

# From the CFO's desk

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#### Main changes between IFRS 4 and IFRS 17 Our perspective

- IFRS 17 allows less flexibility in preparation of financial statements due to …
  - stricter regulations under the standard, more granular disclosures and
  - process-related restrictions, esp. driven by the more granular accounting on the level of GICs (Groups of Insurance Contracts)
- The accounting guidance of IFRS 17 partially enables benchmarking with Solvency II figures such that flexibility is also limited in this regard
  - Measures taken under one regime influence handling under the other regime
- Nevertheless, IFRS 17 requires accounting decisions which apply on or after transition (from IFRS 4 to IFRS 17)
  - A (quantitative) comprehensive impact assessment will be available in 2019, with lots of single analysis on the way, qualitative analysis has been considered up to now – but perhaps the target is still moving

## Transition: IFRS 17 accounting decisions

Potential future decision-making principles and steering options

Accounting decision	Pro's & Con's		
More or less equity? e.g. impacted by transition approach chosen, measurement of cash flows	<ul> <li>High equity: higher equity ratio, buffer for onerous business at inception</li> <li>Higher equity means lower CSM* going forward, less buffer for onerous contracts</li> <li>High equity leads to lower RoE</li> </ul>		
High profits after transition? e.g. impacted by determination of risk adjustment, amount of CSM at transition, coverage units	<ul> <li>+ High profits from already existing business</li> <li>- High pressure on required profit from new business to show attractive future return</li> </ul>		
Presentation of onerous contracts? e.g. use of conservative options (?)	<ul> <li>Profits can be shifted into the future by showing more onerous contracts at inception</li> <li>Onerous contracts issued will be disclosed in the annual report</li> </ul>		
High discount rates?	<ul> <li>+ High CSM due to high discounting effect</li> <li>+ Lower fulfillment CF (for LRC* compensated by the higher CSM; see above)</li> <li>- High insurance finance expenses (hence, primarily a shift within P&amp;L = higher insurance service result, lower insurance finance result)</li> </ul>		
IFRS 17 reserves similar to Solvency II?	<ul> <li>Solvency II reserves are a known measure and may facilitate the understanding of IFRS reserves</li> <li>Link to Solvency II reserve prevents exploitation of potential positive effects of IFRS 17</li> <li>May result in higher volatility of future P&amp;C earnings due to loss of smoothing redundancy cushion</li> </ul>		
P&L or OCI*?	<ul> <li>OCI* smoothens P&amp;L</li> <li>High ALM requirements dependent on IFRS 9</li> <li>Operationally highly complex</li> </ul>		
Disclosure granularity – IFRS 8 segments?	<ul> <li>+ IFRS 8 segments are determined and known</li> <li>- Disclosure of very detailed information</li> </ul>		

\* Contractual Service Margin (CSM); Liability for Remaining Coverage (LRC); Other Comprehensive Income (OCI)

#### **Future emergence of earnings** Release of the Contractual Service Margin (CSM)

- No predetermined technique in IFRS 17 regarding the release of the CSM
- The release pattern (front-ended or back-ended) will influence the expected emergence of earnings
- A strong front-ended approach could increase the likelihood of a cohort of contracts becoming onerous in case of adverse changes due to experience or assumption changes in subsequent years



#### **Example 1: CSM release pattern for mortality business** Use of claims or Net Amount at Risk (NAR) results in different earnings emergence



Potential CSM release patterns

- Use of NAR as CSM run-off driver appears to be too aggressive, relatively small portion of CSM remains in the later years to provide buffer against claims experience volatility
  - Likewise, RoE is front-loaded when using Net Amount at Risk (NAR) to run off CSM

	2018	2019	2020	2021	2022	2027	2032	2037	2042	2047	2052
RoE – Claims	12.60%	12.70%	12.74%	12.77%	12.77%	12.95%	13.21%	13.55%	14.37%	15.13%	16.05%
RoE - NAR	13.59%	13.49%	13.36%	13.23%	13.09%	12.71%	12.54%	12.45%	12.97%	13.43%	14.14%

## **Example 2: CSM release pattern for longevity business**





- Assumption: SII profit shown here equals the current IFRS 4 technical result (net of administration expenses)
- CSM release excludes the future explicit risk adjustment release
- Preliminary assessment implies use of the present value claims as a CSM run-off pattern to ensure an emergence of earnings comparable with current IFRS 4

#### IFRS 17 political developments Identified conceptual weaknesses - challenges for EU endorsement



- Complex transition/implementation
- High implementation costs

- EFRAG has identified the following issues meriting further consideration and informed the IASB accordingly on 3 September 2018
  - Acquisition costs (for costs incurred in expectation of contract renewals)
  - CSM amortization (impact on contracts that include investment services)
  - Reinsurance (several inconsistencies)
  - Transition

     (extent of relief offered by modified retrospective approach and challenges in applying fair value approach)
  - Annual cohorts (cost-benefit trade-off, including for VFA contracts)
  - Balance sheet presentation (cost-benefit trade-off of separate disclosure of groups in an asset position and groups in a liability position and non-separation of receivables and/or payables)

## **IFRS 17 reinsurance inconsistencies**

Main concern: onerous underlying contracts - what is the issue?

