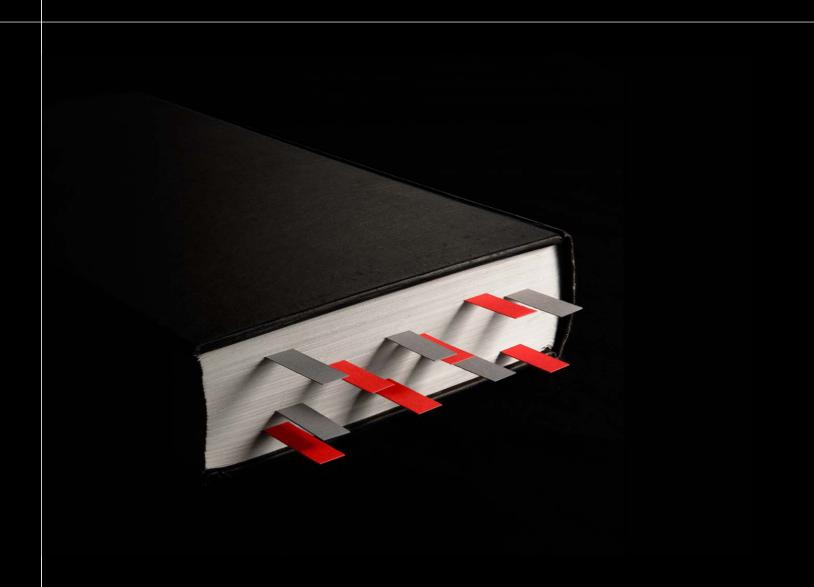


IFRS 17 education event

6 December 2022



Disclaimer



All numbers are illustrative or indicative, unaudited and subject to change. No forecasts, KPI numbers or new targets issued.



What we will cover today



- Key messages and overview
- Core IFRS 17 changes relevant to our business
- Impact on numbers and key performance indicators
- Timeline of events



Key messages and overview

Paul Cooper, Group CFO



Key messages Fundamentals unchanged

Economics of the business	No change in strategy. Strong business fundamentals.
Capital position and cash generation	Robust solvency position and cash generation. Expect no impact.
Reserves	No change in conservative reserving philosophy but more granular disclosures.
Group's earnings	Reduced volatility as changes to investment return arising from interest rate movements are now partially offset by discount rate on net insurance liabilities.
Shareholders' equity	Small net increase on transition, primarily due to discounting; no fundamental change in profitability.
Presentation and disclosures	New and more granular disclosures.
Key performance indicators (KPIs)	Revised reporting KPI definitions but no change to management focus and decision-making.

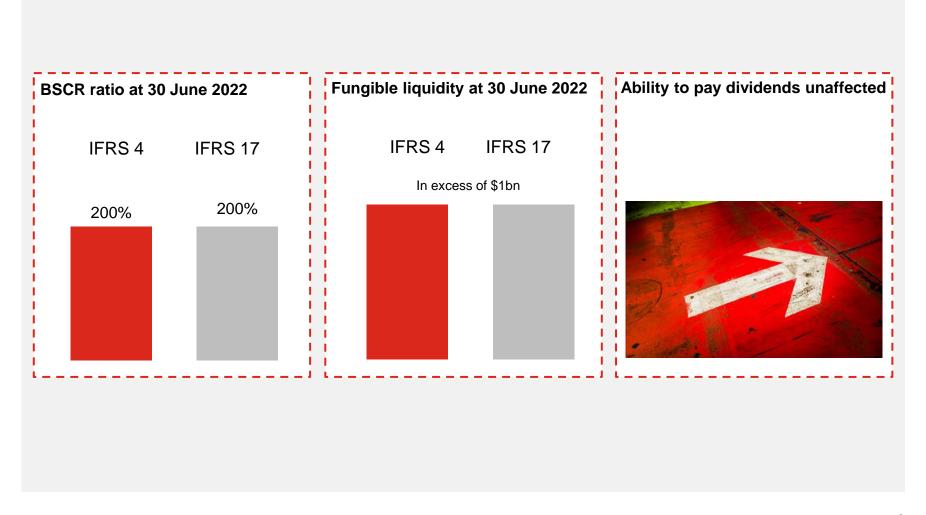
Accounting policy choices Simplicity, relevance and consistency

	APPROACH	WHY	IMPACT
Measurement approach	Premium allocation approach (PAA)	Simpler and closer to current accounting	Presentation and disclosure more familiar and easier to understand
Transition	Full retrospective approach G	Required by the standard	Modest restatement of opening equity
IFRS 9 Investments	Mark-to-market investments (at fair value through profit or loss)	Consistent with current accounting and the way we manage investments	None
Discounting	Current risk free rate plus illiquidity premium	Standard P&C approach	Using market observable data and less earnings volatility
Risk adjustment [©]	Value at risk (percentile) and scenario (sensitivities on a range of outcomes) approach	Reflective of current reserving methodology	Minimal impact on undiscounted reserves, greater transparency on quantum
Attributable expenses G	Defer acquisition expenses	Matching income with expenses	None
Level of aggregation ©	By reserving class	In line with how we manage our business	More granular level of onerous contract recognition and enhanced disclosure

