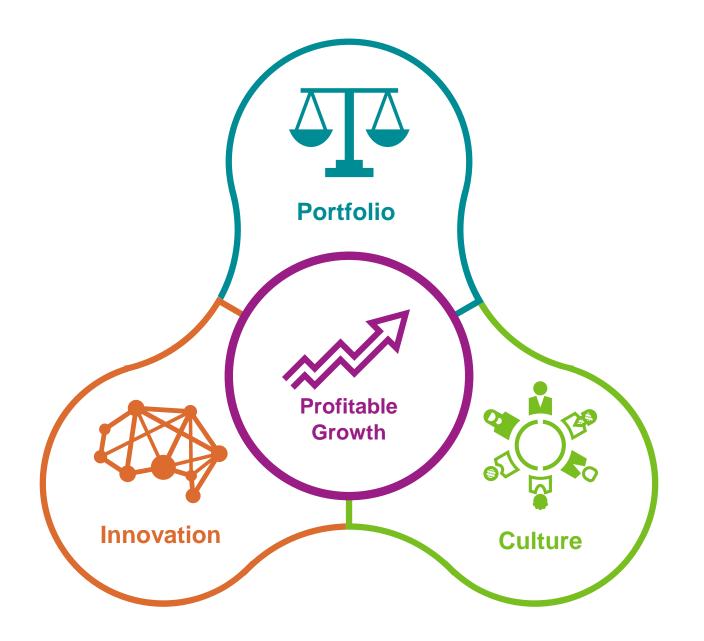


### Company presentation

September 2017





### 1. Evonik at a glance

- 2. Strategy Update
- 3. Financials Q2 2017
- 4. Appendix



### A strong basis in Specialty Chemicals



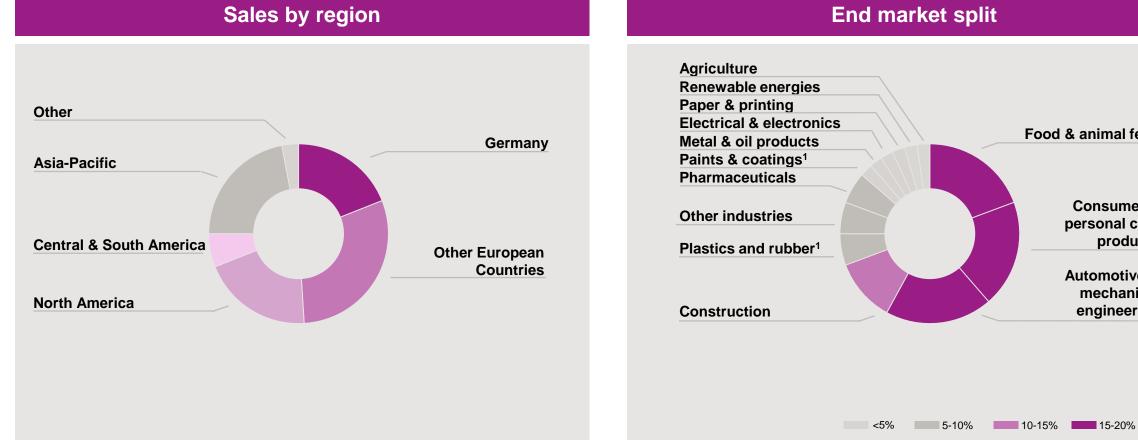
1. Sales with top 1-3 market position by sales, production volume or capacity (depending on available data)

### Three segments with differentiated management





### **Balanced regional and end market split**



products Automotive & mechanical engineering

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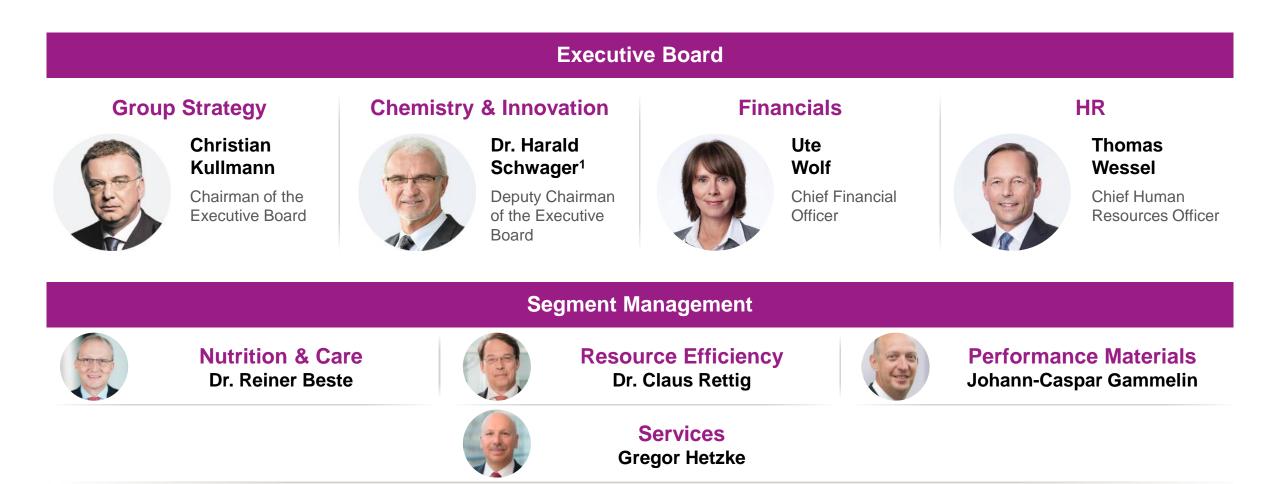
Food & animal feed

