

Aareal Bank AG, Wiesbaden August 14, 2018



## **Agenda**

- Aareal Bank Group Overview
- Highlights
- Group results at a glance
- Segment performance
- Group results Q2/2018
- Capital, B/S structure and funding position
- Asset quality
- Outlook
- Appendix
  - Group Results
  - Aareal 2020
  - Basel 4 / IFRS 9 / Defaulted exposure
  - SREP
  - Development CRE Portfolio

- ADI's
- Sustainability
- RWA Split
- Contacts





# **Business segments**

# Aareal Bank Group QUALITY Made by A AREAL

#### **Structured Property Financing**

International presence and business activities on three continents – in Europe, North America and Asia

Industry experts for hotel, logistics and office properties as well as shopping centers

International real estate financing in more than 20 countries

Total CRE Portfolio: € 26,5 billion

# Consulting / Services for the property industry

Market-leading integrated payment transaction system for the housing, commercial property and energy sector

Market-leading IT systems for the management of residential and commercial property in Europe

Around 7 million units under management in the key market Germany

International presence: France, the Netherlands, UK and Scandinavia



# **Structured Property Financing**

# Aareal Bank AG QUALITY® made by A A REAL

Focus on senior lending

Cash-flow driven collateralised business with focus on first-ranking mortgage loans

Typical products, for example:

- Single asset investment finance
- Portfolio finance (local or cross-border)

In-depth know-how in local markets and special properties

- Local expertise at our locations
- Additional industry expertise at the head offices

International experience with employees from over 25 nations





# **Consulting / Services**

# Aareal Bank Group QUALITY® made by AAREAL

# **Aareon Group IT Services**

Market-leading European IT-system house for the management of residential and commercial property portfolios

Highly automated ERP systems: license and SaaS solutions

Comprehensive range of integrated services and consulting

Key client base:

large size property owners / managers

~ 60 % market share in German key market: >2,500 customers with ~7 mn units under management in Germany

International presence: F, NL, UK, SWE and NOR

# Aareal Bank Transaction banking

Market-leading integrated payment transaction systems for the institutional housing industry in Germany

Key client base:

large size property owners / managers and utility companies

Key market: Germany

~ 100 mn transactions p.a.

Deposit volume in Q2/2018:  $\emptyset \in 10.5$  bn, strategically important as an additional source of funding

Transaction volume: ~ € 50 bn p.a.





Leipzig, Munich, Stuttgart, Wiesbaden | Aareon AG: Berlin, Coventry, Dortmund, Emmen, Enschede, Erfurt, Gorinchem, Gothenburg, Hamburg, Hilversum, Hückelhoven, Karlskrona, Leipzig, Lund, Mainz, Meudon-la-Forêt, Munich, Nantes, Norrtalje, Orléans, Oslo, Piteå, Southampton, Stockholm, Stuttgart, Swansea, Toulouse | Deutsche Bau- und Grundstücks-AG: Berlin, Bonn, Moscow, Munich

Aareal First Financial Solutions AG: Mainz



Paris, Rome, Shanghai, Singapore, Stockholm, Warsaw, Wiesbaden |

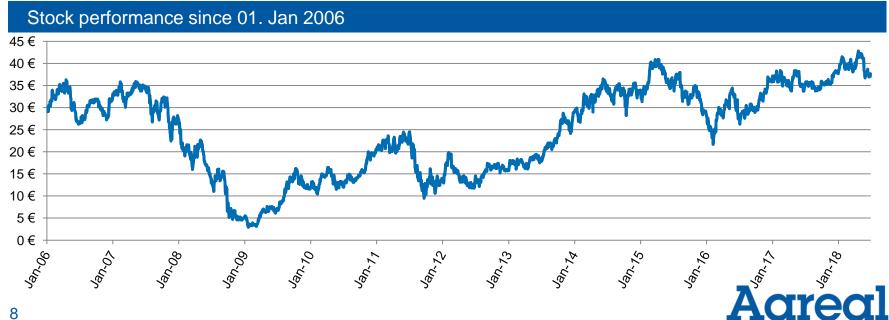
Aareal Valuation GmbH: Wiesbaden | Aareal Estate AG: Wiesbaden

## Aareal's ownership structure

#### 100% Free Float

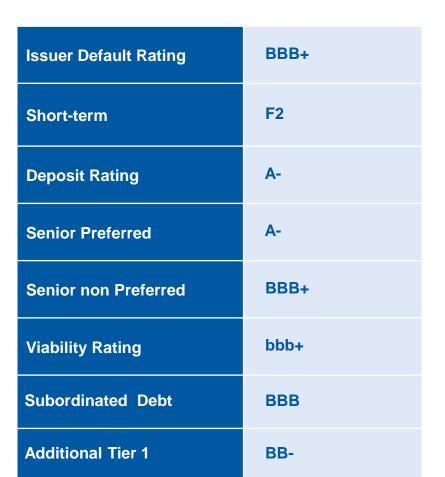
#### Aareal Bank AG

- Listed in the German MDAX
- 59,857,221 outstanding shares
- 100% free float
- Approximately 2,800 employees
- Balance Sheet: 40.2 bn €
- Flat hierarchies



## **Aareal Bank Ratings**

# Fitch Ratings.





Issuer Rating	A3
Short-term Issuer Rating	P-2
Bank Deposit Rating	A3
Senior Preferred *	A3
Senior non Preferred **	Baa1
Baseline Credit Assessment	baa3
Mortgage Pfandbriefe	Aaa

<sup>\* &</sup>quot;Senior Unsecured" according Moody's terminology

<sup>\*\* &</sup>quot;Junior Senior Unsecured" according Moody's terminology





## **Highlights**

#### Robust operating performance despite challenging environment

Robust economic development. Unchanged high economic uncertainties (e.g. political uncertainties, raising interest rates in the USA, Brexit) Solid operating profit of € 62 mn (Q2/2017: € 109 mn including one-off effects). EpS of 0.62 € (Q2/2017: 1.05 € including one-off effects) Strong new business origination in the Structured Property Financing segment despite ongoing high competition in the CRE lending markets NII increase following strong new business Admin expenses on low level - as expected Outlook operating profit confirmed





## **Group results at a glance**

## Robust operating performance

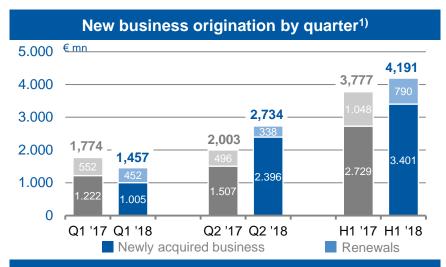
€mn	Q2 '17	Q3 '17	Q4 '17	Q1'18	Q2'18	Comments
Net interest income (incl. derecognition result)	158	164	148	139	141	NII increase following strong new business
Loss allowance	25	26	29	0	19	Within expectations
Net commission income	49	48	61	50	51	Further growth in Aareon sales revenues; EBT of € 37-38 mn expected
FV- / hedge-result	1	11	-1	1	-5	
Admin expenses	129	120	123	128	109	Admin expenses on low level - as expected
Others	55	5	10	5	3	
Operating profit	109	82	66	67	62	Robust operating performance
Income taxes	42	31	18	23	21	FY 2018 tax ratio of ~34% assumed
Minorities / AT1	5	4	4	5	4	
Consolidated net income allocated to ord. shareholders	62	47	44	39	37	
Earnings per share [€]	1.05	0.78	0.74	0.65	0.62	





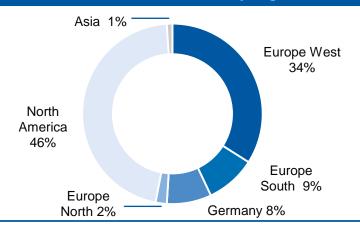
#### **Structured Property Financing**

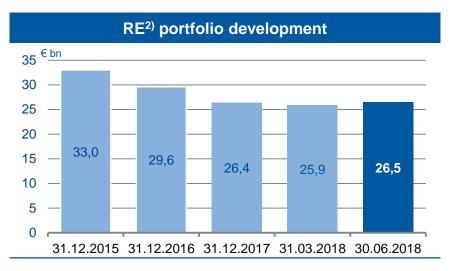
#### Despite challenging markets strong new business origination in Q2



- Despite lower transaction volumes new business volume as planned
- Newly acquired business:
  - Gross margins in Q2 / H1 2018 of ~190 / 210 bps (~170 / 190 bps after FX)
  - Lower US share compared to Q1
  - Sticking to FY margin target
- Despite further NCA reduction RE portfolio<sup>2)</sup> increase q-on-q to € 26.5 bn (31.03.2018: € 25.9 bn)

#### New business in Q2 2018 by region<sup>1)</sup>





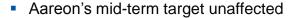
- Incl. renewals
- 2) RE-business incl. private client business (€ 0.7 bn) and WIB's public sector loans (€ 0.5 bn)



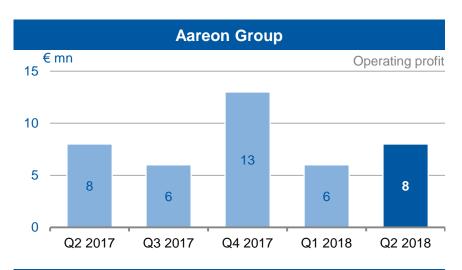
#### **Consulting / Services**

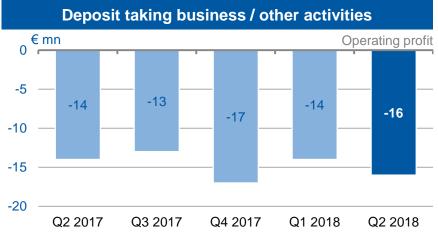
#### Now Aareon EBT of € 37-38 mn expected – due to one-offs

P&L C/S Segment	Q2 '17	Q3 '17	Q4 '17	Q1 '18	Q2 '18					
€mn										
Sales revenue	55	53	64	56	57					
Own work capitalised	1	1	2	1	2					
Other operating income	1	1	4	1	1					
Cost material purchased	9	8	9	9	11					
Staff expenses	36	38	42	37	39					
D, A, impairment losses	3	3	4	4	3					
Other operat. expenses	15	13	18	16	15					
Others	0	0	0	0	0					
Operating profit	-6	-7	-4	-8	-8					