IFRS 17 impacts

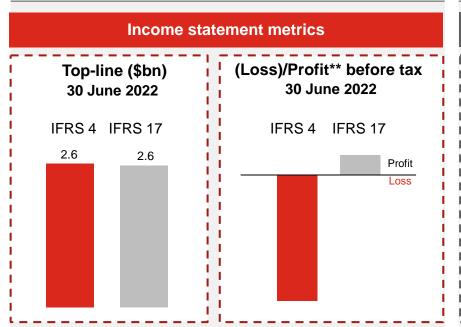


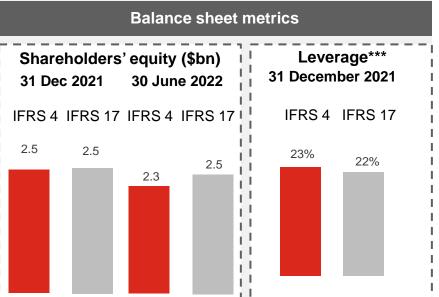
No impact on regulatory capital, cash and dividends



IFRS 17 impacts Financial metrics







- Insurance contract written premium* is slightly lower than GWP as reinstatement premiums g are reclassified from the top-line to claims
- Material impact on loss before tax at HY22 largely due to favorable interest rate and FX movements
- The improvement in performance relates predominantly to discounting benefit in reserves
- Predominant driver of impact on shareholders' equity is discounting reserves
- Leverage ratio decreases by 1ppt due to the increase in shareholders' equity on transition with no changes to the valuation of borrowings

Note: unaudited, estimated and subject to change. Graphs are not to scale. *Will be the new alternative performance measure for 'top-line' under IFRS 17.

^{***}Defined as borrowings divided by borrowings plus shareholders' equity.

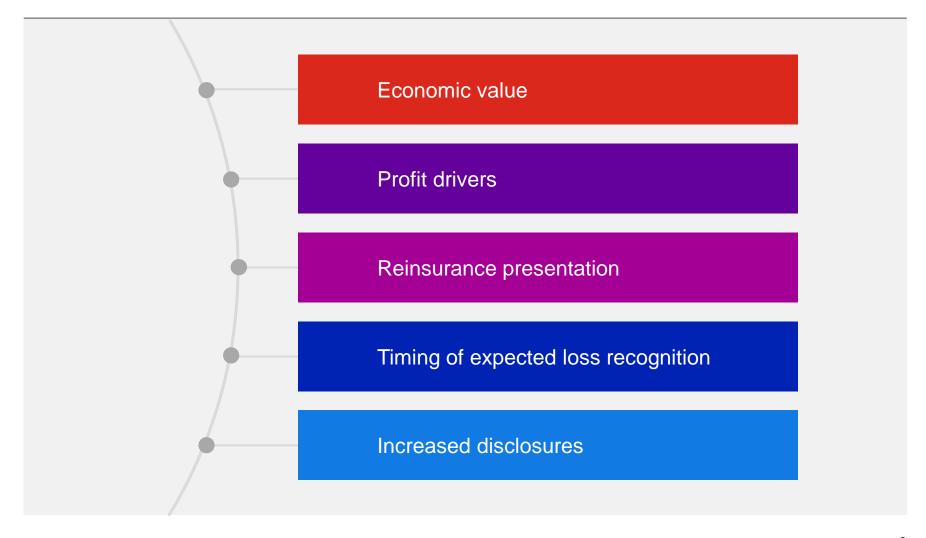


Core IFRS 17 changes relevant to our business

Liz Breeze, CFO – Re & ILS and IFRS 17 Executive Sponsor

Core IFRS 17 changes relevant to our business





Economic value

Discounting



- Claims now recorded at their present value reflecting the time value of money
- Discounting effect makes equity more stable as both assets and liabilities are revalued at current discount rates
- In a rising interest rate environment the balance sheet value of net insurance liabilities will decrease which will partially offset fair value reduction on the investment portfolio

IFRS 17 discount rate

Discount rate that reflects the characteristics of the cash flows



Risk-free rate

Determined using swap curves for each settlement currency



Illiquidity premium

Determined with reference to spreads on corporate bonds

Profit drivers



Underwriting performance and net investment return

Income statement

Insurance revenue

Insurance service expenses

Insurance service result before reinsurance contracts held

Allocation of reinsurance premiums

Amounts recoverable from reinsurers for incurred claims

Net expense from reinsurance contracts held

Insurance service result

Investment result

Net finance income/(expenses) from insurance contracts

Net finance income/(expenses) from reinsurance contracts

Net insurance finance income/(expenses)

Net insurance finance and investment result

Other income

Other operational expenses*

Other foreign exchange gain/(loss)

Profit/(loss) before tax

Insurance service result

- Expected to be higher than IFRS 4 underwriting result due to discounting of incurred claims and, to a lesser extent, fewer expenses being included
- Represents the profit or loss arising from underwriting activities

