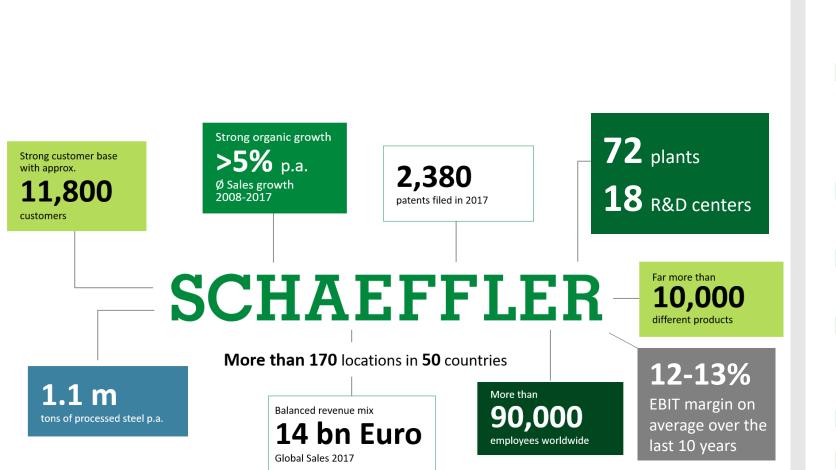


# Executing our strategy Schaeffler AG Kepler German Corporate Conference

January 22, 2019 Frankfurt

- **1** Schaeffler at a glance 9M 2018 results and current market environment
- **Z** Strategy "Mobility for tomorrow"
- **3** Excellence Program "Agenda 4 plus One"
- **4** Diversified business portfolio Our three divisions
- **D** Long-term value creation
- Summary and outlook

# 1 Schaeffler at a glance – A global automotive and industrial supplier

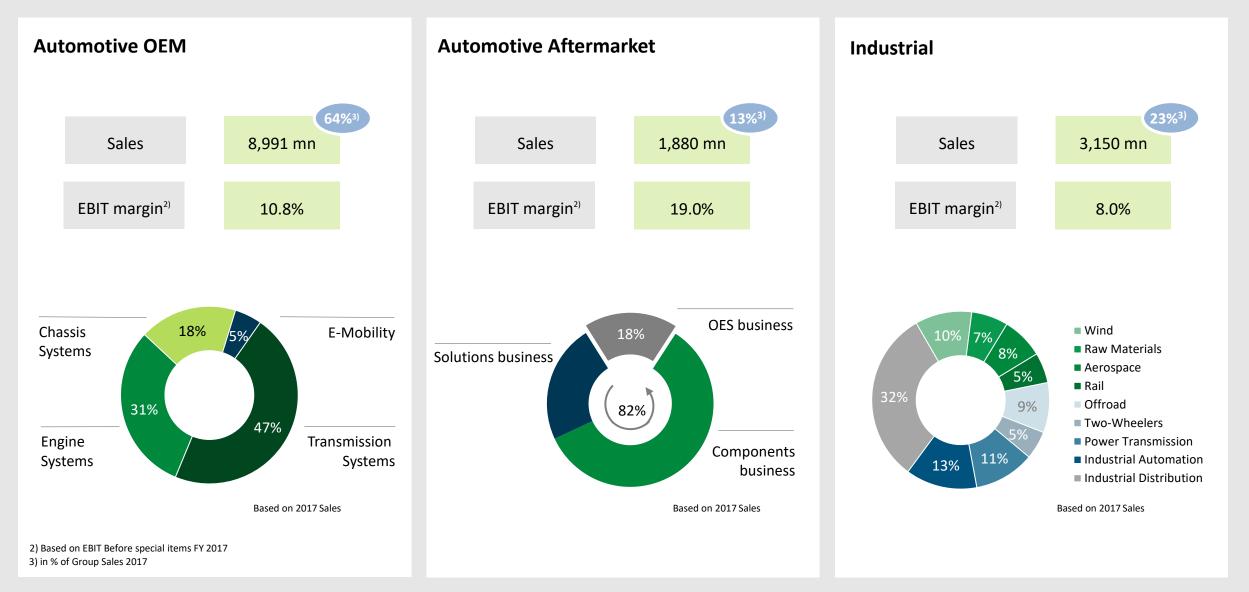


Global Automotive and Industrial supplier of high-precision components and mechatronic systems

- Quality, technology and innovation as key success factors
- Well defined strategy 'Mobility for Tomorrow'
- Above average growth and profitability with global sales of EUR 14 bn in 2017
- Well balanced customer base
- Global footprint with 72 plants and 18 R&D centers

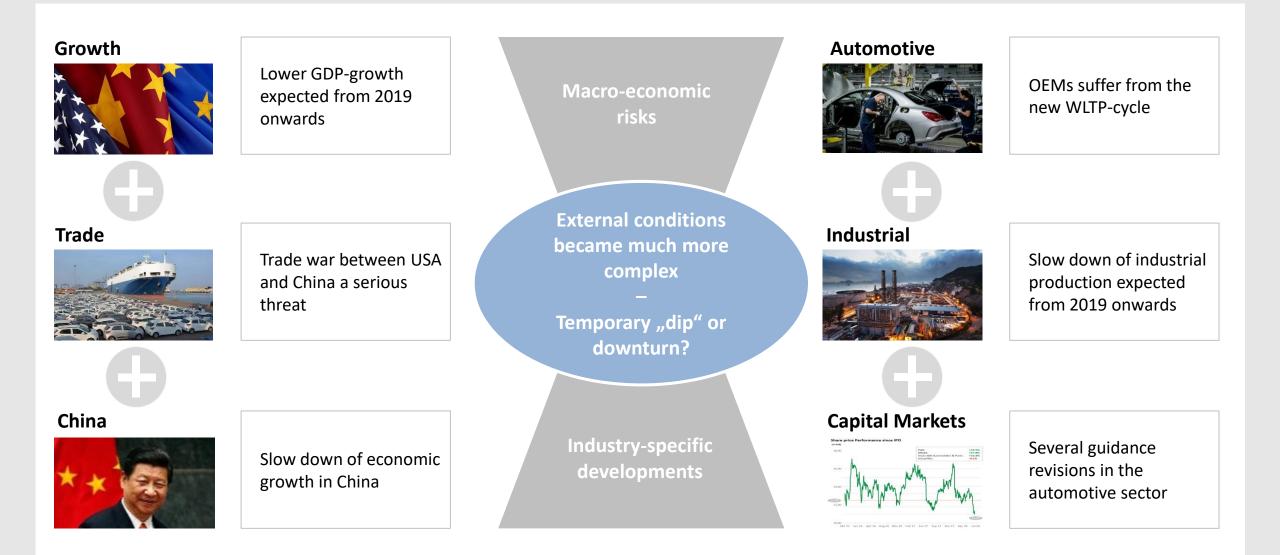
### 1 Schaeffler at a glance Schaeffler Group – Diversified business portfolio with three divisions

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### 1 Schaeffler at a glance Macroeconomic environment – Increasingly challenging and complex

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#### 1 Schaeffler at a glance 9M 2018 figures – Mixed performance in Q3

Group	Q3 18	9M 18
<b>Sales growth<sup>1)</sup></b> (in EUR mn and %)	3,521 +3.7%	10,714 +5.1%
EBIT margin <sup>2)</sup> (in EUR mn and %)	355 10.1%	1,150 10.7%
<b>Free Cash Flow<sup>3)</sup></b> (in EUR mn)	201	127
Capex-to-sales ratio	7.4%	8.0%
1) FX adjusted		

FX adjusted
 Before special items
 Before cash in- and outflows for M&A activities

Automotive OEM	Automotive AM	Industrial
Q39M2,1916,778+3.2%+4.3%	Q3 9M 476 1,401 -3.0% +1.3%	Q3 9M 854 2,535 +9.4% +9.8%
Q3 9M 172 596 7.9% 8.8%	<b>Q3 9M</b> 80 256 16.8% 18.3%	Q3         9М           103         298           12.1%         11.8%

