## **Aareon AG**

## **Investor Seminar**

28 May 2019





www.aareon.de

### **Today's presenters**

## Aareal



**Hermann J. Merkens** Chief Executive Officer – Aareal Bank Group





**Dr. Manfred Alflen** Chief Executive Officer – Aareon AG



**Christian M. Schmahl** Chief Financial Officer – Aareon AG



**Dr. Imad Abdallah** Chief Digital & Ventures Officer – Aareon AG



## Today's agenda

10.30 – 10.45 1	Introduction to Aareal Bank's Consulting / Services business Hermann J. Merkens
10.45 – 11.25 <b>2</b>	We are the leading provider of ERP software and digital solutions to the European Real Estate industry Dr. Manfred Alflen
11.25 – 11.30 <b>3</b>	Well positioned to embark on next chapter of growth Dr. Manfred Alflen
11.30 - 11.40 4	<b>Q&amp;A</b> Presented by Jürgen Junginger
11.40 - 12.10 5	Growth strategy Dr. Imad Abdallah
12.10 – 12.35 6	<b>Financial overview</b> Christian M. Schmahl
12.35 – 13.20 <b>7</b>	Q&A Presented by Jürgen Junginger
13.20 – 13.30 8	Wrap-up and closing remarks Hermann J. Merkens / Dr. Manfred Alflen
from 13.30	Lunch

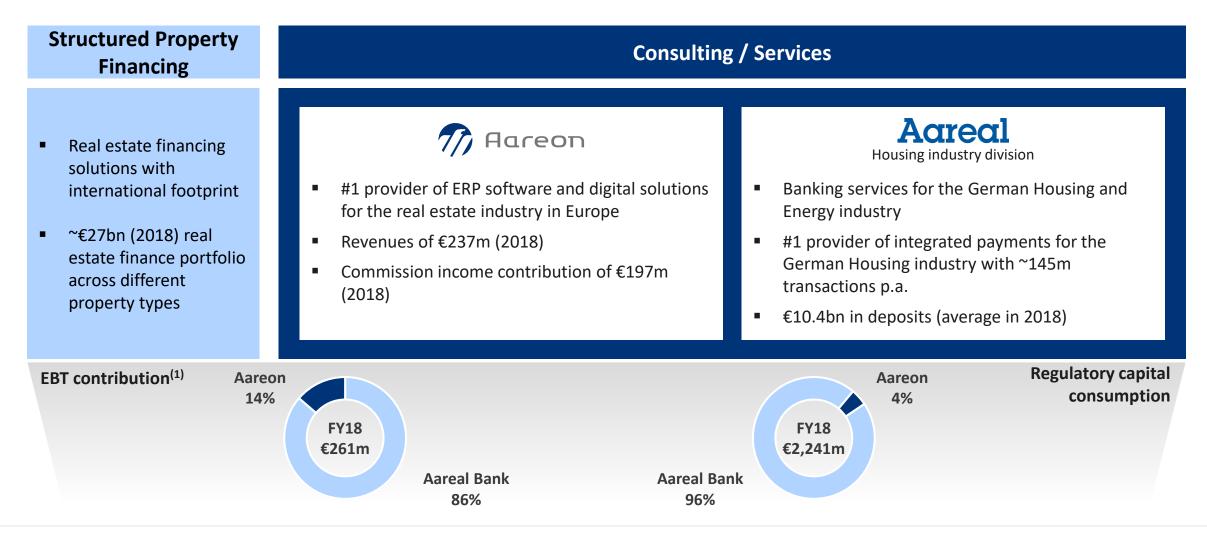


## Introduction to Aareal Bank's Consulting / Services business

Hermann J. Merkens



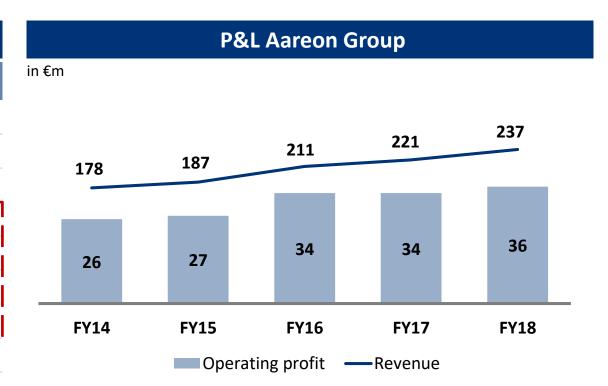
## Aareon is Europe's #1 provider of ERP software and digital solutions driving digital transformation of the European Real Estate industry





### Aareon as key growth driver for Aareal's Consulting / Services segment

P&L C/S segment							
in €m	FY14	FY15	FY16	FY17	FY18		
Net interest income	1	(2)	(15)	(10)	(12)		
Loss allowance					(1)		
<ul> <li>thereof Aareon</li> </ul>					(1)		
Net commission income	162	171	186	200	212		
<ul> <li>thereof Aareon</li> </ul>	157	164	178	189	197		
Revenues	178	187	211	221	237		
<ul> <li>Material costs</li> </ul>	21	23	33	33	40		
Admin expenses	187	197	204	220	227		
<ul> <li>thereof Aareon</li> </ul>	136	144	148	161	165		
Net other op. income	4	5	4	6	4		
<ul> <li>thereof Aareon</li> </ul>	6	6	4	6	3		
Operating profit	(20)	(23)	(29)	(23)	(22)		
<ul> <li>thereof Aareon</li> </ul>	26	27	34	34	36		



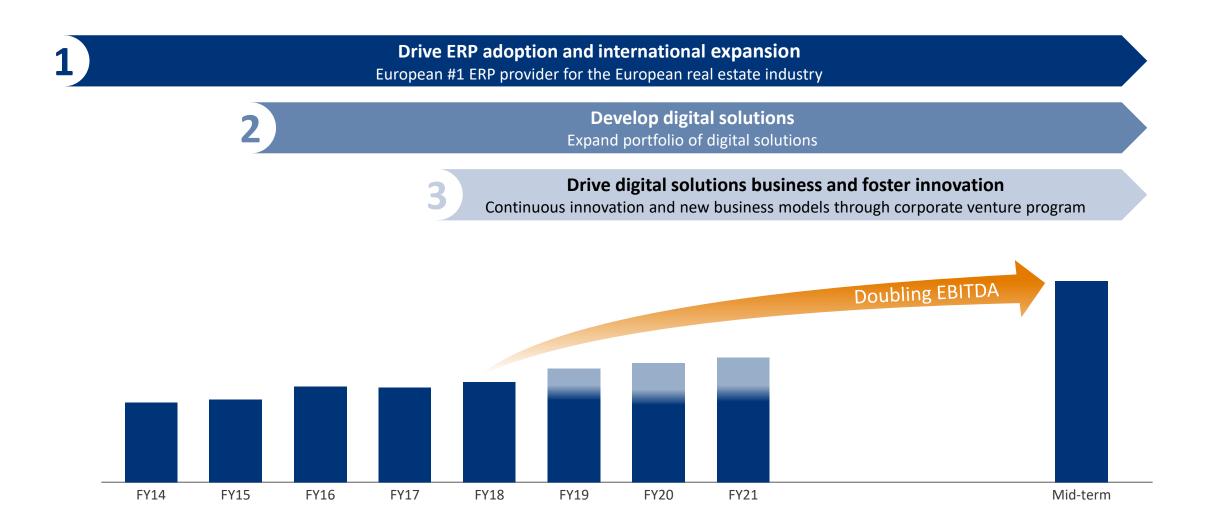


## Aareal 2020: Main objectives and drivers going forward – Aareon the key growth driver

Aareal 2020 as of today		<ul> <li>Aareal 2020 was designed already in 2016 to provide for higher stability, efficiency and flexibility in an increasingly changing environment</li> <li>We have executed – hence our business model today has inherent optionalities enabling us to act adequately</li> </ul>					
Three areas of particular focus:							
CRE		<b>Fine-tuning of our strategic positioning</b> as a result of (i) sluggish growth and transaction volumes, as well as (ii) regulatory changes					
Regulatory capital		Anticipation and implementation of regulatory changes – coming from a strong basis – Flashlight on future ECB NPL guidelines and IFRS 9 stage 2 sensitivity					
Aareon	General	Strengthening of capital-light / commission income business					
	Where we are today	European No 1 ERP provider <sup>1</sup> ; sustainable client base; digital products successfully established					
	Where we will go	Accelerate growth by pushing the digital business further					
	How we will achieve	Increased R&D spend for iterative organic development; supported by opportunistic M&A					
Today's focus							



### Aareon is focused on delivering sustainable growth



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### **Experienced management team**



**Dr. Manfred Alflen** Chief Executive Officer

- Responsible for general oversight of Aareon
- 17 years with Aareon
- 29 years of experience in IT industry

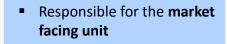


**Christian Schmahl** Chief Financial Officer

- Responsible for financial oversight of Aareon
- 7 years with Aareon
- 25 years of experience in fast growing technology companies



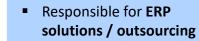
Sabine Fischer Chief Market Officer



- 4 years with Aareon
- 29 years of experience in IT industry



**Dr. André Rasquin** Chief Operations Officer



- 12 years with Aareon
- 25 years of experience in real estate IT industry



**Dr. Imad Abdallah** Chief Digital & Ventures Officer

- Responsible for digital solutions and ventures
- 10 years with Aareon
- 20 years of experience in real estate software development industry
- Entire organisation is structured to combine the three main areas of market, product / services and geographies to accelerate growth
- ✓ Highly specialised market team with strong connections to customers across Europe
- ERP product team and digital solutions team work seamless with markets department