Net insurance finance and investment result

- Return on investment portfolio, after the effect of time value of money and FX on net insurance liabilities
- Includes both realised and unrealised mark-to-market movements on investments
- Includes cost of discounting unwind on net insurance liabilities and impact of revaluing reserves due to changes in discount rate in the reporting period

Other

 FX on non-insurance items are included in the other foreign exchange gains or losses line

Reinsurance presentation

Geographical changes



Reinsurance contracts are recognised, measured and presented separately from insurance contracts

Reinsurance contracts issued (inwards)

Reinsurance contracts held (outwards)

Example: outwards reinsurance

Ceded reinsurance impact under IFRS 4		
Gross earned premium (A)	100	
Ceded reinsurance premium (C)*	(30)	
Net premium earned	70	
Gross claims (B)	(60)	
Claim recoveries (C)	20	
Net claims	(40)	
Expenses (B)	(20)	
Reinsurance commission (C)**	3	
Underwriting result	13	

Ceded reinsurance impact under IFRS 17 (excl. discounting)		
Insurance service revenue (A)	100	
Insurance service expense (B)	(80)	
Insurance service result before RI	20	
Allocation of reinsurance premium***	(23)	
Recoveries from reinsurers****	16	
Net gain/(cost) from reinsurance (C)	(7)	
Insurance service result	13	

Key changes to presentation:

- Reinstatement premiums will be presented as claims
- Reinsurance commission (no longer on the face of the income statement) will be presented in other parts of premium income or claims recoveries
 - Profit commission[†] forms part of claims recoveries
 - Overriders^{††} are included in the reinsurance ceded premium

^{*}Ceding premium of -25, plus reinstatement premiums of -5.

^{**}Fixed commission of 2, plus variable commission of 1.

^{***}Ceding premium of -25, plus fixed commission of 2.

^{****}Claim recoveries of 20, less reinstatement premium of 5, plus variable commission of 1.

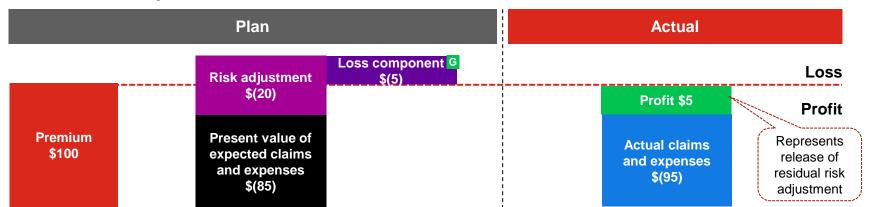
Timing of expected loss recognition



An onerous contract does not mean unprofitable business

- Facts and circumstances based where the expected loss reserve is more than premium
- Not a material number for Hiscox
- Assessed at a group of contracts level by legal entity during planning phase
- Reassessed and remeasured twice a year
- Onerous contract includes a risk adjustment which may or may not be utilised

Illustrative example of onerous contract



Analysis of change

New disclosure



	Liability for Remaining Coverage		Liability for Incurred Claims	
	Excl. Loss Component	Loss Component	Estimates of PV of FCFs	Risk adjustment
Opening liabilities	Х	Х	Х	х
Changes in the income statement				
Insurance revenue	(X)	-	-	-
Insurance service expenses	Х	х	х	Х
Incurred claims and other insurance service expenses	-	(X)	Х	Х
Amortisation of insurance acquisition cash flows	X	-	-	-
Losses and reversal of losses on onerous contracts	-	X	-	
Adjustments to liabilities for incurred claims			Х	Х
Insurance service result	(X)	Х	Х	Х
Net finance expenses from insurance contracts	X	X	Х	Х
Effect of movements in exchange rates	X	X	X	X
Total changes in the income statement	Х	Х	Х	Х
Investment components	(X)		x	
Cash flows				
Premiums received	x	-		-
Claims and other insurance service expenses paid	-	-	(X)	(X)
Insurance acquisition cash flows	x	-	-	-
Total cash flows	Х	•	(X)	(X)
Closing liabilities	x	x	X	x

The analysis of change will provide key insights as follows:

- Movements in risk adjustment through the year
- Prior year releases split between best estimate and risk adjustment
- Current year reserves split between best estimate and risk adjustment
- Movements in loss component, i.e. onerous contracts

The example on the slide covers inwards business, similar disclosures will also be available for outwards reinsurance



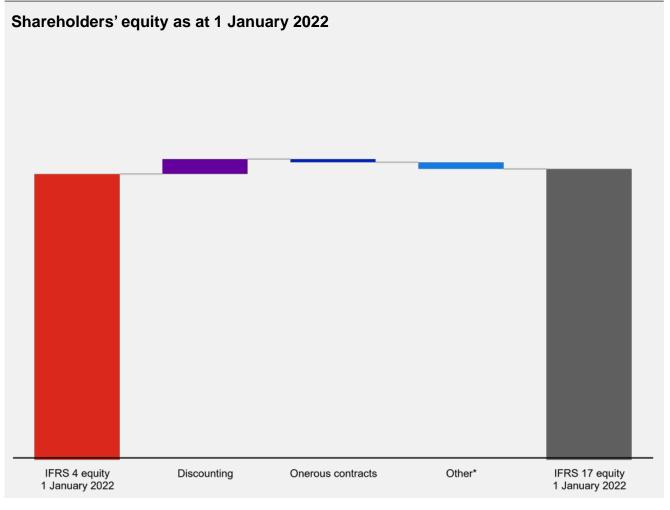
Impact on numbers and key performance indicators