#### Key aspects Q3 2018

- Automotive OEM with decreasing margin due to weakness in China and negative mix
- Automotive Aftermarket sales decline due to high comps and weaker than expected demand in Europe
- Industrial very strong quarter, both in terms of sales and EBIT margin
- Lower than expected FCF due to lower earnings quality and higher inventories

#### 1 Schaeffler at a glance Guidance FY 2018 – We confirm our November update

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Group Guidance		Divisional Guidance							
	Group	Automotive OEM	Automotive AM	Industrial					
<b>Sales growth<sup>1)</sup></b> (in %)	+4-5%	+3.5-4.5%	+1.5-2.5%	+8-9%					
<b>EBIT margin<sup>2)</sup></b> (in %)	9.5-10.5%	8-8.5%	17-17.5%	10.5-11.0%					
Free Cash Flow <sup>3)</sup> (in EUR mn)	EUR ~300 mn								

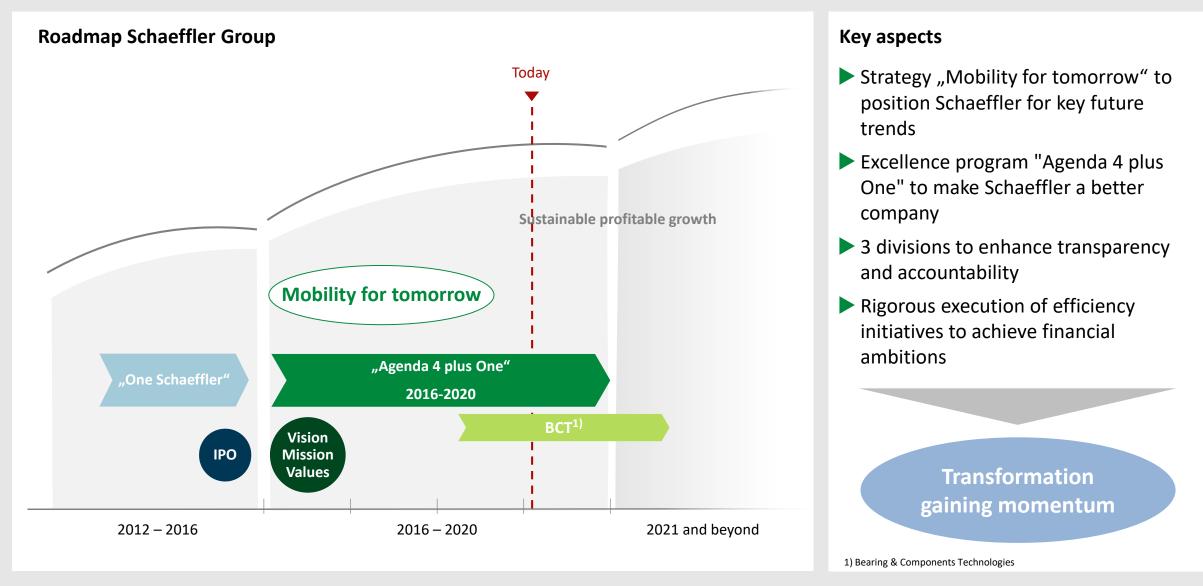
## Market assumptions<sup>4)</sup>

- Automotive: Global Light Vehicle production growth revised down from around 2% to around 0.5%
- Automotive Aftermarket: Stable growth in the global vehicle population and a nearly unchanged average vehicle age
- Industrial: Similar growth rate of industrial production in 2018 compared to 2017

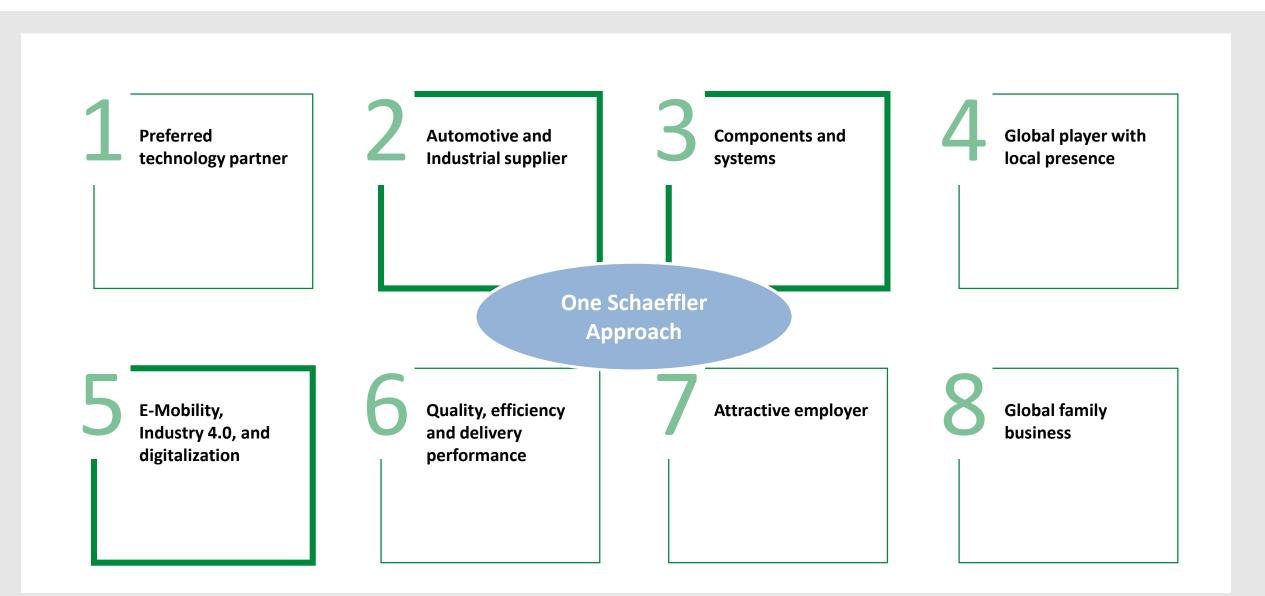
FX adjusted
 Before special items
 Before cash in- and outflows for M&A activities

4) As of October 30, 2018

## 2 Strategy "Mobility for tomorrow" Schaeffler Roadmap 2016-2020 – Transformation gaining momentum

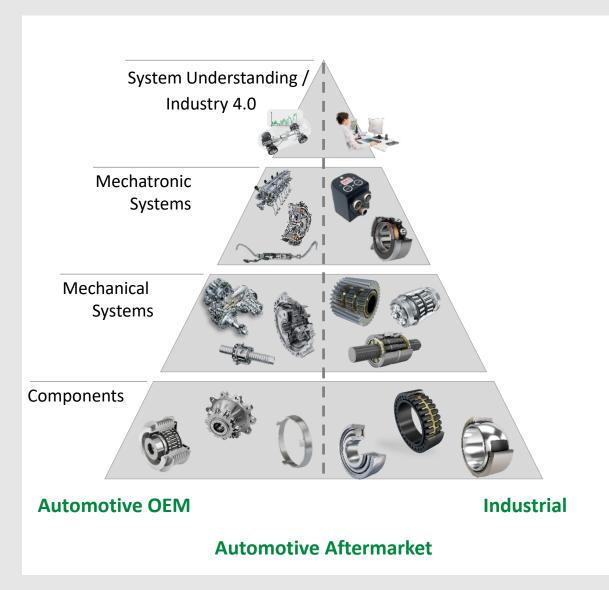


# 2 Strategy "Mobility for tomorrow" – 8 strategic pillars



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#### 2 Strategy "Mobility for tomorrow" Automotive and Industrial supplier – both in Components and Systems



#### Key aspects

- Long-standing experience in development and manufacturing of best-in-class mechanical components
- Proven system-level understanding enabling integration of components into powerful mechatronic systems

