



# Fixed Income Presentation

## Q1 2020 results

May 12, 2020

**Aareal**  
YOUR COMPETITIVE ADVANTAGE.

# Agenda

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- Business development in times of Covid-19 and Highlights Q1/2020
- Introduction of Aareal Bank
- Asset Quality
- Segments
- Group results Q1 2020
- Capital, B/S, Funding/Liquidity
- Outlook 2020
- Take aways
  
- Appendix

# Business development in times of Covid-19 and Highlights Q1/2020

01

**Aareal**

# Business development in times of Covid-19

The Covid-19 crisis is shaking the world

## What we see: The perfect storm

Covid-19 caused the sharpest global recession in post-war history - with dramatic effects on all sectors of the economy

## How Aareal Group entered into this crisis: Robust and resilient

- **Conservative risk profile:** High quality credit book with historically low LTVs
- **Strong capital base:** Ratios offering substantial leeway to absorb potential crisis effects
- **Solid liquidity position:** Business activities comfortably funded on the basis of our stable and unique funding mix
- **Well-diversified business:** Aareon remains on track due to well positioned digital business model and a high level of recurring revenue

## What we expect: gradual recovery

We assume a continuous normalisation of the global economy from mid 2020 onwards, followed by a significant recovery (“Swoosh” shaped) in 2021

# Highlights Q1/2020

Robust underlying performance while managing Covid-19 challenges

<b>Aareal Bank Group</b>	<b>Solid Group Financials</b>	<ul style="list-style-type: none"><li>▪ Positive Q1 results (operating profit € 11 mn), despite Covid-19 impacts and FY-banking levy</li><li>▪ Strong capital and liquidity position</li></ul>
	<b>Resilient Segment Performance</b>	<ul style="list-style-type: none"><li>▪ SPF: Strong new business with margins above plan Sound asset quality with comfortable LTVs</li><li>▪ C/S Bank: Significantly better results due to new modelling of deposits. Additionally improved earnings statement via adjusted transfer pricing</li><li>▪ Aareon: Further growth, marginal Covid-19 effects in Q1/2020</li></ul>
	<b>Outlook</b>	<p>Based on our assumptions and from today's point of view, we consider a substantially positive operating profit to be within reach. (see slide 36)</p>

# Introduction of Aareal Bank

02

**Aareal**

# Aareal Bank Group

The new lineup - THREE segments

## Aareal

YOUR COMPETITIVE ADVANTAGE.

### Structure Property Financing (SPF)

#### Commercial Real Estate Financing

solutions on three continents:  
Europe, North America, Asia/Pacific

#### Diverse property types

(hotel, logistic, office, retail, residential, student housing);  
additional **industry experts** in hotels, logistics and retail properties

#### Investment finance

(Single asset, Portfolio, Value add)

Portfolio size: ~€ 26 bn; Ø LTV: 57%

### Consulting / Services (C/S) Bank

**Integrated payment transaction system** for the housing industry (market-leading) and the utility sector

#### Financial Solutions:

- Payment processing provider
- Deposit Bank

#### Software Solutions:

- Intelligent solutions to improve connectivity and efficiency for bank and non-bank customers
- Ø deposit volume of € 10.5 bn in Q1 2020

### Aareon

**European leader for real estate software**, 60+ years in the market serving c.3.000 customers and 10m+ units with 40 locations in GAS, Netherlands, France, Nordics and UK

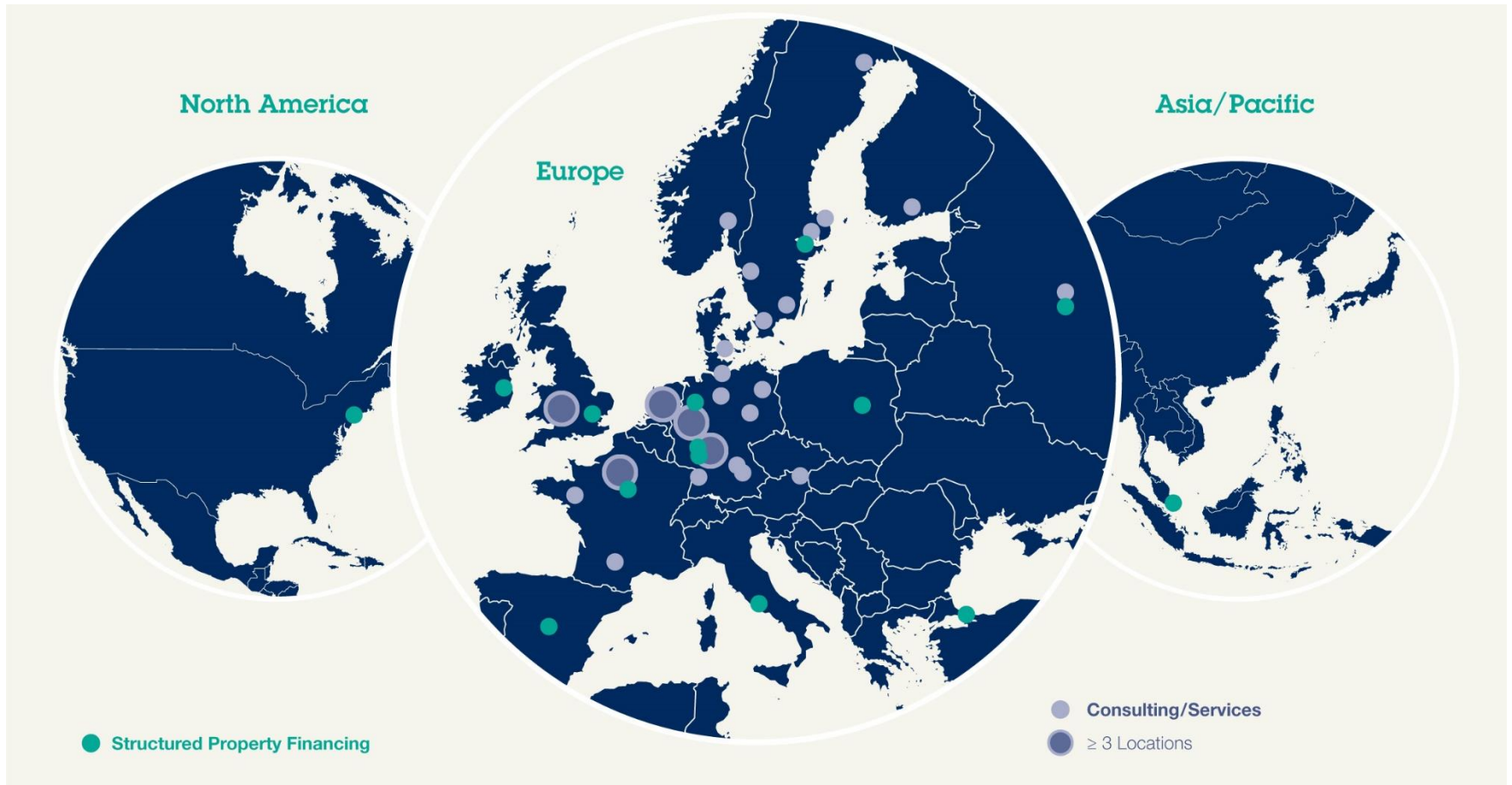
**Mission-critical ERP** and a broad set of **modular Digital Solutions** built on a **cloud-enabled PaaS platform**

**Sustainable and resilient business model** with **strong downside protection** delivers **decades of consistent profitable growth**

**Experienced leadership team** combining deep **software expertise** and longstanding **real estate experience** with a strong **M&A roll-up** track record (with 675+ Software engineers)

# Aareal Bank Group

One Bank – three segments – three continents



International property financing in more than 20 countries –  
Europe, North America and Asia / Pacific



# Aareal's ownership structure

## 100% Free Float

### Aareal Bank AG

- Listed in the German MDAX
- 59,857,221 outstanding shares
- 100% free float
- 2,827 employees
- Balance Sheet: 41.1 bn €
- Flat hierarchies

### Stock performance since 01. Jan 2003



# Aareal Bank Ratings



<b>Issuer Default Rating <sup>1)</sup></b>	<b>BBB+</b>
<b>Short-term</b>	<b>F2</b>
<b>Deposit Rating <sup>1)</sup></b>	<b>A-</b>
<b>Senior Preferred <sup>1)</sup></b>	<b>A-</b>
<b>Senior non Preferred <sup>1)</sup></b>	<b>BBB+</b>
<b>Viability Rating <sup>1)</sup></b>	<b>bbb+</b>
<b>Subordinated Debt <sup>1)</sup></b>	<b>BBB-</b>
<b>Additional Tier 1 <sup>1)</sup></b>	<b>BB</b>

<b>Issuer Rating</b>	<b>A3</b>
<b>Short-term Issuer Rating</b>	<b>P-2</b>
<b>Bank Deposit Rating</b>	<b>A3</b>
<b>Baseline Credit Assessment</b>	<b>baa3</b>
<b>Mortgage Pfandbriefe</b>	<b>Aaa</b>

1) Rating changes as of 27.03.2020  
 Fitch has downgraded Aareal Bank AG's Long-Term IDR to 'BBB+' and placed Aareal's VR, Long-Term IDR, DCR and debt ratings on RWN

# Asset Quality

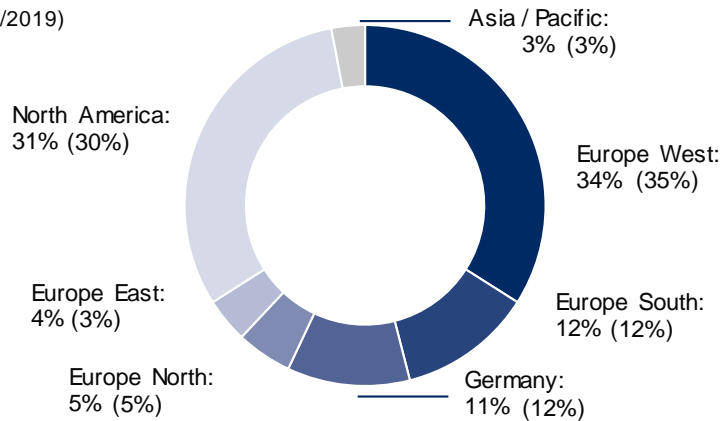
03

# Commercial real estate finance portfolio (CREF)

€ 25.3 bn highly diversified and sound

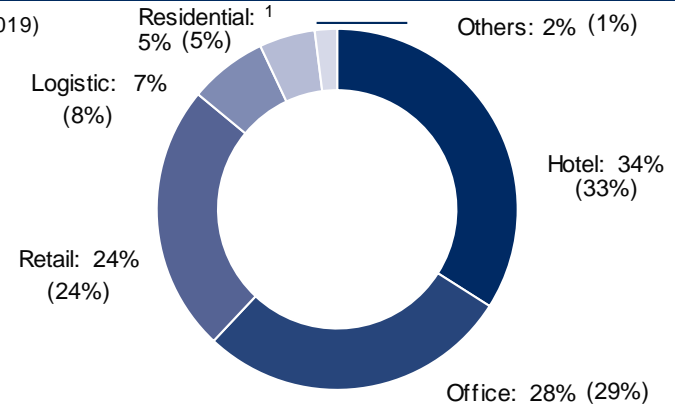
## Portfolio by region

(vs. 12/2019)



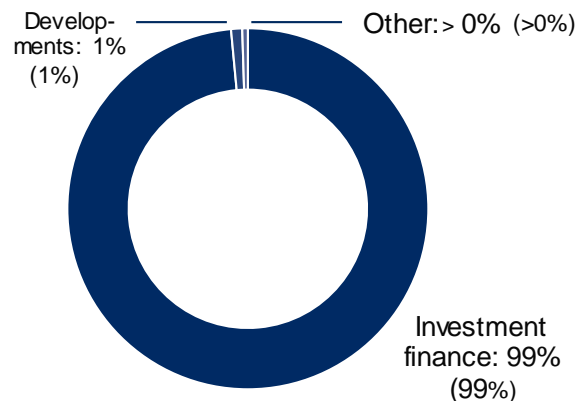
## Portfolio by property type

(vs. 12/2019)



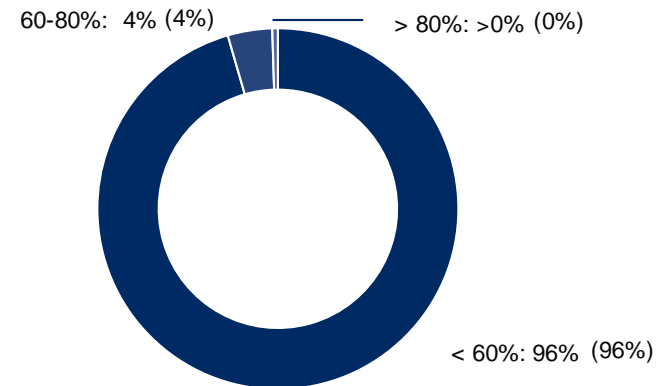
## Portfolio by product type

(vs. 12/2019)



## Portfolio by LTV ranges<sup>2)</sup>

(vs. 12/2019)



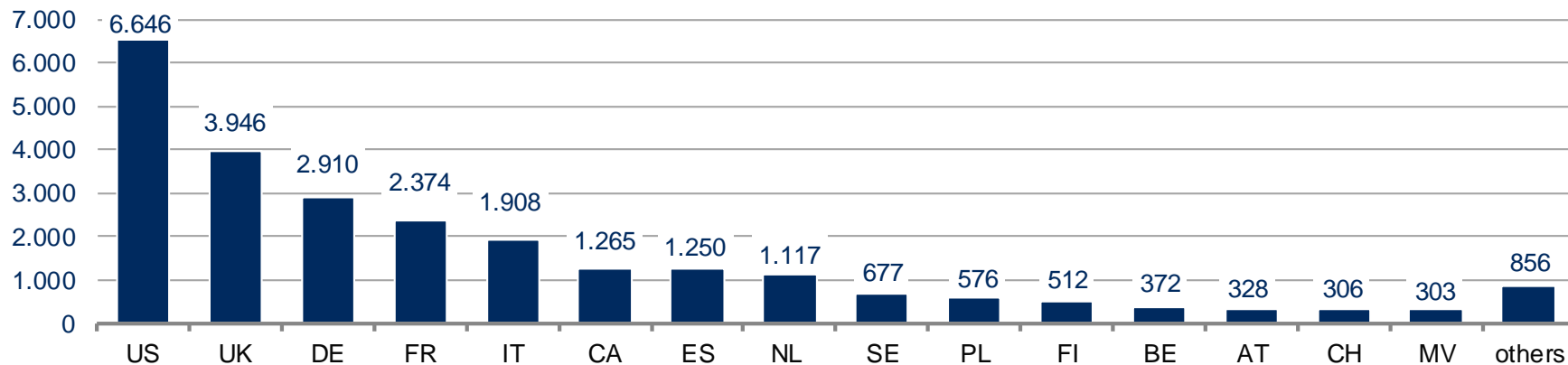
1) Incl. Student housing (UK & Australia only)

2) Performing CREF-portfolio only, LTV / YoD pre Covid-19, exposure as at 31.03.2020

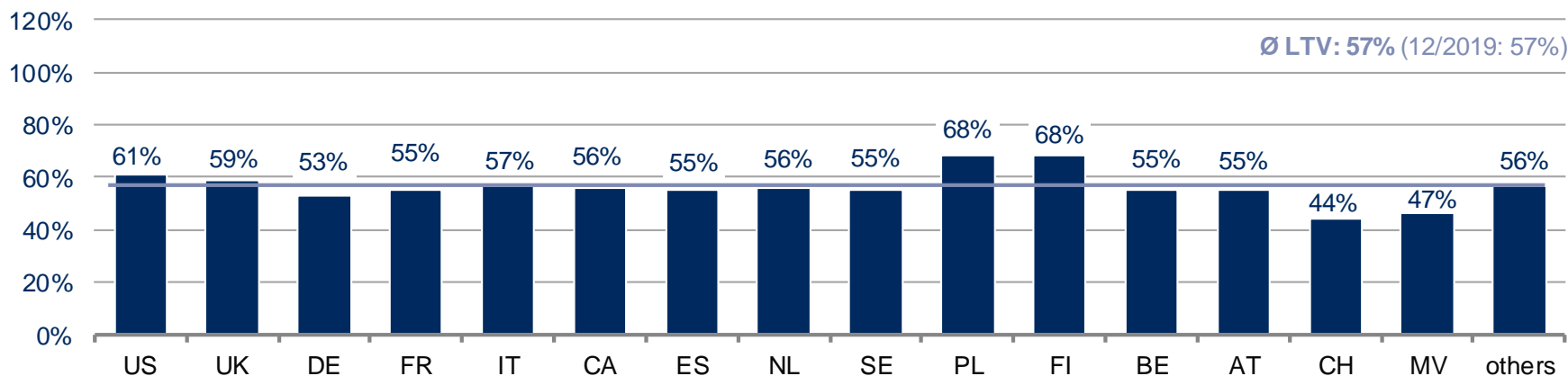
# Commercial real estate finance portfolio (CREF)

LTV levelling out due to active portfolio management and succ. de-risking

Total commercial real estate finance portfolio (€ mn)



LTV<sup>1)</sup>

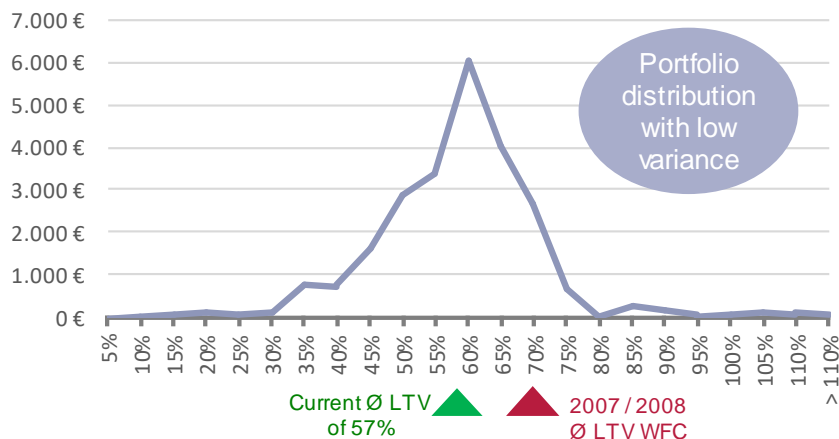


1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure asat 31.03.2020

# Commercial real estate finance portfolio<sup>1)</sup> (CREF)

## Conservative risk parameters

### Total CREF exposure by LTV<sup>1)</sup>



### Portfolio risk matrix

Exposure		LTV						
		70% bis 75%	75% bis 80%	80% bis 85%	85% bis 90%	90% bis 95%	95% bis 100%	über 100%
Probability	100%	250		132		71		
	95%							
	90%							
	85%							
	80%							
	75%							
	70%							
	60%							
40%								
20%								

### Density

Current average LTV of 57%

Layered LTVs:

- > 70% LTV exposure: € 250 mn
- > 80% LTV exposure: € 132 mn
- > 90% LTV exposure: € 71 mn