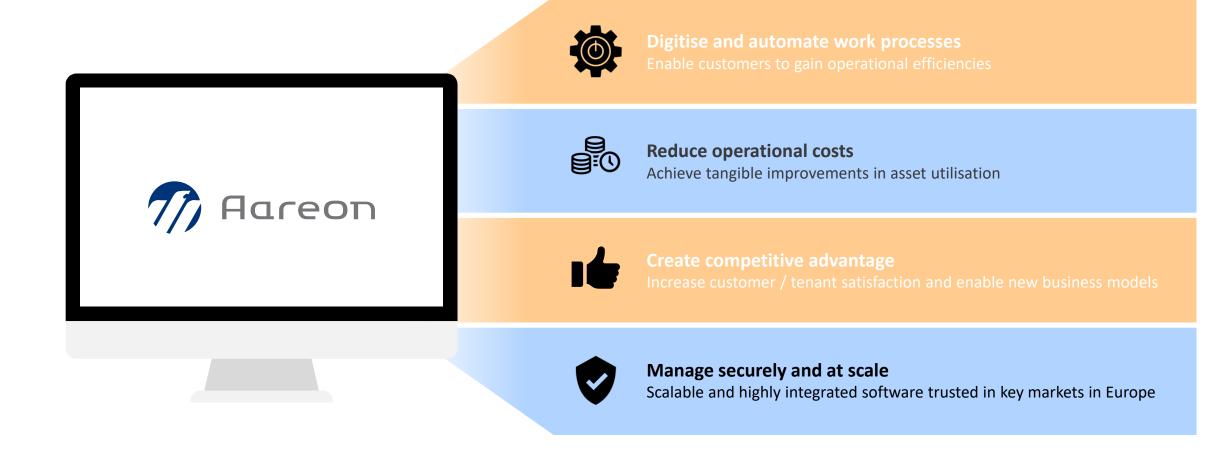


# 2 We are the leading provider of ERP software and digital solutions to the European Real Estate industry

Dr. Manfred Alflen

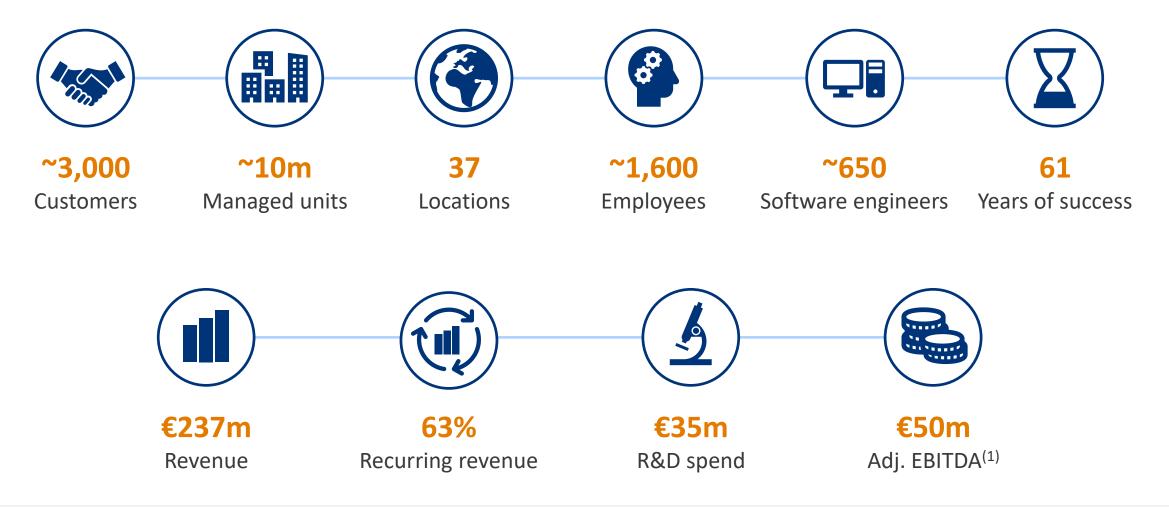


## Make our customers successful: Drive digital transformation of the European Real Estate industry with highly integrated software solutions