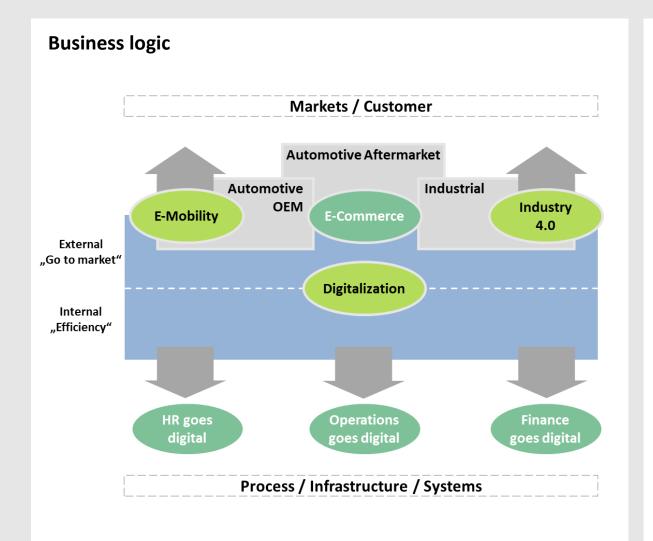
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Ability to combine systems know-how across all three divisions into new innovative product and service offerings

Systems understanding as a key success driver

#### 2 Strategy "Mobility for tomorrow"

## E-Mobility, Industry 4.0 and Digitalization – Focused on future opportunities



## Key aspects

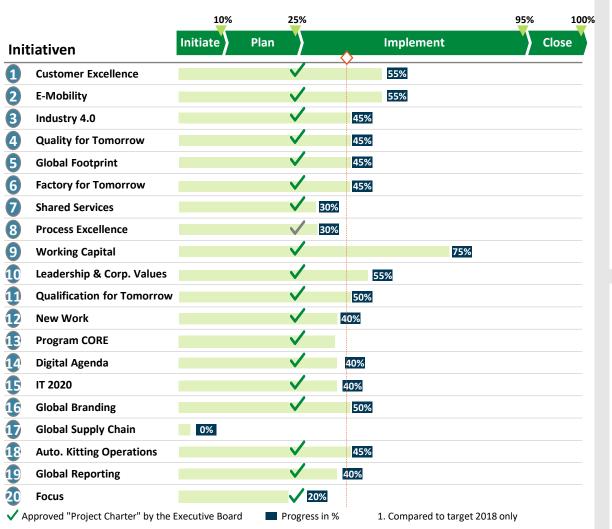
E-Mobility, Industry 4.0 and Digitalization as key growth opportunities for the long-term future

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- E-Mobility, Industry 4.0 and Digitalization are three key initiatives of our Agenda 4 plus One
- Digitalization relevant for external "Go to market", but in particular for optimizing our internal efficiency

Excellence Program "Agenda 4 plus One"

#### 3 Excellence Program "Agenda 4 plus One" Excellence program "Agenda 4 Plus One" – Making Schaeffler a better company

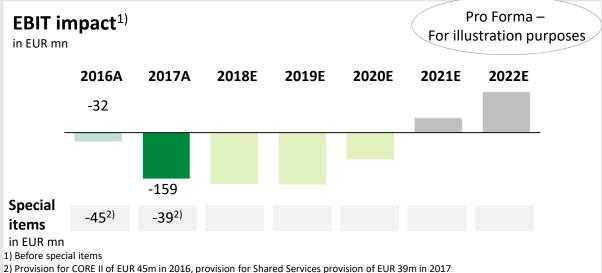


#### **Key aspects**

Comprehensive program with 20 initiatives started in Q2 2016

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- All initiatives in implementation, overall Completion ratio of 50% as of September 2018
- EUR 300 mn profitability improvement target until 2022 (improvement compared to FY 2017)



## 12 January 22, 2019

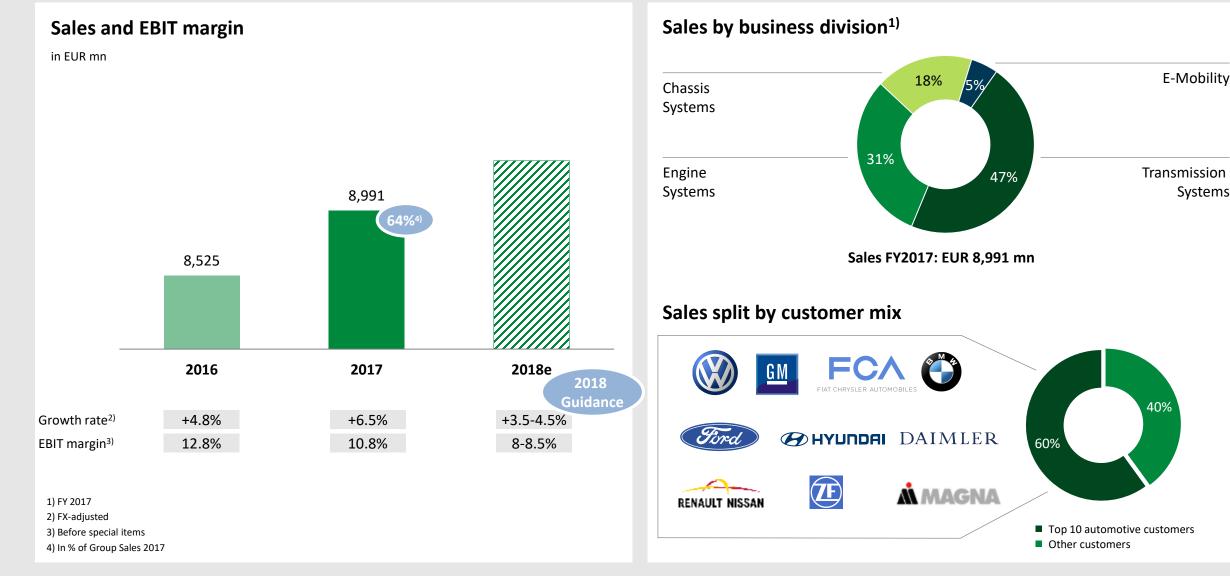
	Start Date	Cost Efficiency Target	HCO <sup>1)</sup> Reduction Target	Restructuring Cost	Full Financial Impact	Focus	Completion Ratio
CORE I	10/2015	~ EUR 40 mn	-500	EUR 36 mn booked in 2015	12/2018	Industrial	100%
CORE II	10/2016	~ EUR 80 mn	-400	EUR 45 mn booked in 2016	12/2019	Industrial	>50%
Shared Services	10/2017	~ EUR 25 mn	-100	EUR 39 mn booked in 2017	12/2022	Group	35%
BCT <sup>2)</sup>	5/2018	~ EUR 60 mn	-1,000	EUR [50] mn <sup>3)</sup>	12/2021	Auto OEM/ Industrial	5%
+		FCF Improvement Target					
Working Capital <sup>4)</sup>	4/2016	~ EUR 350 mn	-	-	12/2020	Group	75%
Supply Chain <sup>5)</sup>	8/2018	to come	-	-	12/2021	Group	0%