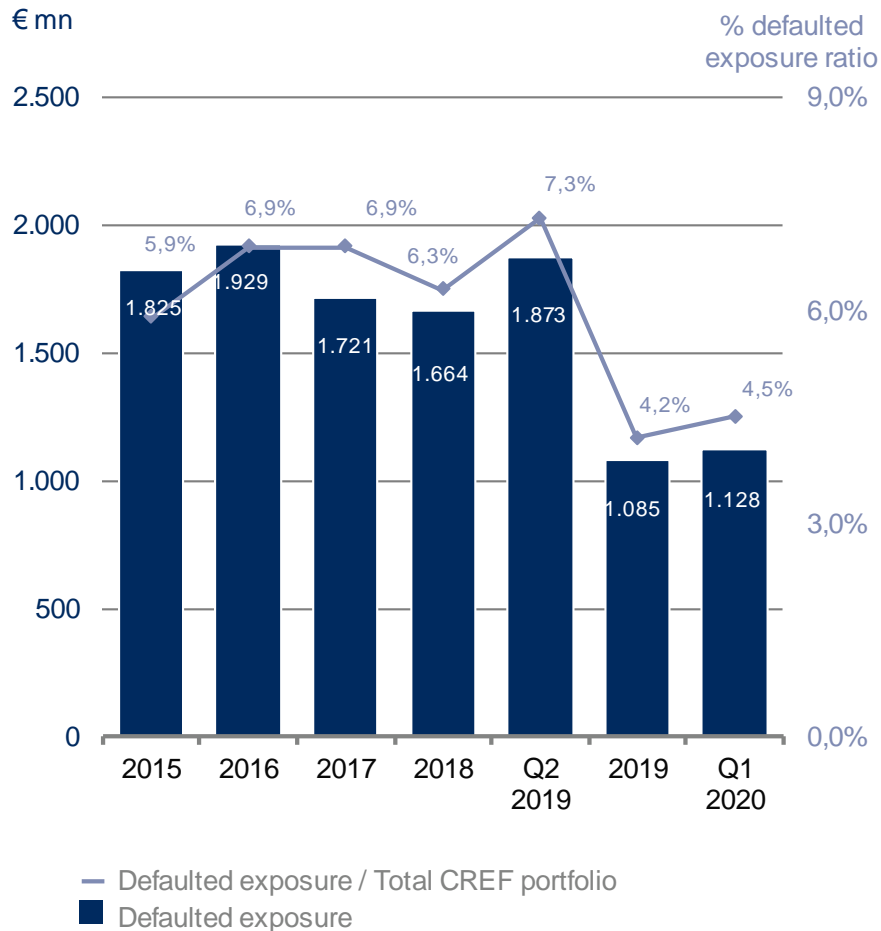
- High portfolio concentration at 57% LTV
- Fairly small tail risk

1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure (excl. commitments) asat 31.03.2020

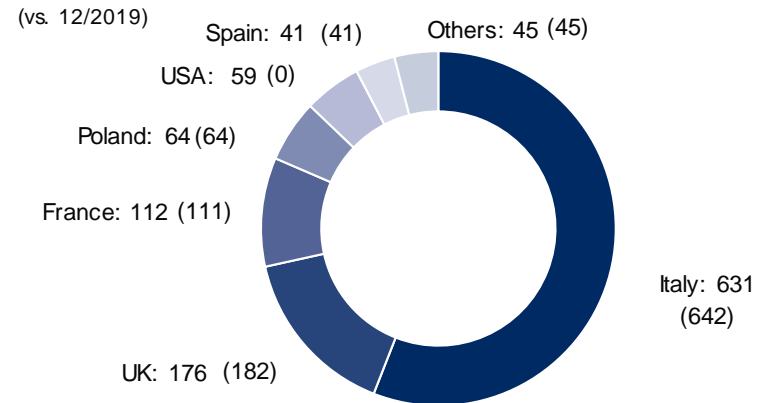
# Defaulted exposure

Slightly increased NPL ratio driven by lower portfolio / one new NPL

## Development of defaulted exposure



## Defaulted exposure by country (€ mn)



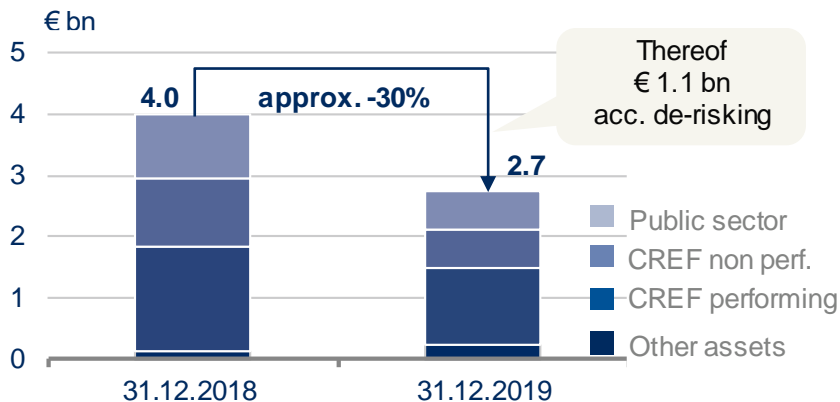
Slightly increased NPL ratio due to

- Lower portfolio size
- A single new NPL in the US: The already finally negotiated restructuring of a loan felt through due the outbreak of Covid-19

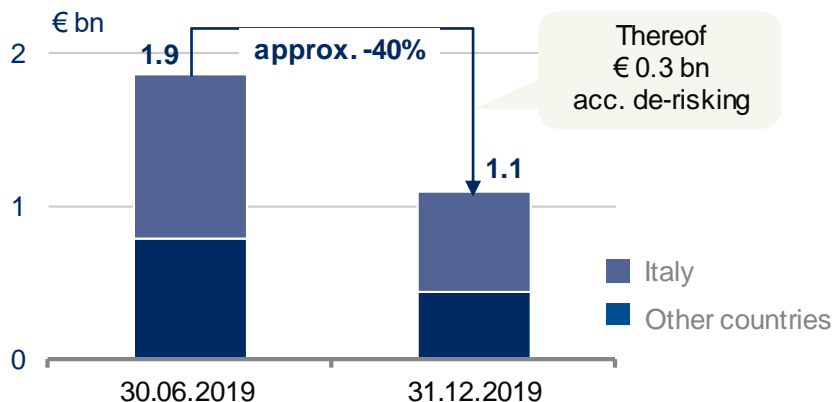
# Accelerated de-risking

## 40% NPL reduction achieved in H2

### Italian exposure, FY2018-2019



### Non performing loans, H1 2019 – H2 2019



### Accelerated de-risking

- Program with focus on Italian portfolio, continued in Q4 with Italian credit risk further down by approx. € 0.6 bn (thereof € 0.3 bn NPL, € 0.3 bn single borrower risk)
- Total effect from accelerated de-risking of approx. € 1.2 bn<sup>1)</sup> Italian credit risk in 2019
- P&L burden 2019 of approx. € 50 mn (€ ~15 mn in Q4)

### NPL reduction

- In H2 2019 total NPL volume down by approx. 40%
- Italian NPL also down by approx. 40% in 2019 (incl. a foreclosed Italian asset of approx. € 90 mn taken on own book for future development, not part of acc. de-risking)

1) thereof € 350 mn NPL (in FY 2019, of which € 310 mn in H2 2019), € 350 mn single borrower risk, € 410 mn BTPs, € 80 mn NPL provisioned for future reduction



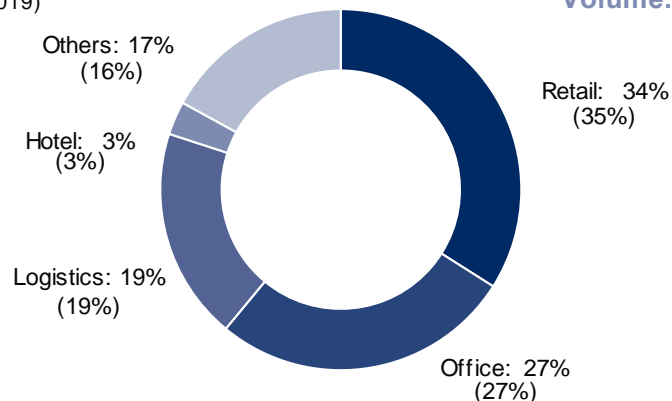
# Spotlight: Italian CREF portfolio (€ 1.9 bn)

Successful de-risking led to substantial improvements

## Italian Portfolio by property type

Volume: € 1.9 bn

(vs. 12/2019)



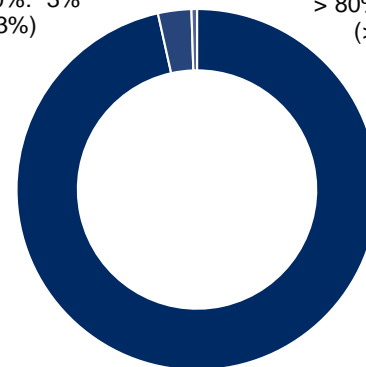
## Italian Portfolio by LTV ranges<sup>1)</sup>

(vs. 12/2019)

60-80%: 3%  
(3%)

> 80%: >0%  
(>0%)

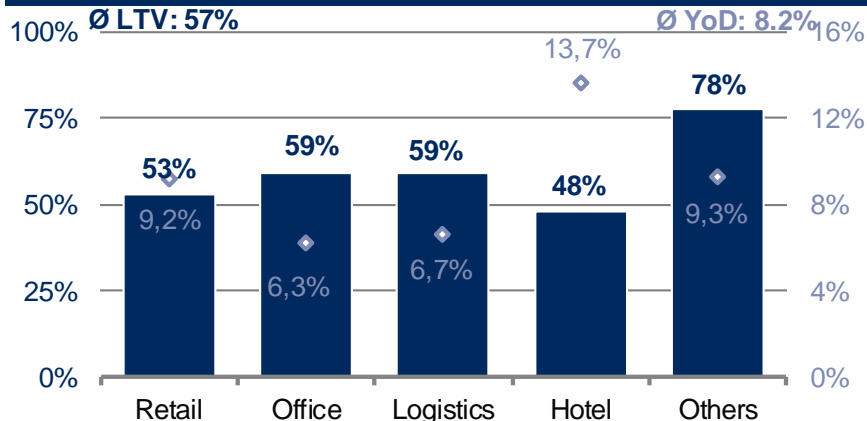
Ø LTV: 57%



## Average LTV / YoD by property type<sup>1)</sup>

Ø LTV: 57%

Ø YoD: 8.2%



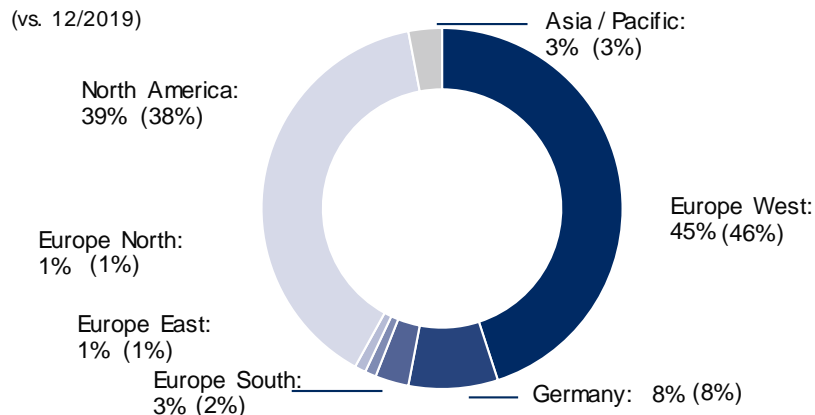
## Comments

- Stable portfolio size after successful de-risking in 2019
- LTV: € 45 mn > 70% / € 9 mn > 80% / € 4 mn > 90%
- Defaulted exposure: € 631 mn

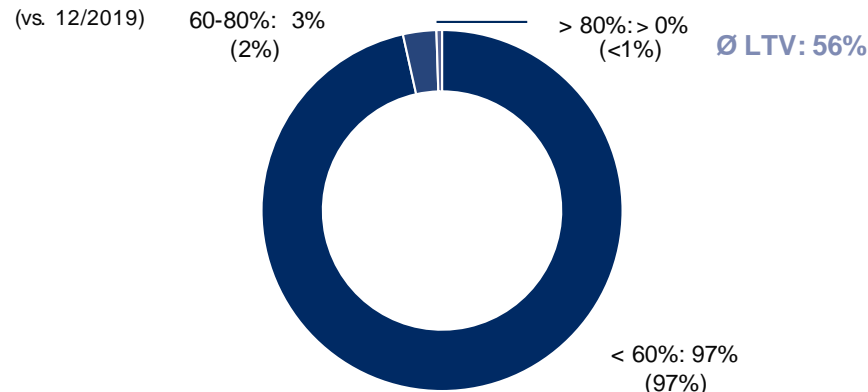
1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure asat 31.03.2020

# Spotlight: CREF-Hotel Portfolio (€ 8.5 bn)

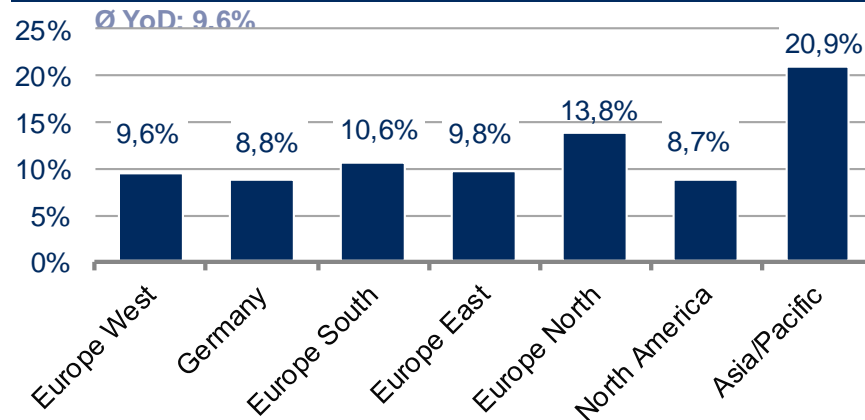
## Hotel Portfolio by region



## Hotel Portfolio by LTV ranges<sup>1)</sup>



## Yield on debt<sup>1)</sup>



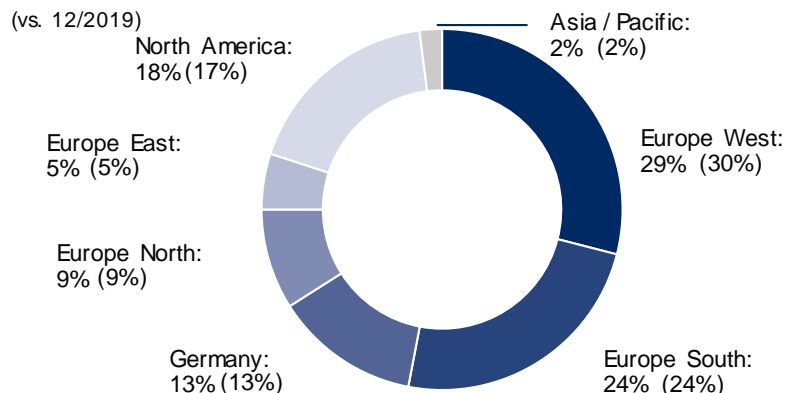
## Comments

- Hotel portfolio represents 34% of total CREF-portfolio focussing on 5\* and 4\* hotels (leisure and business)
- Largest portfolio share in US (€ 2.1 bn), UK (€ 1.8 bn), CA (€ 1.3 bn), NL (€ 0.9 bn), DE (€ 0.7 bn), with substantial state support programs in place, in the US with dedicated focus on hotels
- Ø LTV of hotel portfolio below Ø portfolio LTV (57%)
- Ø YoD (9.6%) above Ø YoD of total portfolio (8.9%)
- Investment finance only, no developments
- LTV: € 29 mn > 70% / € 18 mn > 80% / € 9 mn > 90%
- Defaulted exposure: € 178 mn

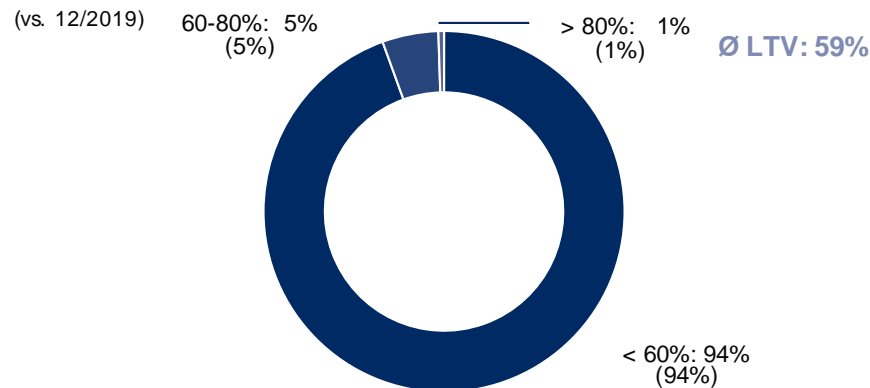
1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure asat 31.03.2020

# Spotlight: CREF-Retail Portfolio (€ 6.0 bn)

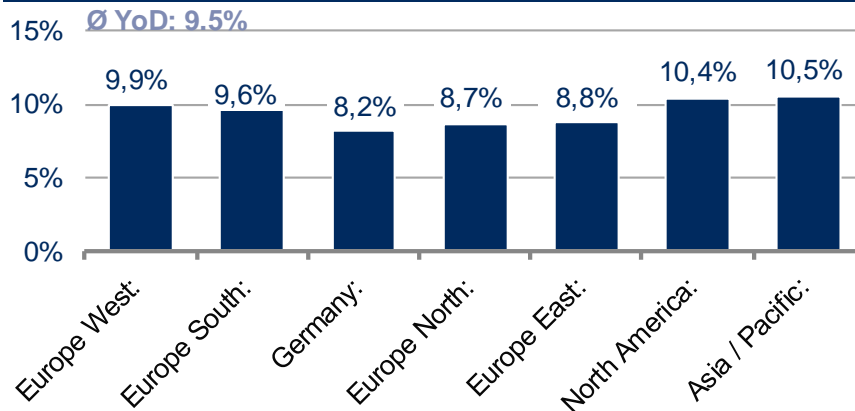
## Retail Portfolio by region



## Retail Portfolio by LTV ranges<sup>1)</sup>



## Yield on debt<sup>1)</sup>



## Comments

- Retail portfolio represents 24% of total CREF-portfolio
- ~80% of retail portfolio located in Europe
- Largest portfolio share in UK (~€ 1.3 bn), US (~€ 1.1 bn), DE and ES (~€ 0.8 bn each) and IT (~€ 0.7 bn), with substantial state support programs for tenants in place
- Ø YoD (9.5%) above Ø YoD of total portfolio (8.9%)
- Investment finance only, no developments
- LTV: € 188 mn > 70% / € 106 mn > 80% / € 62 mn > 90%
- Defaulted exposure: € 387 mn