- Further growth of Aareon revenues to € 57 mn
   (Q2 2017: € 55 mn), EBT of € 8 mn, EBT margin ~14%
- Deposit volume on a high level (Ø of € 10.5 bn in Q2)
- Focussing on further shift into sustainable deposits
- Deposit margins still burdening segment result by interest rate environment









#### Net interest income incl. derecognition result

#### NII increase following strong new business



- NII further stabilising
- RE finance portfolio back on targeted level (€ 26.5 bn vs. € 25.9 bn as at 31.03.2018) despite further NCA reduction
- New business
  - Gross margins in Q2 / H1 2018 of ~190 / 210 bps (~170 / 190 bps after FX)
  - Lower US share compared to Q1
  - Sticking to FY margin target
- Derecognition result on a low level
- Deposit margins still burdened by interest rate environment

Derecognition result - to be reported separately under IFRS 9 starting Q1/2018 (mainly effects from early repayments)



Net interest income

## Loss allowance (LLP)

## Within expectations





#### **Net commission income**

## Further growth in Aareon sales revenues

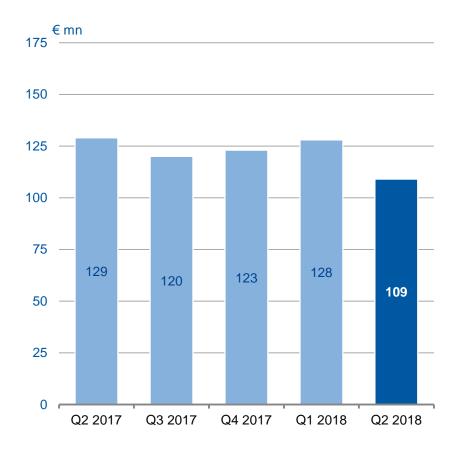


- Aareon revenues of € 57 mn (Q2 2017: € 55 mn),
   EBT of € 8 mn, EBT margin ~14%
- Aareon revenues resulting from growth in all product lines, digital products with highest growth rates
- Q4 regularly includes positive seasonal effects
- Aareon's FY-EBT target down by € 2 3 mn due to one-off burden
- Aareon's mid-term target unaffected



#### Admin expenses

#### Admin expenses on low level - as expected



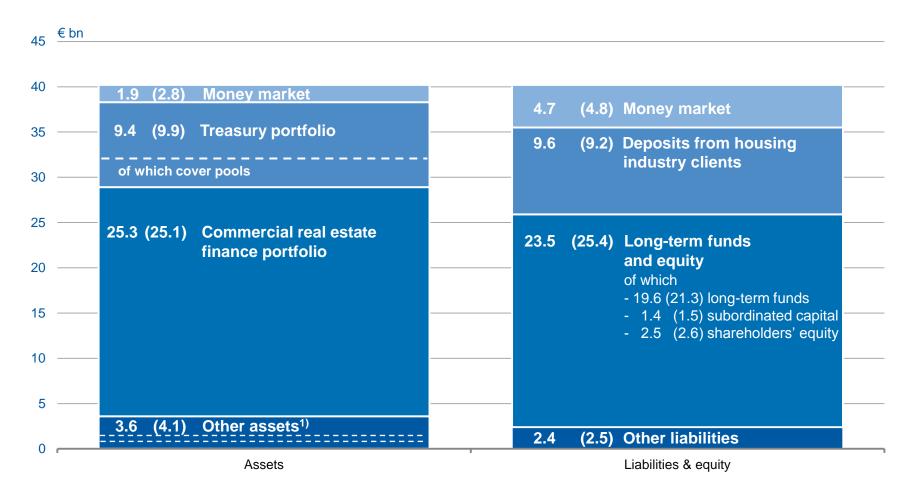
- Admin expenses in Q2 2018 include
  - € 4 mn transformation costs (FY 2018 plan: € 25 mn)
  - Reversal of restructuring provisions of € 4 mn (related to the acquisition of former WIB)
- Admin expenses in Q1 2018 include
  - € 20 mn for the European bank levy and for the Deposit Protection Guarantee Schemes (both fully booked in Q1)
  - € 4 mn transformation costs
  - Reversal of restructuring provisions of € 3 mn
     (related to the acquisition of former CCB and WIB)





#### B/S structure according to IFRS

As at 30.06.2018: € 40.2 bn (31.12.2017: € 41.9 bn)

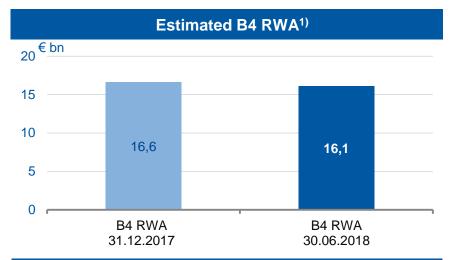


<sup>1)</sup> Other assets includes € 0.7 bn private client portfolio and WIB's € 0.5 bn public sector loans

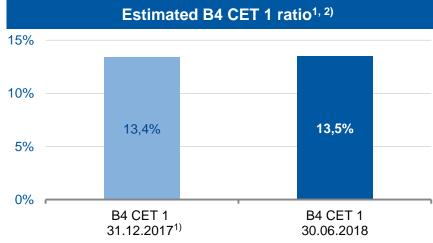


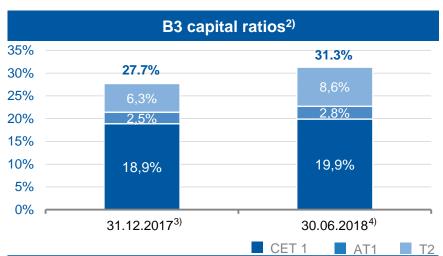
## **Capital position**

#### Strong capital ratios



- Fulfilling Basel IV from day 1
- Remaining regulatory uncertainties well buffered (e.g. Hard test)
- Capital ratios significantly above SREP requirements
- T1-Leverage ratio : 6.2%





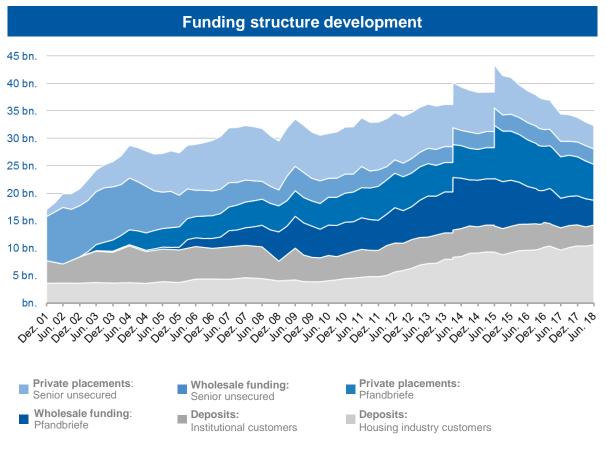
- Underlying RWA estimate, given a 72.5 % output floor based on the final Basel Committee framework dated 7 December 2017; Calculation of material impact for Aareal Bank, subject to outstanding EU implementation as well as the implementation of further regulatory requirements (CRR II, EBA requirements, TRIM, etc.)
- 2) No interim profit recognition in CET 1 capital in 2018
- 3) Fully loaded
- 4) Acc. COREP

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#### **Funding position**

#### Diversified funding sources and distribution channels



- Very strong deposit base
- H1 2018 funding activities
  - Successful placement of Pfandbrief benchmark transactions (EUR 500 mn 6.3Y)
  - Senior unsecured(> € 200 mn)
- 21<sup>st</sup> July 2018: Introduction of new asset class "Senior preferred", private placements successfully executed
- Fulfilling liquidity KPI's
  - NSFR > 1
  - LCR >> 1