2) On-top initiatives outside of Agenda 4 plus One

4) Focused on Trade Payables and Receivables

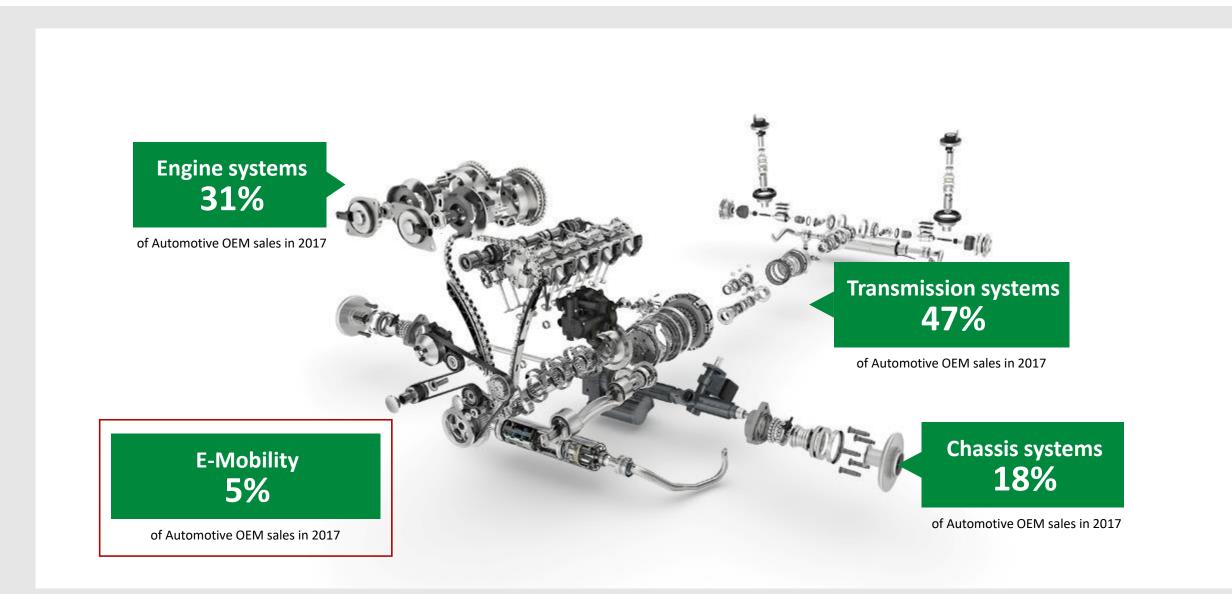
5) Focused on delivery performance and inventories





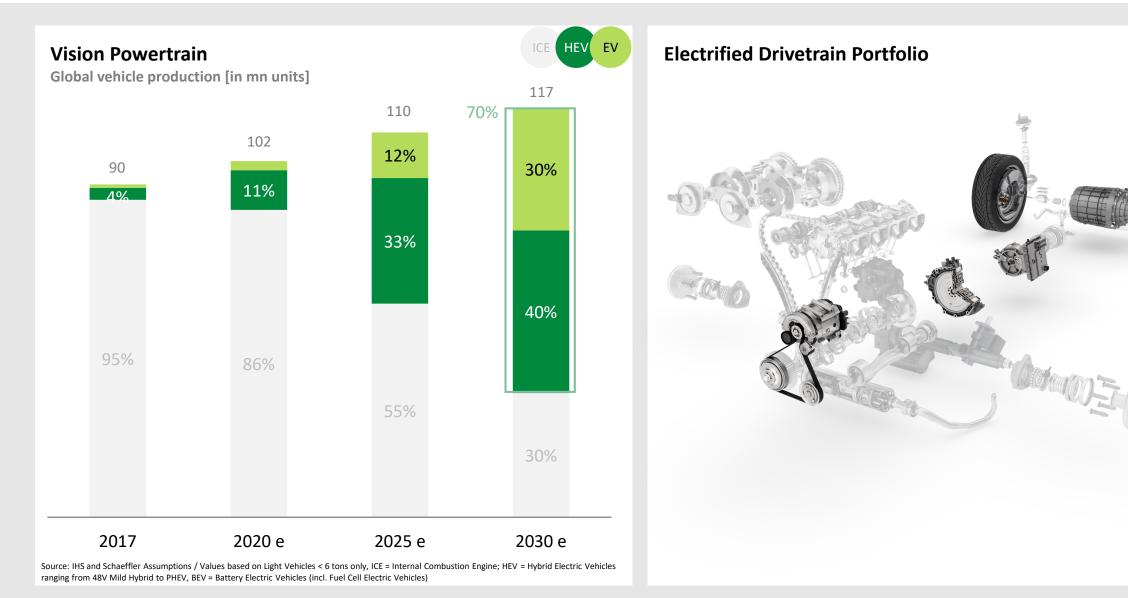
4 Diversified business portfolio – Our three divisions