1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure asat 31.03.2020

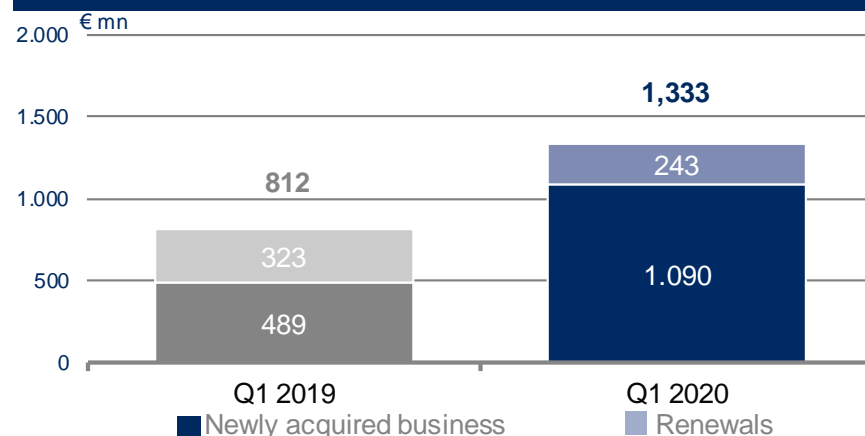
# Segments

04

# Structure Property Financing

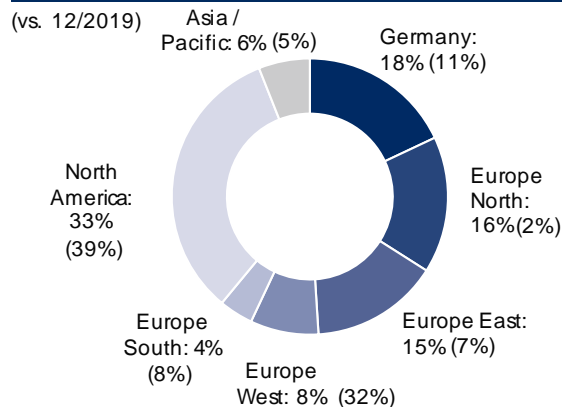
Strong new business origination with margins above plan

## New business origination by quarter<sup>1)</sup>

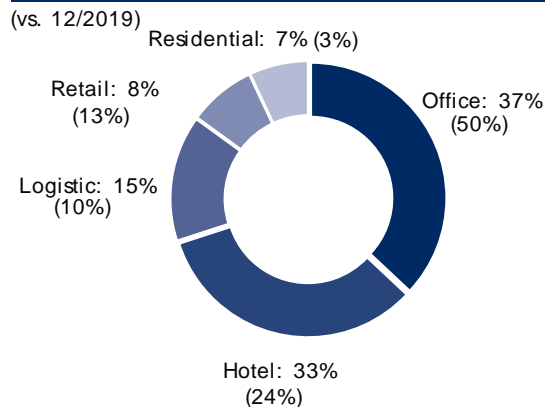


- New business origination significantly above Q1 2019
- Newly acquired business margins of ~200 bp (~185 bp after FX)
- Portfolio at lower end of target size of € 26-28 bn due to
  - Significant parts of Q1 new business origination paid out in April
  - Syndication activities (€ 0.3 bn)
- Confirming portfolio within target range by year-end

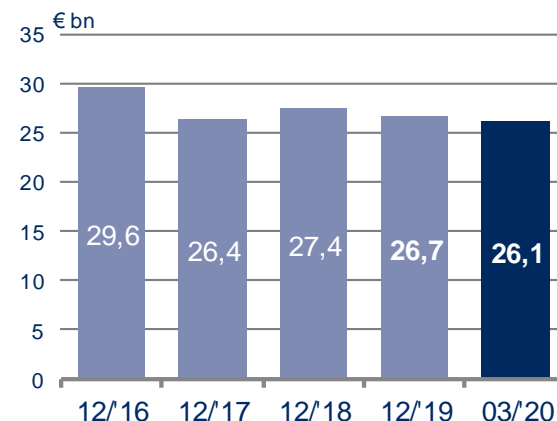
## Q1-new business by region<sup>1)</sup>



## Q1-new business by property type<sup>1)</sup>



## REF portfolio development<sup>1)</sup>



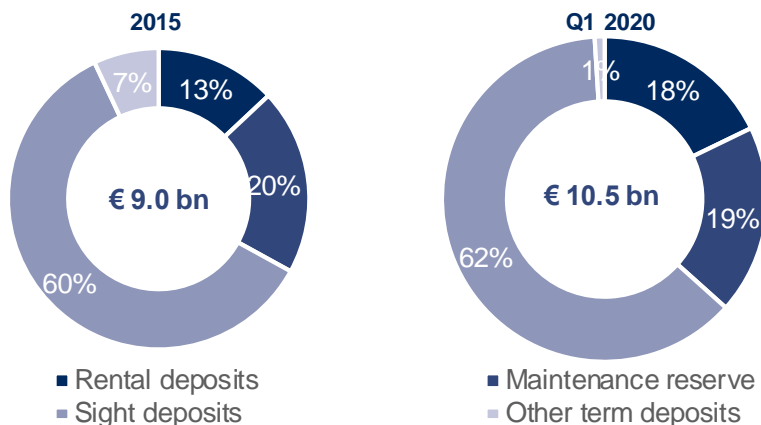
1) Incl. renewals

# Consulting/Services Bank

Significantly better results due to new modelling of deposits

Additionally improved earnings statement via adjusted transfer pricing

## Split of deposits by type



- Stable deposit volume (vs. YE), quality further improved
- Net interest income increased to € 10 mn in Q1 '20 (Q1 '19: € -3 mn)
  - Adjusted modelling: Increase modelled volumes and maturities of optimised deposit base structure (bottom line NII improvement)
  - Transfer price: Adjustment of liquidity prices from secured to unsecured spreads acc. to nature of deposits reflecting Aareal's current funding mix (allocation of NII)
- Net commission income improved yoy
- Confirming NCI guidance: +15% yoy

€ mn	Q1 '19	Q2 '19	Q3 '19	Q4 '19	Q1 '20
Net interest income	-3	-3	-4	-5	10
Net commission income	4	6	7	6	5
Admin expenses	18	19	20	16	18
Net other operating income	0	-1	0	1	0
<b>Operating profit</b>	<b>-17</b>	<b>-17</b>	<b>-17</b>	<b>-14</b>	<b>-3</b>

# Aareon

## Increased sales revenue and EBITDA

€ mn	Q1 '19	Q2 '19	Q3 '19	Q4 '19	Q1 '20
Sales revenues	59	63	60	70	64
▪ <i>Thereof ERP revenue</i>	47	51	48	55	49
▪ <i>Thereof Digital revenue</i>	12	12	12	16	15
Costs <sup>1</sup>	-45	-48	-47	-50	-50
▪ <i>Thereof material costs</i>	-10	-11	-11	-12	-11
<b>EBITDA</b>	<b>14</b>	<b>15</b>	<b>13</b>	<b>20</b>	<b>14</b>
One-offs	0	0	0	0	0
Strategic investments	0	0	-1	-2	-1
<b>Adj. EBITDA</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>22</b>	<b>15</b>
<b>EBITDA</b>	<b>14</b>	<b>15</b>	<b>13</b>	<b>20</b>	<b>14</b>
D&A / Financial result	-6	-6	-6	-6	-7
<b>EBT / Operating profit</b>	<b>8</b>	<b>9</b>	<b>7</b>	<b>13</b>	<b>7</b>

- Aareon sales revenue increased by € 5 mn to € 64 mn in Q1 '20 (Q1 '19: € 59 mn) translating to 8% qoq increase in Adj. EBITDA (excl. one-offs and strategic investments)
- Costs in Q1 '20 increased to € 50 mn (Q1 '19: € 45 mn) as expected, mainly driven by higher number of FTEs
- Strategic investments supporting Aareon's growth strategy rose by € 1 mn qoq on the backdrop of ramp-up of Strategic Initiatives
- Strong Consulting revenue in Q1 '20: € 17.4 mn (+10% qoq), but some projects expected to either be delayed or be cancelled over the course of the year
- Under current circumstances, Aareon sees this crisis from a business point of view as a singular event and expects an adjusted EBITDA effect in FY 2020 of ~ € -10 mn
- Crisis as a catalyst for digitization potentially leading to additional future business opportunities for Aareon
- Mid term 2025 targets and commitments remain in place. Hence it is rather a shift down the road than a losing revenue for good

1) Incl. capitalised software and other income

# Group results Q1 2020

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**Aareal**



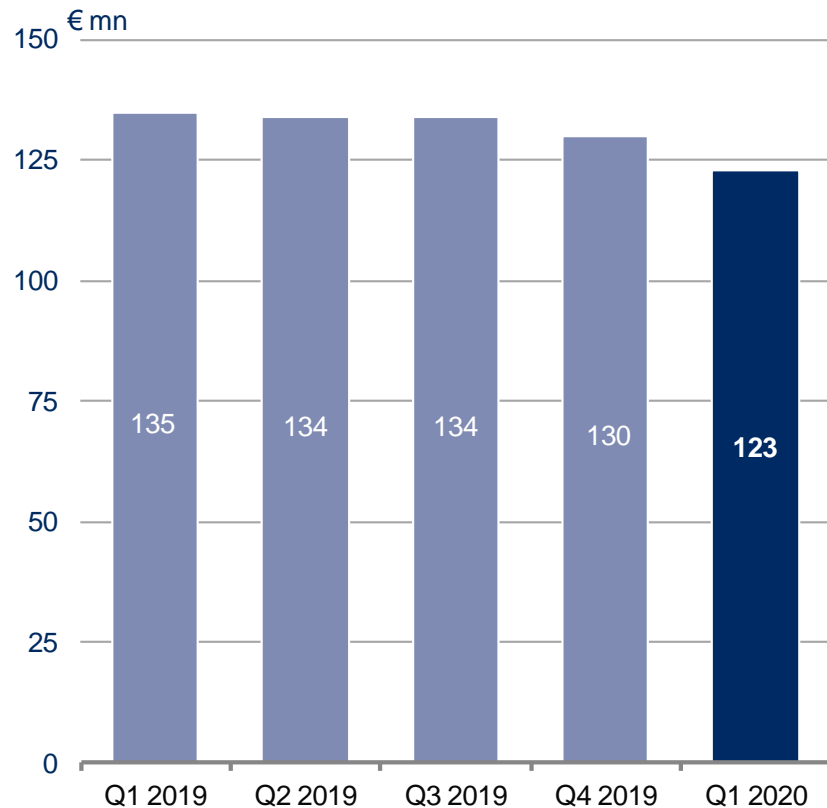
# Q1 results 2020

## Positive despite Covid-19 impact and FY-banking levy

€ mn	Q1 '19	Q2 '19	Q3 '19	Q4 '19	Q1 '20	Q1 2020-Comments
Net interest income	135	134	134	130	123	Reflecting lower portfolio size in Q1 due to successful de-risking in 2019
Derecognition result	16	11	15	22	7	Normalised multi-year average after adjustments of TR-portfolio
Loss allowance	5	23	27	35	58	Covid-19 triggered a single new NPL as well as model parameter adjustments due to increased economic uncertainties
Net commission income	53	57	54	65	57	Continuously significant above previous year's levels
FV- / hedge-result	6	-7	2	-4	11	e.g. effects from syndication and valuation of derivatives
Admin expenses	144	112	114	118	129	Lower costs, Q1 incl. FY banking levy
<i>Others</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>2</i>	<i>0</i>	
<b>Operating profit (EBT)</b>	<b>61</b>	<b>61</b>	<b>64</b>	<b>62</b>	<b>11</b>	<b>Positive despite Covid-19 impact and FY-banking levy</b>
Income taxes	21	20	24	20	4	
Minorities / AT1	5	4	5	4	5	
<b>Consolidated net income allocated to ord. shareholders</b>	<b>35</b>	<b>37</b>	<b>35</b>	<b>38</b>	<b>2</b>	<b>Positive despite Covid-19 impact and FY-banking levy</b>
Earnings per share (€)	0.59	0.61	0.60	0.62	0.04	

## Net interest income (NII)

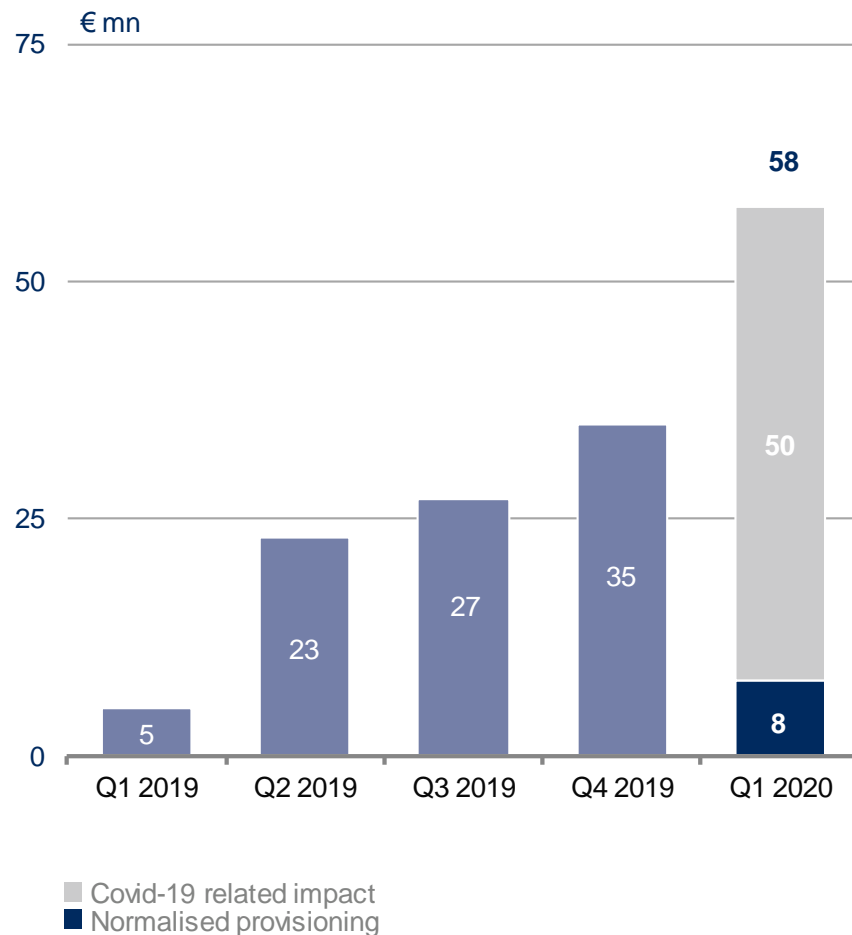
Reflecting lower portfolio size in Q1 due to successful de-risking in 2019



- Successful de-risking in 2019 led to a lower CREF- and TR portfolio
- Syndication activities in Q1 continued
- Confirming portfolio within target range of € 26-28 bn by year end
- NII expected to stabilise slightly above current level throughout 2020

## Loss allowance (LLP)

Covid-19 triggered a single new NPL as well as model parameter adjustments due to increased economic uncertainties

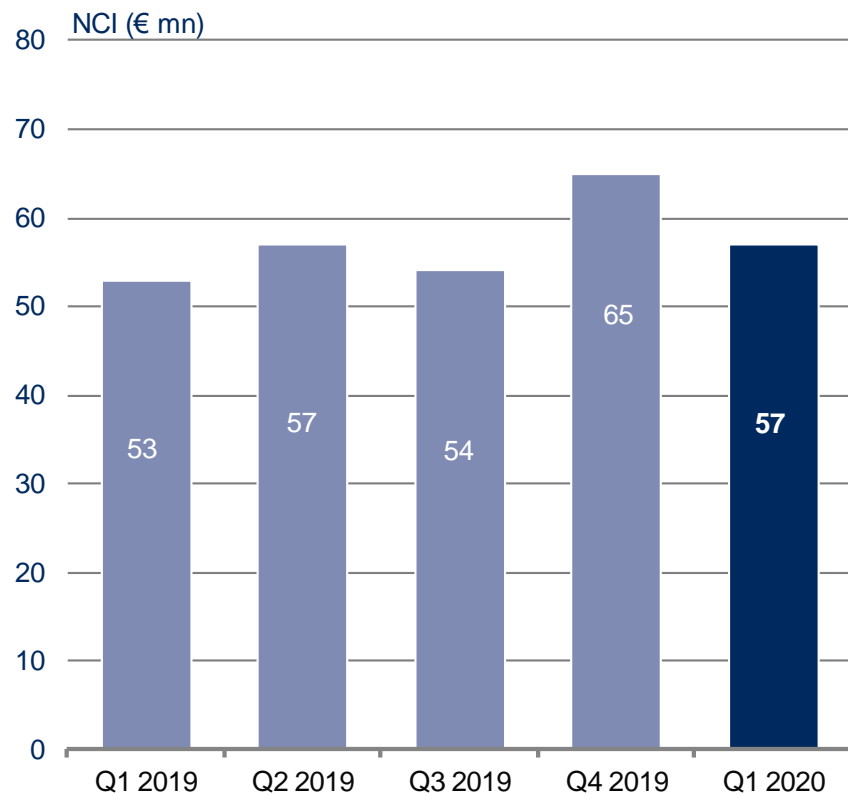


LLP as a combination of

- € 8 mn normalised provisioning
- € 50 mn Covid-19 related impact
  - € 17 mn model parameter adjustments (due to increased economic uncertainties)
  - € 33 mn new US-NPL: The already final negotiated restructuring of a loan fell through due the outbreak of Covid-19

# Net commission income

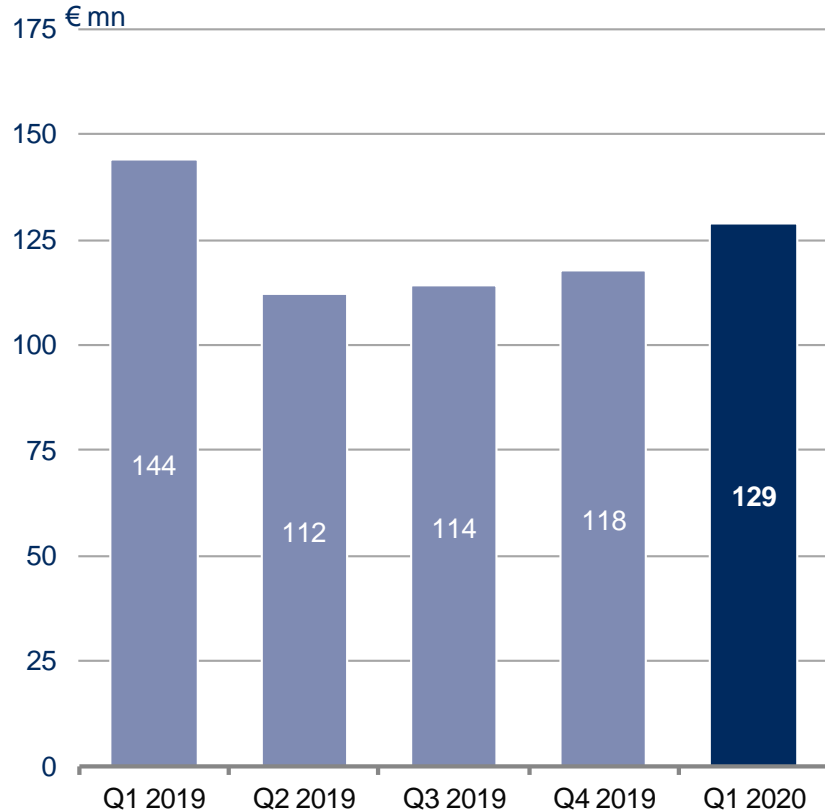
Continuously significant above previous year's levels