#### **Public and Syndicated Transactions**



#### Aareal Bank Group

0.375% EUR 500.000.000 Hypothekenpfandbrief

7 Years Maturity 15.07.2025 ISIN: DE000AAR0215

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

2018



#### Aareal Bank Group

0.375% EUR 500.000.000 Hypothekenpfandbrief

6 Years Maturity 30.07.2024 ISIN: DE000AAR0207

Lead Manager BayernLB, BNP, DekaBank, Commerzbank, UniCredit

2018



#### Aareal Bank Group

2.750% USD 250.000.000 Senior Unsecured

3 Years FIXED Maturity 09.10.2020 ISIN: XS1698539753

Lead Manager Credit Suisse, Deutsche Bank, Goldman Sachs

2017



#### Aareal Bank Group

1.000% GBP 250.000.000 Hypothekenpfandbrief

3 Years Maturity 04.06.2020 ISIN: XS1692489237

Lead Manager Deutsche Bank, Goldman Sachs, HSBC

2017



#### Acreal Bank Group

1.875% USD 625.000.000 Hypothekenpfandbrief

3 Years Maturity 15.09.2020 ISIN: XS1681811243

Lead Manager Citi, Credit Suisse, Goldman Sachs, HSBC, LBBW

2017



#### Aareal Bank Group

0.010% EUR 500.000.000 Hypothekenpfandbrief

5½ Years Maturity 04.07.2022 ISIN: DE000AAR0199

Lead Manager Commerzbank, DekaBank, DZ Bank, LBBW, UniCredit

2017



#### Aareal Bank Group

1.875% USD 500.000.000 Hypothekenpfandbrief

4 Years Maturity 01.04.2019 ISIN: XS1204620915

Lead Manager Citi, Credit Suisse, Goldman Sachs, LBBW

2015



#### Aareal Bank Group

7.625% EUR 300.000.000 Additional Tier 1

7,625% Perpetual First Call 30.04.2020 ISIN: DE000A1TNDK2

Lead Manager BNP, Deutsche Bank, HSBC

2014



#### Aareal Bank Group

0.125% EUR 500.000.000 Hypothekenpfandbrief

3 Years Maturity 19.09.2017 ISIN: DE000AAR0181

Lead Manager Commerzbank, LBBW, NordLB, SocGen, Unicredit

2014



#### Aareal Bank Group

4.250% EUR 300.000.000 Tier 2

4,25% 12nc7 Maturity 18.03.2021/26 ISIN: DE000A1TNC94

Lead Manager BNP, Deutsche Bank, HSBC

2014



#### Aareal Bank Group

1.625% EUR 500.000.000 Senior Unsecured

5 Years FIXED Maturity 05.02.2019 ISIN: DE000A1TNC78

Lead Manager Deka Bank, DZ Bank

2014



#### Aareal Bank Group

1.125% EUR 500.000.000 Hypothekenpfandbrief

5 Years Maturity 21.01.2019 ISIN: DE000AAR0173

Lead Manager Deka Bank, DZ Bank, HSBC, LBBW, Unicredit

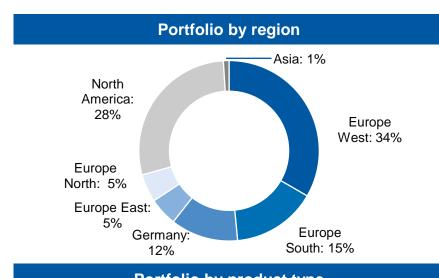
2014

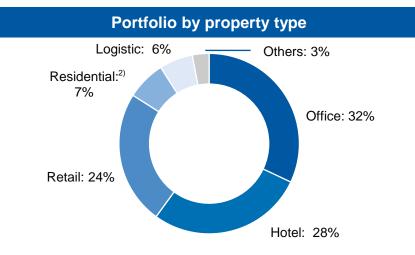


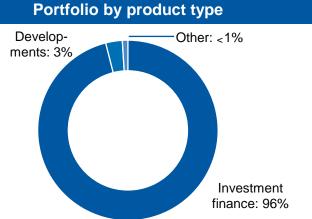


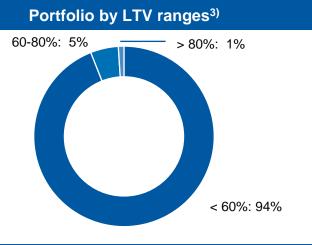
## Commercial real estate finance portfolio<sup>1)</sup>

## € 25.3 bn highly diversified and sound









<sup>1)</sup> CRE-business only, private client business (€ 0.7 bn) and WIB's public sector loans (€ 0.5 bn) not included

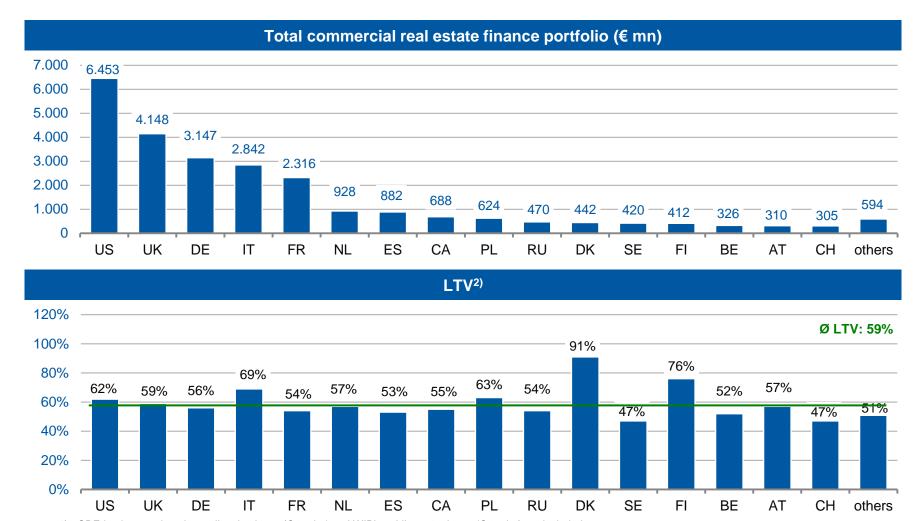


<sup>2)</sup> Incl. Student housing (UK only)

<sup>3)</sup> Performing CRE-business only, exposure as at 30.06.2018

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

## Portfolio details by country



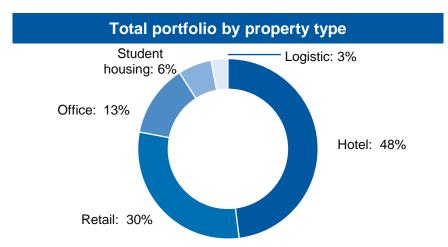
<sup>1)</sup> CRE-business only, private client business (€ 0.7 bn) and WIB's public sector loans (€ 0.5 bn) not included

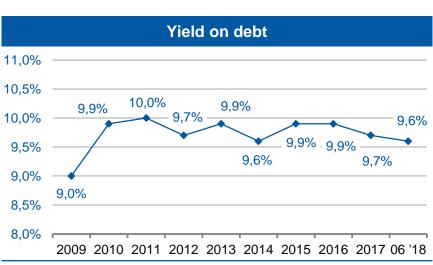
2) Performing CRE-business only, exposure as at 30.06.2018



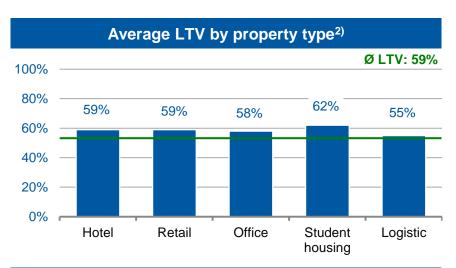
## Spotlight: UK CRE finance portfolio<sup>1)</sup>

#### € 4.1 bn (~16% of total CRE-portfolio)









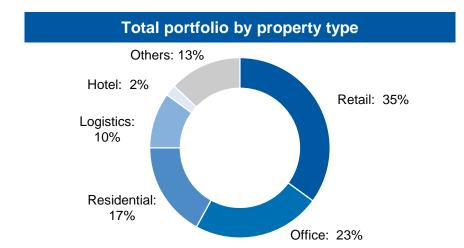
#### **Comments**

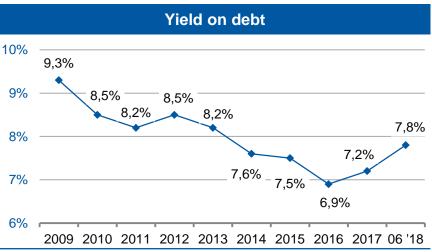
- Performing:
  - Investment finance only, no developments
  - ~ 60% of total portfolio in Greater London area, emphasising on hotels
  - € 215 mn with LTV > 60%
  - Theoretical stress on property values (-20%):
     would lead to portfolio LTV of approx. 73%
- No NPL



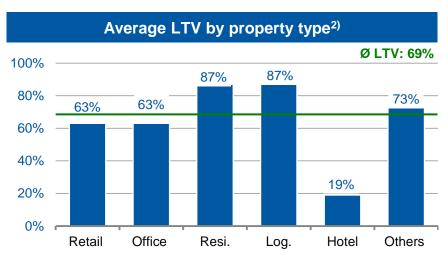
#### Spotlight: Italian CRE finance portfolio<sup>1)</sup>

#### € 2.8 bn (~11% of total portfolio)





- 1) CRE-business only
- 2) Performing CRE-business only, exposure as at 30.06.2018
- 3) Current enforcement period 3-4 years, but improving due to new legislation



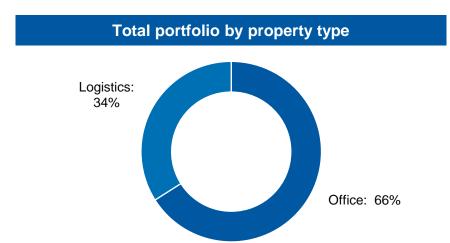
#### Comments

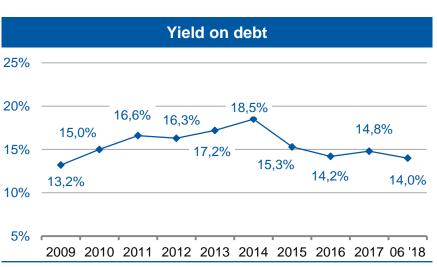
- Performing:
  - Share of developments financed below 10%
  - ~ 50% of total portfolio in Greater Rome or Milan area
  - € 319 mn with LTV > 60%
  - Theoretical stress on property values (-20%): would lead to portfolio LTV of approx. 88%
- NPL: € 669 mn of which
  - ~ 70% restructured / agreement in place or planned
  - ~ 30% enforcement<sup>3)</sup>

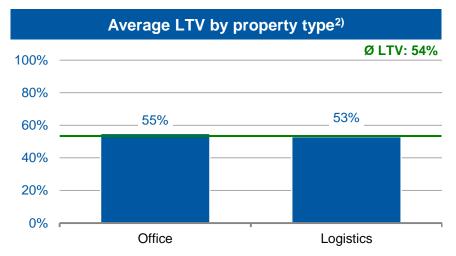


#### Spotlight: Russian CRE finance portfolio<sup>1)</sup>

€ 0.5 bn (~2% of total portfolio)







#### Comments

- Performing:
  - Investment finance only:2 logistics and 1 office in Moscow
  - No Deals with LTV > 60%
  - Theoretical stress on property values (-20%): would lead to portfolio LTV of approx. 67%
- NPL: € 17 mn, 1 office in St. Petersburg



<sup>1)</sup> CRE-business only

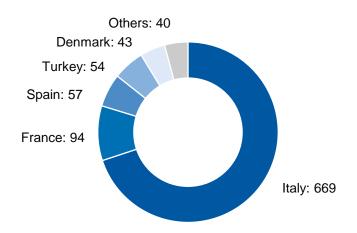
<sup>2)</sup> Performing CRE-business only, exposure as at 30.06.2018

#### **NPL** portfolio

#### Further declining NPL volume and NPL ratio



#### **NPL Portfolio by country (Total: € 955 mn)**



--- NPL ratio ex signed Italian restructured loans

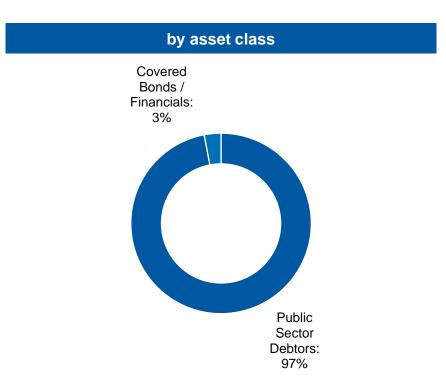
..... NPL ratio acc. Reg. Disclosure Report