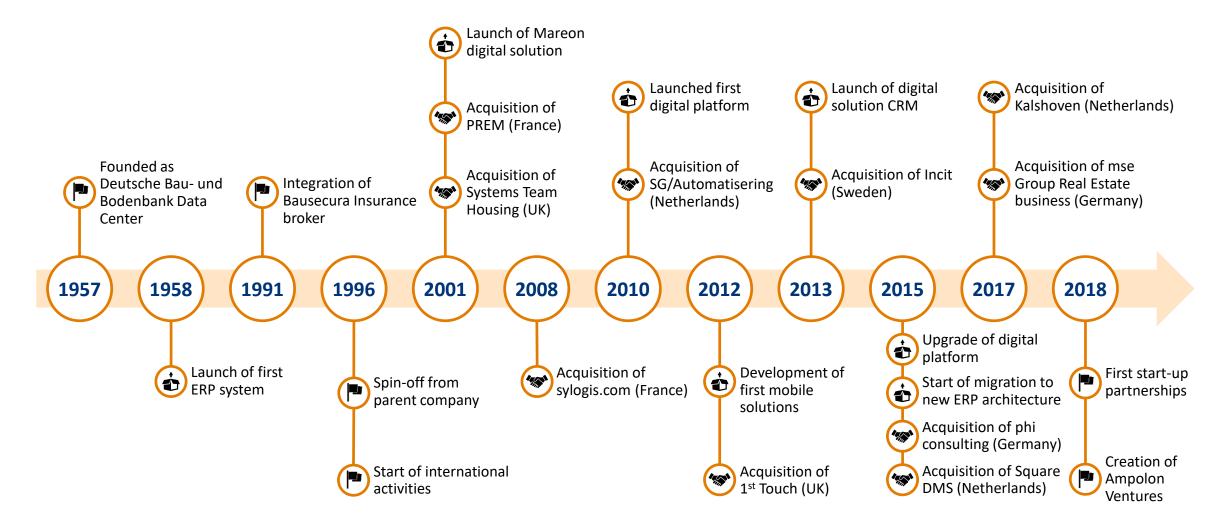


## Aareon today – the leading ERP software and digital solutions provider to the European Real Estate industry

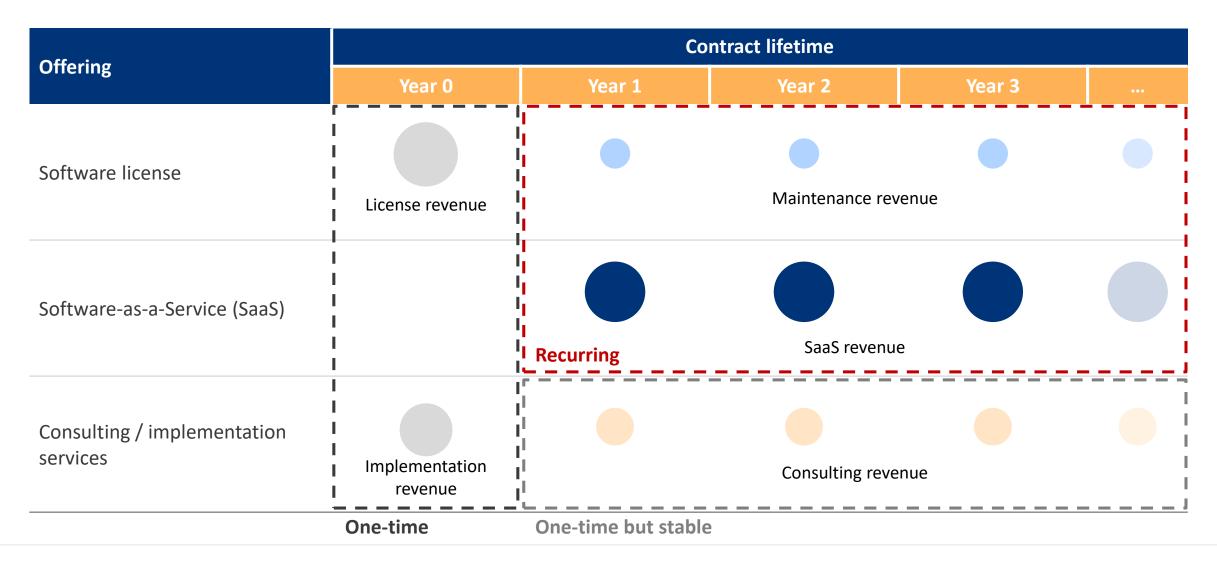




### Journey to market leadership

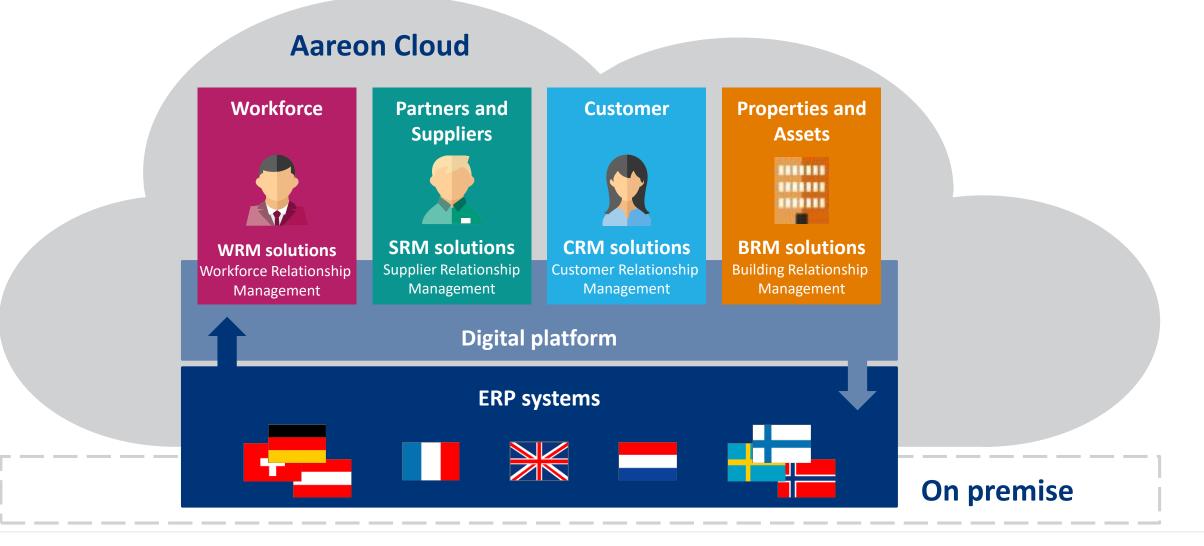


### Simplified commercial model – stable and mature



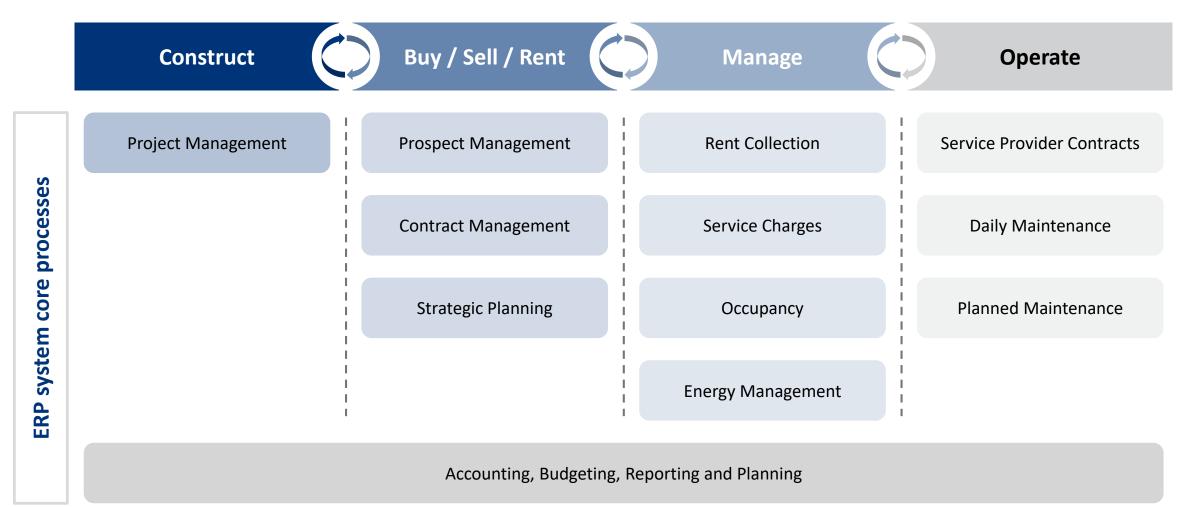


## Fully integrated suite of market-specific ERP software and an innovative European digital solutions platform



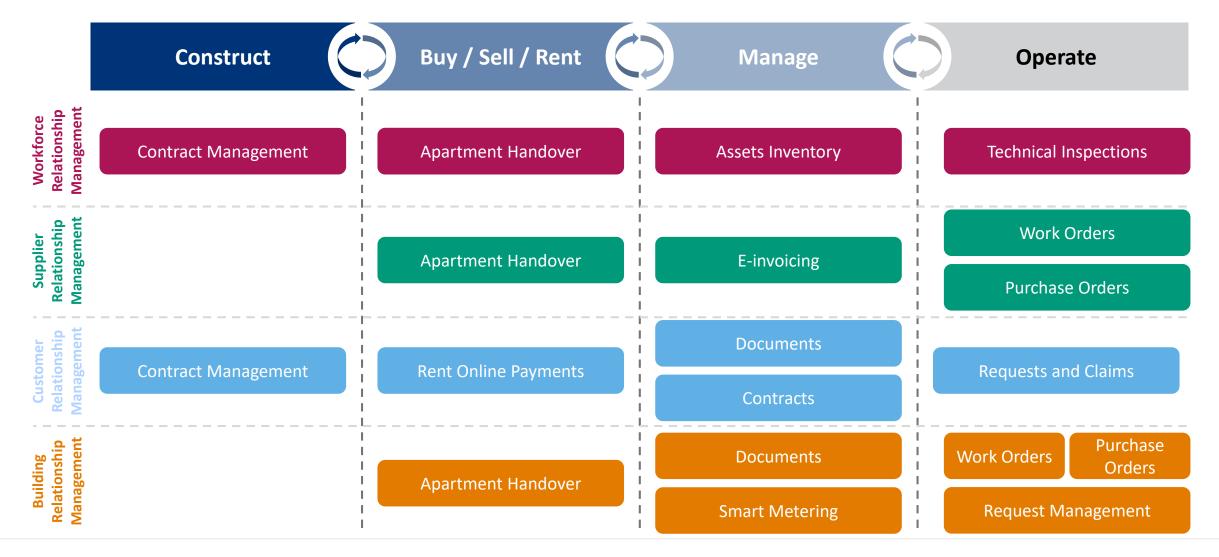
Aareon

## Aareon ERP software covers all relevant building lifecycle's core processes – back office oriented





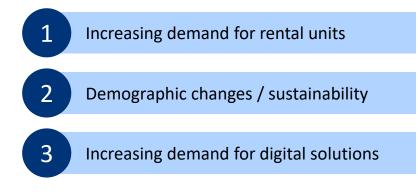
## Digital solutions addressing stakeholders interactions within real estate ecosystem – front office oriented



## Germany – the largest European market as launch pad for international expansion



#### Market trends







Note: Market share based on Aareon's estimates of total units

### Market leading across Europe





### **Case study: Public tender win thanks to fully integrated product suite**

#### About the customer

- UK housing company
- Created in 2015 after the merger Helena Partnerships and Golden Gates Housing Trust

#### **Customer needs**

- Combine various systems companies with specific functions after the merger
- Harmonize disparate systems and introduce specific functionality
- Objective of giving some 80% of customers digital access to services by 2020

#### Aareon's solution

- Fully integrated UK ERP system Aareon QL
- Integration of digital solutions (internet portal for tenants, service charge invoicing, etc.)

#### **Customer value**

- Flexible IT solutions basis for future digitalization of the company
- Efficient management of 40,000 units without any undue effort
- Savings of around 60% of annual IT maintenance costs

"The new system provides us with all customer, asset and financial information from a single source and enables us to simplify processes and work more efficiently. It also forms the basis for the future digitalisation of our company." Debbie Trust-Dickinson, Director of ICT & Transformation at Torus





## **Case study: Helping existing customer Joseph Stiftung to boost efficiency**

#### About the customer German ecclesiastical housing company Sustainable business model around housing, construction, consulting and asset management \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ **Customer needs** Innovative solutions around digital tenant and owner community management Automated rent deposit management **Joseph Stiftung** Aareon's solution Entirely digitised CRM process (e.g. rent process, tenant file management) Fully integrated payment processes in the ERP system **Customer value** Significant increase of throughput in student housing business Higher customer satisfaction among target group of digital natives and competitive advantage (innovation leadership) Increased efficiency and process cost savings



## Case study: Rheinwohnungsbau GmbH – Delivering seamless apartment handover and change of energy provider

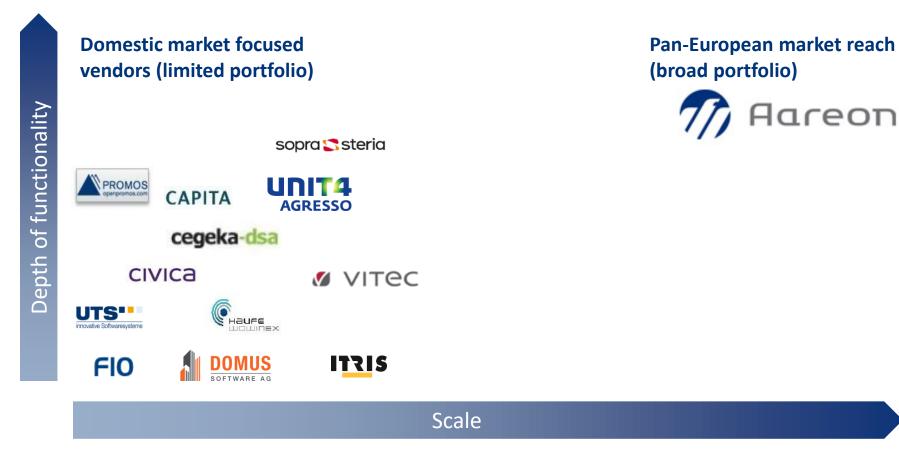




## **Aareon Congress: Our community**



## #1 European vendor of scale offering breadth and depth of functionality to clients across Europe



- Real Estate ERP software vendor landscape
- Digital solutions landscape is highly fragmented

Note: Positioning indicative based on Aareon experts' functionality evaluations as well as competitors' Real Estate industry software and services revenue estimates



# **3** Well positioned to embark on next chapter of growth

Dr. Manfred Alflen



### We have laid strong foundations to embark on next chapter of growth



Stayed on course to achieve "Aareal 2020" targets

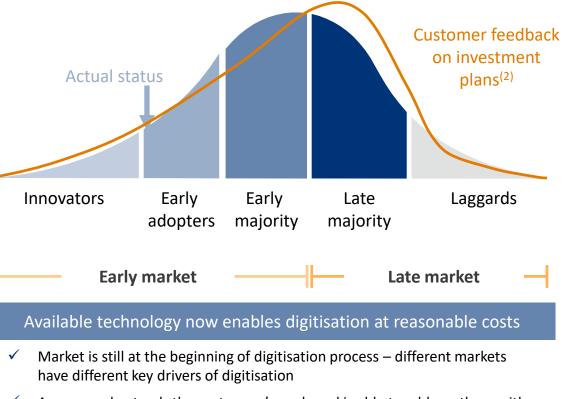


## The digitisation of Real Estate market provides significant growth potential

#### Real Estate at the beginning of digitisation

Industry <sup>(1)</sup>	Ger	USA	UK	Fra	Net	Ita	Esp
IT							
Services							
Media							
Bank / Insurance							
Wholesale							
Retail							
Aut. / Engineering							
Basic industry							
Health Care							
Construction							
Real Estate							
Public Sector							
Relative low digitisation						Relative hig digitisation	1