## 1 Automotive OEM product portfolio – Broad drivetrain know-how

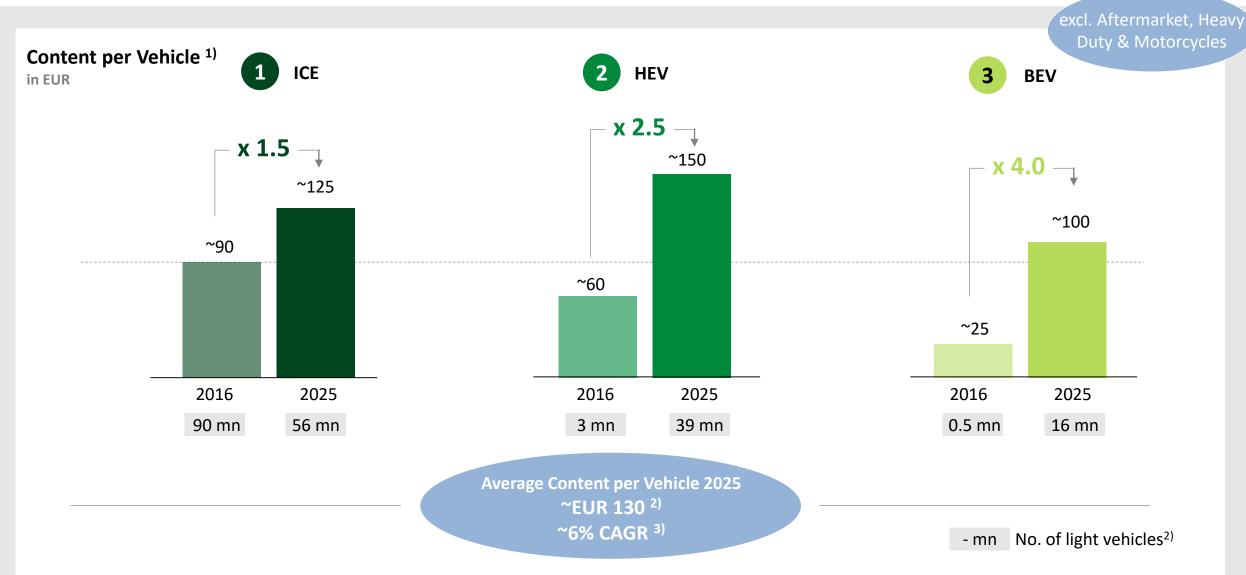


#### 4 Diversified business portfolio – Our three divisions

## 1 Mobility for Tomorrow – Our E-mobility Strategy





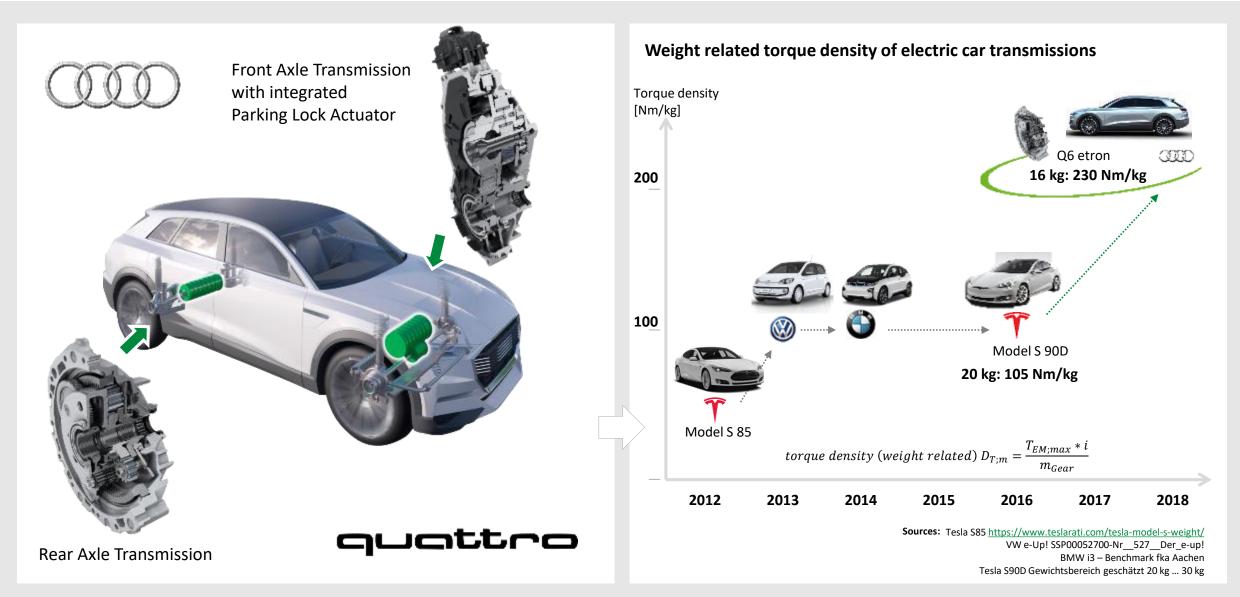


<sup>1)</sup> Average Schaeffler Content per light Vehicles produced world wide (excluding Aftermarket, Heavy Duty & Motorcycles content)<sup>2</sup> according to Schaeffler Accelerated Scenario<sup>3</sup> Market Growth 2016-2025: 1.8% (Source: IHS; July 2017) + Content per Vehicle growth ~4%

January 22, 2019

#### 4 Diversified business portfolio – Our three divisions

## Automotive OEM – Schaeffler e-Axle transmission is driving the brand new Audi eTron Quattro



## 4 Diversified business portfolio – Our three divisions P2 Hybrid Modules: Variants & Portfolio Roadmap

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#### **Generation 2**

highly integrated Hybrid Modules for Mild-, Full- and Plugin Hybrid applications



integrated dry K0 clutch

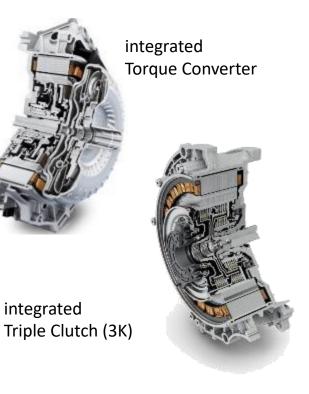


integrated wet K0 clutch

January 22, 2019

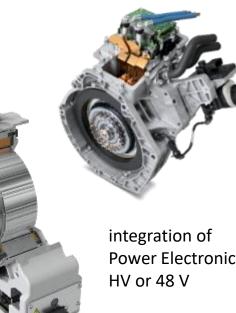
#### **Generation 3**

integration of Start-up element to further reduce required design space and system costs



#### **Generation 4**

integration of power electronics to further reduce packaging requirements and costs



**Target SOP 2020/21** 

**Power Electronics** 

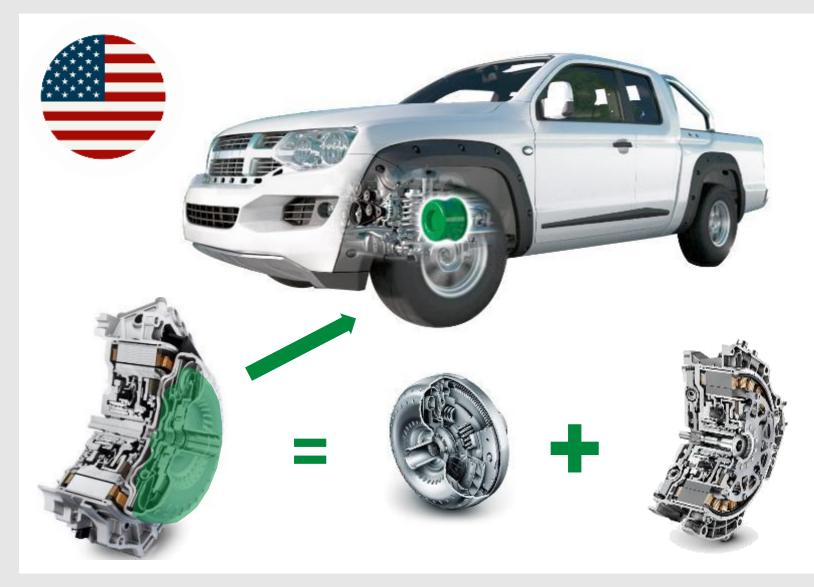
## in series production

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SOP Q4/2018

# 4 Diversified business portfolio – Our three divisions 1 P2 High Voltage Hybrid Module with integrated torque inverter

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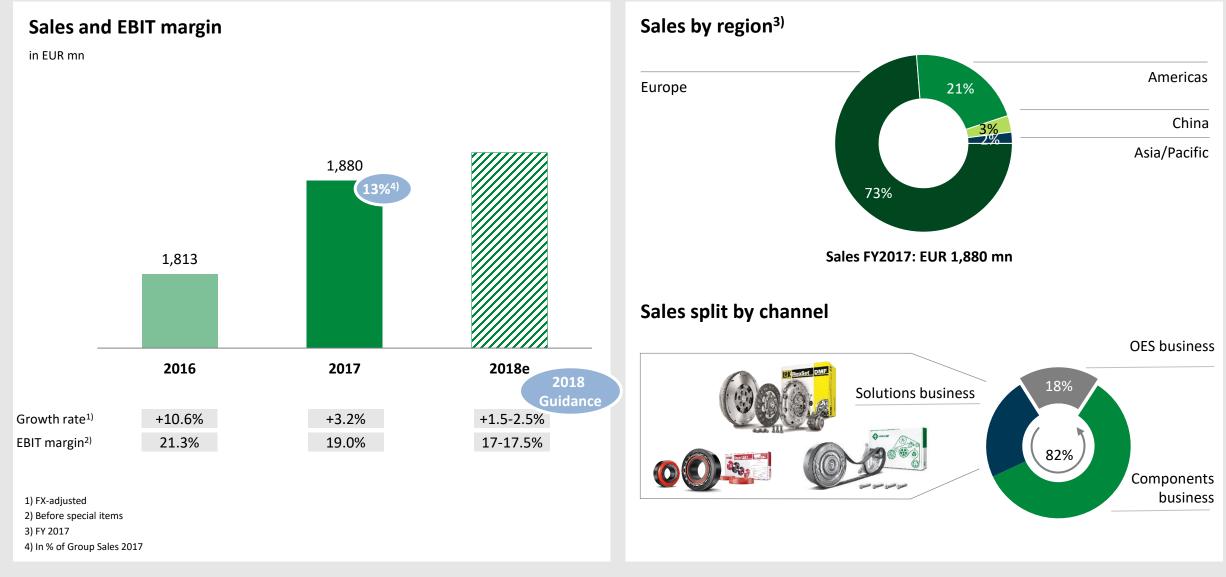
Top facts of P2 HV Hybrid Module with integrated torque converter:

- High E-motor constant power up to 70 kW with active oil cooling at rotor and stator
- ICE torque up to 600 Nm; TC input to 700 Nm
- Compact design requires significantly less space than conventional P2 architecture
- Combined optimization of the damping system
- Available for the first time in 2020 in North America

Market specific solutions based on Schaeffler core Know-How in Transmission Systems