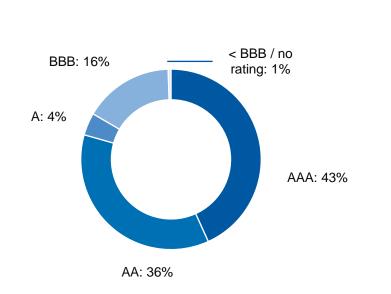
Considering collaterals, NPL's fully covered



## **Treasury portfolio**

## € 7.8 bn of high quality and highly liquid assets





by rating<sup>1)</sup>

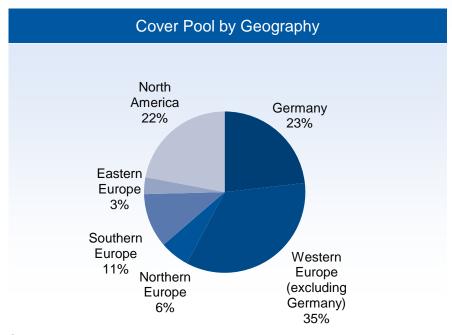


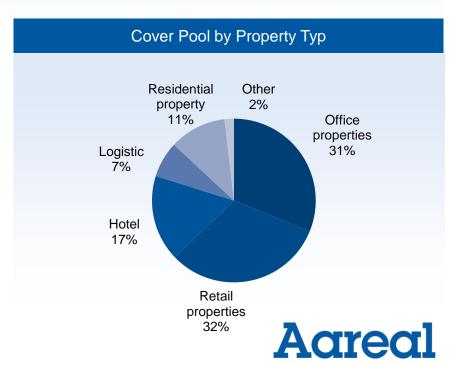
## **Mortgage Cover Pool**

#### Well diversified regarding Geography and Property Type

- Cover pool of € 11.9 bn including € 0.9 bn substitute assets diversified over 18 countries
- High quality of assets: first-class mortgage loans (mortgage-lending-value 56%)
- Mortgage-lending-value with high discount from market-value
- Ø LTV of the mortgage cover pool 36.2%
- Moody's has calculated a 'Aaa' supporting over-collateralisation ratio of 11.0% on a PV basis
- High diversification within property types









#### Outlook 2018

## Operating profit confirmed

Net interest income incl. derecognition result	■ € 570 mn - € 610 mn
Loss allowance <sup>1)</sup>	■ € 50 mn - € 80 mn
Net commission income	■ € 215 mn - € 235 mn
Admin expenses	■ € 470 mn - € 500 mn
Operating profit	■ € 260 mn - € 300 mn
Pre-tax RoE	<b>9</b> .5% - 11.0%
EpS	■ € 2.60 - € 3.00
Target portfolio size	■ € 25 bn - € 28 bn
New business origination <sup>2)</sup>	■ €7 bn - €8 bn
Operating profit Aareon <sup>3)</sup>	■ € 37 mn - € 38 mn (from ~€ 40 mn)



<sup>1)</sup> As in 2017, the bank cannot rule out additional loss allowance

<sup>2)</sup> Incl. renewals

<sup>3)</sup> After segment adjustments

#### Conclusion

#### Aareal Bank Group stays on track

#### **Key takeaways**



Robust operating performance in H1 underlines Aareal Bank Group's good market position in its two segments



Transformation of the Aareal Bank Group is well on its way, measures within the "Aareal 2020" future program show an increasingly positive effect



Aareal Bank Group is well on track to achieving its 2018-operating profit guidance as well as its strategic midterm to long-term targets







#### Results Q2 2018

	01.04 30.06.2018	01.04 30.06.2017 <sup>1)</sup>	Change
	€ mn	€ mn	
Profit and loss account			
Net interest income	136	151	-10%
Loss allowance	19	25	-24%
Net commission income	51	49	4%
Net derecognition gain or loss	5	7	-29%
Gains / losses from financial instruments (fvpl)	-4	4	
Net result on hedge accounting	-1	-3	
Results from investments accounted for at equity	-	-	
Administrative expenses	109	129	-16%
Net other operating income / expenses	3	55	-95%
Operating Profit	62	109	-43%
Income taxes	21	42	-50%
Consolidated net income	41	67	-39%
Consolidated net income attributable to non-controlling interests	0	1	
Consolidated net income attributable to shareholders of Aareal Bank AG	41	66	-38%
Earnings per share (EpS)			
Consolidated net income attributable to shareholders of Aareal Bank AG <sup>2)</sup>	41	66	-38%
of which: allocated to ordinary shareholders	37	62	-40%
of which: allocated to AT1 investors	4	4	0%
Earnings per ordinary share (in €) <sup>3)</sup>	0.62	1.05	-40%
Earnings per ordinary AT1 unit (in €) <sup>4)</sup>	0.04	0.04	0%

- 1) Comparative amounts reclassified according to the new classification format
- 2) The allocation of earnings is based on the assumption that net interest payable on the AT1 bond is recognised on an accrual basis.
- 3) 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.
- 4) 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.



# Results Q2 2018 by segments

	Struc Prop Finar	erty		ılting / ⁄ices		dation/ iliation	Aareal Bank Group		
	01.04 30.06. 2018	01.04 30.06. 2017 <sup>1)</sup>							
€ mn									
Net interest income	139	153	0	0	-3	-2	136	151	
Loss allowance	19	25	0				19	25	
Net commission income	3	2	46	46	2	1	51	49	
Net derecognition gain or loss	5	7					5	7	
Gains / losses from financial instruments (fvpl)	-4	4					-4	4	
Net result on hedge accounting	-1	-3					-1	-3	
Results from investments accounted for at equity									
Administrative expenses	55	77	55	53	-1	-1	109	129	
Net other operating income / expenses	2	54	1	1	0	0	3	55	
Operating profit	70	115	-8	-6	0	0	62	109	
Income taxes	24	44	-3	-2			21	42	
Consolidated net income	46	71	-5	-4	0	0	41	67	
Allocation of results									
Cons. net income attributable to non-controlling interests	0	0	0	1			0	1	
Cons. net income attributable to shareholders of Aareal Bank AG	46	71	-5	-5	0	0	41	66	



<sup>1)</sup> Comparative amounts reclassified according to the new classification format

#### Results H1 2018

	01.01 30.06.2018	01.01 30.06.2017 <sup>1)</sup>	Change
	€ mn	€ mn	
Profit and loss account			
Net interest income	269	305	-12%
Loss allowance	19	27	-30%
Net commission income	101	97	4%
Net derecognition gain or loss	11	17	-35%
Gains / losses from financial instruments (fvpl)	-1	3	
Net result on hedge accounting	-3	-6	
Results from investments accounted for at equity			
Administrative expenses	237	268	-12%
Net other operating income / expenses	8	59	-86%
Operating Profit	129	180	-28%
Income taxes	44	66	-33%
Consolidated net income	85	114	-25%
Consolidated net income attributable to non-controlling interests	1	6	-83%
Consolidated net income attributable to shareholders of Aareal Bank AG	84	108	-22%
Earnings per share (EpS)			
Consolidated net income attributable to shareholders of Aareal Bank AG <sup>2)</sup>	84	108	-22%
of which: allocated to ordinary shareholders	76	100	-24%
of which: allocated to AT1 investors	8	8	0%
Earnings per ordinary share (in €) <sup>3)</sup>	1.27	1.68	-24%
Earnings per ordinary AT1 unit (in €) <sup>4)</sup>	0.08	0.08	0%

- 1) Comparative amounts reclassified according to the new classification format
- 2) The allocation of earnings is based on the assumption that net interest payable on the AT1 bond is recognised on an accrual basis.
- 3) 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.
- 4) 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.



## Results H1 2018 by segments

	Struc Prop Finar		Consu Serv	Iting / vices		idation/ ciliation	Aareal Gro		
	01.01 30.06. 2018	01.01 30.06. 2017 <sup>1)</sup>							
€ mn									
Net interest income	275	310	0	0	-6	-5	269	305	
Loss allowance	19	27	0				19	27	
Net commission income	4	3	93	91	4	3	101	97	
Net derecognition gain or loss	11	17					11	17	
Gains / losses from financial instruments (fvpl)	-1	3					-1	3	
Net result on hedge accounting	-3	-6					-3	-6	
Results from investments accounted for at equity									
Administrative expenses	129	166	110	104	-2	-2	237	268	
Net other operating income / expenses	7	58	1	1	0	0	8	59	
Operating profit	145	192	-16	-12	0	0	129	180	
Income taxes	50	70	-6	-4			44	66	
Consolidated net income	95	122	-10	-8	0	0	85	114	
Allocation of results									
Cons. net income attributable to non-controlling interests	0	4	1	2			1	6	
Cons. net income attributable to shareholders of Aareal Bank AG	95	118	-11	-10	0	0	84	108	



<sup>1)</sup> Comparative amounts reclassified according to the new classification format

## Results – quarter by quarter

	:	Structured Property Financing				Consulting / Services				Consolidation / Reconciliation					Aareal Bank Group					
	Q2 20	Q1 18	Q4	Q3 2017 <sup>1)</sup>	Q2	Q2 20	Q1 18	Q4	Q3 2017 <sup>1)</sup>	Q2	Q2 201	Q1 8	Q4	Q3 2017 <sup>1)</sup>	Q2	Q2 20 <sup>-</sup>	Q1 18	Q4	Q3 2017 <sup>1)</sup>	Q2
€mn		,																		
Net interest income	139	136	139	147	153	0	0	0	0	0	-3	-3	-4	-3	-2	136	133	135	144	151
Loss allowance	19	0	29	26	25	0	0									19	0	29	26	25
Net commission income	3	1	3	1	2	46	47	55	45	46	2	2	3	2	1	51	50	61	48	49
Net derecognition gain or loss	5	6	13	20	7											5	6	13	20	7
Gains / losses from	-4	3	1	10	4											-4	3	1	10	4
financial instruments (fvpl)	4	3	'	10	-											-4	3	'	10	4
Net result on hedge accounting	-1	-2	-2	1	-3											-1	-2	-2	1	-3
Results from investments																				
accounted for at equity																				
Administrative expenses	55	74	62	68	77	55	55	63	53	53	-1	-1	-2	-1	-1	109	128	123	120	129
Net other operating income /	2	5	7	4	54	1	0	4	1	1	0	0	-1	0	0	3	5	10	5	55
expenses	۷	5	,	4	54	1	U	4	1	1	U	U	-1	U	U	3	5	10	5	55
Operating profit	70	75	70	89	115	-8	-8	-4	-7	-6	0	0	0	0	0	62	67	66	82	109
Income taxes	24	26	19	34	44	-3	-3	-1	-3	-2						21	23	18	31	42
Consolidated net income	46	49	51	55	71	-5	-5	-3	-4	-4	0	0	0	0	0	41	44	48	51	67
Cons. net income attributable to non-controlling interests	0	0	0	0	0	0	1	0	0	1						0	1	0	0	1
Cons. net income attributable to shareholders of Aareal Bank AG	46	49	51	55	71	-5	-6	-3	-4	-5	0	0	0	0	0	41	43	48	51	66



