Coface Group ²⁰

The Group measures its financial strength based on the capital requirement (amount of equity required to cover its managed risks) according to the Solvency II regulation for its insurance business and according to banking regulations for the Group's financing companies. The change in capital requirement depends on numerous factors and parameters linked to changes in the loss ratio, underwriting volumes, risk volatility, the sequencing of loss settlement and the asset types invested in the Company's balance sheet.

For insurance activities, pursuant to the Solvency II regulation which became effective on January 1, 2016, the Group proceeded with the calculation of the solvency capital requirement (SCR) on December 31, 2023, using the partial internal model introduced by European Directive No. 2009/138/EC. The Group's SCR evaluates the risks linked to pricing, underwriting, establishment of provisions, as well as market risks and operational risks. It takes account of frequency risks and major risks. This calculation is calibrated to cover the risk of loss corresponding to a 99.5% quantile at a one-year horizon. At December 31, 2023, the estimated capital required for the two Group businesses amounted to €1,302 million, compared with €1,199 million at the end of 2022.

At December 31, 2023, the required capital for the factoring business was estimated at €239 million by applying a rate of 10.5% to the risk-weighted assets, or RWA. The Group has reported its capital requirements using the standard approach since December 31, 2019. It should be noted that the local regulators for Germany and Poland (the two countries in which the Group operates its factoring business) have not defined specific mandatory capital requirements for factoring companies.

The sum of the capital requirement for the insurance business and the capital requirement for the factoring business is compared with the estimated available capital, which totalled €2,586 million as of December 31, 2023.

At this date, the solvency ratio (ratio between the Group's available capital and its capital requirement for insurance and factoring) was estimated at 199%²¹, compared to 201%²¹ at the end of 2022.

The table below presents the items for calculating the Group's capital requirement:

<i>(in millions of euros)</i>	At Dec. 31, 2023	At Dec. 31, 2022
Total equity	2,053	1,962
- Goodwill and other intangible assets (net of deferred taxes)	(218)	(217)
+ Revaluation of provisions using the best estimate method (net of deferred tax assets)	428	424
+/- Other adjustments	(111)	(53)
- Dividend payments	(192)	(226)
+ Subordinated debt (valued at market value)	626 ²²	515
= Solvency II available own funds (A)	2,586	2,404
Capital requirement - Insurance (B)	1,063	976
Capital requirement - Factoring ²³ (C)	239	223
Capital requirement (D) = (B) + (C)	1,302	1,199
Solvency ratio (E) = (A)/(D)	199%	201%

²⁰ The estimated solvency ratio is not audited.

²¹ This estimated solvency ratio is a preliminary calculation made according to Coface's interpretation of Solvency II regulations and using the Partial Internal Model. The final calculation may differ from this preliminary calculation. The estimated solvency ratio is not audited.

²² Amount after capping of subordinated debt not available pursuant to Article 82 of Delegated Regulation no. 2015/35.

²³ Banking activity