4 Diversified business portfolio – Our three divisions

## 2 Automotive Aftermarket – At a glance



#### <u>4</u> Diversified business portfolio – Our three divisions

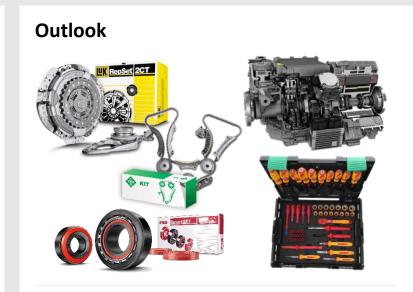
## Growth drivers in the Independent Aftermarket – Components and Solutions



- Traditional business with replacements parts
- Growing with global vehicle fleet
- Growing with average vehicle age



- Complete sets and kits for plug n' play repair solutions
- Increasing vehicle complexity leads to increasing need for information on workshop level
- Total repair costs are dominated by labour costs, driving more and more comprehensive, all-in-one quality repairs

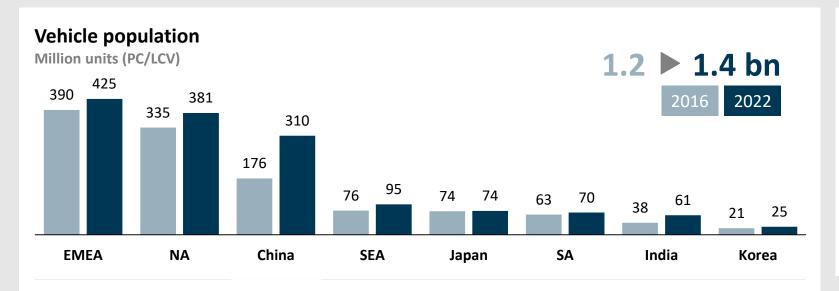


- Trends in OEM business fuel future Aftermarket potential
- Repair solutions will remain core growth driver going forward
- Additional aftermarket potential from intelligent repair solutions for E-axles and hybrid modules

#### 4 Diversified business portfolio - Our three divisions

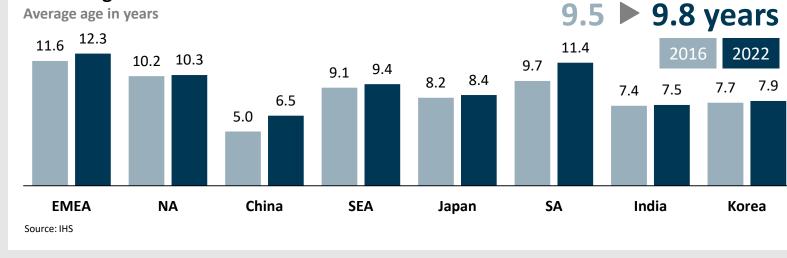
## Our markets continue to grow – China offering great long-term potential

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#### Vehicle age

2

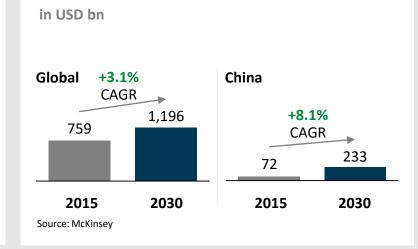


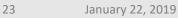
#### Key growth drivers

Global vehicle fleet will grow at 3.4% CAGR 2016-2020

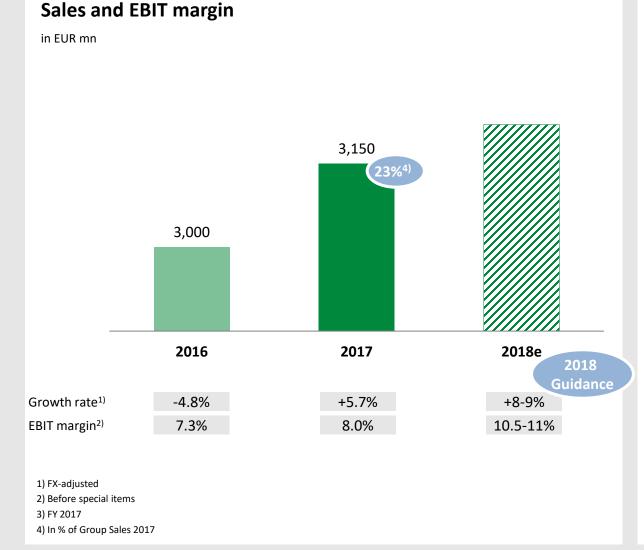
**Total aftermarket revenues** 

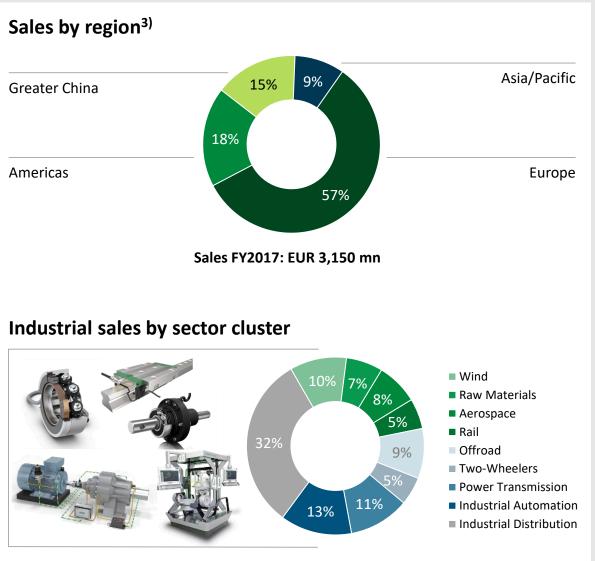
- Vehicle age will continue to grow, especially in China & South America
- Total aftermarket revenues globally will grow from USD 759 bn to USD 1,196 bn (+3.1% CAGR 2015/2030)











#### 4 Diversified business portfolio - Our three divisions

#### Broad range of standard and customized products 3



Cronitect-hybrid bearing – Bicycle

Heavy duty CRB -Construction Machin.

Coated SRB -Windpower rotor bearing

Wheelset bearing -Highspeed trains

"Slimline" drawn cup NRB – Gearbox

Six-row linear recirculating ball bearing -Machine Tool

Spherical plain bearing with special sensorized linear guide coating - Marine RUE 4.0 – Machine Tool

Sensorized rotary

table bearing &

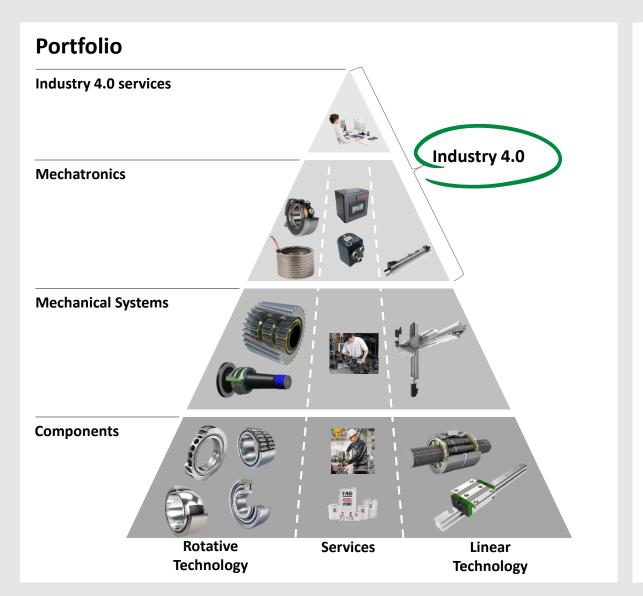
Linear System -Industrial Automation

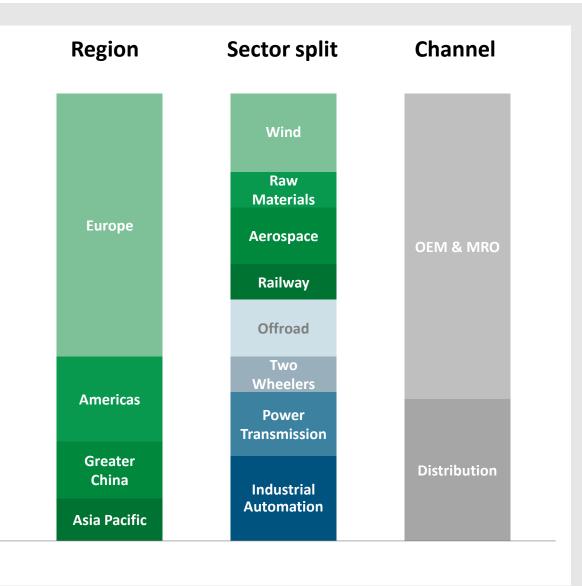
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Customized product business