- Further increase by 8% yoy driven by Aareon
  - Aareon's positive development is driven by planned organic growth and contribution of CalCon
  - Digital +30% qoq
- C/S Bank increased contribution of € 5 mn in line with planned increase of 15% yoy
- CREF-contribution of € 2 mn

# Admin expenses

Lower costs, Q1 incl. FY banking levy



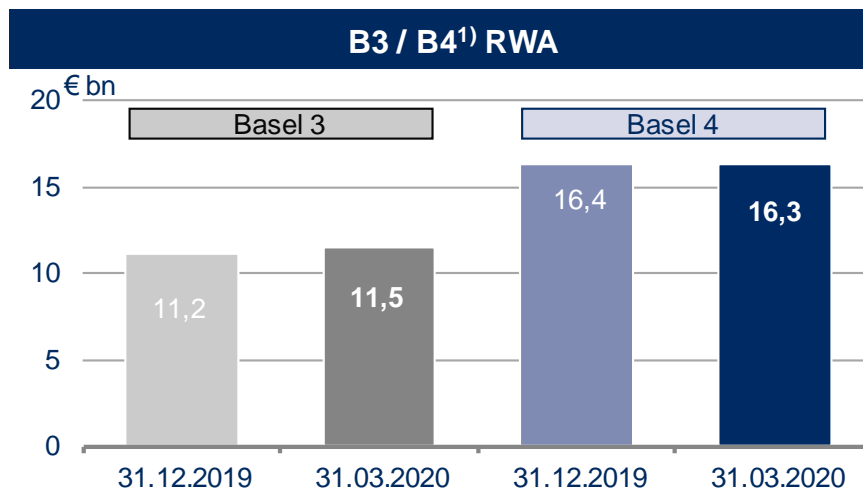
- Q1 admin expenses incl.
  - € 18 mn for FY-European bank levy and ESF
  - € 3 mn transformation costs
  - € 10 mn Covid-19 related underspend cost savings
- Additional € 5 mn (vs. Q1 2019) from Aareon growth (organic and M&A activities)

# Capital, B/S, Funding/Liquidity

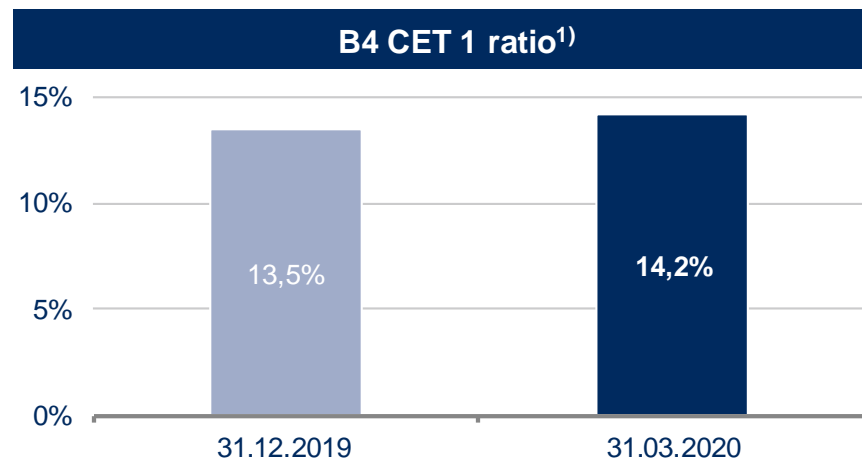
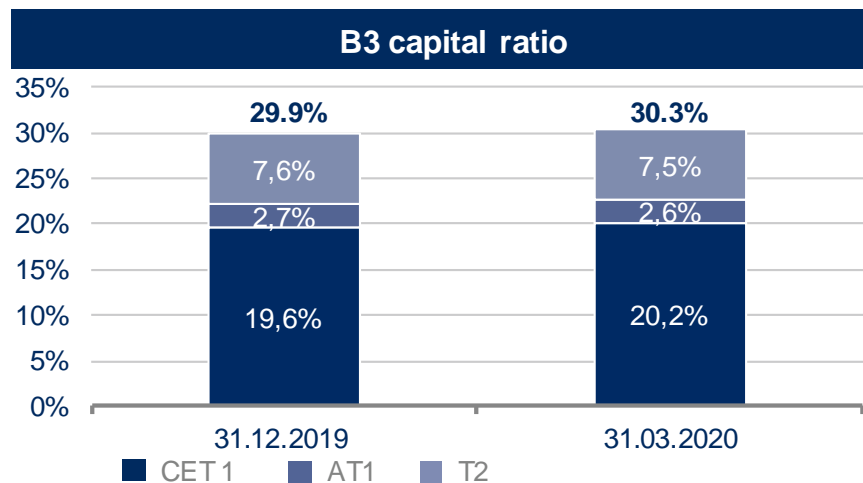
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# Capital

## Solid capital ratios



- Solid capital ratios further increased
- Capital<sup>2)</sup>: + Dividend<sup>3)</sup>
  - Covid-19 related dilution of OCI-bonds
  - Prudential provisioning
- RWA:
  - Lower portfolio volume
  - + Covid-related default
  - + Revaluation effects
  - + Incorporation of collaterals from new loans after reporting date (only B3)
- T1-Leverage ratio: 6.6%
- Remaining regulatory uncertainties (models, ICAAP, ILAAP, B4 etc.): modelled RWA's may further inflate

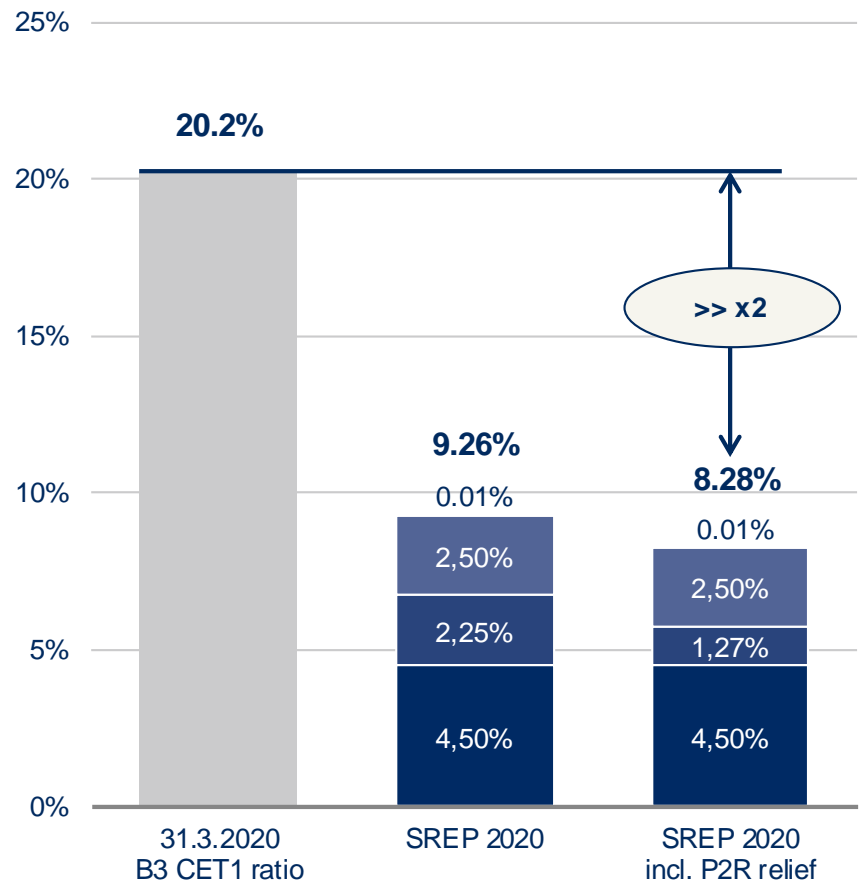


1) Underlying RWA estimate, given a 72.5% output floor based on the final Basel Committee framework dated 7 December 2017, calculation subject to outstanding EU implementation as well as the implementation of further regulatory requirements  
 2) When calculating own funds as at 31.03.2020, interim profits were taken into account, deducting the pro-rata dividend in line with the dividend policy, and incorporating the pro-rata accrual of net interest payable on the AT 1 bond.  
 3) Dividend 2019: subject to AGM decision

# SREP (CET 1) requirements

Demonstrating conservative and sustainable business model

## B3 CET1 ratio vs. SREP (CET1) requirements



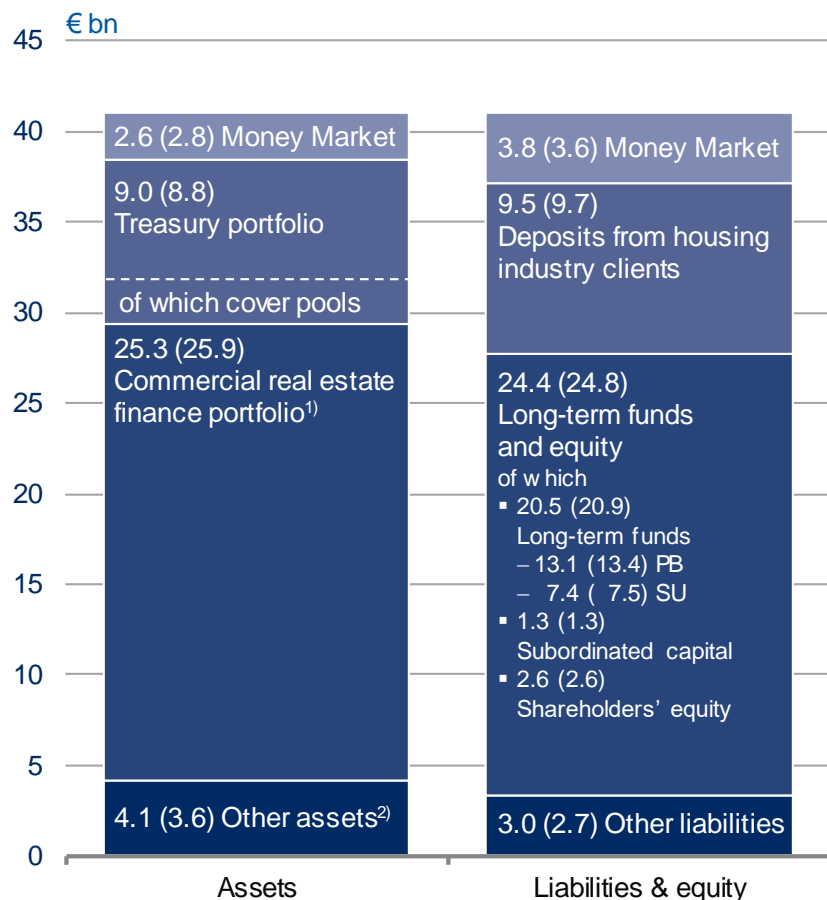
- B3 CET1 buffer translates into > € 1.3 bn
- P2R relief by using possibility of partially fulfilling requirements with AT1 and T2 capital
- Total capital requirement 2020 (Overall Capital Requirement (OCR) amounts to 12.8%
- Corresponding total capital ratio amounts to 30.3% (31.3.2020)
- All ratios already include TRIM effects as well as prudential provisioning

- Countercyclical Buffer
- Capital Conservation Buffer
- Pillar 2 Requirement
- Pillar 1 Requirement



# B/S structure according to IFRS

As at 31.03.2020: € 41.0 bn (31.12.2019: € 41.1 bn)



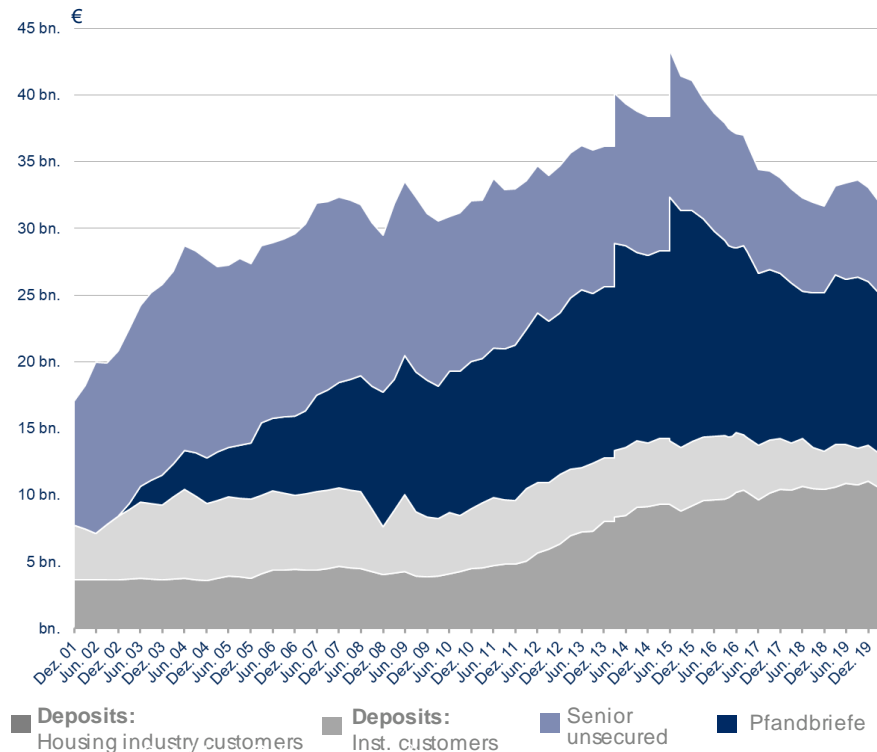
- Well balanced B/S structure
- Comfortable money market liquidity buffer after successful de-risking in 2019

1) CREF-portfolio only, private client business (€ 0.4 bn) and WIB's public sector loans (€ 0.3 bn) not included

2) Other assets includes € 0.4 bn private client portfolio and WIB's € 0.3 bn public sector loans

# Funding / Liquidity

## Diversified funding sources and distribution channels



- Sustainable and strong housing industry deposit base:
  - Stays at a high level and counts for more than 30% of well diversified funding mix
  - Demonstrates the expected high resistance at the top of the Covid-19 crisis and low volatility of the volume
  - Becomes an even more attractive funding instrument due to overall wider credit spreads for capital markets instruments
- 04/'20: Successful issuance of EUR 100 Mio. senior preferred notes at attractive funding spreads (3Y, MS +95) even in a very volatile and challenging market environment
- High Liquidity position additionally supported by successful de-risking in 2019
- Liquidity ratios significantly over fulfilled:
  - NSFR > 100%
  - LCR >> 100%

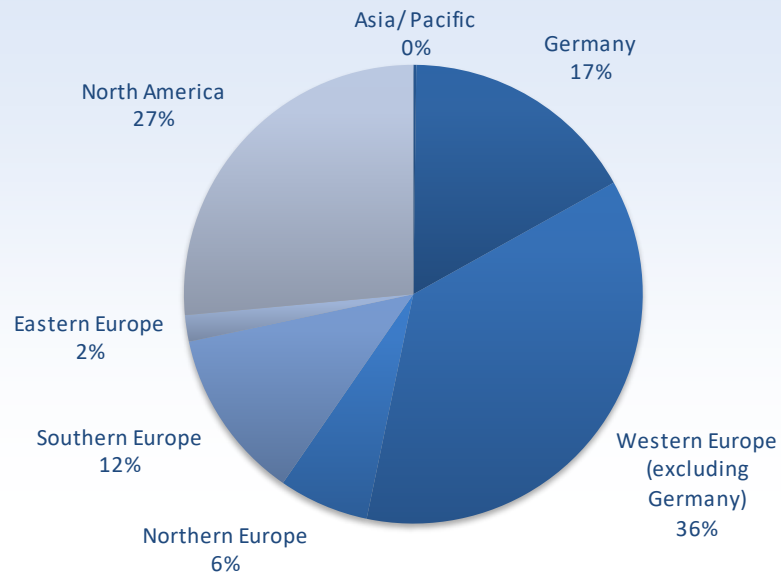
# Mortgage Cover Pool

## Well diversified regarding Geography and Property Type

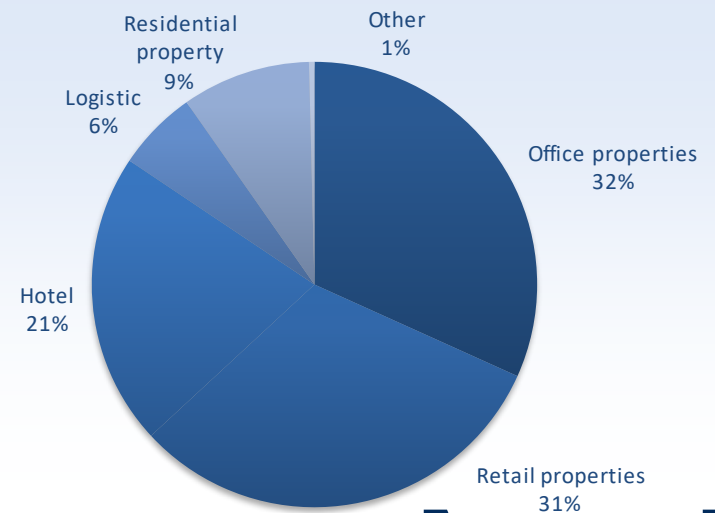
- Cover pool of € 11.9 bn including € 1.3 bn substitute assets diversified over 18 countries
- High quality of assets: first-class mortgage loans (mortgage-lending-value 55.9%)
- Mortgage-lending-value with high discount from market-value
- Ø LTV of the mortgage cover pool 33.5%
- Moody's has calculated a 'Aaa' supporting over-collateralisation ratio of 10.5% <sup>1)</sup> on a PV basis
- Over-collateralisation on a PV basis as of 31.03.2020: 13.6%
- High diversification within property types