<sup>1)</sup> Comparative amounts reclassified according to the new classification format



# **Aareal 2020 – Adjust. Advance. Achieve.**Our way ahead



#### **Adjust**



#### Advance

# Safeguard strong base in a changing environment

- Enhance efficiency
- Optimise funding
- Anticipate regulation



Aareal 2020



#### **Achieve**

# Create sustainable value for all stakeholders

- Realise strategic objectives for the Group and the segments
- Consistently implement required measures
- Achieve ambitious financial targets

# Exploit our strengths, realise our potentials

- Further develop existing business
- Gain new customer groups, tap new markets
- Further enhance agility, innovation and willingness to adapt





### Aareal 2020 - Adjust. Advance. Achieve

Our growth program is well on track – we have successfully adjusted our organisational structure...



# **O**

#### **Achievements so far:** (extract)

 Alignment of structures and processes successfully implemented to increase efficiency

**Adjust** 



- Further development of the future IT-infrastructure
- Balance sheet structure / funding optimised: new investor groups made accessible
- ✓ Housing industry deposits stabilised as a crisis proven refinancing source – volume on forecasted high level (~ € 10 bn)
- Fulfilment of Basel IV requirements from day 1, capital ratios significantly increased, IFRS 9 implemented

- Targets: (extract)
- Continued alignment of structures and processes, further digitisation and ongoing optimisation of the IT-infrastructure
- Further increase of flexibility and efficiency, reduction of complexity
- Retention of broadly diversified funding sources
- Efficient use of capital
- Continuous screening of the regulatory environment and early anticipation of possible changes





✓ Cross-selling activities of digital products in

Europe launched, e.g. via digital platform

Cooperations with start-ups intensified



# ...for the strengthening of our basis to ensure an accelerated and successful implementation in both segments

	Achievements so far: (extract)	Targets: (extract)
Advance: Structured property financing	<ul> <li>✓ Attractive markets further enhanced (e.g. USA)</li> <li>✓ Existing exit channels enlarged, additional opportunities identified and cooperations gained</li> <li>✓ NCA portfolio significantly reduced</li> <li>✓ Digitisation of internal credit processes as well as clients' interface on track</li> <li>✓ Mount Street cooperation established, expansion of servicing business</li> </ul>	<ul> <li>Continuation of successful business development despite challenging environment with a focus on flexible allocation in the most attractive markets</li> <li>Expansion of existing and developing of new exit strategies</li> <li>Ongoing reduction of NCA-portfolio</li> <li>Tapping new (digital) business opportunities along the value added chain</li> <li>Identification and making use of additional potentials of the Mount Street cooperation</li> </ul>
Advance: Consulting/ Services	<ul> <li>✓ Position within the environment of the housing industry further strengthened</li> <li>✓ Utility market successfully tapped</li> <li>✓ Successful CRE-growth strategy, e.g. two acquisitions in 2017</li> </ul>	<ul> <li>Further development of digital solutions portfolio</li> <li>Ongoing penetration of relevant eco systems and tapping into neighbouring markets</li> <li>Developing of new markets in cooperation with the housing industry (B2B2C; B2C)</li> </ul>



Intensifying cooperations focussing on start-ups,

development of Aareon Ventures

#### **Outlook**



#### Main takeaways for upcoming years



#### CET1:

Currently, management sees Basel IV CET1 target ratio of ~12.5% adequate



#### **Excess capital:**

- Partial use in lending business to keep portfolio stable at ~ € 26.5 bn
- Further review in 2018





- Plan to stabilise NII on current level
- Future growth of total income mainly driven by NCI
- Operating profit will benefit from total income growth, successful transformation incl. efficiency improvements



#### RoE:

Accordingly RoE minimum target level structure lifted from 10% to 11% pre-tax, well on track to achieve our sustainable ~12% pre-tax RoE target



#### **Dividend:**

Confirming dividend policy







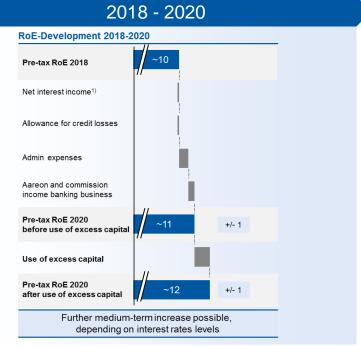
## RoE development: Our way ahead



#### **Achievements:**

- Portfolio reduced: lowered NII and freed up equity
- LLP significantly reduced
- Admin expenses reduced
- NCI increased

1) incl. effects from derecognition of financial instruments



#### Way ahead:

- Stabilising NII (but 'quality over quantity' still valid) and risk costs at 25-30 bps
- Continued reduction of admin expenses (lower transformational one-offs from 2020 onwards)
- Further growth of net commission income
- Future excess capital from NCA-run down to be invested in CRE portfolio (depending on market conditions)



## **Dividend policy**

#### Confirmed



#### **Base dividend**

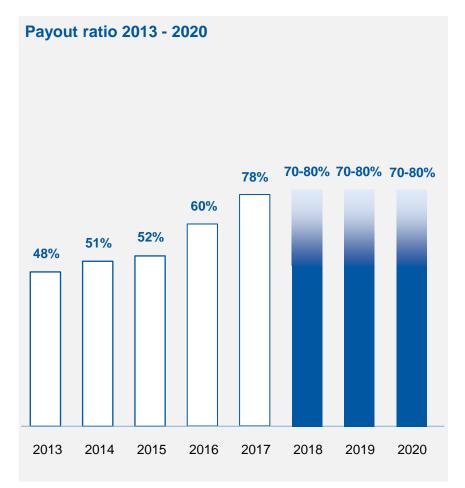
We intend to distribute approx. 50% of the earnings per ordinary share (EpS) as base dividend

#### Supplementary dividend

In addition, we plan to distribute supplementary dividends, started in 2016 with 10% increasing up to 20-30% of the EpS

#### **Prerequisites:**

- No material deterioration of the environment (with longer-term and sustainably negative effects)
- Neither attractive investment opportunities nor positive growth environment



<sup>1)</sup> The future dividend policy applies provided that the dividend payments resulting from it are consistent with a long-term and sustained business development of Aareal Bank AG. In addition, the dividend payments are subject to the proviso that corresponding dividend proposals have been made by the Management Board and the Supervisory Board for the respective year.

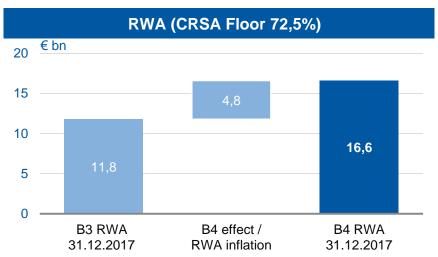


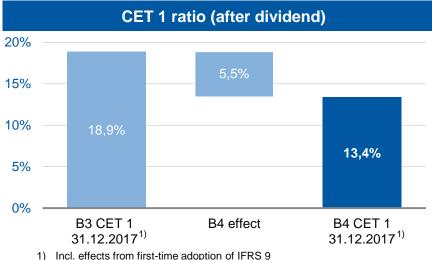


#### **Basel IV effect**

# Published Feb 2018

### Already fulfilling future Basel IV capital requirements





B3 RWA of 11.8 bn with current risk density of 22% would be 13.2 bn (based on 31.12.2016's risk density of 28%) Basel IV:

- New B4-regulation triggers significant RWA-inflation
- Low risk weighted CRE business excessively burdened
- Resulting capital needs precociously anticipated
- Remaining uncertainties:
  - EU implementation
  - Supervisors' decisions (e.g. on Hard test)

#### Others:

- 2018 stress test might result in new SREP guidance for 2019 onwards
- Combined efforts on internal models:
  - Final EBA requirements:
     Some parts delivered, QIS announced,
     some still open
  - TRIM exercise still ongoing
  - Internal models have to be adjusted / redesigned and approved until mid 2020 to meet EBA deadline



#### IFRS 9

#### Remarks



#### **First Time Application**

- 1 January 2018
- Transition effects are recognised in equity

#### **Classification and Measurement**

- New model for the classification and measurement of financial assets (ac, fvoci or fvpl) based on business models and cash flow characteristics
- Aareal Bank will change B/S structure to measurement categories

#### **Impairment**

- Expected loss model:
  - Stage 1: LLP based on 12-Month expected credit losses on recognition
  - Stage 2: LLP based on lifetime expected credit losses on financial assets with significant increase in credit risk and
  - Stage 3: LLP based on lifetime expected credit losses on impaired financial assets
- No LLP for financial assets fvpl, as it is part of gains/losses on the corresponding line item

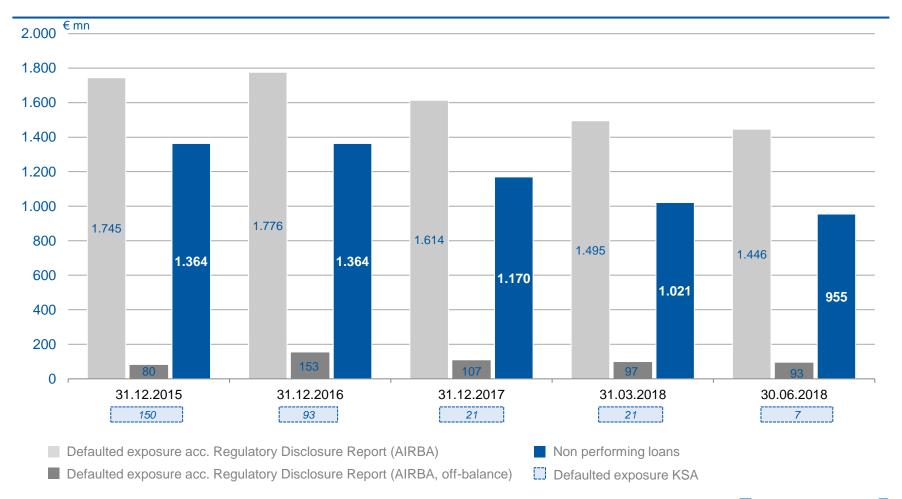
#### **Financial Statements**

- B/S and P/L structure will change, eg. derecognition and modification gains / losses are added
- Extended Notes Disclosures for impairment and hedge accounting