<u>4</u> Diversified business portfolio – Our three divisions

## **3** Business porfolio – From components to Industry 4.0

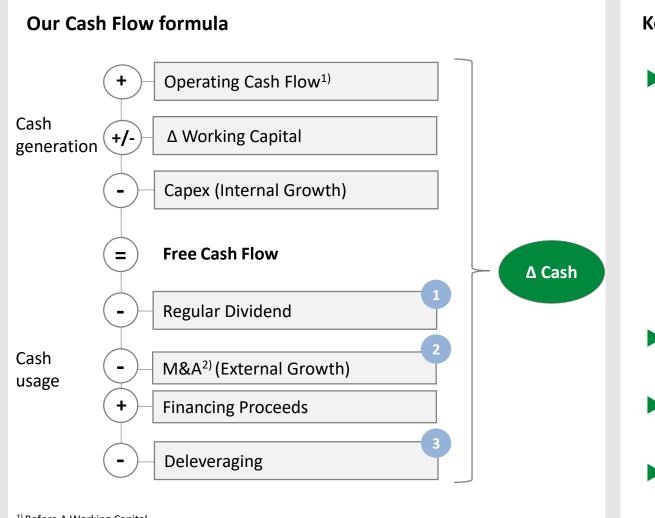




## 5 Long-term value creation

## Use of cash – Focus on future growth and attractive dividend

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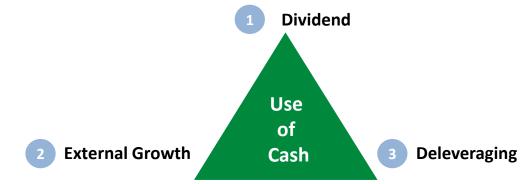
<sup>1)</sup> Before  $\Delta$  Working Capital

27

<sup>2)</sup> Including one-off long-term investment projects (i.e. Real estate)
<sup>3)</sup> Adjusted for one-offs

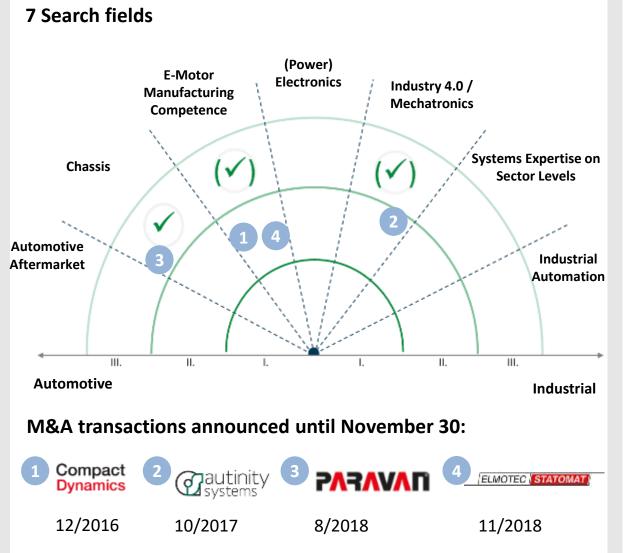
### Key aspects

Strong cash flow generation from operating business and 3 main uses of cash:



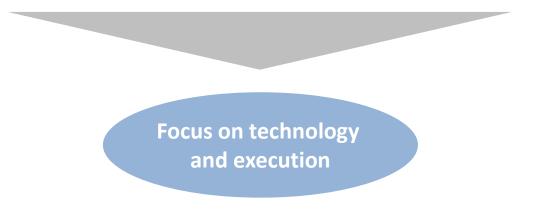
- Above average annual dividend pay-out (30-40% of net income<sup>3</sup>)
- Internal growth financed from operating cash-flow, external growth primarily by debt
- Sound balance sheet, sufficient financing headroom to target external growth

## M&A strategy – Focus on technology and execution



### Key aspects

- Clearly defined M&A strategy based on 7 search fields with focus on technology, innovation and smaller add-on acquisitions
- Target transaction sizes to vary between EUR 100 EUR 500 mn, strategic/cultural fit and value contribution as most important acquisition criteria
- 4 acquisitions made so far, growing M&A pipeline, disciplined execution is key to success

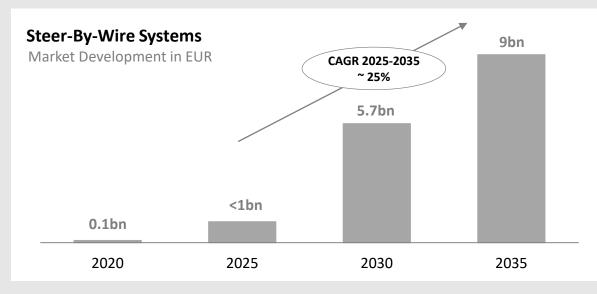


## <sup>5 Long-term value creation</sup> Steer by wire acquisition – Positioning our Chassis business for autonomous driving growth potential

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#### Steer by wire – Key aspects

- Steer by wire is a key-enabling technology for the fast-growing market segment autonomous driving
- Paravan's unique SPACE DRIVE technology is the only Steer-By-Wire System in the market which:
  - is road approved (> 500 Mio. Kilometers)
  - meets latest safety regulation standards
  - can operate also braking and secondary vehicle functions
  - can be scaled in to mass production



SpaceDrive enables save autonomous driving via its redundant structure



#### Acquisition – Key aspects

- Schaeffler acquires "Drive by wire"-technology from Paravan and its founder Roland Arnold
- Schaeffler establishes Joint Venture with Paravan founder (90%/ 10%) to develop and further industrialize the technology
- Acquired technology allows Schaeffler to enter the very attractive and fast-growing "Drive by wire"-market in an accelerated manner
- Closing in Q4 2018

#### <sup>5</sup> Long-term value creation Elmotec Statomat acquisition – Another key step in our E-mobility strategy

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#### **Elmotec Statomat – Key aspects**

- Elmotec is a pioneer in the production of stator manufacturing machines and one of the leading suppliers of machines for the production of stators for electric motors, alternators and generators
- The headquarter of Elmotec Statomat GmbH is located in Karben near Frankfurt am Main (Germany). Elmotec has around 200 employees
- Elmotec has been focusing on the round wire, flatwire and continuoushairpin process technologies, and holds over 50 patents for innovative winding technology (e.g. wave-winding)

#### Innovative technology & production processes



#### Expertise in winding-technology for E-Mobility



Round wire winding



#### Flat wire wave-winding

Continuous Hairpin winding

#### Acquisition – Key aspects

- Schaeffler acquires 100% of Elmotec Statomat GmbH from its two founders who remain in charge operationally
- Elmotec Statomat will be integrated within the E-Mobility business division
- The acquisition complements Schaeffler's E-Motor mass production and industrialization capabilities
- Closing expected in Q1 2019