### Cover Pool by Geography




### Cover Pool by Property Typ



# Funding

## Favourable market environment used for strong funding activities

### Capital markets refinancing activities 2019



**Aareal Bank Group**

**0.125% EUR** 750.000.000  
Hypothekendarlehen

5 Years  
Maturity 01.02.2024  
ISIN: DE000AAR0249

Lead Manager  
Commerzbank, Deka Bank,  
DZ Bank, Natixis, UniCredit

January 2019



**Aareal Bank Group**

**0.125% EUR** 250.000.000  
Aufstockung auf € 750 Mio.  
Hypothekendarlehen

4 Years  
Maturity 01.02.2023  
ISIN: DE000AAR0231

Lead Manager  
BayernLB, Commerzbank, Deka  
Bank, DZ Bank, HSBC, LBBW

March 2019h




**Aareal Bank Group**

**2.625% USD** 600.000.000  
Hypothekendarlehen

2 Years  
Maturity 15.07.2021  
ISIN: XS1983343838

Lead Manager  
Citigroup, Goldman Sachs,  
HSBC, NatWest Markets

April 2019




**Aareal Bank Group**

**0.375% EUR** 500.000.000  
Senior Preferred

5 Years  
Maturity 10.04.2024  
ISIN: DE000A2E4CQ2

Lead Manager  
Commerzbank, Deka Bank,  
DZ Bank, Nomura

April 2019



**Aareal Bank Group**

**0.01% EUR** 500.000.000  
Hypothekendarlehen

8 Years  
Maturity 08.07.2027  
ISIN: DE000AAR0256

Lead Manager  
Deka Bank, DZ Bank, HSBC,  
NordLB, UniCredit

June 2019

### Capital markets refinancing activities 2018



**Aareal Bank Group**

0.125%  
**EUR** 500.000.000  
Hypothekendarlehen

4 Years  
Maturity 01.02.2023  
ISIN: DE000AAR0231

Lead Manager  
BayernLB, Commerzbank, DZ  
Bank, HSBC, UniCredit

November 2018




**Aareal Bank Group**

1.500%  
**GBP** 250.000.000  
Hypothekendarlehen

4 Years  
Maturity 16.06.2022  
ISIN: XS1883300292

Lead Manager  
Goldman Sachs, HSBC,  
Nomura

September 2018




**Aareal Bank Group**

0.125%  
**EUR** 500.000.000  
Hypothekendarlehen

5 Years  
Maturity 31.07.2023  
ISIN: DE000AAR0223

Lead Manager  
DekaBank, Deutsche Bank,  
GS, HSBC, UniCredit

September 2018




**Aareal Bank Group**

0.375%  
**EUR** 500.000.000  
Hypothekendarlehen

7 Years  
Maturity 15.07.2025  
ISIN: DE000AAR0215

Lead Manager  
DZ Bank, LBBW, Natixis,  
NordLB, Societe Generale

August 2018



**Aareal Bank Group**

0.375%  
**EUR** 500.000.000  
Hypothekendarlehen

6 Years  
Maturity 30.07.2024  
ISIN: DE000AAR0207

Lead Manager  
BayernLB, BNP, DekaBank,  
Commerzbank, UniCredit

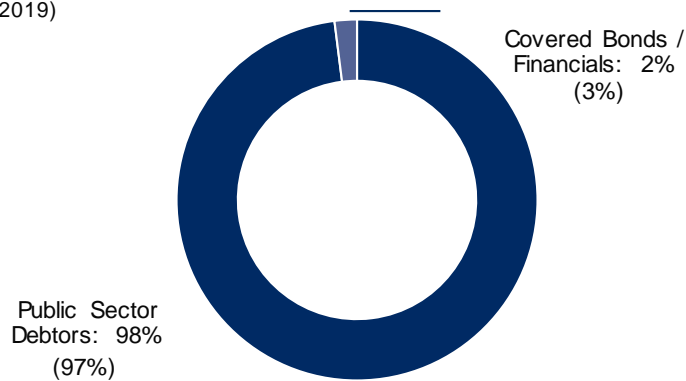
March 2018

# Treasury portfolio

€ 7.5 bn (2019: € 7.3 bn) of high quality and highly liquid assets

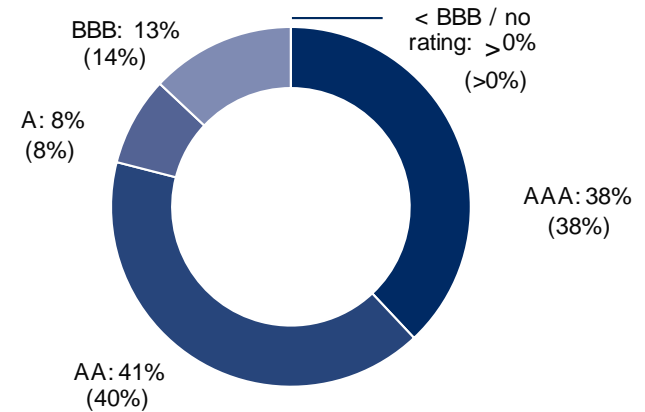
## by asset class

(vs. 12/2019)



## by rating<sup>1)</sup>

(vs. 12/2019)



Rating mix again slightly improved:  
Share of BBB at only 13%

As at 31.03.2020 – all figures are nominal amounts  
1) Composite Rating

# Outlook 2020

07

# Outlook 2020

We had qualified our annual forecast published in the 2019 Annual Report, noting that the impact of the COVID-19 pandemic cannot be reliably estimated and that it is thus impossible to anticipate the consequences for business and earnings development.

In the remaining course of the year and in addition to our strategic initiatives as part of “Aareal Next Level” we focus to overcome the challenges and impacts from the Covid-19 pandemic together with our clients.

**Crucial Question:** When will the economic recovery kick-in? With what momentum?

**Our assumption:** We assume a continuous normalisation of the global economy from mid 2020 onwards followed by a significant recovery (“Swoosh” shaped) in 2021.

**Our Outlook:** **Based on this assumption and from today’s point of view, we consider a substantially positive operating profit to be within reach.**

In the current environment this outlook is naturally characterized by a high degree of uncertainty – especially regarding the duration and the intensity of the crisis, the speed of the recovery and their subsequent consequences for our clients as well as regulatory and accounting uncertainties and the possibility of not reliably foreseeable defaults of single loans.

# Key Takeaways





# Key takeaways

<b>Key Takeaway</b>	<b>A good starting point</b>	Facing the Covid-19 crisis from a position of strength, with extremely solid capital ratios, sound portfolio and comfortable liquidity position
	<b>Solid performance</b>	Positive Q1 results despite Covid-19 impacts and FY-banking levy
	<b>Manageable risks</b>	From today's point of view Covid-19 risks manageable – even under adverse assumptions
	<b>Realistic guidance</b>	From today's point of view, we consider a substantially positive operating profit to be within reach (see page 36)
	<b>Compelling strategy</b>	Pursuing the strategic priorities of "Aareal Next Level", with a focus on further growth acceleration at Aareon

# Group Results

Appendix

# Aareal Bank Group

## Results Q1 2020

	01.01.- 31.03.2020 € mn	01.01.- 31.03.2019 € mn	Change
<b>Profit and loss account</b>			
Net interest income	123	135	-9%
Loss allowance	58	5	
Net commission income	57	53	8%
Net derecognition gain or loss	7	16	-56%
Net gain or loss from financial instruments (fvpl)	10	6	67%
Net gain or loss on hedge accounting	1	0	
Net gain or loss from investments accounted for using the equity method	0	0	
Administrative expenses	129	144	-10%
Net other operating income / expenses	0	0	
<b>Operating Profit</b>	<b>11</b>	<b>61</b>	<b>-82%</b>
Income taxes	4	21	-81%
<b>Consolidated net income</b>	<b>7</b>	<b>40</b>	<b>-83%</b>
Consolidated net income attributable to non-controlling interests	1	1	
Consolidated net income attributable to shareholders of Aareal Bank AG	6	39	-85%
<b>Earnings per share (EpS)</b>			
Consolidated net income attributable to shareholders of Aareal Bank AG <sup>1)</sup>	6	39	-85%
of which: allocated to ordinary shareholders	2	35	-94%
of which: allocated to AT1 investors	4	4	
Earnings per ordinary share (in €) <sup>2)</sup>	0.04	0.59	-93%
Earnings per ordinary AT1 unit (in €) <sup>3)</sup>	0.04	0.04	

1) The allocation of earnings is based on the assumption that net interest payable on the AT1 bond is recognised on an accrual basis.

2) Earnings per ordinary share are determined by dividing the earnings allocated to ordinary shareholders of Aareal Bank AG by the weighted average of ordinary shares outstanding during the financial year (59,857,221 shares). Basic earnings per ordinary share correspond to diluted earnings per ordinary share.

3) Earnings per AT1 unit (based on 100,000,000 AT1 units with a notional amount of 3 € each) are determined by dividing the earnings allocated to AT1 investors by the weighted average of AT1 units outstanding during the financial year. Earnings per AT1 unit (basic) correspond to (diluted) earnings per AT1 unit.

# Aareal Bank Group

## Results Q1 2020 by segments

	Structured Property Financing		Consulting / Services Bank		Aareon		Consolidation/ Reconciliation		Aareal Bank Group	
	01.01.- 31.03. 2020	01.01.- 31.03. 2019	01.01.- 31.03. 2020	01.01.- 31.03. 2019	01.01.- 31.03. 2020	01.01.- 31.03. 2019	01.01.- 31.03. 2020	01.01.- 31.03. 2019	01.01.- 31.03. 2020	01.01.- 31.03. 2019
€ mn										
Net interest income	113	138	10	-3	0	0	0	0	123	135
Loss allowance	58	5			0	0			58	5
Net commission income	2	2	5	4	53	49	-3	-2	57	53
Net derecognition gain or loss	7	16							7	16
Net gain or loss from financial instruments (fvpl)	10	6			0				10	6
Net gain or loss on hedge accounting	1	0							1	0
Net gain or loss from investments accounted for using the equity method					0	0			0	0
Administrative expenses	68	87	18	18	46	41	-3	-2	129	144
Net other operating income / expenses	0	0	0	0	0	0	0	0	0	0
<b>Operating profit</b>	<b>7</b>	<b>70</b>	<b>-3</b>	<b>-17</b>	<b>7</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>61</b>
Income taxes	3	24	-1	-5	2	2			4	21
<b>Consolidated net income</b>	<b>4</b>	<b>46</b>	<b>-2</b>	<b>-12</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>40</b>
<b>Allocation of results</b>										
Cons. net income attributable to non-controlling interests	0	0	0	0	1	1			1	1
Cons. net income attributable to shareholders of Aareal Bank AG	4	46	-2	-12	4	5	0	0	6	39

# Aareal Bank Group

## Results – quarter by quarter

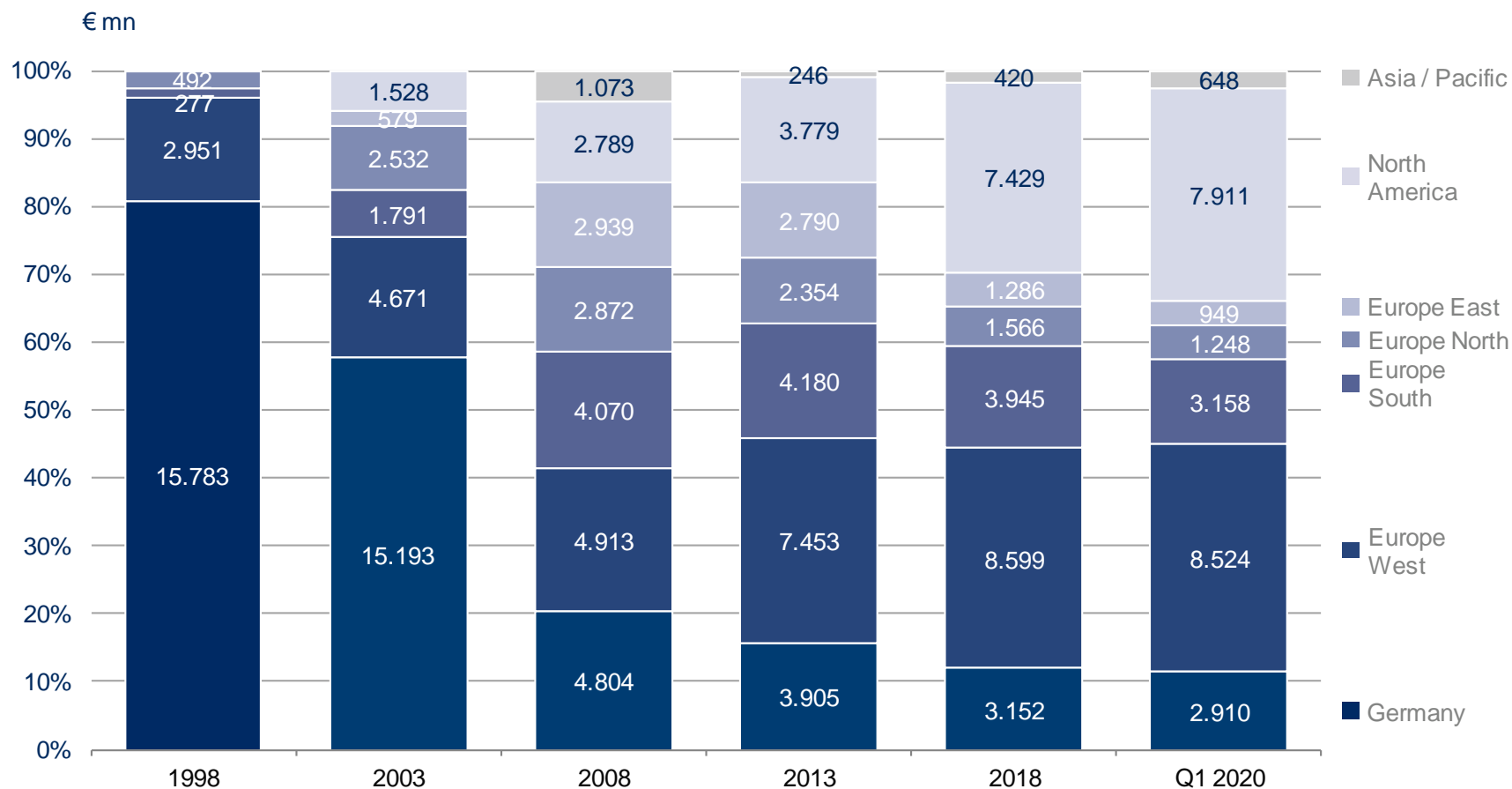
	Structured Property Financing					Consulting / Services Bank					Aareon					Consolidation / Reconciliation					Aareal Bank Group					
	Q1 '20	Q4 2019	Q3 2019	Q2 2019	Q1 2019	Q1 '20	Q4 2019	Q3 2019	Q2 2019	Q1 2019	Q1 '20	Q4 2019	Q3 2019	Q2 2019	Q1 2019	Q1 '20	Q4 2019	Q3 2019	Q2 2019	Q1 2019	Q1 '20	Q4 2019	Q3 2019	Q2 2019	Q1 2019	
€ mn																										
Net interest income	113	135	138	138	138	10	-5	-4	-3	-3	0	0	0	-1	0	0	0	0	0	0	123	130	134	134	135	
Loss allowance	58	35	27	23	5		0				0	0	0	0	0						58	35	27	23	5	
Net commission income	2	4	2	2	2	5	6	7	6	4	53	58	49	52	49	-3	-3	-4	-3	-2	57	65	54	57	53	
Net derecognition gain or loss	7	22	15	11	16																7	22	15	11	16	
Net gain / loss from fin. instruments (fvpl)	10	-4	5	-6	6						0	0									10	-4	5	-6	6	
Net gain or loss on hedge accounting	1	0	-3	-1	0																1	0	-3	-1	0	
Net gain / loss from investments acc. for using the equity method		1									0	0	0		0						0	1	0		0	
Administrative expenses	68	59	55	53	87	18	16	20	19	18	46	46	43	43	41	-3	-3	-4	-3	-2	129	118	114	112	144	
Net other operating income / expenses	0	-1	-1	1	0	0	1	0	-1	0	0	1	1	1	0	0	0	0	0	0	0	1	0	1	0	
<b>Operating profit</b>	<b>7</b>	<b>63</b>	<b>74</b>	<b>69</b>	<b>70</b>	<b>-3</b>	<b>-14</b>	<b>-17</b>	<b>-17</b>	<b>-17</b>	<b>7</b>	<b>13</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>62</b>	<b>64</b>	<b>61</b>	<b>61</b>	
Income taxes	3	21	27	23	24	-1	-4	-6	-6	-5	2	3	3	3	2						4	20	24	20	21	
<b>Consolidated net income</b>	<b>4</b>	<b>42</b>	<b>47</b>	<b>46</b>	<b>46</b>	<b>-2</b>	<b>-10</b>	<b>-11</b>	<b>-11</b>	<b>-12</b>	<b>5</b>	<b>10</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>42</b>	<b>40</b>	<b>41</b>	<b>40</b>	
Cons. net income attributable to non-controlling interests	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1						1	0	1	0	1	
Cons. net income attributable to ARL shareholders	4	42	47	46	46	-2	-10	-11	-11	-12	4	10	3	6	5	0	0	0	0	0	6	42	39	41	39	

# Commercial Real Estate Finance Portfolio

Appendix

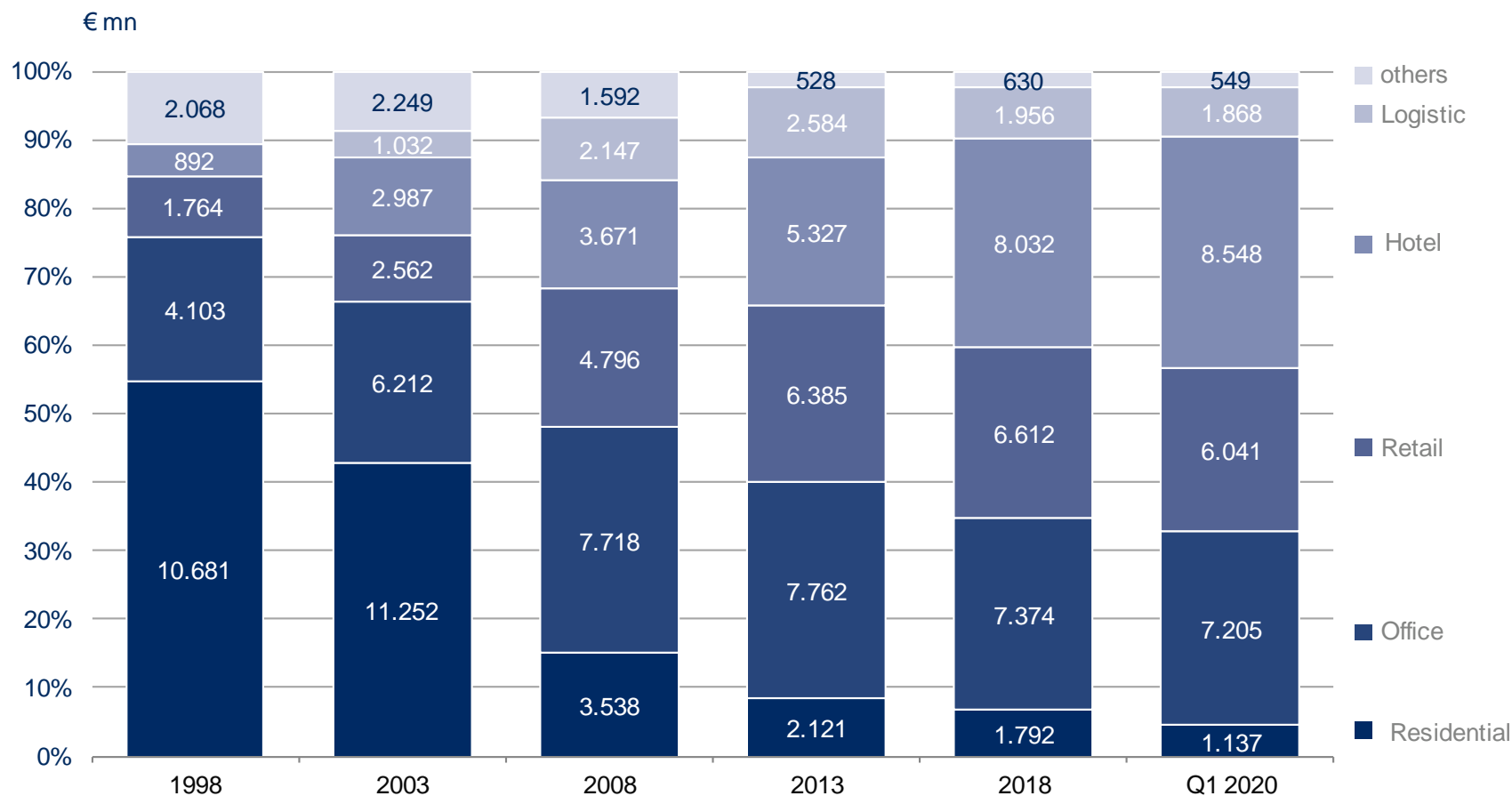
# Development commercial real estate finance portfolio