At initial recognition, mismatches arise from different treatment of reinsurance gains vs. losses on underlying contracts

Current IFRS 17	as a consequence		
<ul> <li>Loss on onerous underlying insurance contract issued is recognised immediately in P&amp;L,</li> <li>but</li> </ul>	<ul> <li>Relief from reinsurance contract is delayed, which tends not to represent appropriately the insurer's - i. e. cedant's - economic net risk position</li> <li>Corresponding effects for our own retrocession</li> <li>Contradictory to the subsequent measurement as set out in IFRS 17.66(c)(ii)</li> </ul>		
Corresponding gain on the related outwards reinsurance contract must be recognised as a CSM (i.e. over the coverage period)			
	<ul> <li>Whereby: If the underlying contract becomes onerous after initial recognition because of adverse changes in estimates relating to future service, the corresponding changes in reinsurance cash flows can be recognized in P&amp;L to "offset" the loss</li> </ul>		

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# **Our IFRS cash flow statement**

Valuable source of information or just formality?



#### Why is cash flow an important financial indicator? In the long run only cash counts

- 1. Liquidity is an important survival condition for enterprises
- 2. Not debt overload but illiquidity is main reason for bankruptcy
- 3. Significant differences between insurers and non-financial industries
- 4. Direct vs. indirect methodology to calculate and present

### Liquidity at all times is a 'Must'

#### **Insurance company's cash flow characteristics** Investing cash flow as a residual



#### Cash flow derived indirectly from net income as starting point Operating cash flow in 1H/2018 once again very strong

in EUR thousand	1.130.6.2018	
Net premium earned	8,345,642	
Ordinary investment income	632,476	
Profit/loss from investments in associated companies	1,792	
Realised gains and losses on investments	53,380	-
Change in fair value of financial instruments	19,561	-
Total depreciation, impairments and appreciation of investments	21,060	/
Other investment expenses	56,347	
Net income from investments under own management	629,802	
Income/expense on funds withheld and contract deposits	113,796	
Net investment income	743,598	
Other technical income	76	
Total revenues	9,089,316	
Total technical expenses	8,245,146	1
Other income and expenses	63,111	1
Operating profit (EBIT)	907,281	
Financing costs	37,684	
Net income before taxes	869,597	
Taxes	273,373	
Net income	596,224	1

in EUR thousand		1.130.6.2018	
I. Cash flow from	operating activities		
Net income		596,224	
Appreciation/de	preciation	31,638	
Net realised gair	ns and losses on investmerits	(53,380)	
Change in fair va	alue of financial instruments (th	(19,561)	
Realised gains a	nd losses on deconsolidation	(2,978)	
Amortisation of	investments	5,521	
Changes in fund	s withheld	(230,649)	
Net changes in o	contract deposits	(69,445)	
Changes in prep	aid reinsurance premium (net)	775,540	
Changes in tax a	ssets/provisions for taxes	5,748	
Changes in bene	fit reserve (net)	(21,356)	
Changes in clain	ns reserves (net)	677,797	
Changes in defe	rred acquisition costs	(201,089)	
Changes in othe	r technical provisions	67,573	
Changes in clear	ing balances	(741,473)	
Changes in othe	r assets and liabilities (net)	197,124	
Cash flow from	operating activities	1,017,234	

#### A peer review: 10-year development of operating cash flows Also on a cash flow basis we compare favourably



# Strong cash flow fuels growth in invested assets

Development of assets under own management (incl. cash)



#### Much better development of investments at HR

#### Update on IFRS 17 | Cash flow statement | Investments

#### Contribution of operating cash flow to our AuM

in m. EUR



#### Increasing investments as well as net investment income (NII) ... ... despite slightly decreasing Rol



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## **Investment update**

## Barbell targets achieved, start to "diversify"

Stabilise liquidity, reducing spread duration, geo-shifting and lower credit risks

- Increase group-wide liquid assets
- Barbell credit risks
  - either AAA
  - or BBB and lower
- Increase spread durations
- Invest in credit structures at lower end
- Avoid the middle segment of ratings
- Increase real estate funds
- Develop private equities in line with portfolio growth
- Use volatility in listed equity opportunistically

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- Keep group-wide liquid assets stable
- Diversify credit risks across rating spectrum
  - Lower spread durations from increased level
    - Increase rating quality of credit structures and loan portfolios
    - Diversify credits into whole world (EM)
    - Stabilise, slightly increase real estates
  - Stabilise, slightly increase private equity
- Use volatility in listed equity opportunistically

#### Large differences between currencies EUR still at unhealthy low yields

#### Current analysis per currency of fixed-income portfolio\*



## Hence, fixed-income allocation varies significantly per currency



\* Analysis as at 30 Jun 2018, excluding short-term investments and cash

# Maturity profile per currency varies remarkably ... faster turnover in USD compared to EUR

#### Maturities of fixed-income portfolio\* per currency Modified duration Other 2.9 CAD 5.4 AUD 5.1 7.1 GBP USD 4.4 **EUR** 6.1 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028

\* Analysis as at 30 Jun 2018, excluding short-term investments and cash

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#### **Ordinary fixed-income return stabilises, even with strategic shift** Decrease in credit exposure should affect ordinary by <10bps p.a.

#### Projection of fixed-income portfolio maturing vs. re-investment yield\*



<sup>\*</sup> As at Jun 2018, excluding short-term investments and cash

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