## Elmotec Statomat acquisition – Closing the technology gap for mass production

Stator Manufacturi	ng Processes*	ELMOTEC	STATOMAT	-	_					
stamping SCHAEFFLER	packetizing BUY (option for MAKE)	Slot insulating Compact Dynamics	copper wire forming	Slot closure Compact Dynamics	mechanical fixing & thermal cond.	contacting SCHAEFFLER	insulating of el. contacts SCHAEFFLER	joining temp. sensors SCHAEFFLER	joining stator / carrier SCHAEFFLER	testing Stator EOL
Rotor Manufacturi	ng Processes*					•		in series produc	tion at Schaeffle	er today
stamping		joining magnets	joining rotor / shaft	balancing	magnetizing & testing	testing Rotor EOL	_	prototyping ma		
SCHAEFFLER	BUY (option for MAKE)	SCHAEFFLER	SCHAEFFLER	SCHAEFFLER	SCHAEFFLER	IDAM Compact Dynamics	→ 🗖	ext. supplier tec Production Tech		-
SCHAEFFLER E-Motor with wave-winding technology					for production	processes technology ga	p	Re	ady to produce by 20	

31



FY 2018 guidance confirmed despite increasingly challenging and complex environment



We are executing on our strategy – "Agenda 4 plus One" excellence program drives our transformation, well on track



Diversified business portfolio with focus on future drivers – E-mobility, Industry 4.0 and regional expansion in Automotive Aftermarket



Value creation – 30-40% dividend payout policy unchanged, more selective CapEx allocation, diligent execution of compelling M&A strategy

Adapting execution to a more complex market environment



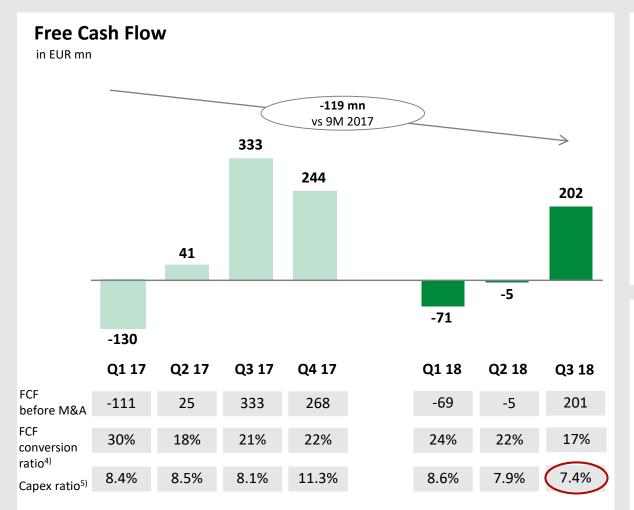
Currently working on a comprehensive plan to enhance our long-term competitiveness in Automotive OEM, while preserving our flexibility



FY 2019 guidance and revised 2020 Financial Targets will be communicated on March 6th

#### Backup Free Cash Flow before M&A Q3 at EUR 201 mn – Capex Ratio Q3 at 7.4%





1) Including payments for legal cases and restructuring measures

2) Capex in major logistic projects Aftermarket Kitting Operation (AKO), European Distribution Center (EDC) and initiative Focus

3) Cash in- and outflows for M&A activities

4) LTM FCF before M&A divided by LTM EBITDA before special items

5) Capex in % of sales

#### Key aspects

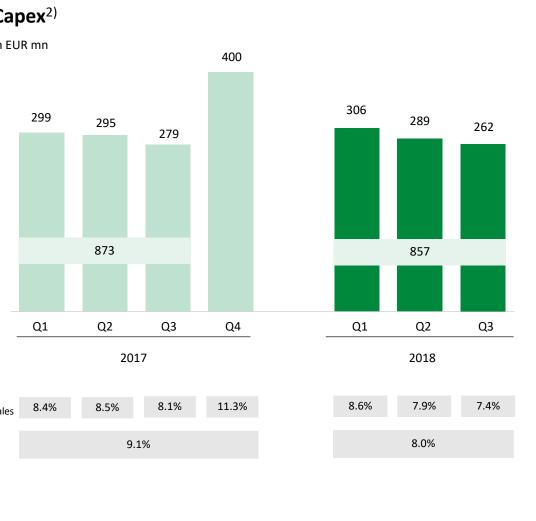
- FCF before M&A at EUR 201 mn in Q3'18 (PY: EUR 333 mn), FCF conversion ratio 17%
- Lower EBIT and higher inventory level as main drivers for lower FCF before M&A
- Capex to sales ratio reduced to 7.4% in Q3'18 (Q3'17: 8.1%), showing more disciplined Capex spending

FCF Deta	nils	Q3 2017	Q3 2018	∆ Q3 17/18	9M 2017	9M 2018	∆ 9M 17/18
	FCF as reported	333	202	(131)	244	126	(118)
	Non recurring items <sup>1)</sup>	10	9	(1)	103	85	(18)
	AKO / EDC/ Focus <sup>2)</sup>	26	7	(19)	66	33	(33)
	M&A <sup>3)</sup>	0	(1)	(1)	3	1	(2)
	Receivable Sale Program	(54)	(47)	7	(54)	(47)	7
		315	170	(145)	362	198	(164)

#### Backup Working Capital ratio 18.7% of sales – Capex ratio 7.4% of sales in Q3

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## Backup Key figures<sup>1)</sup> by Group and division – new structure

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<b>Group</b> in EUR mn								Automotive Af	termarke	t					
	Q1 '17	Q2 '17	Q3 '17	Q4 '17	Q1 '18	Q2 '18	Q3 '18	in EUR mn	Q1 '17	Q2 '17	Q3 '17	Q4 '17	Q1 '18	Q2 '18	Q3 '18
Sales	3,574	3,472	3,434	3,541	3,551	3,642	3,521	Sales	484	444	506	446	446	479	476
Sales Growth <sup>2)</sup>	+5.4%	+2.2%	+7.4%	+8.5%	+3.9%	+7.9%	+3.7%	Sales Growth <sup>2)</sup>	+9.7%	-7.3%	+4.7%	+6.3%	-4.4%	+12.3%	-3.0%
EBIT	435	358	416	319	391	382	376	EBIT	93	68	117	55	80	96	83
EBIT Adjusted <sup>3)</sup>	435	345	416	388	391	404	355	EBIT Adjusted <sup>3)</sup>	93	68	117	80	80	96	80
EBIT Margin <sup>3)</sup>	12.2%	9.9%	12.1%	11.0%	11.0%	11.1%	10.1%	EBIT Margin <sup>3)</sup>	19.2%	15.3%	23.1%	17.9%	17.9%	20.0%	16.8%
Automotive O in EUR mn	EM Q1 '17	Q2 '17	Q3 '17	Q4 '17	Q1 '18	Q2 '18	Q3 '18	<b>Industrial</b> in EUR mn	Q1 '17	Q2 '17	Q3 '17	Q4 '17	Q1 '18	Q2 '18	Q3 '18
		<b>Q2 '17</b> 2,220	<b>Q3 '17</b> 2,138	<b>Q4 '17</b> 2,325	<b>Q1 '18</b> 2,279	<b>Q2 '18</b> 2,308	Q3 '18 2,191		<b>Q1 '17</b> 782	<b>Q2 '17</b> 808	<b>Q3 '17</b> 790	<b>Q4 '17</b> 770	<b>Q1 '18</b> 826	<b>Q2 '18</b> 855	
in EUR mn	Q1 '17	-					-	in EUR mn	-				-		854
in EUR mn Sales	<b>Q1 '17</b> 2,308	2,220	2,138	2,325	2,279	2,308	2,191	in EUR mn Sales	782	808	790	770	826	855	854 +9.4%
in EUR mn Sales <i>Sales Growth</i> <sup>2)</sup>	<b>Q1 '17</b> 2,308 +6.4%	2,220 +3.5%	2,138 +7.4%	2,325 +8.7%	2,279 +3.2%	2,308 +6.5%	2,191 +3.2%	in EUR mn Sales <i>Sales Growth<sup>2)</sup></i>	782 +0.2%	808 +4.5%	790 +9.2%	770 +9.0%	826 +10.8%	855 <i>+9.3%</i>	Q3 '18 854 +9.4% 108 103

1) Proforma figures FY 2017 3) EBIT before special items 2) FX-adjusted