By region



# Development commercial real estate finance portfolio

By property type

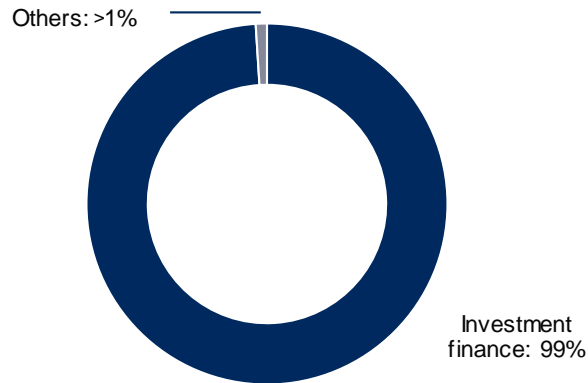




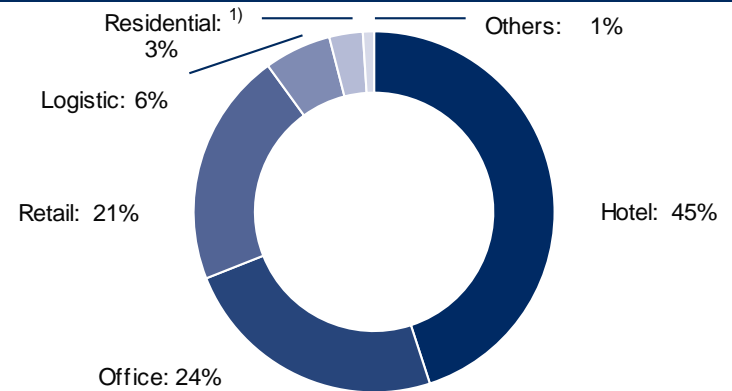
# Western Europe (ex Germany) CREF portfolio

Total volume outstanding as at 31.03.2020: € 8.5 bn

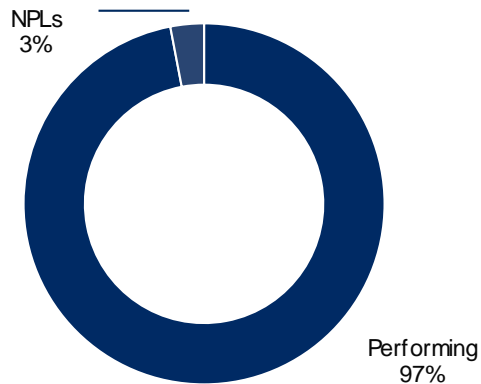
### by product type



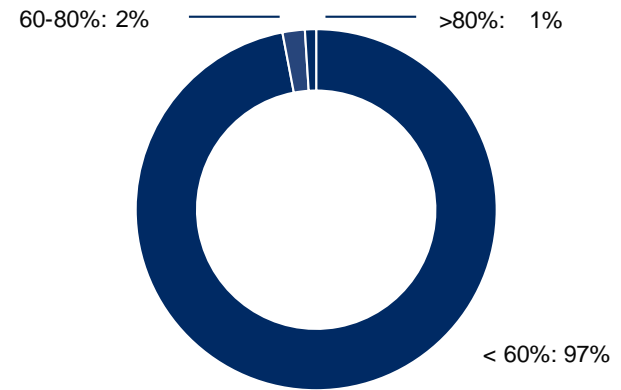
### by property type



### by performance



### by LTV ranges<sup>2</sup>



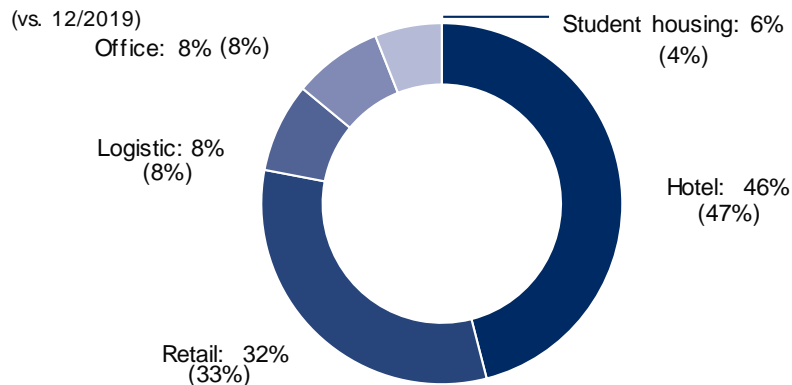
1) Incl. Student housing (UK & Australia only)

2) Performing CREF-portfolio only, LTV / YoD pre Covid-19, exposure as at 31.03.2020

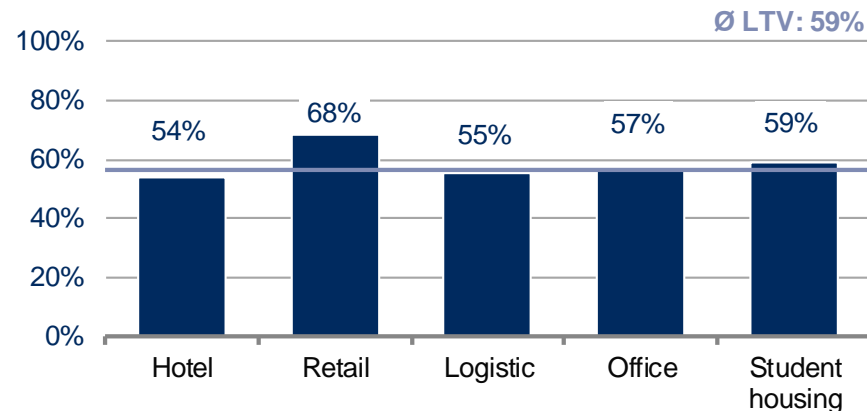
# Spotlight: UK CREF portfolio

€ 3.9 bn (~16% of total CREF-portfolio)

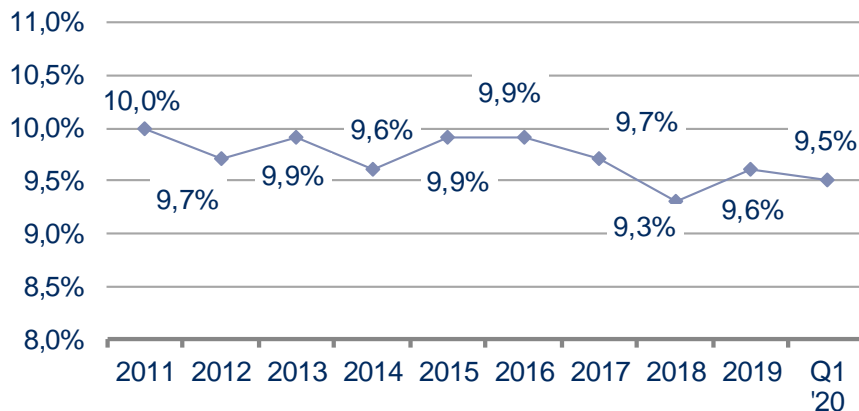
## Total portfolio by property type



## Average LTV by property type<sup>1)</sup>



## Yield on debt<sup>1)</sup>



## Comments (vs. 2019)

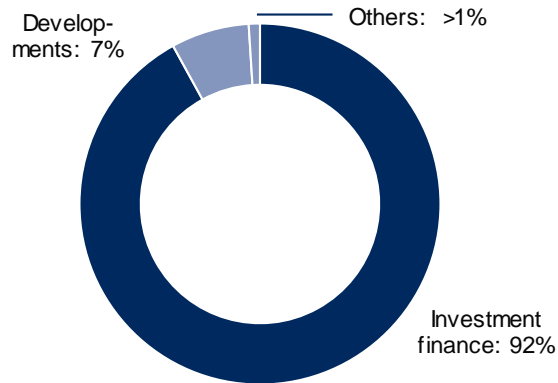
- Performing:
  - Investment finance only, no developments
  - ~ 60% of total portfolio in Greater London area, emphasising on hotels
  - € 177 mn with LTV > 60%
- Defaulted exposure: € 176 mn (€ 182 mn)