## Real Estate companies confirm investment plans in further digitisation

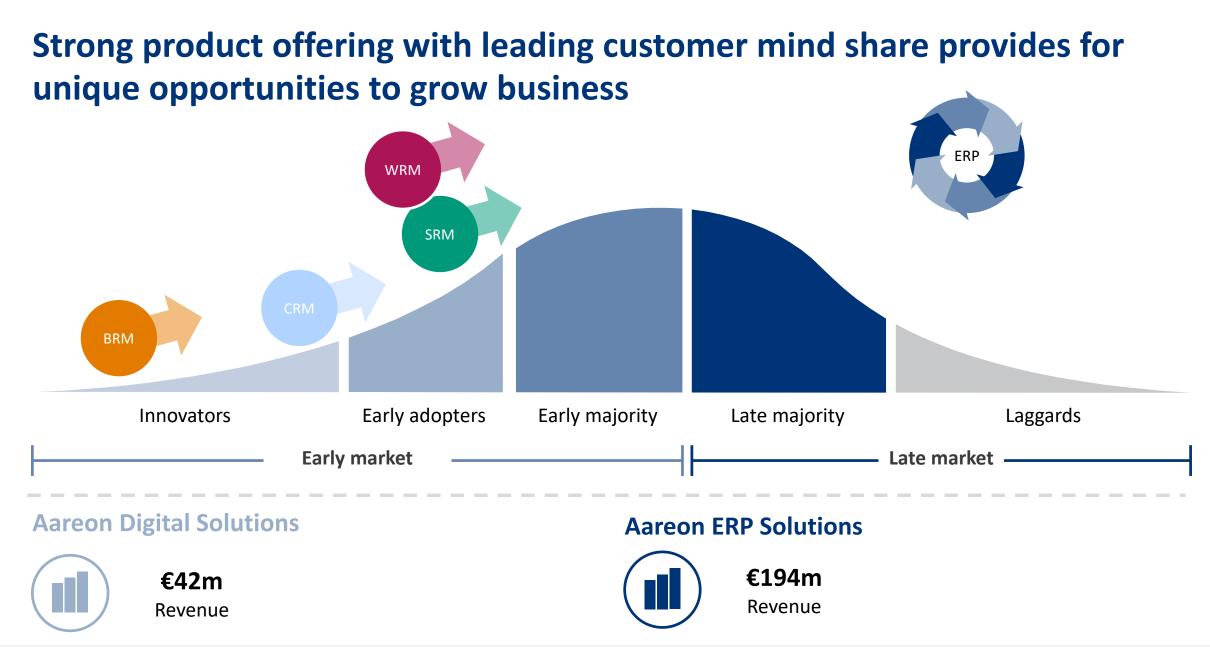


- ✓ Aareon understands the customers' needs and is able to address them with fully integrated IT solutions
- Customer commitments are the path to additional revenue growth

Note: (1) Based on MGI industry digitisation index

| 27

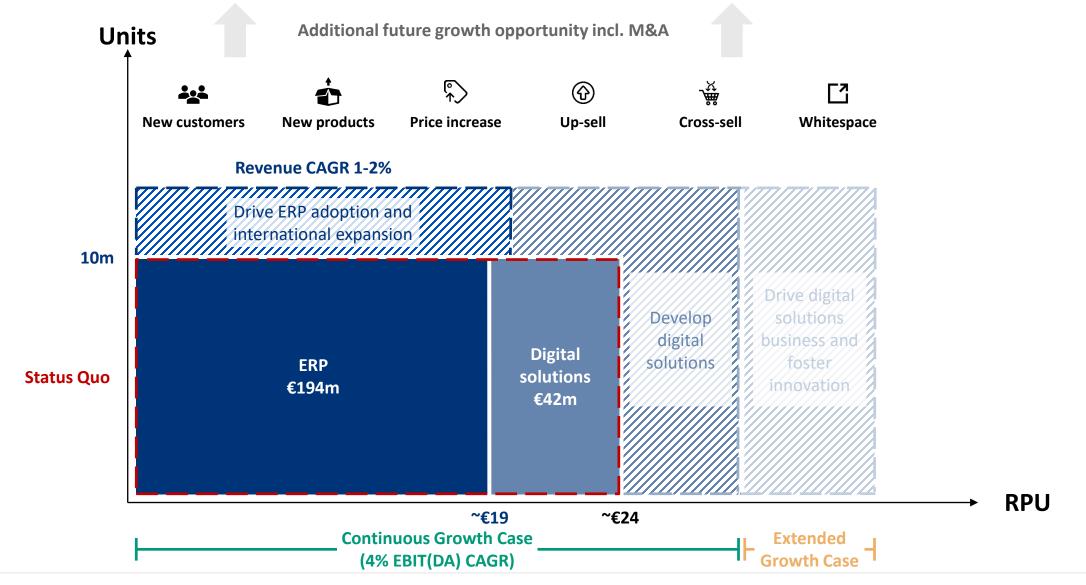




BRM = Building Relationship Management, CRM = Customer Relationship Management, WRM = Workforce Relationship Management, SRM = Supplier Relationship Management



### Significant market opportunity for continuous growth





## Optimal time to enter the next phase of the growth strategy and continue the successful path





Presented by Jürgen Junginger

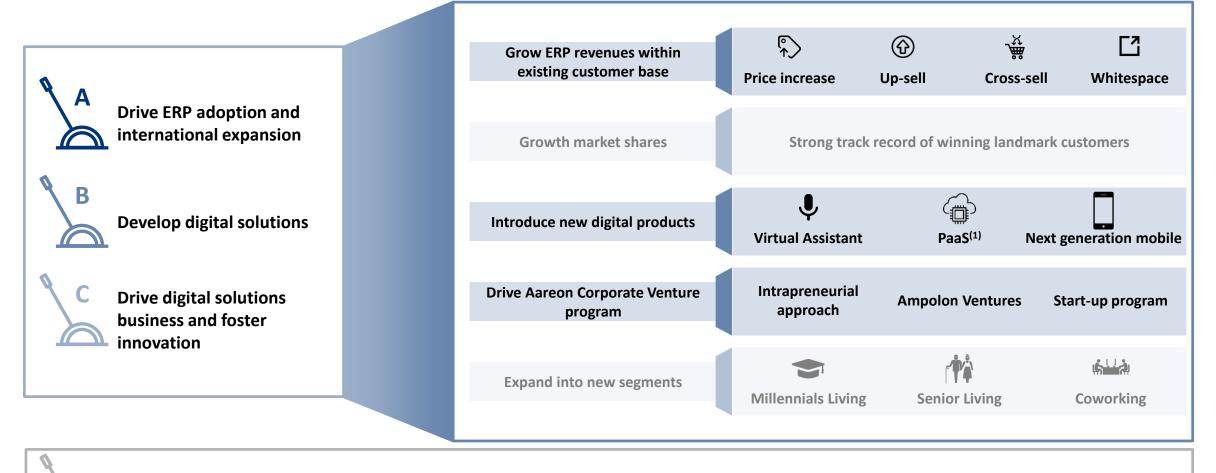




### Dr. Imad Abdallah



## Compelling growth and value creation strategy based on market specific ERP approach combined with a European digitisation strategy

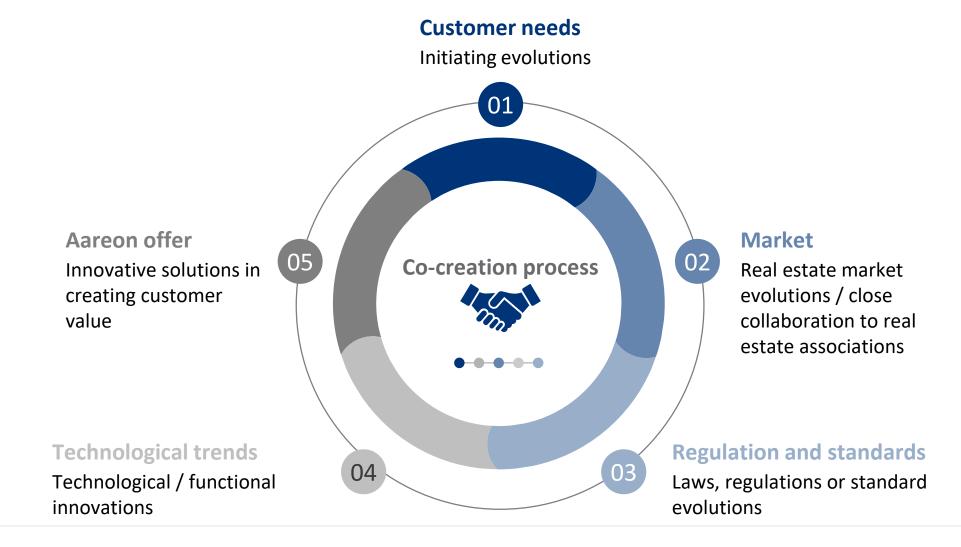


#### Pursue opportunistic M&A in Europe

Completed and successfully integrated 10 acquisitions in last 18 years with a pipeline of further deals



## Continuous development of our product suite – an integrated co-creation process with our customers











### **ERP customer engagement program**



#### **User experience** Compliance Look & feel Certification User experience Quality New concepts Security New modules / **Technological Functional** functionality enhancements enhancements Performance / Existing business New business sustainability processes processes