#### **Defaulted exposure**

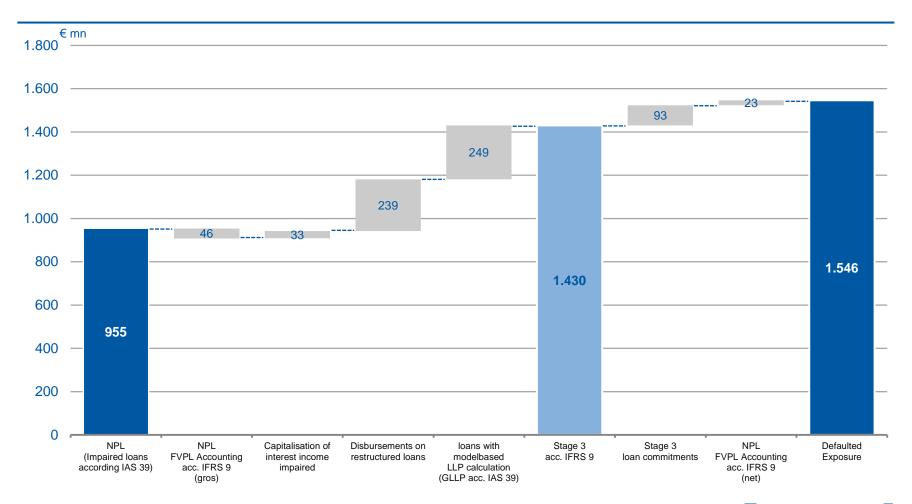
NPL development vs. defaulted exposure acc. Reg. Disc. Report





### **Defaulted Exposure**

NPL vs. Stage 3 (IFRS 9) vs. defaulted exposure acc. Reg. Disc. Report

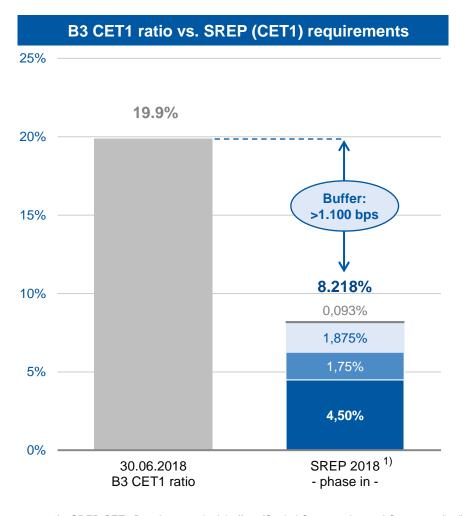






### **SREP (CET 1) requirements**

### Demonstrating conservative and sustainable business model



- Corresponding total capital requirement 2018 (Overall Capital Requirement (OCR) incl. buffers, phase-in) amounts to 11.718%
- As of 30 June 2018 total capital ratio amounts to 31.3%

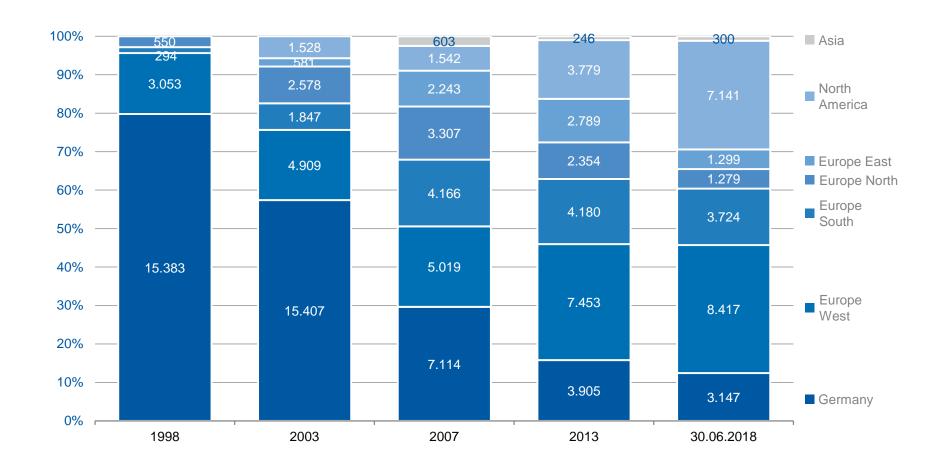
Countercyclical BufferCapital Conservation BufferPillar 2 RequirementPillar 1 Requirement



<sup>1)</sup> SREP-CET1 Requirements incl. buffers (Capital Conservation and Countercyclical)



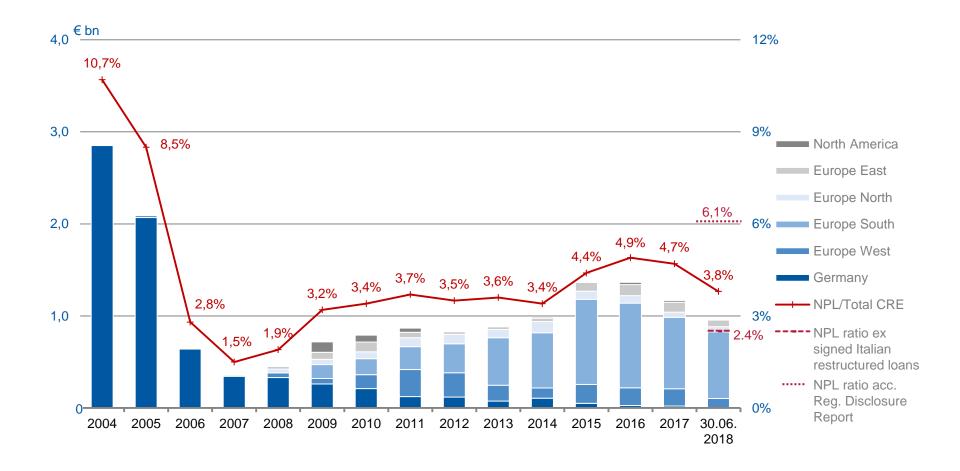
### Development commercial real estate finance portfolio





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

## Further declining NPL volume and NPL ratio

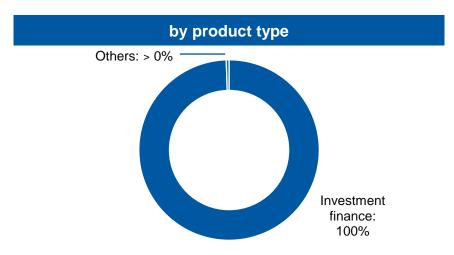


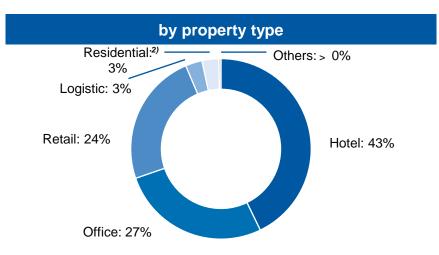
<sup>1)</sup> CRE-business only, private client business (€ 0.7 bn) and WIB's public sector loans (€ 0.5 bn) not included

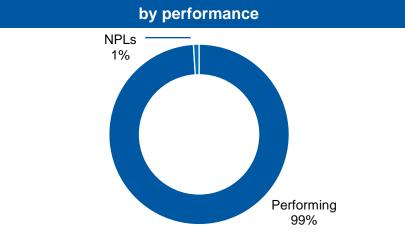


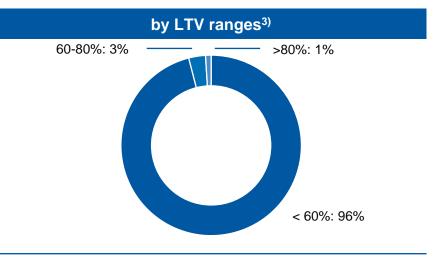
### Western Europe (ex Germany) CRE finance portfolio<sup>1)</sup>

## Total volume outstanding as at 30.06.2018: € 8.4 bn











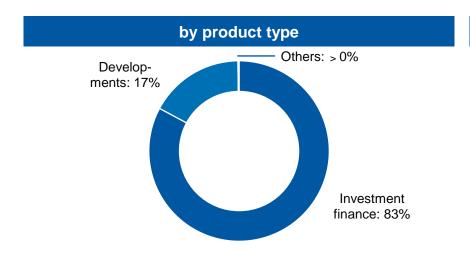
<sup>1)</sup> CRE-business only

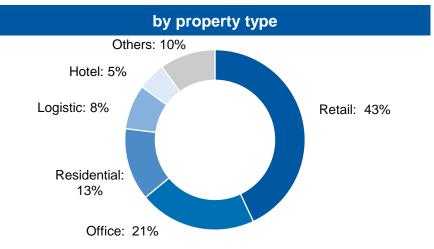
<sup>2)</sup> Incl. Student housing (UK only)

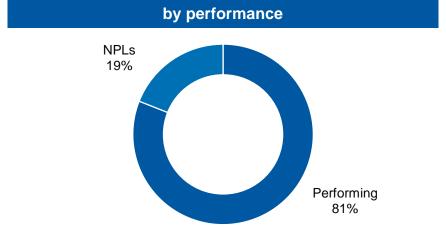
<sup>3)</sup> Performing CRE-business only, exposure as at 30.06.2018

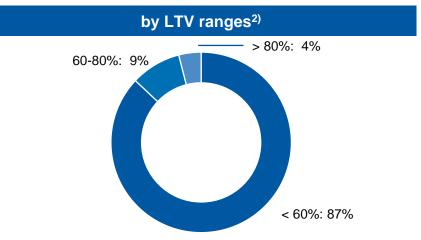
### Southern Europe CRE finance portfolio<sup>1)</sup>