1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure asat 31.03.2020

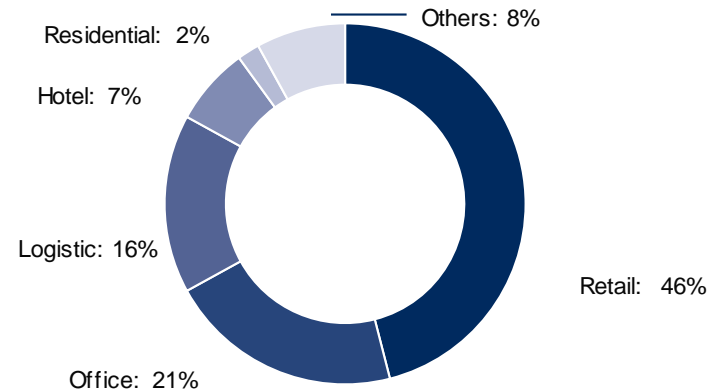
# Southern Europe CREF portfolio

Total volume outstanding as at 31.03.2020: € 3.2 bn

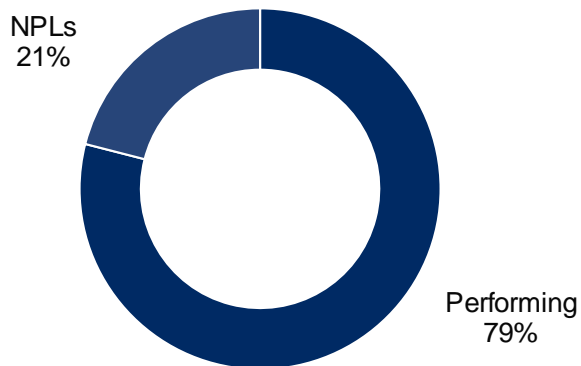
### by product type



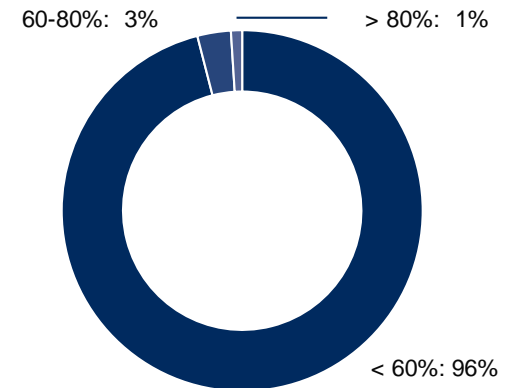
### by property type



### by performance



### by LTV ranges<sup>1</sup>

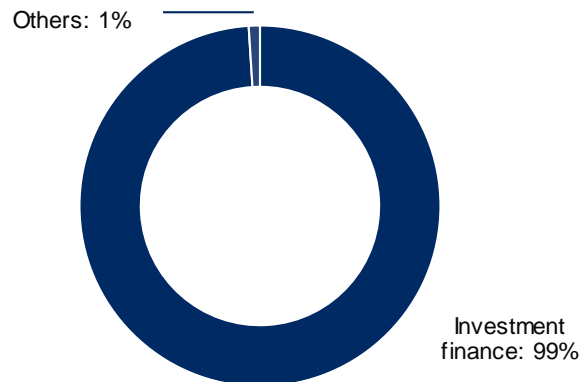


1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure asat 31.03.2020

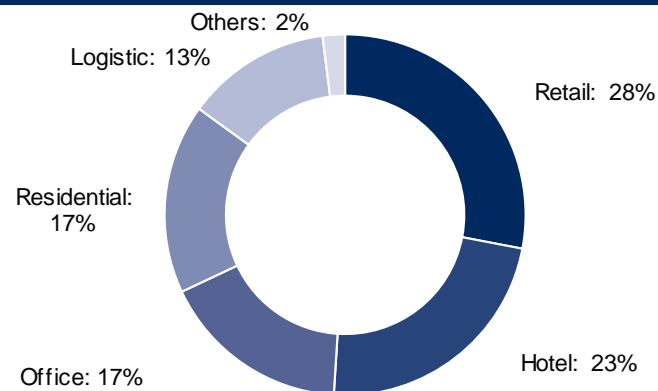
# German CREF portfolio

Total volume outstanding as at 31.03.2020: € 2.9 bn

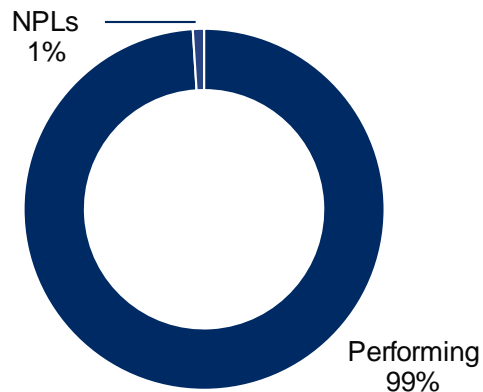
## by product type



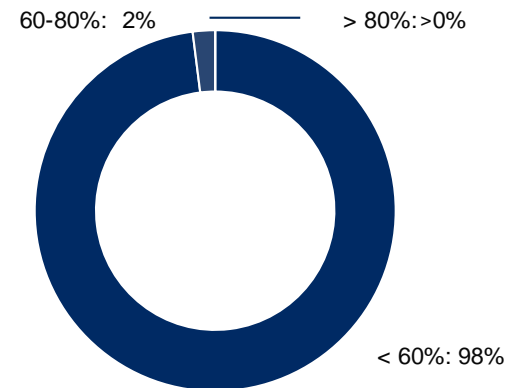
## by property type



## by performance



## by LTV ranges<sup>1</sup>

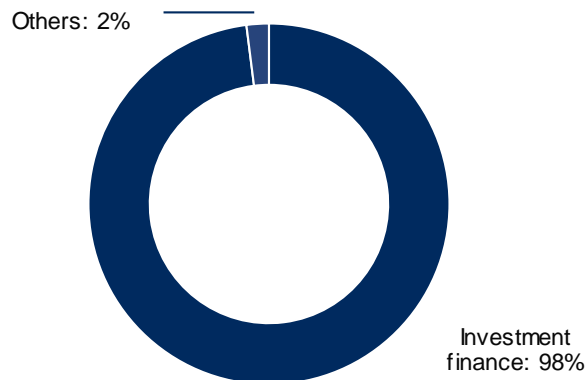


1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure asat 31.03.2020

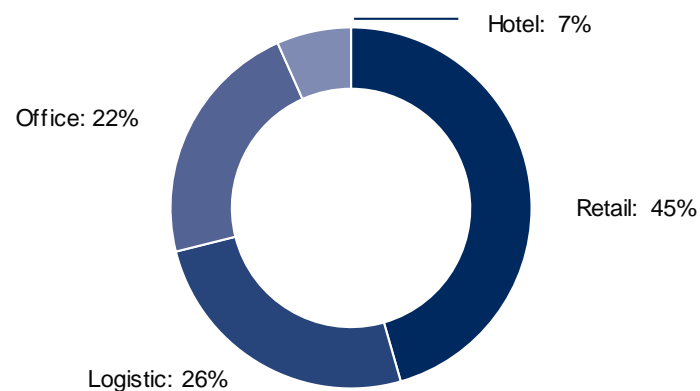
# Northern Europe CREF portfolio

Total volume outstanding as at 31.03.2020: € 1.2 bn

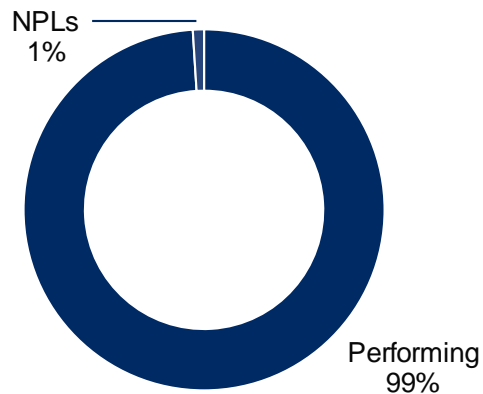
### by product type



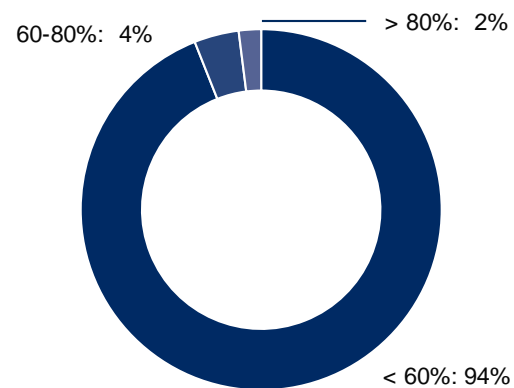
### by property type



### by performance



### by LTV ranges<sup>1</sup>

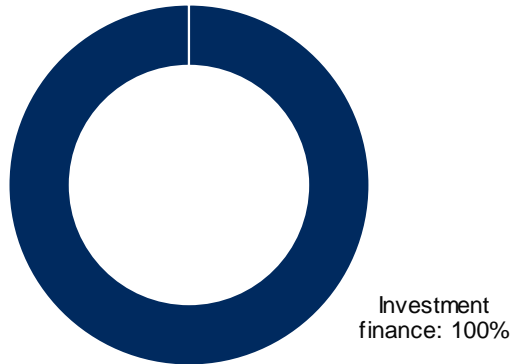


1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure asat 31.03.2020

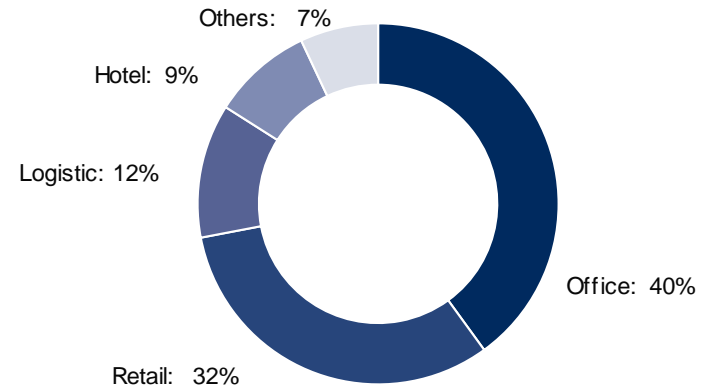
# Eastern Europe CREF portfolio

Total volume outstanding as at 31.03.2020: € 0.9 bn

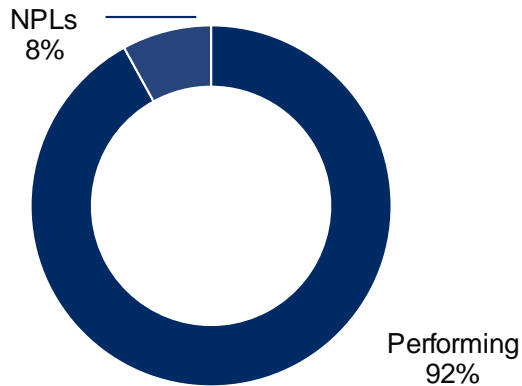
## by product type



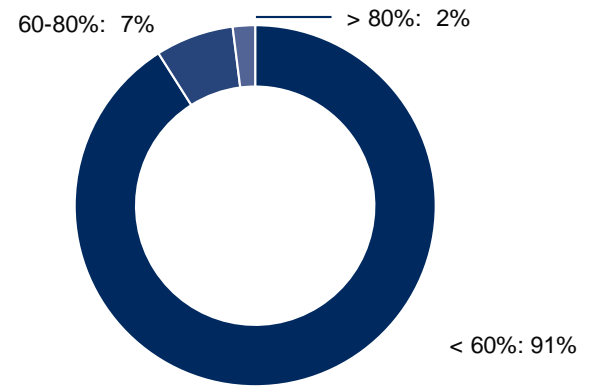
## by property type



## by performance



## by LTV ranges<sup>1</sup>



1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure asat 31.03.2020

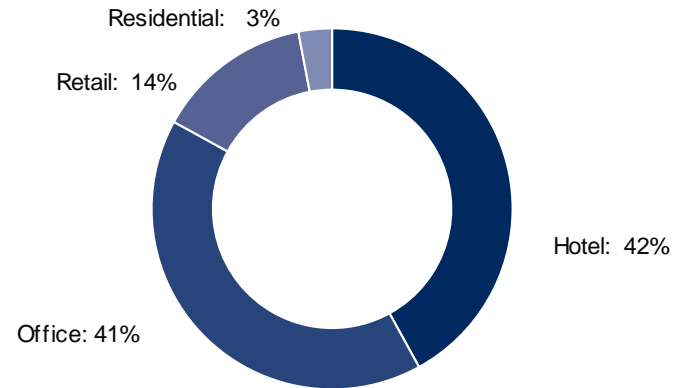
# North America CREF portfolio

Total volume outstanding as at 31.03.2020: € 7.9 bn

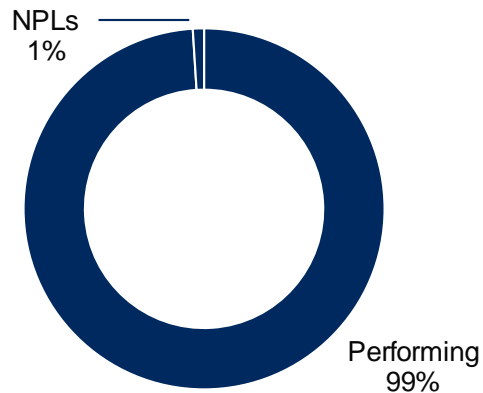
## by product type



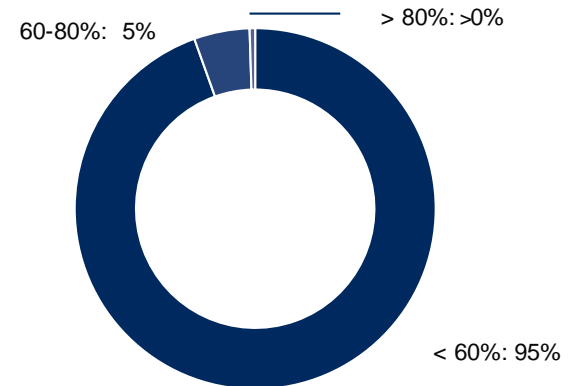
## by property type



## by performance



## by LTV ranges<sup>1</sup>



1) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure asat 31.03.2020

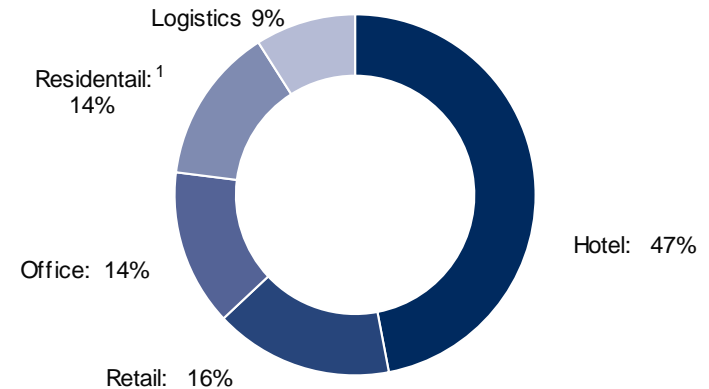
# Asia / Pacific CREF portfolio

Total volume outstanding as at 31.03.2020: € 0.6 bn

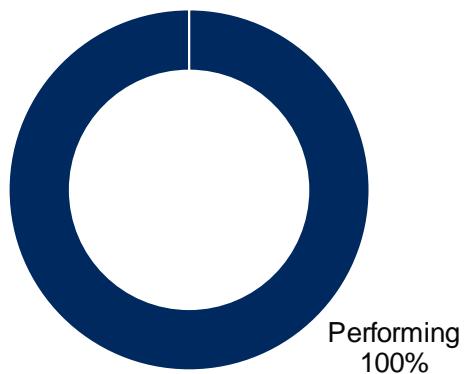
## by product type



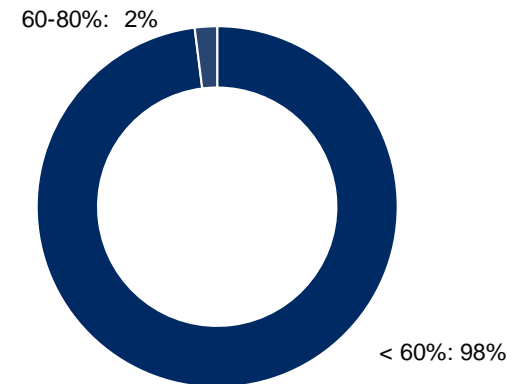
## by property type



## by performance



## by LTV ranges<sup>2</sup>



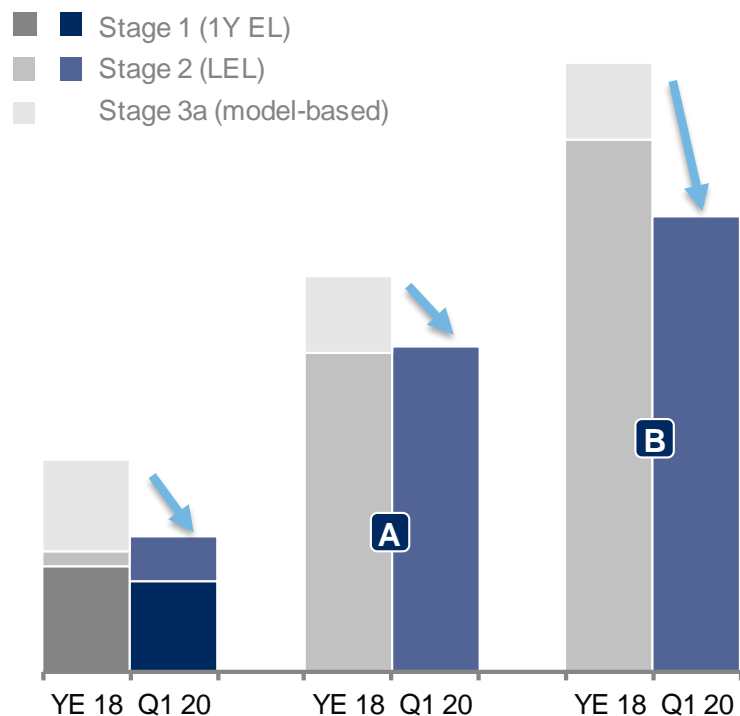
1) Incl. Student housing (UK & Australia only)

2) Performing CREF-portfolio only, LTV/ YoD pre Covid-19, exposure as at 31.03.2020



# Commercial real estate finance portfolio (CREF)

Dimension of (theoretical) Stage migration effects have benefit from successful de-risking executed in 2019 and Covid-19 related provisions already considered in Q1/20 LLP



What: IFRS 9 Stage 2 maximum shift, LLP dimension depending on rating development

How: **A** Modelling an (unrealistic) theoretical case of 100% loan volume migrating from Stage 1 to Stage 2  
**B** Additional shift of 1-2 rating classes

Impact: Recognition in P/L

Dimension: Q1 2020: ~ € 100 mn additional Stage 2 LLPs  
YE 2018: ~ € 150 mn additional Stage 2/3a LLPs

→ Dimension of (theoretical) Stage migration effects have benefit from successful de-risking executed in 2019 and Covid-19 related provisions already considered in Q1/2020 LLP

**CREF Portfolio/  
Consulting/ Dienstleistungen Bank  
Aareon**

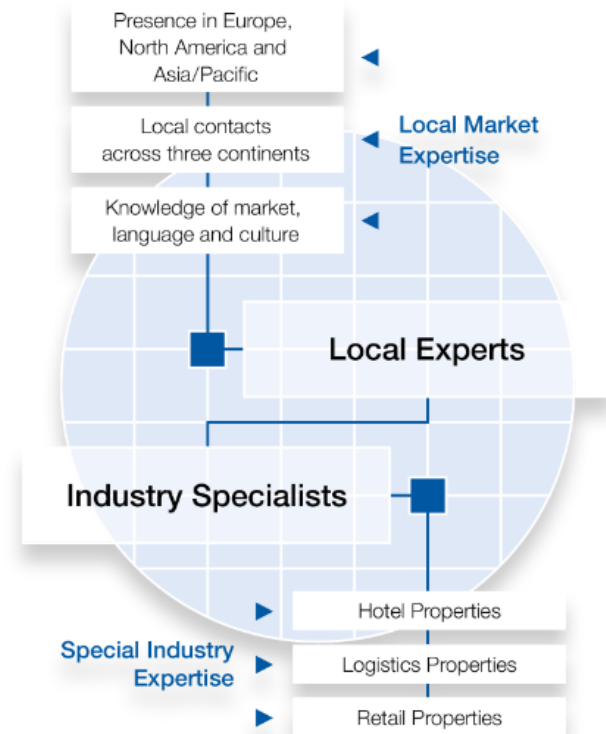
Appendix

# Structured Property Finance

## Specialist for specialists

### Aareal Bank Group Structured Property Finance

- Cash-flow driven collateralised business
  - Focus on senior lending
  - Based on first-ranking mortgage loans
- Typical products, e.g.:
  - Single asset investment finance
  - Portfolio finance (local or cross-border /-currency)
  - Value add-finance
- In-depth know-how in local markets and special properties
  - Local expertise at our locations
  - Additional industry expertise (head offices)
- International experience with employees from more than 30 nations



# Consulting / Services

High customer overlap with substantial cross-selling effects

## Aareal Bank Group Consulting / Services

### Aareon Group: IT Services

- Market-leading European IT-system house for the (ERP based) management of residential and commercial property portfolios
- ~ 60% market share in German key market with ~6 mn units under management
- Comprehensive range of integrated services and consulting

### Aareal Bank: Transaction Banking

- Market-leading integrated payment transaction systems for the housing industry
- Key clients: large size property owners / managers and utility companies
- ~100 mn transactions p.a. (volume: ~€ 50 bn)
- Ø deposit volume of € 10.7 bn in 2019

### Strategic Management of residential portfolios

- Planning, Controlling, Steering
- Portfolio Management

### Administrative Management of residential portfolios

- Tenant Management
- Flat Management
- Maintenance
- Accounting



- Refurbishments
  - New Developments
- ### Construction Management of residential portfolios

- Mass payments
  - Cash Management
  - Creditor and Debtor Management
- ### Financial Management of residential portfolios

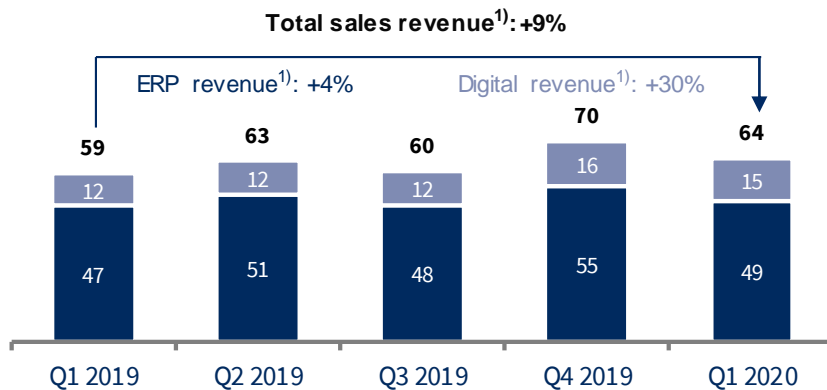
# Aareon

Positive sales revenue (+9% yoy); exceptional growth in digital (+30% yoy)

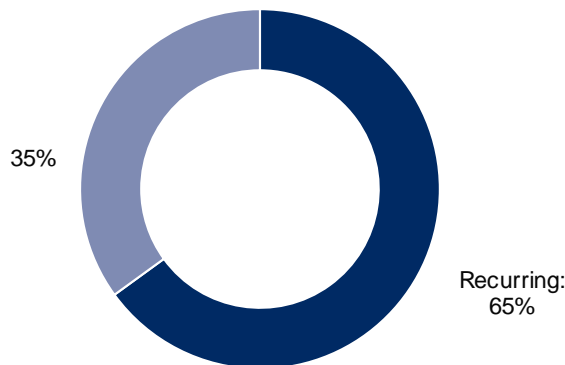
## Sales revenue development

ERP revenue in € mn

Digital revenue in € mn



## Q1 '20 Share of recurring revenue (LTM)<sup>2)</sup>



- Aareon continued to deliver in Q1 as expected after strong FY 2019 results
- Aareon's positive sales revenue development is driven by organic growth and by contribution of CalCon
- ERP has grown by 4% qoq. New customer wins generated a growth of SaaS revenues and additional licenses
- Digital has grown by 30% qoq. Based on higher penetration with existing digital products and CalCon, Aareon managed to increase the share of digital revenue (% of total sales revenue) to 23% in Q1 '20 (Q1 '19: 20%)
- Recurring revenues share (LTM) of 65% (Q1 2019: 63%) at high level and has steadily been growing throughout the quarters
- High share of recurring revenue helps smoothing quarterly volatility and bridges adverse effects of business cycles and tail events, e.g. Corona pandemic
- Trend in the customer base to buy into SaaS based ERP and digital solution is ongoing, additionally the demand for outsourcing services remains high as well

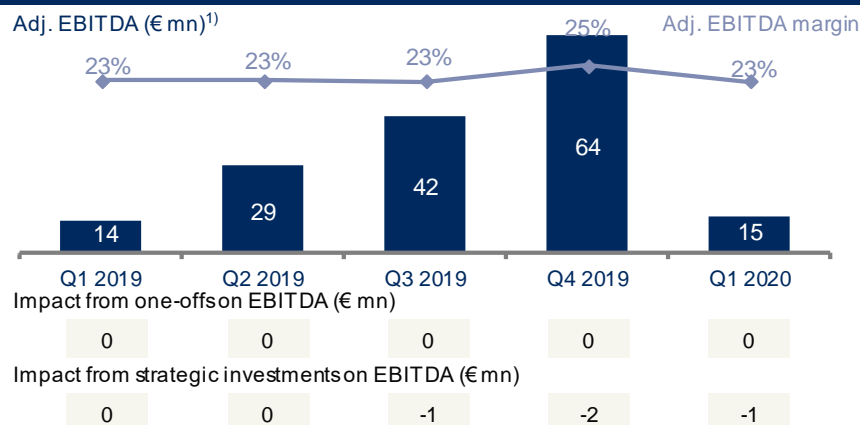
1) Represents growth rate from Q1 2019 to Q1 2020

2) LTM: Last twelve month

# Aareon

## Aareon on track with improving margins and high R&D spend

### Adj. EBITDA / Adj. EBITDA margin development - ytd



- Solid operational performance underpins the robust and sustainable growth of Aareon and its resilient business model
- Adj. EBITDA increased in Q1 '20 to € 15 mn (Q1 '19: € 14 mn)
- Adj. EBITDA margin in Q1 '20 remains on the level of Q1 '19 with 23% and aligned with Aareon seasonality

### RPU and R&D spend

Revenue per unit (RPU) – LTM

€ 25

R&D spend as % of software revenue – YtD  
- thereof capitalised

20%  
19%

- Over the last 12 months, Aareon's RPU amounted to ~ € 25
- Aareon has spent ~20% of total software revenues for research and development (R&D) purposes YtD
- Aareon aims to increase its R&D spend to ~25% short term on the backdrop of its digital growth strategy

# Aareon segment

## Strategic initiatives

Progress  
on strategic  
initiatives and  
the development  
of products,  
markets and  
M&A

### Organic initiatives

- (new) products
- (new) markets)

- Aareon Smart Platform:  
Further roll-out
- Virtual Assistant:  
Preparation of market launch
- New growth cases:  
Checking potential development partners for two cases
- First venture OFI Group with platform Ophigo:  
First end-to-end-transaction successfully realized;  
pipeline targets achieved

### Inorganic initiatives, M&A

- CalCon Group:  
Acquisition was effective as of 1 January 2020 (contract was signed in November 2019). Project to integrate the CalCon Group's solutions – epiqr for property condition assessment and the new AiBATROS® product generation – in Aareon Smart World has been pressed ahead.
- M&A:  
Aareon Management has conducted extensive market screening for potential targets and numerous opportunities have been identified which are systematically pursued. Overall, we are confident of announcing further acquisitions this year.