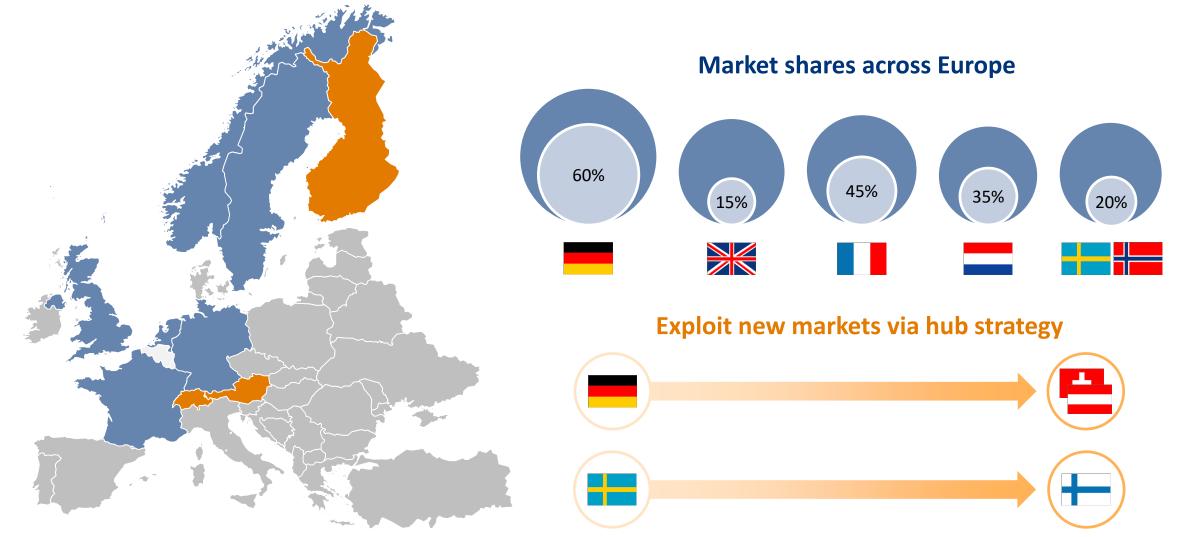
- Native cloud capacities
- Data storage
- Methods of delivery

Connectors

New subscriptions by existing ERP customer base approx. every five to ten years based on software release / changes



Further expansion in existing markets as well as new market entries drive expected ERP growth

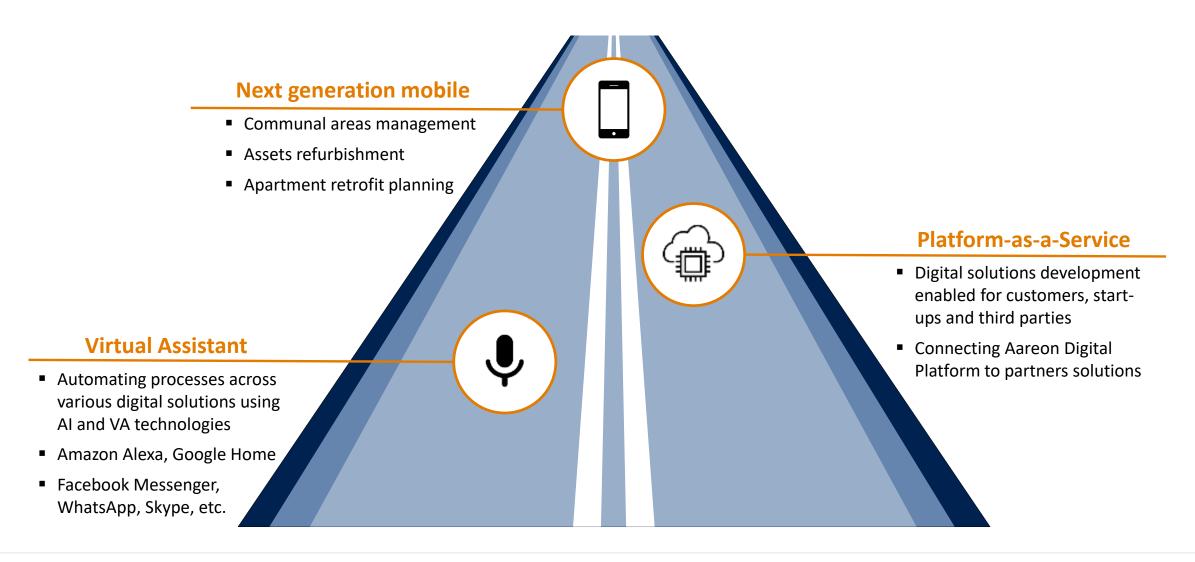




Note: Market shares based on Aareon's estimates of total units in respective geographies

#### Innovative product roadmap to further strengthen market leadership





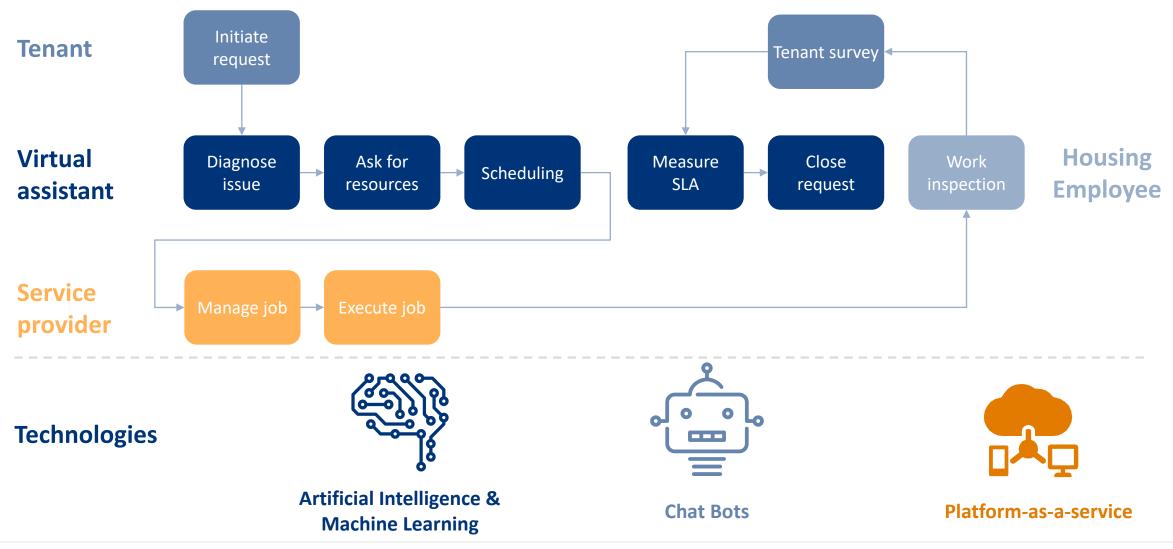


### CRM uses case for Aareon's Virtual Assistant : How to make tenant's life much easier





## CRM uses case for Aareon's Virtual Assistant : How to make tenant's life much easier





B

## Successful track record of entering new markets and driving growth through upselling

**Aareon France revenue development** Recurring 39% 39% 43% 49% 51% 56% 57% 61% 54% 54% Revenue 7% CAGR CAGR 3% CAGR 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 Digital solutions revenue ERP revenue  $\bigoplus$ 100 Market environment **Customer involvement Revenue impact** Mature market compared to other Growth mainly coming from existing Customers highly involved in the markets in Europe customer base creation process of updates and new solutions Customers have highly developed IT Revenue increase based on upselling knowledge digital products and growing recurring Many group-wide innovations come share through ERP "maintenance" from the co-creation approach with Strong political influence on social pricing model French customers housing market