Paul Cooper, Group CFO

Opening balance sheet

HISCOX

Restatement of equity minimal

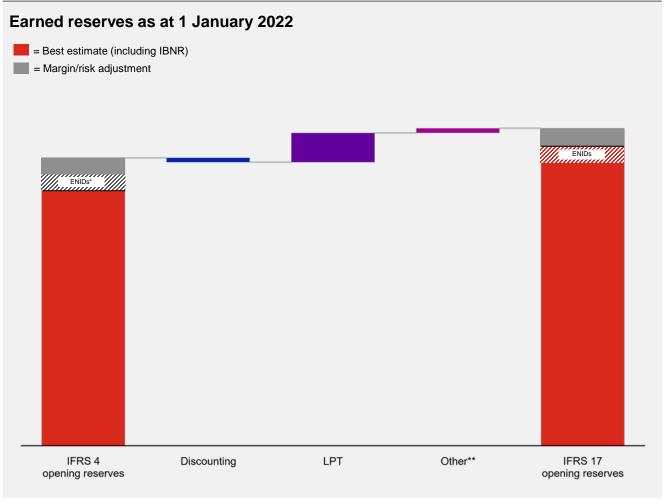


- Marginal increase in shareholders' equity on transition
- Discounting is the main driver of increase

Impact on net earned reserves



Remain conservatively reserved



- Key impact on earned reserves is LPT reclass from earned to unearned reserves
- Impact of other movements in earned reserves not material
- Risk adjustment replaces IFRS 4 reserve margin
- Maintain conservative reserving policy
- Not targeting a specific confidence level. Drivers of potential fluctuation in our reserves include large catastrophe events and other sources of uncertainty

Note: unaudited, estimated and subject to change. Graph not to scale.

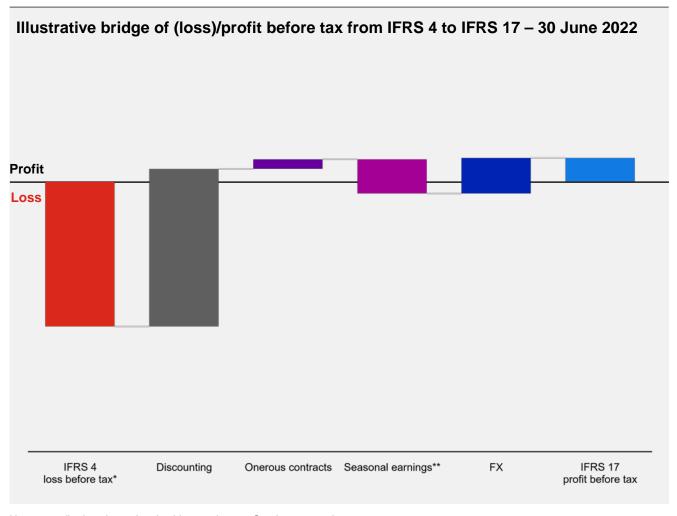
^{*}Events not in data.

^{**}Includes seasonal earnings, adjustment to reserves and non-performance risk.

Impact on profit before tax



Material at HY22 due to interest rate movements



- Significant benefit in the period from a steep increase in interest rates related to discounting of claim reserves
- Onerous contract benefit primarily arising from a reduction in exposure
- Negative impact from seasonality of natural catastrophe claims pattern in H1, reverses in H2 as it is earned out
- FX impact now also extends to unearned reserves

Note: unaudited, estimated and subject to change. Graph not to scale.

^{*}Loss before tax is driven by unrealised losses on bonds due to mark-to-market movements.

^{**}Represents a shift in earnings recognition pattern related to natural catastrophe business.

Key performance indicators



Limited impact under IFRS 17 post transition

	Current KPIs IFRS 4	New KPIs IFRS 17	Impact
Growth	Gross written premium (GWP)	Insurance contract written premium (ICWP)*– new definition	On a written basis (like GWP) but excludes reinstatement premiums
Profitability	Net combined ratio (CoR) (100% basis) – old definition Underwriting profit Earnings per share	Combined ratio (CoR) – (own share) – <i>new definition</i> Insurance service result Earnings per share	All being equal, slight deterioration in CoR due to a different presentation of components** All profitability measures are subject to volatility due to discount rate and FX movements
Claims	Net loss ratio (100% basis) – <i>old definition</i>	Loss ratio (own share) – <i>new definition</i>	Aligned with new definition of CoR
Operational efficiency	Net expense ratio (100% basis) – old definition	Expense ratio (own share) – <i>new definition</i>	Aligned with new definition of CoR
Shareholders' return	Return on equity Net asset value per share	Return on equity Net asset value per share	No change in calculation for both measures, but impact through change in profit emergence
Reserving	Prior year development Margin above best estimate	Prior year development Confidence level – <i>new measure</i>	No change, includes more granular disclosure New disclosure
Capital strength	BSCR ratio	BSCR ratio	No change

^{*}Will be the new alternative performance measure for top-line under IFRS 17.