**Aareal Next Level**

Appendix



# Aareal Next Level

Three strategic pillars, as presented in January 2020

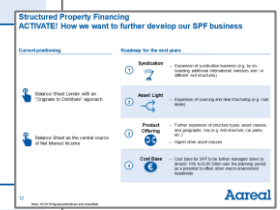
## Summary: What our plans beyond Aareal 2020 are

### 1 Keep Structured Property Financing on track

**Structured Property Financing**

**ACTIVATE!**

- Leverage on expanded origination, structuring and exit opportunities – flexibly „play the matrix“ (countries, asset classes, structures)
- Expand servicing and digitisation opportunities
- Protect the group's backbone and retain "best-in-class-position"

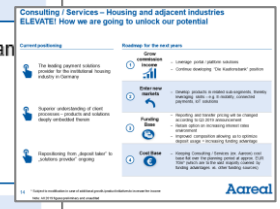


### 2 Leverage and grow our Housing and adjacent industries business

**Housing and adjacent industries**

**ELEVATE!**

- Elevate product range by utilising deep understanding of customer processes and infrastructure...
- ...by further expanding product suite with a focus on fee income
- Take opportunities of joint business model developments with customers and other market players



### 3 As an integral part of our strategy strengthen Aareon's position as the leading software company for the European real estate industry over time and become a company with a strong independent value proposition

**Aareon**

**ACCELERATE!**

- Continue execution of already announced organic growth strategy to double EBITDA in the mid-term...
- ...particularly by expanding our digital solutions portfolio organically
- On top: Accelerate through additional M&A activities - if and when opportunities arise



**By doing so create sustainable value for Aareal and hence our shareholders...**

Note: All 2019 figures preliminary and unaudited



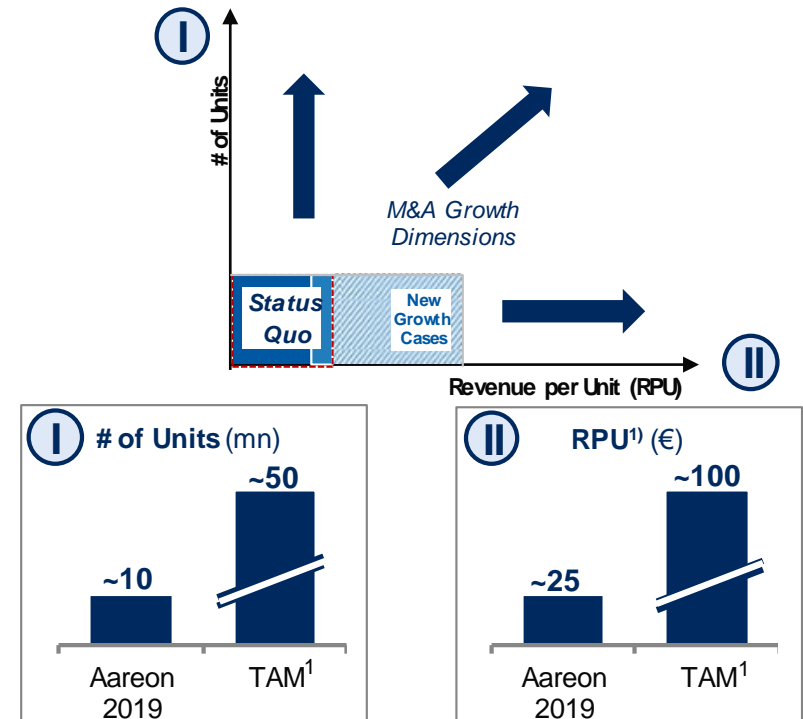
# Aareal Next Level

## Aareon: Our value creation levers

### Value creation levers...

	RPU	Units	Recurring revenue
Strengthen our leading European position	✓	✓	✓
Grow digital product business on installed customer base significantly	✓		✓
Drive RPU based on installed customer base and new markets	✓	✓	
Leverage Aareon products along vertical industry expansion	✓	✓	
Develop software as a service business and manage cloud strategy beyond Germany	✓		✓

### ...and their potential impact





- Aareon organic growth plan as presented in May 2019 well on track
- New classification of Aareon as industrial holding allows additional M&A activities – on our own and / or including partner(s)

1) TAM and RPU figures rough company estimations, describing the expected entire future market potential

# Aareal Next Level

## Our KPIs and targets

	2019	Stabilisation and investment phase (2020 - 2022)	Reaping the rewards phase (Mid-term)
<b>Revenues Group<sup>1)</sup></b>	€ 762 mn	Low single digit growth (CAGR)	
▪ o/w Aareon		7 - 9% CAGR revenues // 22 - 25% CAGR digital revenues	
<b>Adj. EBITDA Aareon<sup>2)</sup></b>	€ 64 mn		€ >110 mn
		EBITDA from M&A on top	
<b>Capitalisation</b>		~12.5% B4 CET1 ratio	
<b>Pre tax RoE</b>	8.7%	Stable (through investment phase)	12% (more supportive environment)
<b>Dividend policy</b>	50% base dividend plus 20-30% supplementary dividend		



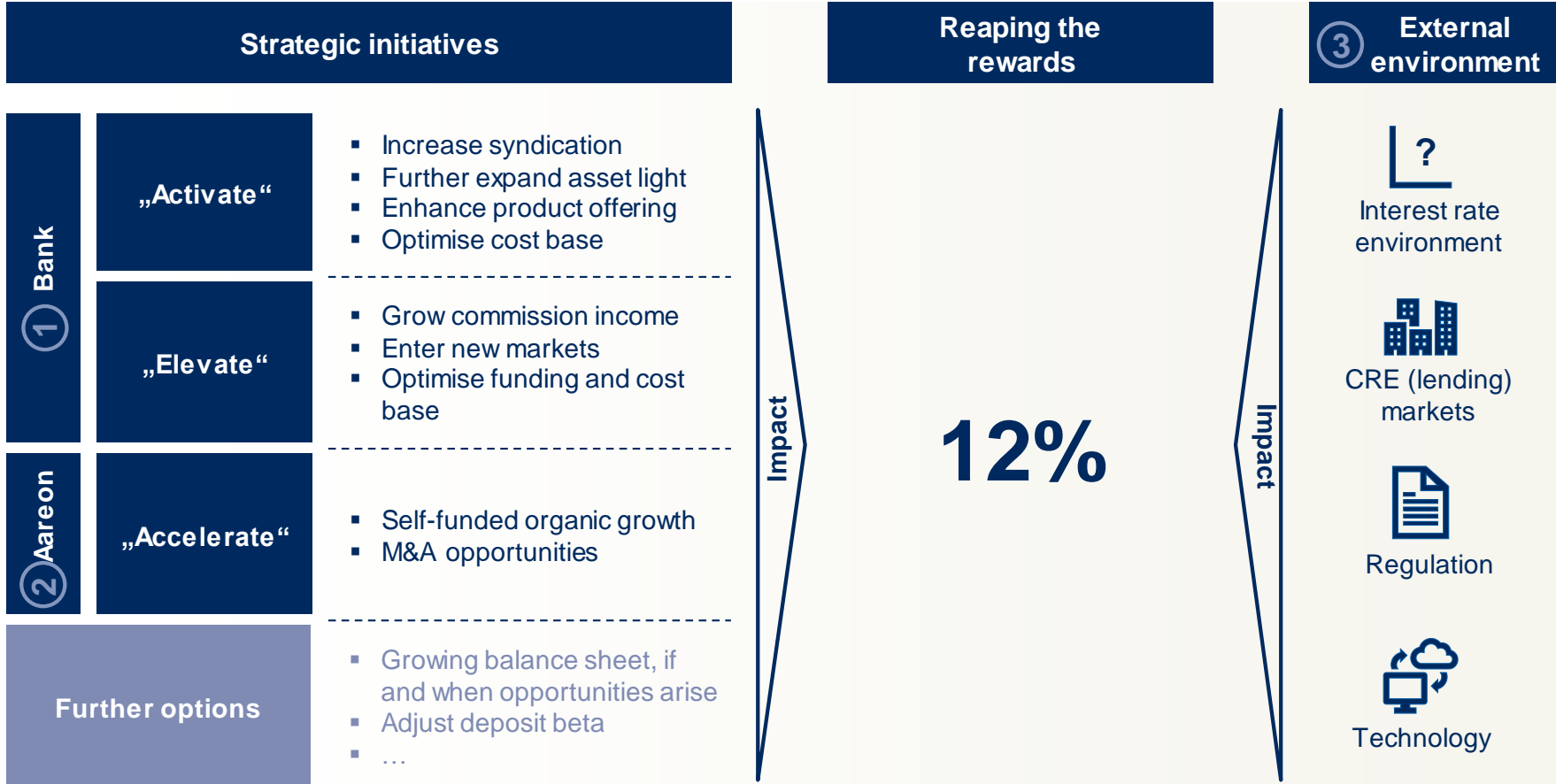
- Further development and investments into three strong business propositions
- Shift in earnings and value contribution towards capital light and digital business

1) Revenues Group = NII + NCI

2) 2019 + stabilisation and investment phase excl. strategic investments; Reaping the rewards phase incl. strategic investments

# Aareal Next Level

Three main contributors to achieve a 12% pre tax RoE (mid-term)



## Summary Aareal Next Level

### Highlights



We have clear visions of how to develop further our individual business activities in order to strengthen their respective independent profiles



Regardless of the continuous adverse environment and due to our confidence in the consistency of our strategic measures, we feel comfortable with confirming our highly attractive dividend policy with a payout ratio of 50% base plus 20-30% supplementary dividend



By investing in our businesses, we will significantly increase profitability and further enhance strategic optionalities. In a more supportive environment we aim a 12% pre tax RoE

# Dividend Policy

Appendix

# Aareal Next Level

## Our Dividend Policy – Confirmed despite significant regulatory burdens

### Payout ratio of up to 80% confirmed

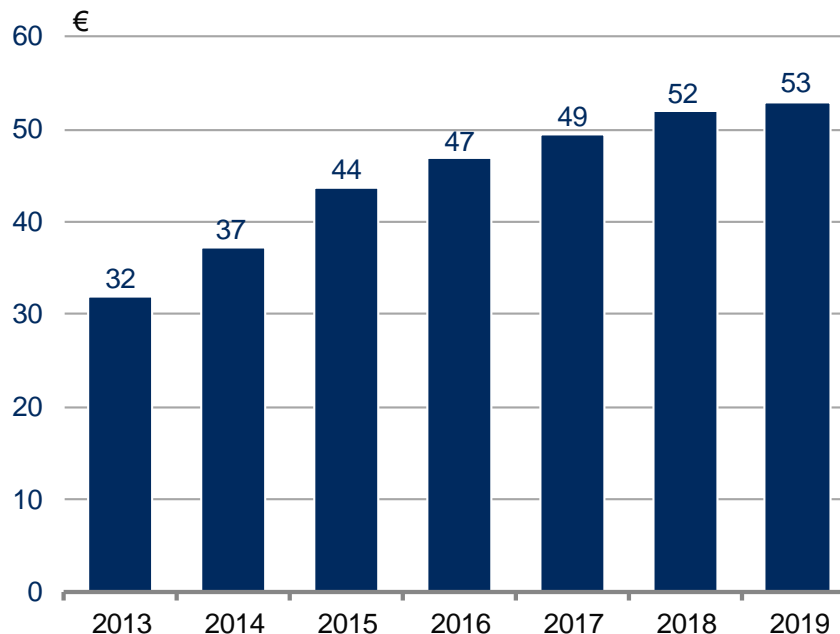
Base  
Dividend



Supplementary  
Dividend

- We intend to distribute approx. 50% of the earnings per ordinary share (EpS) as base dividend
- In addition, we plan to distribute supplementary dividends of up to 20-30% of the EpS under the following prerequisites:
  - No material deterioration of the environment (with longer-term and sustainably negative effects)
  - Nor attractive investment opportunities neither positive growth environment

### Significant book value per share growth incl. dividend



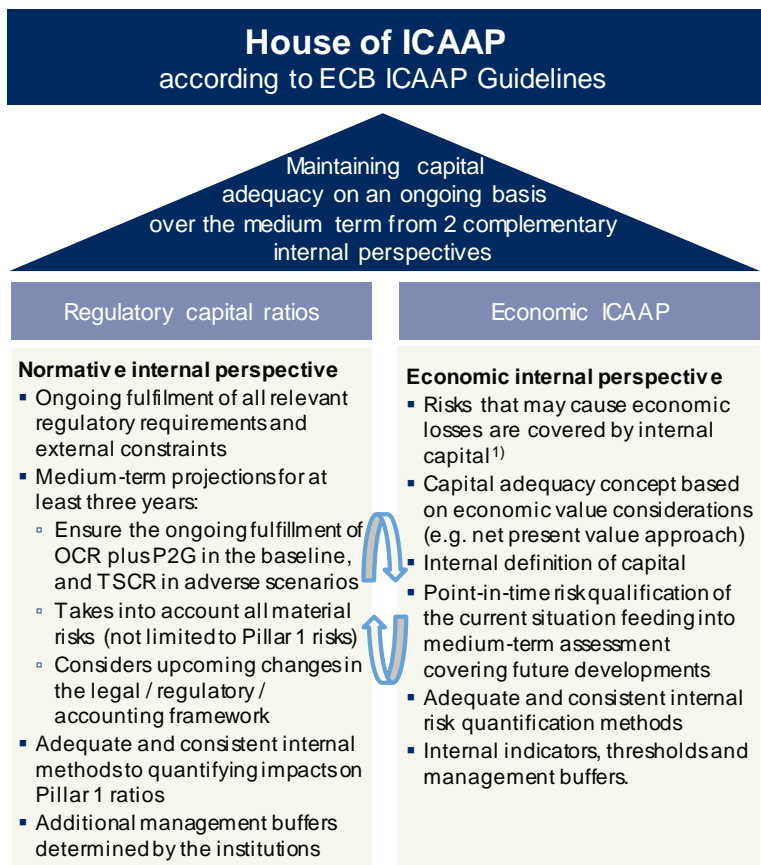
- **Attractive dividend policy and significant book value growth creating sustainable value for Aareal and hence our shareholders**

**Regulation**

**Appendix**



# Economic ICAAP the next focus on the regulatory agenda – our reading and take away



- ① **Economic ICAAP on SSM priority list 2020**
- Ongoing discussions regarding interpretation of requirements
  - Different methods currently used throughout Europe to estimate future volatility (scenario based vs. VAR models)
  - ICAAP Guidelines published end of 2018 are very conservative regarding holding period and confidential interval
  - ECB aims for future harmonization (equal to TRIM?) and potential tightening

② **AT1 with normative triggers will no longer be eligible under Economic ICAAP:**

**Regulatory capital ratios:** Future treatment appears to be more generous, although decisions will be taken on a case by case basis

- P2R could be partly covered by AT1 (and/or T2)

**Economic ICAAP:** Future requirements will be tightened

- AT1 with normative triggers not accountable any more (see ECB feedback statement; question 208)
- Interim grandfathering of existing AT1 (issued, cut off date?) not decided yet, but unlikely from our point of view

- **AT1 in the economic ICAAP, currently and presumably in future no alternative instruments (beside CET1) available to fulfil ECB requirements (economic triggers instead of normative)**
- **Economic ICAAP to become the new capital constraint for European banks?**

1) Different risk categories regarding regulatory capital ratios and economic ICAAP

# Sustainability Performance

Appendix

# Aareal Bank Group

Stands for solidity, reliability and predictability

## Doing business sustainably

Development of Return on Equity<sup>1)</sup> demonstrates financial strength



20.2% Common Equity Tier 1 ratio<sup>2)</sup>, significantly exceeding the statutory requirements



€ 26.1 bn Valuable Real Estate Finance Portfolio<sup>3)</sup>



Digital solutions boost our client's sustainability records



Above average results in sustainability ratings



Covered Bonds<sup>4)</sup> with best possible ratings – also attractive from an ESG point of view<sup>5)</sup>



Aareal Bank awarded as top employer for the 12<sup>th</sup> time in succession



Preparations for future disclosure requirements (EU Action Plan)



1) Pre-tax RoE of 8.7% as at 31.12.2019

2) Basel 3, as at 31.03.2020

3) REF-portfolio includes private client business (€ 0.4 bn) and WIB's public sector loans (€ 0.3 bn)

4) Mortgage Pfandbriefe rated Aaa by Moody's

5) imug classified mortgage Pfandbriefe as recommendable investments with regard to ESG aspects (BBB), without DHB

# Doing business sustainably

Above average ESG-Ratings confirm the company's performance

	Environment	Social	Governance
Within core business	<ul style="list-style-type: none"><li>▪ <b>Environmental financing criteria within property valuation</b> (e.g. asbestos, energy efficiency, etc.)</li><li>▪ <b>Transparency initiatives on portfolio level</b> (e.g. Climate VaR for new business 2018 looking at extreme weather events, future policy risk costs and 2°C-compatibility; additional CMS-fields for energy efficiency, green building labels)</li><li>▪ <b>Set-up of ESG-opportunity &amp; risk management</b> (e.g. we currently work on an Aareal-Green Building Definition (by Q2 2020) and climate reporting (TCFD<sup>1</sup>))</li></ul>	<ul style="list-style-type: none"><li>▪ <b>Strong economic performance</b> (e.g. contribution to the stability of the property banking sector/financial markets and to restoring trust in the banking industry)</li><li>▪ <b>Contribution to affordable housing</b> (e.g. with our software solution clients benefit from time, cost and efficiency savings)</li><li>▪ <b>Failsafe information security</b> (e.g. we undergo voluntary external audits and certification processes)</li></ul>	<ul style="list-style-type: none"><li>▪ <b>Transparent reporting on remuneration model/details</b></li><li>▪ <b>High quality ESG-disclosure</b> (e.g. based on Global Reporting Initiative<sup>2</sup> (GRI), assured by PwC, anticipating regulatory developments (ICAAP), ESG-facts incorporated in analyst presentation)</li><li>▪ <b>Structure, composition and diversity of governing bodies</b> (Supervisory Board established five committees in order to perform its supervisory duties in an efficient manner)</li><li>▪ <b>Governance Roadshow</b></li></ul>
On corporate level	<ul style="list-style-type: none"><li>▪ <b>Environmental disclosure</b> (e.g. Aareal's ecological footprint, environmental KPIs (datasheet on website), CDP reporting, etc.)</li><li>▪ <b>Expansion of green electricity</b> (88% of total electricity consumption as of 12/2018)</li><li>▪ <b>CO<sub>2</sub> compensation</b> (parts of business travel, print materials)</li></ul>	<ul style="list-style-type: none"><li>▪ <b>Fair, performance-oriented remuneration schemes</b></li><li>▪ <b>Employee surveys</b></li><li>▪ <b>Management of social matters</b> (e.g. Code of Conduct for employees, Code of Conduct for business partners, Human Rights policy, Diversity Charta, etc.)</li></ul>	<ul style="list-style-type: none"><li>▪ <b>CEO-responsibility for ESG matters</b> ("tone from the top")</li><li>▪ <b>ESG-targets for Management Board</b></li><li>▪ <b>Sustainability matters regularly discussed in Board Meetings</b></li><li>▪ <b>Groupwide Sustainability Committee established in 2012</b></li></ul>

1) Downgrade due to average consideration of ESG aspects in governance and corporate processes.

# Sustainability data

Extends the financial depiction of the Group

## Key takeaways at a glance

Transparent Reporting – facilitating informed investment decisions

- “Separate Combined Non-financial Report 2019 for Aareal Bank AG” has been published on March 26, 2020
- PwC issued an unqualified limited assurance opinion

Sustainability Ratings – confirming the company’s sustainability performance

### MSCI

Aareal Bank Group with “AA Rating” in highest scoring range for all companies assessed relative to global peers reg. Corporate Governance practices (as per 06/2019)

### ISS-ESG

Aareal Bank Group holds “prime status” and ranks with a C+ rating among the top 15% within the ‘Financials/Mortgage & Public Sector Finance’ category (since 2012, re-confirmed 08/2019)

### Sustainalytics

Aareal Bank AG is with a score of 22.9 at medium risk of experiencing material financial impacts from ESG factors, rank 116 out of 934 rated banks (13<sup>th</sup> Percentile). (as per 12/2019)

### CDP

Aareal Bank AG received a C which is in the Awareness band<sup>1</sup>. This is same as the Europe-regional average of C, and same as the Financial services sector average of C. (Report 2019)

### imug

Aareal Bank was rated “positive B” in the category “Issuer Performance”; rank 6 out of 43 rated banks (as per 07/2019)

1) Downgrade due to average consideration of ESG aspects in governance and corporate processes.

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**Aareal**

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