A/B

#### **Discover new paths with our unique venturing program**

#### Internal

#### External

#### **Intrapreneurial approach Creating new business lines**



- Digital business
- Extending product offering
- **Disruptive technologies**



- Fully dedicated team
- **Recruiting new talents**

#### **Predictive Maintenance**

Validation phase running  $\checkmark$ 



New market 

**Ampolon Ventures** 

**Creating new start-ups** 

- New business models
- Disruptive



### segments

- technologies



### Start-up program **Partnerships and investments Selected partnerships**





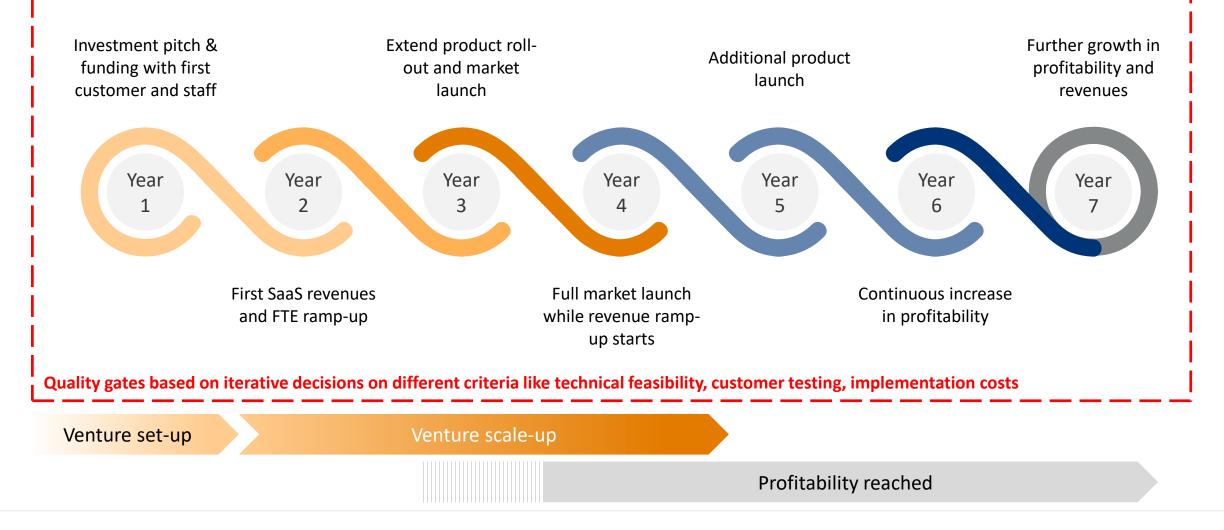




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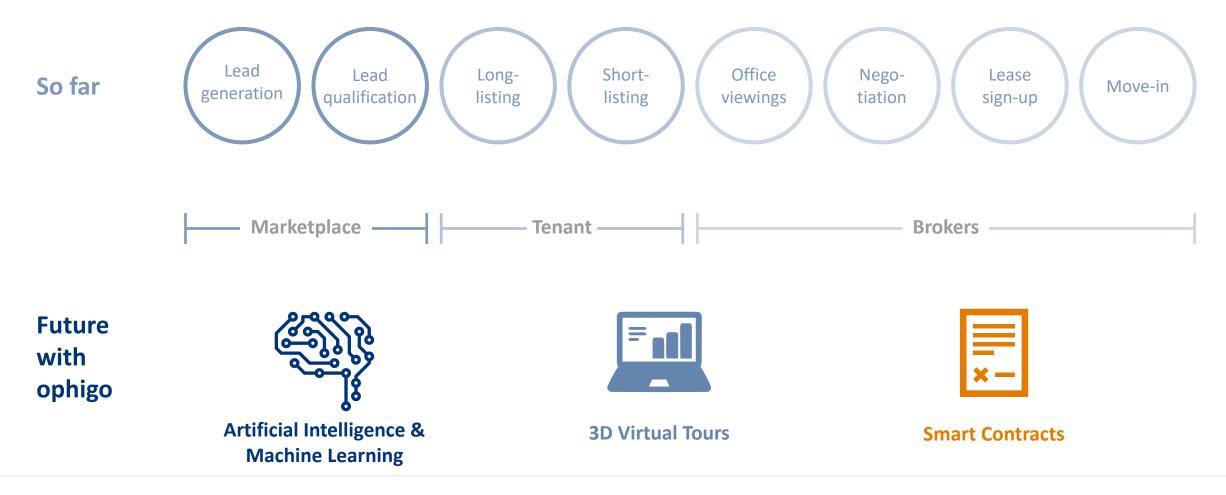


# Pipeline for our venturing program consisting of a digital product portfolio with an established process to limit investment risk





## Example: Newly funded start-up ophigo makes office finding hassle-free, transparent and supported





## Example: OSRE – latest start-up investment transforming process of connecting property to people effectively



OSRE covers the developers / constructors market segment



A digital marketing platform which covers the first sell / first rent process for newly built buildings



**Disruptive** Digitize the sales process workflow



Software can be used anytime worldwide



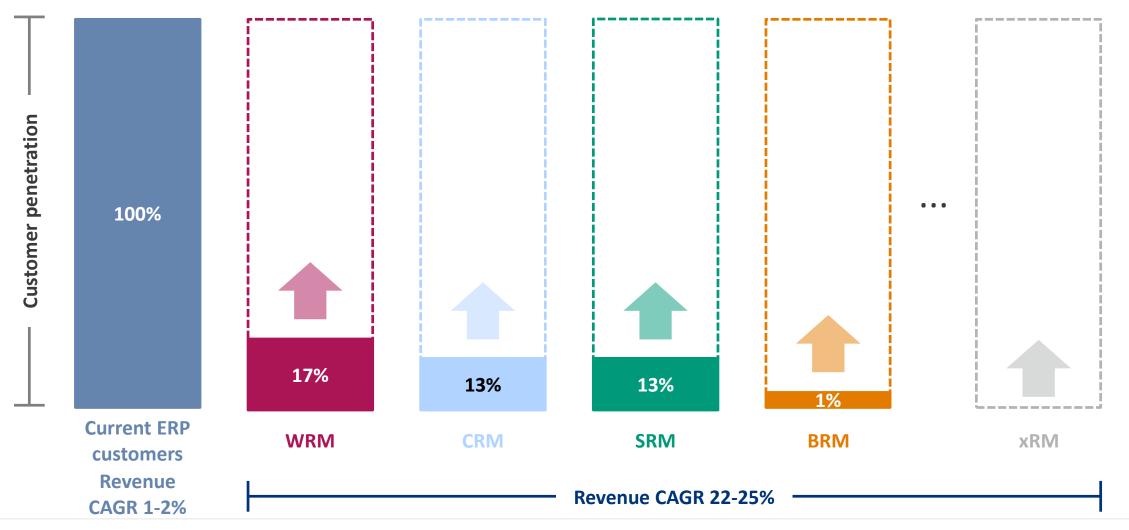
**Specific** Focused on Real Estate market



Recurrent Sold on subscription basis

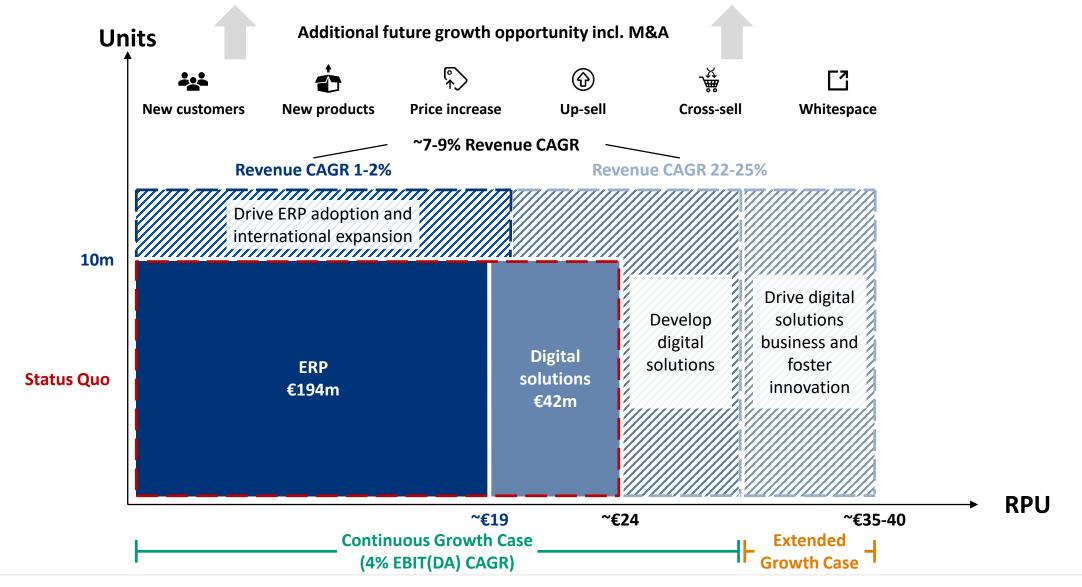


### ERP growth driven by continuous product innovation, with digital solutions growth driven by increasing market penetration



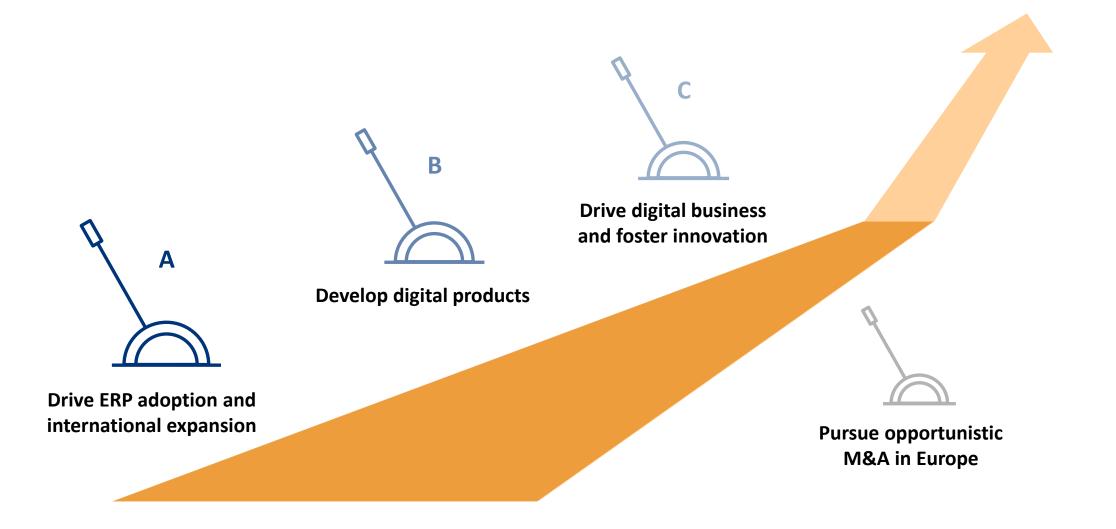
BRM = Building Relationship Management, CRM = Customer Relationship Management, WRM = Workforce Relationship Management, SRM = Supplier Relationship Management