^{**}Deterioration in CoR due to increase in numerator, please see slide 21 for details.

Growth KPIs Written premium



IFRS 4 **IFRS 17** Insurance contract Gross written premium (GWP) written premium (ICWP) Management commentary Net written premium **GWP vs ICWP** ICWP growth broadly in line with **GWP** growth NWP no longer reported but we will continue to provide management commentary

FY19

FY20

GWP —ICWP

explaining the net of reinsurance growth trend for big-ticket business, as gross view

Retail growth targets are broadly unaffected

does not fully explain the underlying

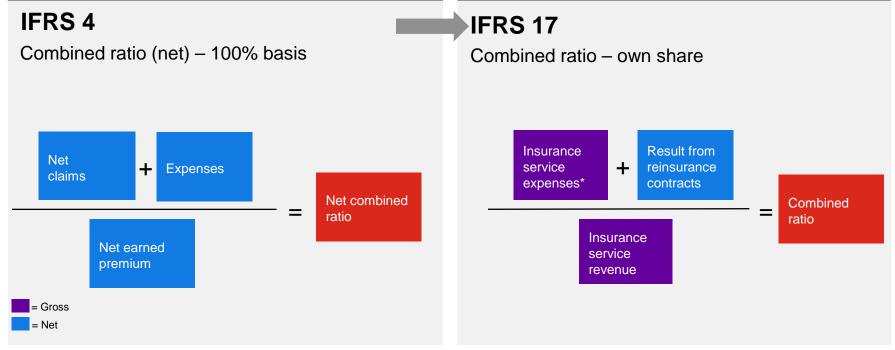
business performance

FY21

Profitability KPIs



Combined ratio

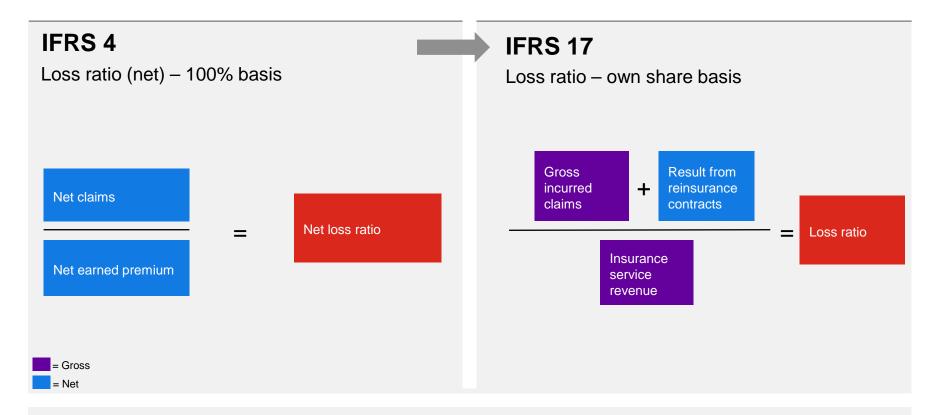


- New definition reflects change in reinsurance accounting
- Denominator is now on a gross basis due to volatility in net earned premium calculation under IFRS 17
- IFRS 17 CoR may show volatility due to discounting and also depending on the share of third-party capital deployed – the more we cede the higher the CoR, the more we retain the lower the CoR
- 90% to 95% Retail CoR target in 2023 remains and will be reported on IFRS 4 basis until no longer relevant

Claims KPIs

Loss ratio





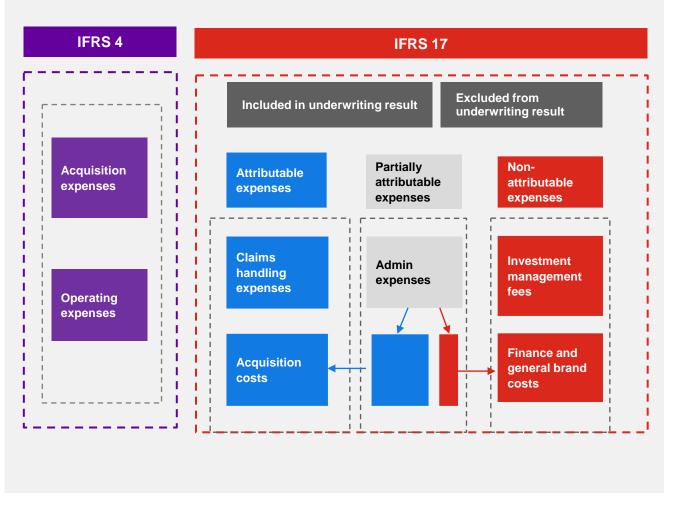
- Consistent with the IFRS 17 CoR definition
- Claims are presented net of reinsurance result
- IFRS 17 loss ratio may show volatility due to discounting and also depending on the share of third-party capital deployed

Note: see appendix for worked example.