## Total volume outstanding as at 30.06.2018: € 3.7 bn









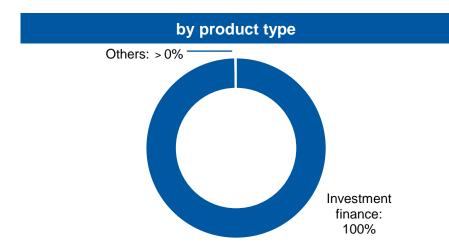


<sup>1)</sup> CRE-business only

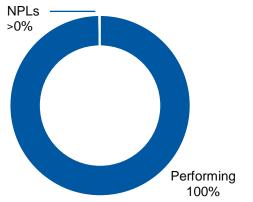
<sup>2)</sup> Performing CRE-business only, exposure as at 30.06.2018

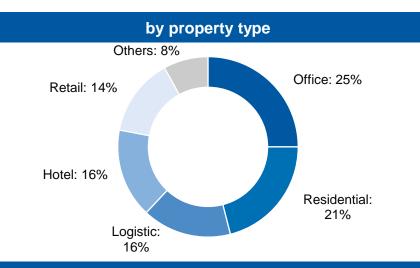
### German CRE finance portfolio<sup>1)</sup>

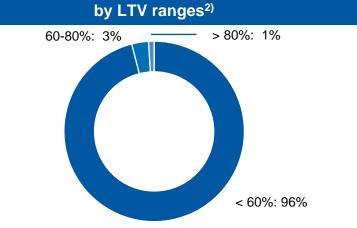
### Total volume outstanding as at 30.06.2018: € 3.1 bn











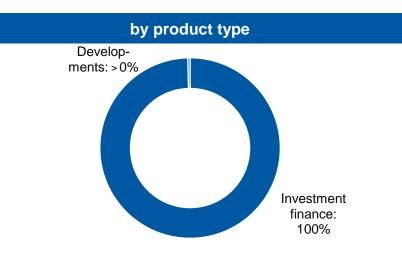


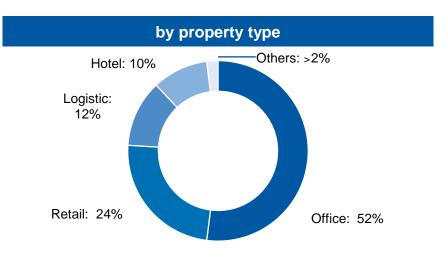
<sup>1)</sup> CRE-business only

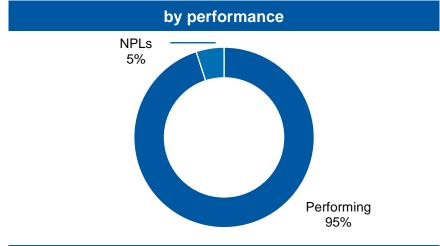
<sup>2)</sup> Performing CRE-business only, exposure as at 30.06.2018

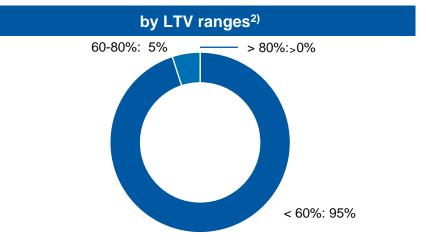
### Eastern Europe CRE finance portfolio<sup>1)</sup>

## Total volume outstanding as at 30.06.2018: € 1.3 bn









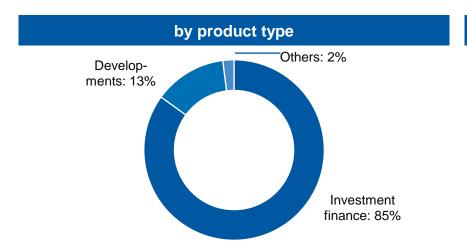


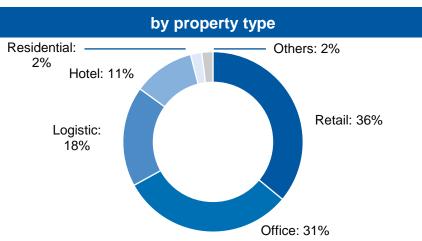
<sup>1)</sup> CRE-business only

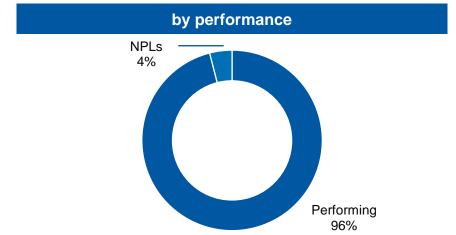
<sup>2)</sup> Performing CRE-business only, exposure as at 30.06.2018

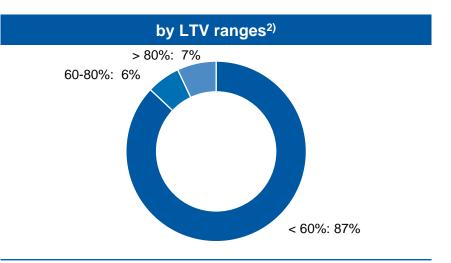
### **Northern Europe CRE finance portfolio**<sup>1)</sup>

### Total volume outstanding as at 30.06.2018: € 1.3 bn









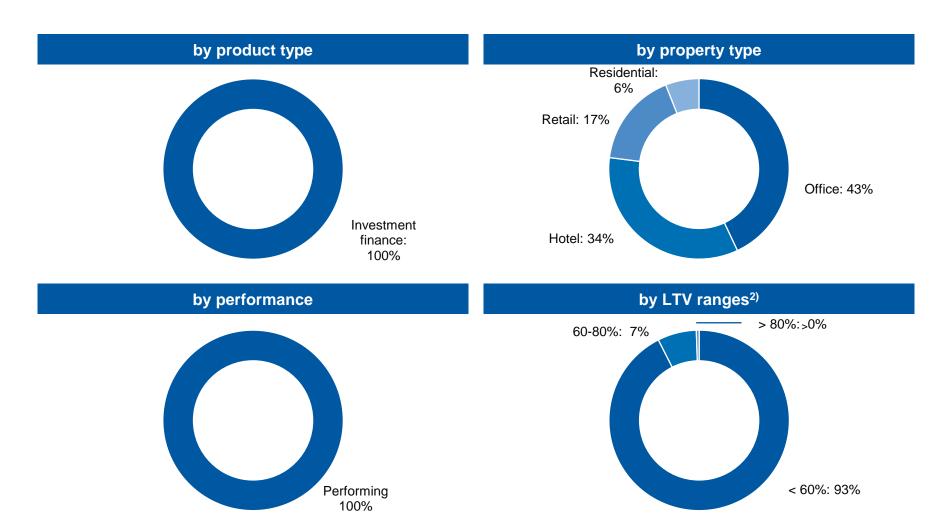


<sup>1)</sup> CRE-business only

<sup>2)</sup> Performing CRE-business only, exposure as at 30.06.2018

### North America CRE finance portfolio<sup>1)</sup>

## Total volume outstanding as at 30.06.2018: € 7.1 bn



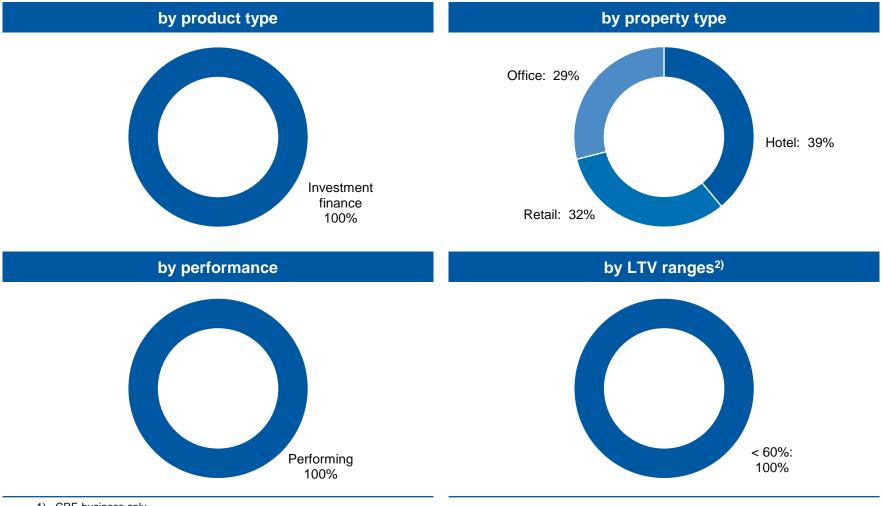
<sup>1)</sup> CRE-business only



<sup>2)</sup> Performing CRE-business only, exposure as at 30.06.2018

### Asia CRE finance portfolio<sup>1)</sup>

### Total volume outstanding as at 30.06.2018: € 0.3 bn



<sup>1)</sup> CRE-business only



<sup>2)</sup> Performing CRE-business only, exposure as at 30.06.2018



### Interest payments and ADI of Aareal Bank AG

## Available Distributable Items (as of end of the relevant year)



		31.12. 2015		31.12. 2017
Net Retained Profit  ■ Net income  ■ Profit carried forward from previous year  ■ Net income attribution to revenue reserves	77 77 -	99 <i>99</i> - -	122 122 -	147 147 - -
+ Other revenue reserves after net income attribution	715	720	720	720
= Total dividend potential before amount blocked <sup>1)</sup>	792	819	842	870
<ul> <li>./. Dividend amount blocked under section 268 (8) of the German Commercial Code</li> <li>./. Dividend amount blocked under section 253 (6) of the German Commercial Code</li> </ul>	240	287	235 28	283 35
= Available Distributable Items <sup>1)</sup>	552	532	579	552
+ Increase by aggregated amount of interest expenses relating to Distributions on Tier 1 Instruments <sup>1)</sup>	57	46	46	32
<ul> <li>Amount referred to in the relevant paragraphs of the terms and conditions of the respective Notes as being available to cover Interest Payments on the Notes and Distributions on other Tier 1 Instruments<sup>1)</sup></li> </ul>	609	578	625	584



<sup>1)</sup> Unaudited figures for information purposes only



### **Sustainability data**

#### Extends the financial depiction of the Group

#### Key takeaways at a glance



#### **Transparent Reporting – facilitating informed investment decisions**

- "COMBINED SEPARATE NON-FINANCIAL REPORT 2017 FOR AAREAL BANK AG"

  1) and SUSTAINABILITY REPORT 2017 "THINK FUTURE. ACT NOW."