#### Significant market opportunity for continuous growth





#### **Compelling growth strategy**



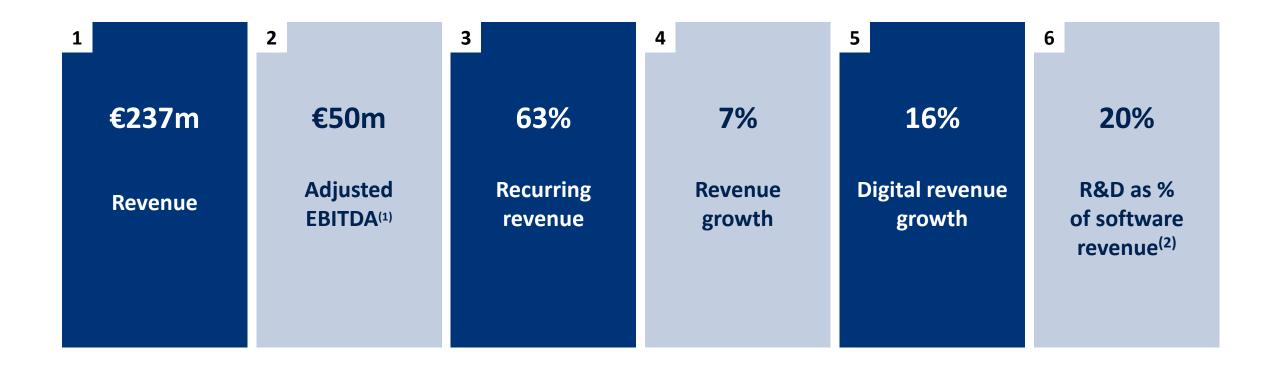




Christian M. Schmahl



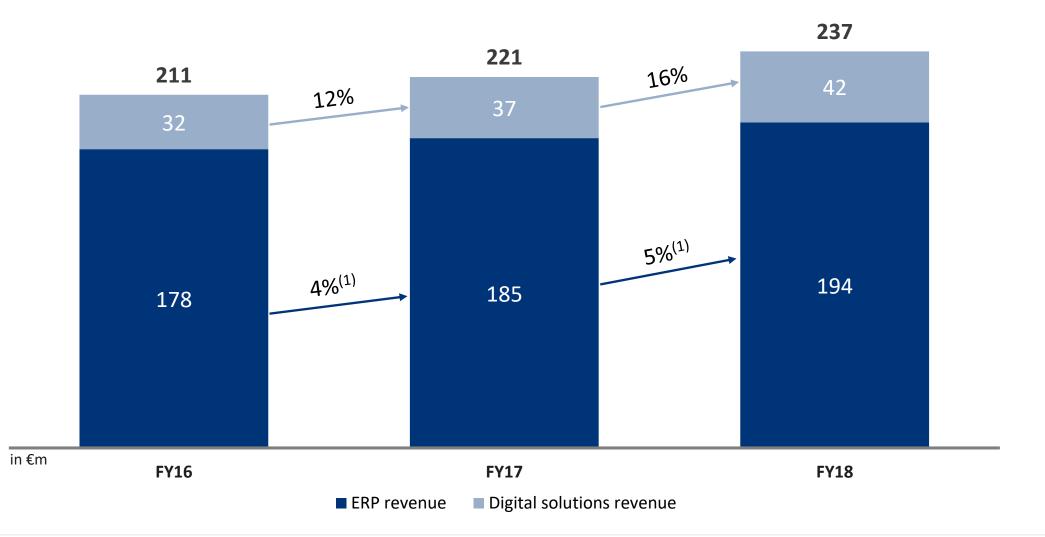
### Aareon 2018 financials at a glance: Scaled business with attractive financial profile



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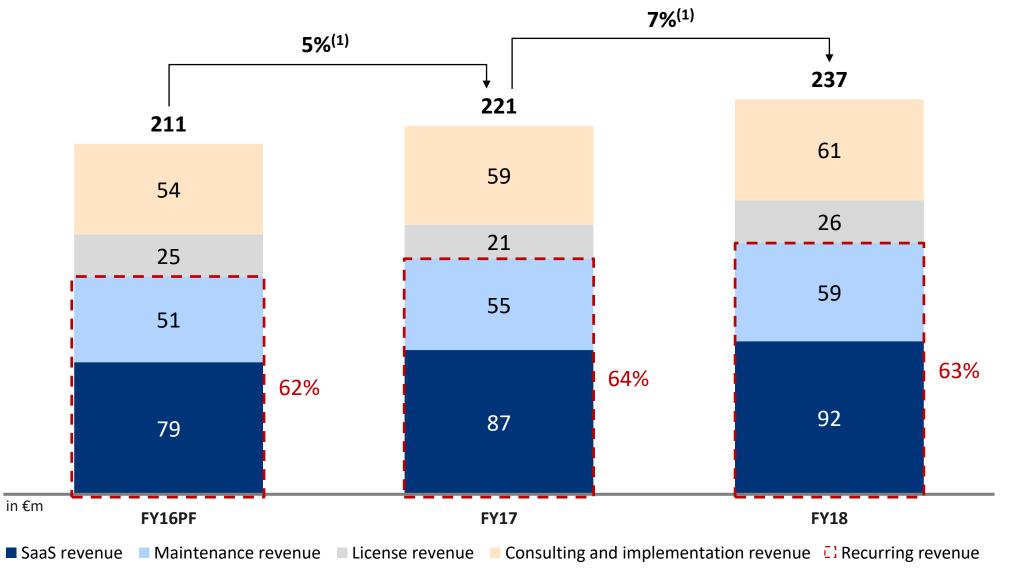


#### **Digital solutions driving revenue growth**





#### **Strong revenue growth profile**



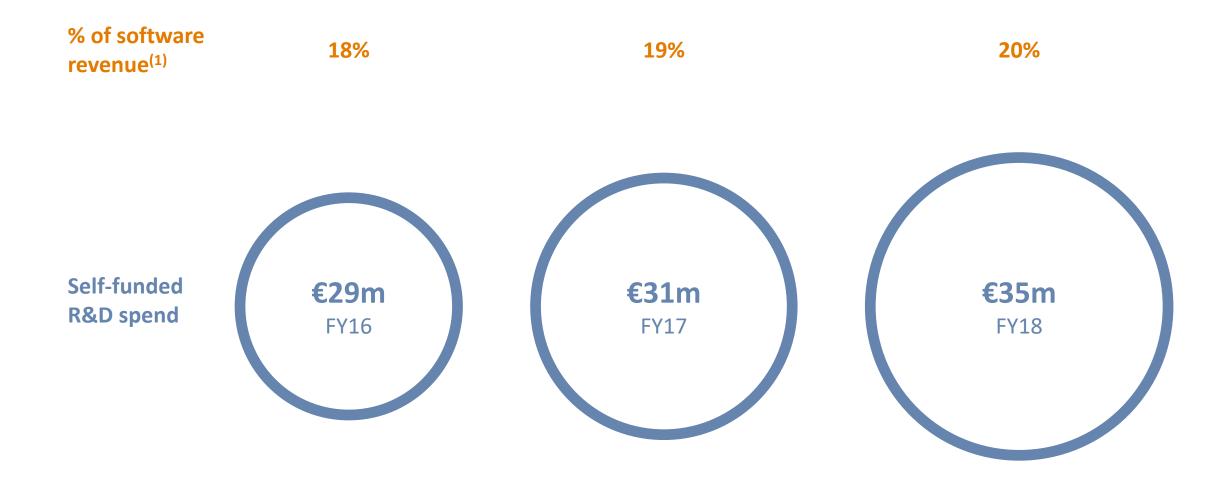
All % delta figures calculated on exact figures in €