Consumer &

personal care

1. Where not assigned to other end-customer industries | 2016 Financials

### **Evonik management team with clear responsibilities**

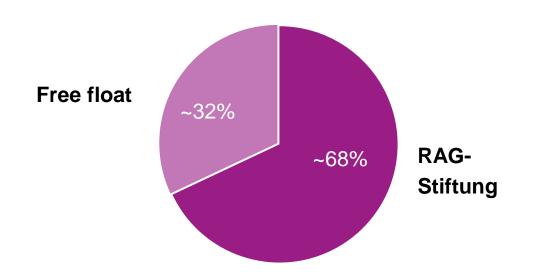




1. Joining Evonik on September 1, 2017

### "RAG-Stiftung" as long-term shareholder with focus on attractive returns

#### **Ownership structure**

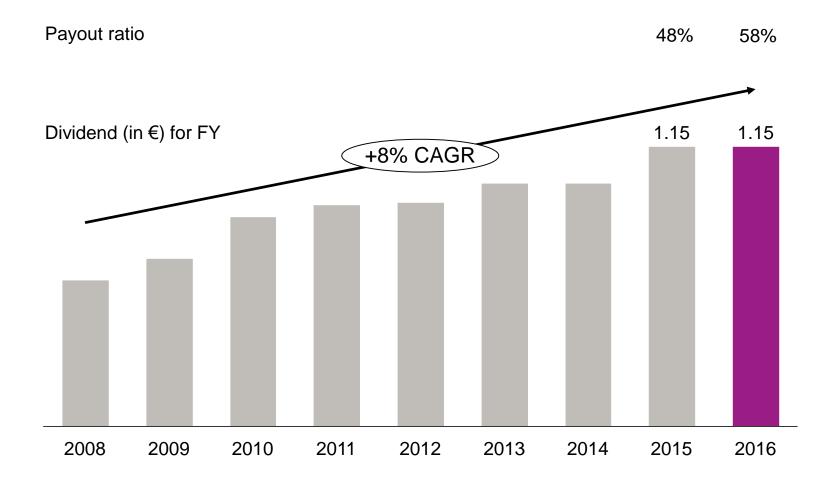


#### **RAG-Stiftung**

- A foundation with the obligation to finance the perpetual liabilities arising from the cessation of hard-coal mining in Germany
- From 2019 onwards, annual cash out of ~ €220 m expected
- Evonik as integral and stable portfolio element with attractive and reliable dividend policy
- RAG-Stiftung capable to cover annual cash out requirements with Evonik dividend (~ €365 m dividend received in 2016)
- RAG-Stiftung with no intention to reduce its stake in Evonik
- Long-term perspective: intention to retain a strategic shareholding of at least 25.1%



### **Reliable and attractive dividend policy**



- Sustainable dividend growth over the last years: 8% CAGR between 2008 and 2016
- Dividend for 2016 on attractive 2015 level despite lower adjusted net income
- Attractive dividend yield ~ 4%
- Reliable dividend policy targeting:
  - dividend continuity
  - a payout ratio of ~40% of adjusted net income



- 1. Evonik at a glance
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### **Significant progress achieved over last 3 years**