  2) published on March 28, 2018
- PricewaterhouseCoopers GmbH performed a limited assurance engagement and issued an unqualified review 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 02/20173)]

oekom Aareal Bank Group holds "prime status", ranking among the leaders in its industry [since 2012]

Sustainalytics Aareal Bank Group was classified as "outperformer", ranking among the best 17%

of its industry [as per 02/2017<sup>3)</sup>]

GRESB Aareal Bank Group scores 56 out of 100 in GRESB Debt Assessment [as per 08/2017]

imug Aareal Bank was rated "positive BBB" in the category "Uncovered Bonds";

the second best result of all 109 rated Financial Institutions [as per 03/20173)]



<sup>1)</sup> https://www.aareal-bank.com/fileadmin/DAM Content/Verantwortung/Nichtfinanzieller Bericht 2017 en.pdf

<sup>2) &</sup>lt;a href="https://www.aareal-bank.com/en/responsibility/reporting-on-our-progress/sustainability-reporting/">https://www.aareal-bank.com/en/responsibility/reporting-on-our-progress/sustainability-reporting/</a>

<sup>3)</sup> New rating results expected

#### Stands for solidity, reliability and predictability

#### **Doing business sustainably**

19.9% Common Equity Tier 1 ratio<sup>1)</sup>, exceeds the statutory requirements



€ 25.3 bn Valuable Property Finance Portfolio<sup>2)</sup>



Aareon's products & services boost our client's sustainability records



Aareal Bank awarded as top employer for the 11th time in succession



Systematic approach: Code of Conduct for employees & suppliers



Solid refinancing base: Covered Bonds<sup>3)</sup> with best possible ratings

> Moody's INVESTORS SERVICE

Aareal Bank & Aareon: **Certified Ecoprofit** companies, by using

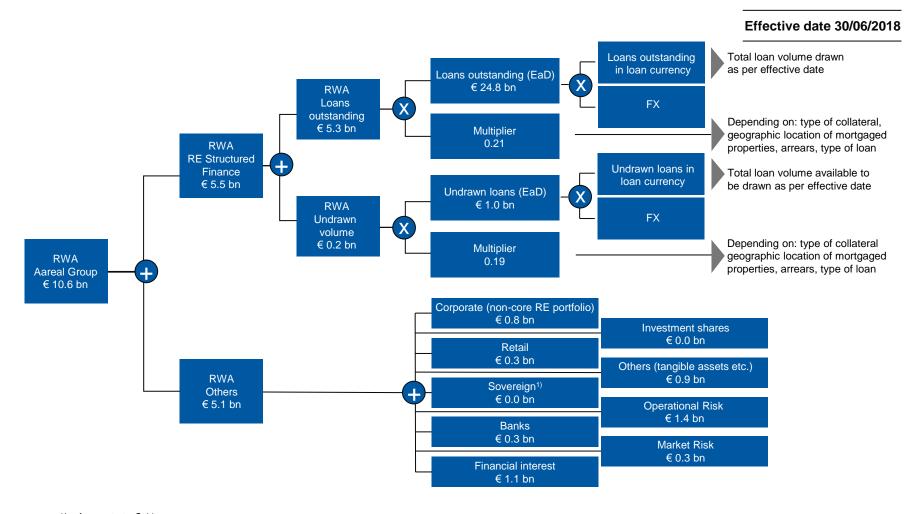
100% green electricity<sup>4)</sup> Above-average results in sustainability ratings

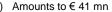


- 1) Basel 3, as at 30.06.2018
- 2) CRE business only, private client business (€ 0.7 bn) and WIB's public sector loans (€ 0.5 bn) not included, as at 30.06.2018
- Mortgage Pfandbriefe rated Aaa by Moody's
- At our main locations in Wiesbaden and Mainz, selected other German and international sites

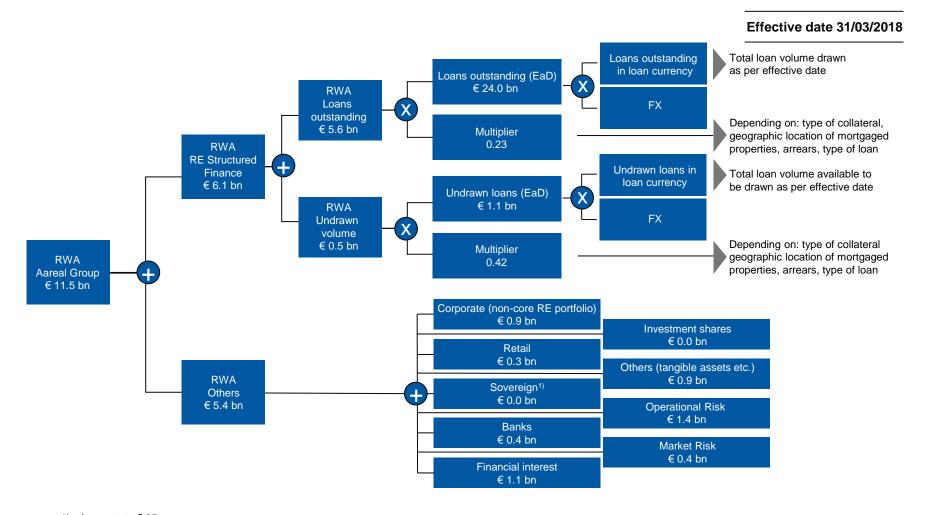


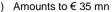






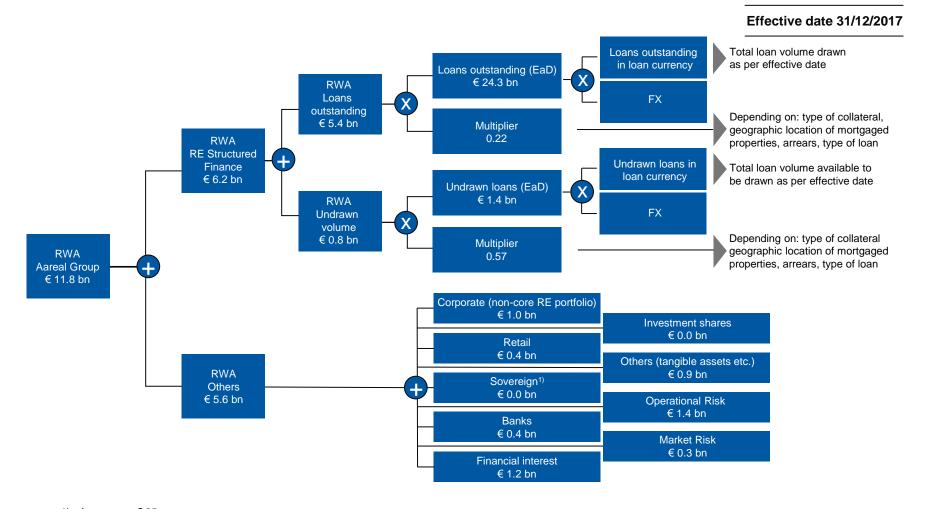


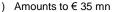






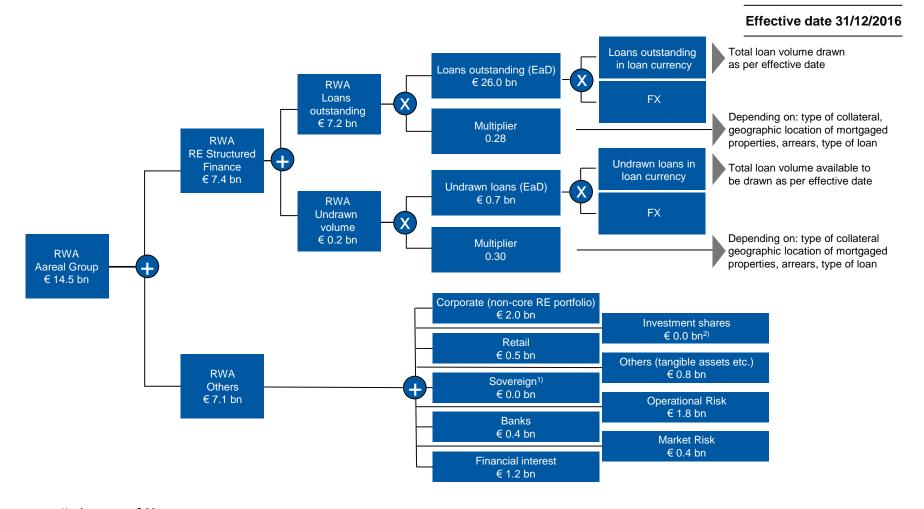
### Essential factors affecting volume of RWA







### Essential factors affecting volume of RWA



<sup>1)</sup> Amounts to € 36 mn



Amounts to € 1 mn



#### **Definitions**

- New Business = Newly acquired business + renewals
- Pre tax RoE = Operating profit ./. income/loss attributable to non-controlling interests ./. AT1 cupon
  Average IFRS equity excl. non-controlling interests, other reserves, AT1 and dividends
- CIR = Admin expenses
  Net income
- Net income = net interest income + net commission income + net result on hedge accounting + net trading income + results from non-trading
  assets + results from investments accounted for at equity + results from investment properties + net other operating income
- Net stable funding ratio = Available stable funding Required stable funding
- Liquidity coverage ratio = Total stock of high quality liquid assets Net cash outflows under stress
- Bail-in capital ratio = Equity + subordinated capital (Long + short term funding) (Equity + subordinated capital)
- Earnings per share = operating profit ./. income taxes ./. income/loss attributable to non controlling interests ./. net AT1 cupon

  Number of ordinary shares
- Yield on Debt =
  Net operating income (NOI) x 100
  Current commitment incl. prior / pari-passu loans



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♦ Bloomberg Equity: ARL GR, Bond: AARB

♦ Reuters ARLG.F

◆ Deutsche Börse ARL



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