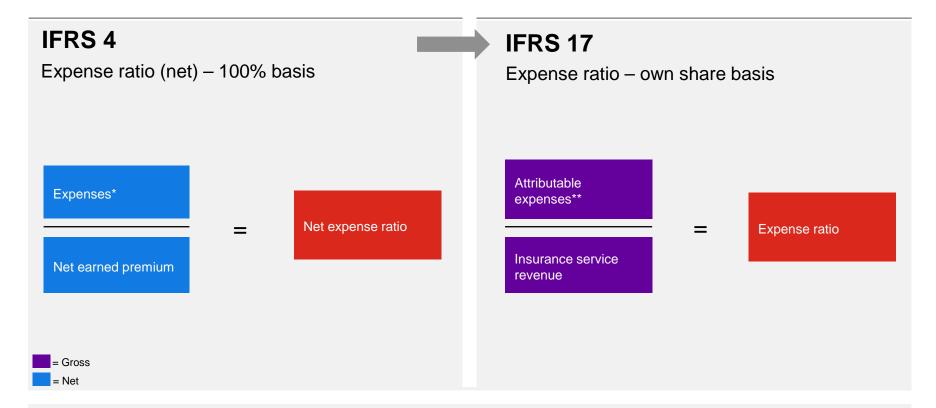
Presentational changes with minimal impact on income statement



- Insurance service expenses include gross claims and non-claims expenses
- Non-claims expenses are split between attributable and non-attributable, which is subject to judgement
- Non-attributable expenses will be excluded from CoR in line with insurance service result
- Corporate centre expenses are deemed to be non-attributable
- Non-attributable expenses will include items such as interest on corporate debt, training and brand marketing costs

Operating efficiency KPIs

Expense ratio

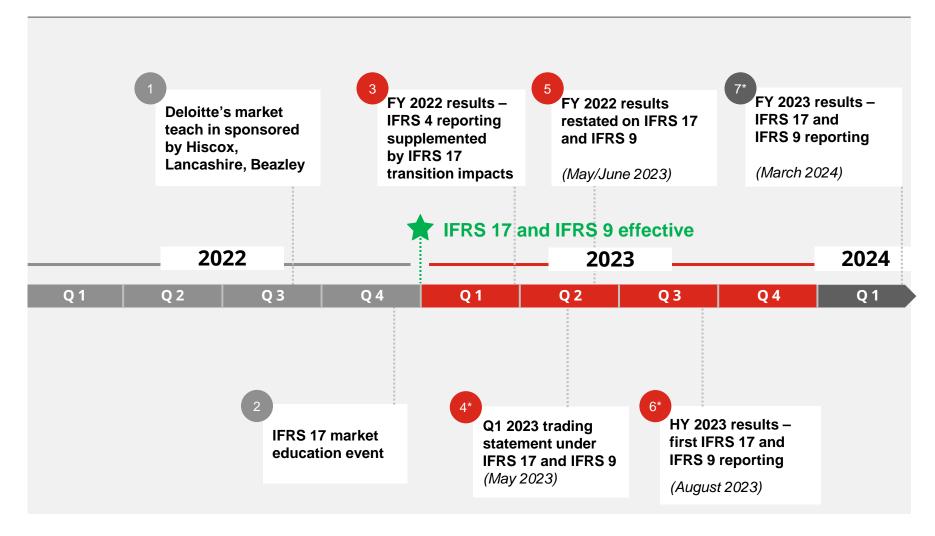


- New definition to be consistent with the new CoR
- Expect expense ratio in H1 to be higher than H2 due to seasonality of natural catastrophe premium earnings pattern, this will result in a lower premium (denominator) in H1. The pattern reverses in H2

IFRS 17 roadmap



High level view of external reporting



Conclusion



- No change to strategy, reserving philosophy, solvency and ability to pay dividend
- Minimal impact on transition mainly due to discounting; current interest rate environment is driving larger P&L movements
- More granular disclosures will provide greater transparency, allowing for better insights
- Redefined KPIs offer continuity under the new reporting standard
- On track to deliver financial reporting under IFRS 17 in 2023





Questions?



Appendices

Income statement presentation (1/3)



Income statement - IFRS 4

Gross written premium

Outwards reinsurance premium

Net written premiums

Gross premiums earned

Premiums ceded to reinsurers

Net earned premiums

Investment result

Other income

Total income

Claims and claim adjustment expenses

Reinsurance recoveries

Claims, net of reinsurance

Acquisition costs

Reinsurance commission income

Operational expenses

Net foreign exchange gain/(loss)

Total expenses

Finance costs

Profit before tax

Income statement – IFRS 17

Insurance revenue

Insurance service expenses

Insurance service result before reinsurance

Allocation of reinsurance premiums

Amounts recoverable from reinsurers for incurred claims

Net gain/(cost) from reinsurance contracts held

Insurance service result

Investment result

Net insurance finance income/(expenses)

Net insurance finance and investment result

Other income

Other operational expenses

Net foreign exchange gain / (loss)