According to our commercial model shown on slide 14

52 Note: (1) Revenue grew inorganically by 4% from FY16 to FY17 and by 3% from FY17 to FY18



#### **Continued R&D investment to maintain competitive advantage**

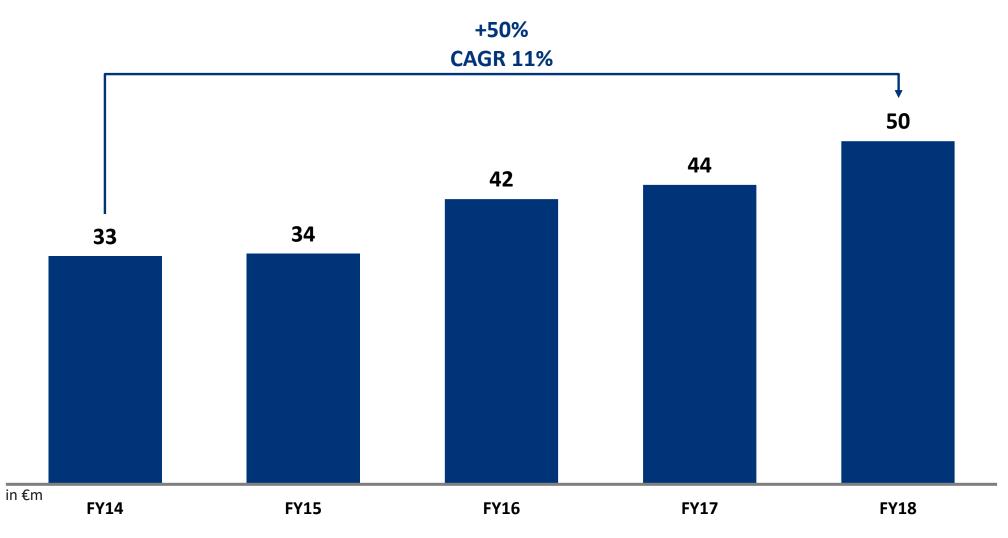


#### **Proven profitability**



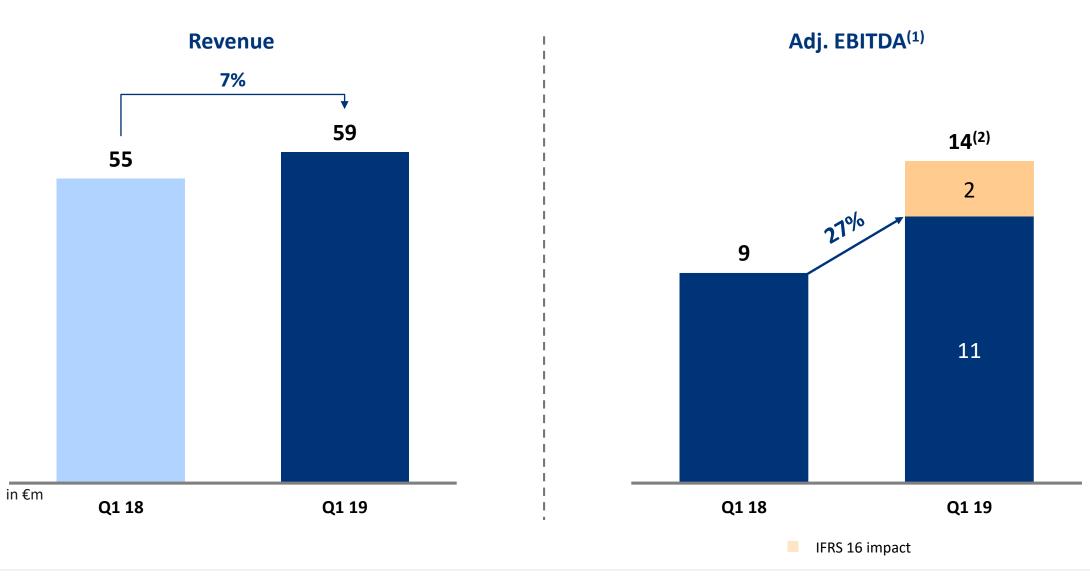


### Historical adjusted EBITDA<sup>(1)</sup> performance





#### Q1 2019 update



All % delta figures calculated on exact figures in € Note: (1) Adjusted for one-offs and other non-recurring items

| 56

(2) Addition differs from total revenues due to rounding differences

m Aareon

#### **Outlook – we aim at doubling EBITDA in mid-term**

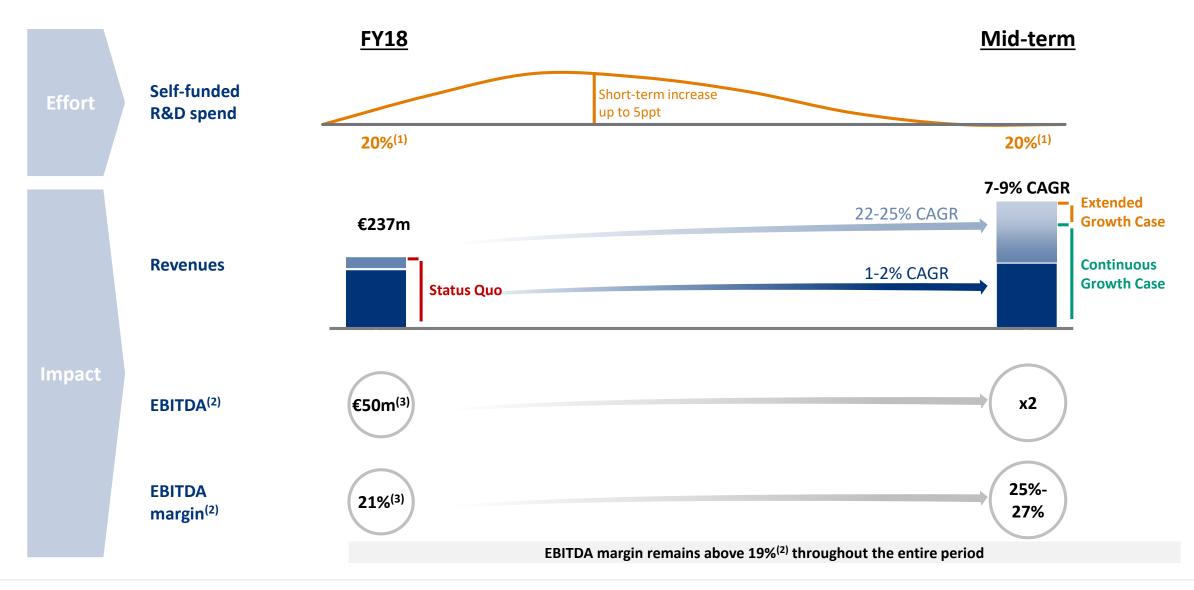
	FY16	FY17	FY18	Mid-term
Revenue growth	5% <sup>(1</sup>	) 79	%(1)	7% - 9% CAGR
Digital revenue growth	12%	1	6%	22% - 25% CAGR
				Short-term up to 25%
% R&D spend (of software revenue <sup>(2)</sup> )	18%	19%	20%	<b>20%</b>
Adj. EBITDA margin	20%	20%	21%	25% - 27% <sup>(3)</sup>

All % delta figures calculated on exact figures in € 157 Note: (1) Revenue grew inorganically by 4% from FY16 to FY17 and by 3% from FY17 to FY18 (2) Software revenues = SaaS, maintenance and license revenue

(3) Excluding IFRS 16



#### Path from present to future – we aim at doubling EBITDA in mid-term



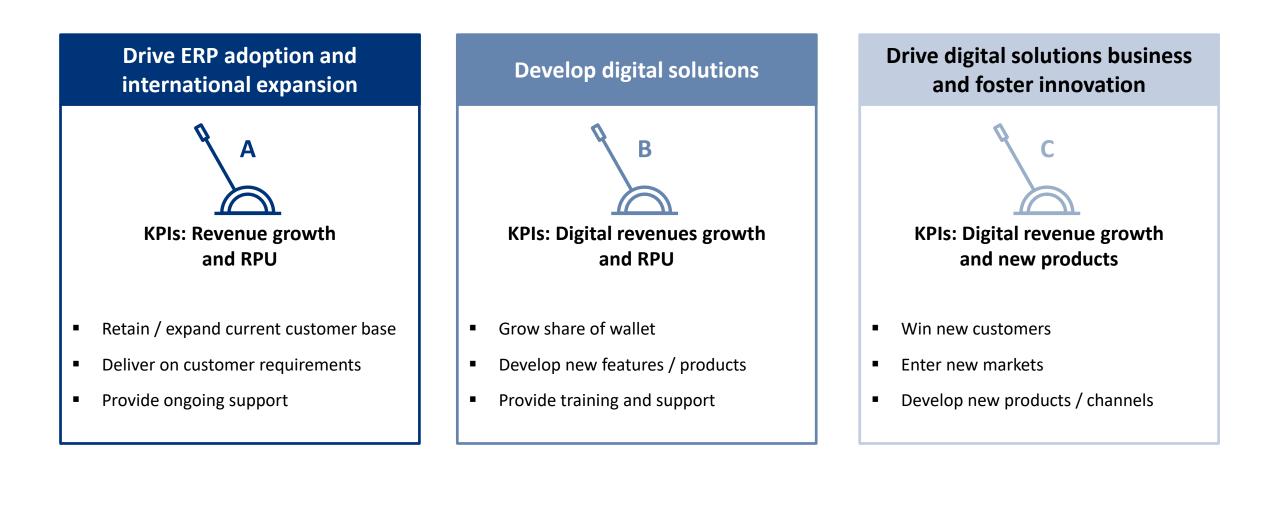
Illustrative sizing only

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Note: (1) As % of software revenues; software revenues = SaaS, maintenance and license revenue (2) Excluding IFRS 16 (3) Adjusted for one-offs and other non-recurring items



#### KPIs as milestones for developing Aareon in line with three phase model







Presented by Jürgen Junginger





Hermann J. Merkens / Dr. Manfred Alflen



#### **Equity story**

Aareon is the leading provider of ERP and digital solutions in the Real Estate industry in Europe

Solid business with high recurring revenue base and increasing profitability

Track record of building innovative Real Estate software solutions and shaping the market

Real Estate industry is ready to digitise its core work flows; large ERP customer base offers significant cross-selling opportunities

Significant growth opportunity as announced in Aareal 2020

Compelling growth strategy to drive ~2x increase in EBITDA in mid-term



### Appendix



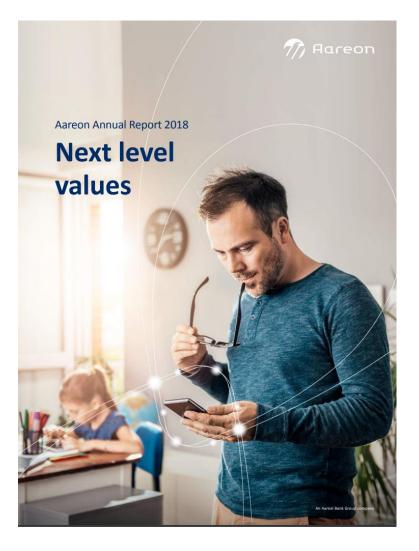
#### **IFRS reconciliation**

(in €m)	FY16	FY17	FY18	FY18 PF <sup>1)</sup>
Revenues	210.7	221.3	236.6	236.6
Operating expenses	(166.2)	(176.7)	(187.9)	(177.9)
EBITDA	44.5	44.6	48.7	58.7
Non-recurring items	2.6	0.7	(1.6)	(1.6)
Adj. EBITDA	41.8	43.9	50.3	60.3
Depreciation	(7.7)	(8.0)	(9.5)	(18.4)
Adj. EBIT	34.1	36.0	40.8	41.9
Interest expense	(0.0)	(0.3)	(0.3)	(1.7)
Adj. EBT	34.1	35.7	40.5	40.2
Cash flow from operations	34.5	26.8	29.5	39.5
Reconciliation to reported financials				
Adj. EBIT	34.1	36.0	40.8	41.9
Non-recurring items	2.6	0.7	(1.6)	(1.6)
Amortisation of acquired intangibles	(2.5)	(2.8)	(3.3)	(3.3)
EBIT	34.2	33.9	35.9	37.0
Interest expense	(0.0)	(0.3)	(0.3)	(1.4)
EBT	34.2	33.6	35.6	35.6



#### **Aareon FY18 annual report**

You can find Aareon's FY18 annual report <u>here</u>





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