Profit/(loss) before tax



Income statement presentation (2/3)

ncome statement – IFRS 4	Income statement – IFRS 17
Gross written premium	Insurance revenue
Outwards reinsurance premium	Insurance service expenses
Net written premiums	Insurance service result before reinsurance
Gross premiums earned	Allocation of reinsurance premiums
Premiums ceded to reinsurers	Amounts recoverable from reinsurers for incurre
Net earned premiums	Net gain/(cost) from reinsurance contracts held
Investment result	Insurance service result
Other income	Investment result
Total income	Net insurance finance income/(expenses)
Claims and claim adjustment expenses	Net insurance finance and investment result
Reinsurance recoveries	Other income
Claims, net of reinsurance	Other operational expenses
Acquisition costs	Net foreign exchange gain/(loss)
Reinsurance commission income	Profit/(loss) before tax
Operational expenses	
Net foreign exchange gain/(loss)	
Total expenses	
Finance costs	
Profit before tax	

HISCOX

Income statement presentation (3/3)

Income statement - IFRS 4

Gross written premium

Outwards reinsurance premium

Net written premiums

Gross premiums earned

Premiums ceded to reinsurers

Net earned premiums

Investment result

Other income

Total income

Claims and claim adjustment expenses

Reinsurance recoveries

Claims, net of reinsurance

Acquisition costs

Reinsurance commission income

Operational expenses

Net foreign exchange gain/(loss)

Total expenses

Finance costs

Profit before tax

Income statement – IFRS 17

Insurance revenue

Insurance service expenses

Insurance service result before reinsurance

Allocation of reinsurance premiums

Amounts recoverable from reinsurers for incurred claims

Net gain/(cost) from reinsurance contracts held

Insurance service result

Investment result

Net insurance finance income/(expenses)

Net insurance finance and investment result

Other income

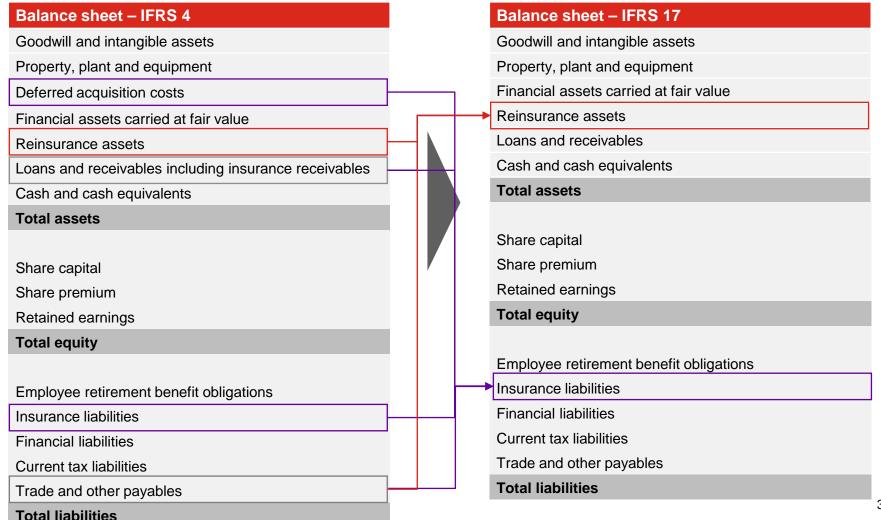
Other operational expenses

Net foreign exchange gain/(loss)

Profit/(loss) before tax

Balance sheet presentation

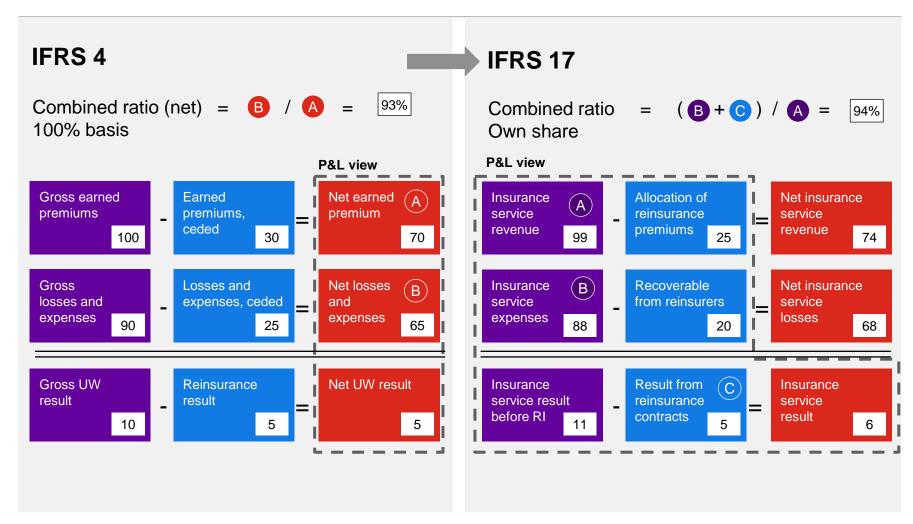




Profitability KPIs

Combined ratio

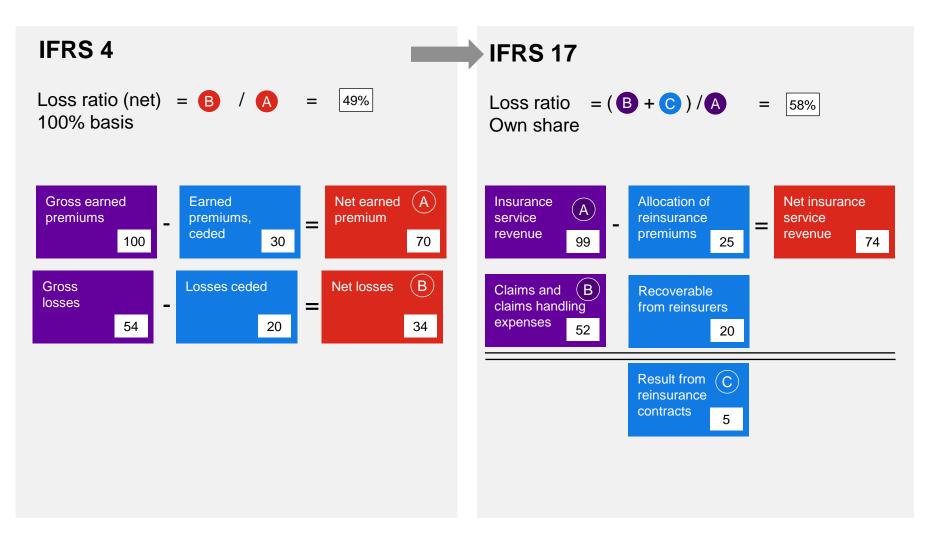




Claims KPI



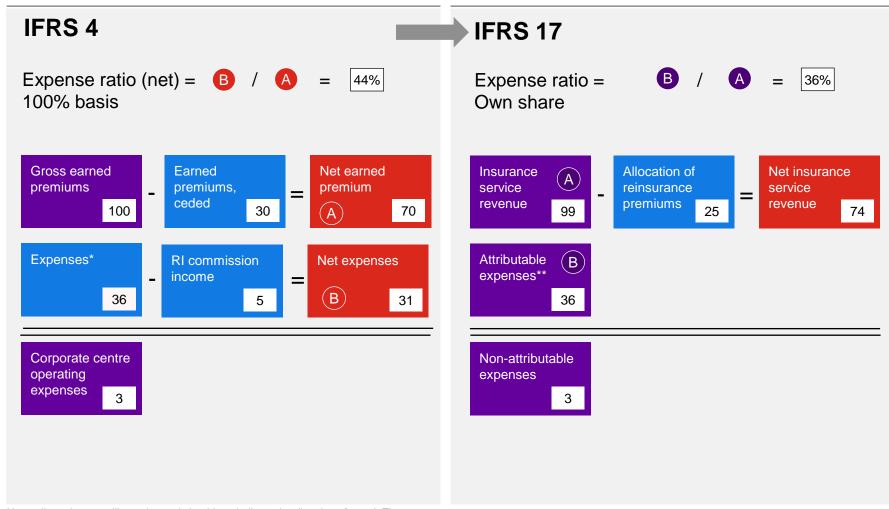




Operating efficiency KPIs

Expense ratio





Note: all numbers are illustrative and should not indicate the direction of travel. The example does not reflect the impact of transition from 100% to own share basis.

*Include acquisition expenses and operating expenses and exclude corporate centre expenses and claims handling expenses.

^{**}Include allocated partially attributable expenses and exclude claims handling expenses.

Glossary of IFRS 17 terms



Terminology	Descriptions
Attributable expenses	Expenses that are attributable to fulfilling obligations towards the policyholders i.e., underwriting and claims handling activities.
Confidence level	A degree of conservatism in reserving. The actual percentage shows the probability that the change in best estimate would be lower than the risk adjustment. Mechanically it shows where our reserves sit in the risk distributions (adjusted historical losses).
Contractual service margin	A component of the carrying amount of the asset or liability for a group of insurance contracts under the general measurement model representing the unearned profit the entity will recognise as it provides services under the insurance contracts in the Group.
Full retrospective approach	Transitional requirement to restate all the comparative numbers and book the cumulative impact of applying the requirements in opening the opening equity (1 January 2022).
Level of aggregation	Contract grouping at which the measurement requirements under IFRS 17 is applied.
Liability for Incurred Claims (LIC)	An entity's obligation to investigate and pay valid claims under existing insurance contracts for insured events that have not yet occurred (i.e. the obligation that relates to the unexpired portion of the coverage period).
Loss component	A provision for onerous contracts within the insurance contract liabilities.
Liability for Remaining Coverage (LRC)	An entity's obligation to investigate and pay valid claims under existing insurance contracts for insured events that have not yet occurred (i.e. the obligation that relates to the unexpired portion of the coverage period).
Onerous contract	A contract that is expected to be loss making i.e. the expected claims exceeds the premium.
Premium allocation approach	A simplification of the general measurement model permitted for short duration coverage period.
Reinstatement premiums	Reinsurance premium received by insurer when claims incurred from cedant to reinstate coverage.
Risk adjustment	The compensation that the insurer requires for bearing the uncertainty about the amount and timing of cash flows that arise from non-financial risks. Risk adjustment is released as the risk expires.

Disclaimer IFRS 17 market education



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