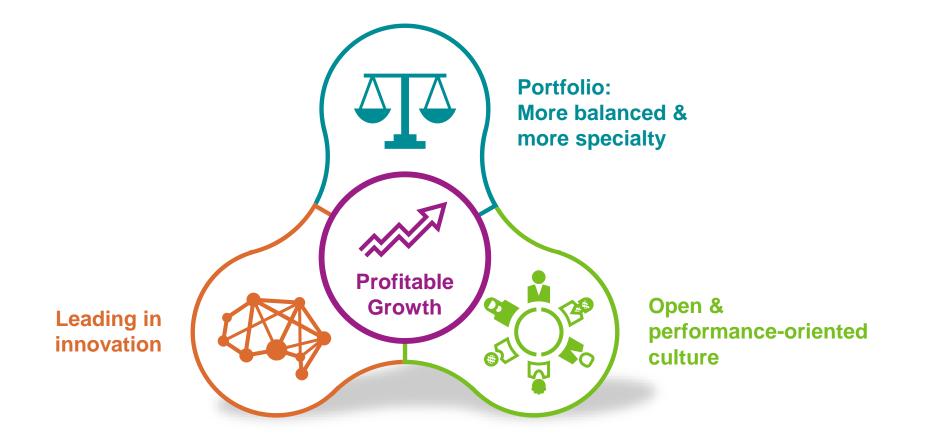




# Building a best-in-class specialty chemicals company



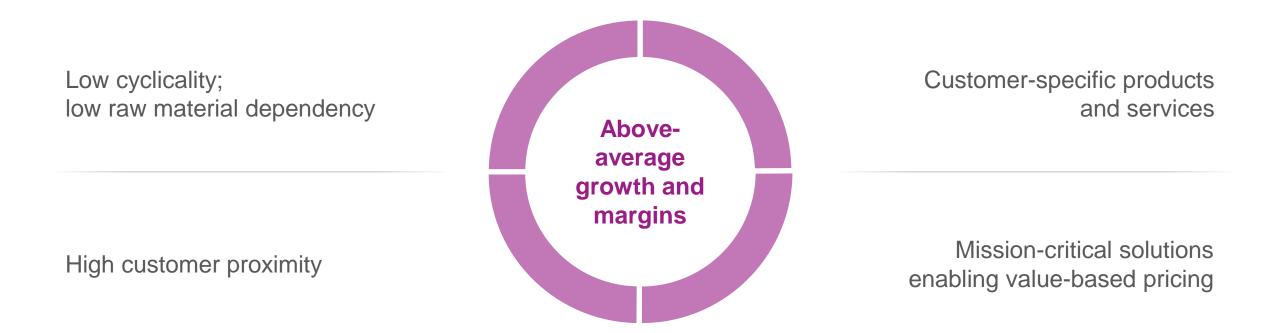
### **Targeting excellence in three strategic focus areas**





### **Portfolio strategy: "More balanced – more specialty"**

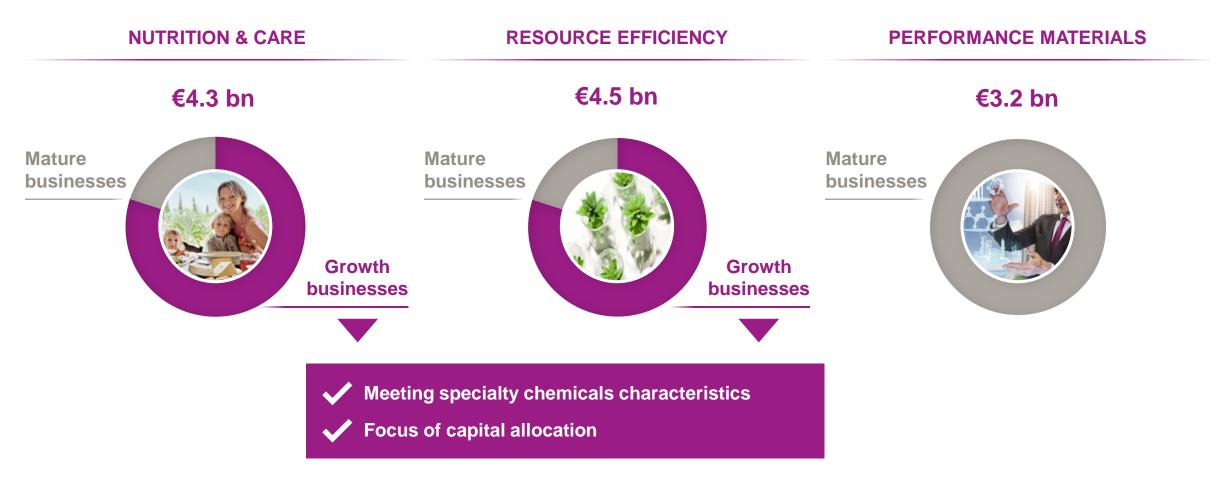
Focus on businesses with specialty chemicals characteristics





### **Building on our strengths**

Developing our growth segments and businesses





2016 Financials

### Strategic growth focus Four growth engines as drivers for profitable & balanced growth





		Growth trends and drivers	Product examples	Market growth
	<b>Specialty Additives</b> "Small volume, big impact"	<ul> <li>More sophisticated requirements on additive effects</li> <li>Need for increased product performance and efficiency</li> </ul>	Coating Additives PU-Additives Oil Additives	5-6%
	Health & Care Preferred partner in Pharma and Cosmetics	<ul> <li>Increasing health-awareness and lifestyle</li> <li>Bio based products and environmentally-safe cosmetics</li> </ul>	Pharma polymers Oleochemicals Advanced biotechnology	5-6%
E	<b>Smart Materials</b> Tailored functionalities for sustainable solutions	<ul> <li>Trend towards resource efficiency in high demanding applications</li> <li>Engineered materials and systems to fulfill high performance requirements</li> </ul>	Rubber Silica & Silanes High Performance Polymers Membranes	4-7%
	Animal Nutrition Comprehensive portfolio for more sustainable food chain	<ul><li>Sustainable nutrition</li><li>Improving food quality and safety</li></ul>	Amino acids Probiotics	5-7%



### Thorough review process of key drivers for value creation

# Capital allocation

- Targeted investments for sustainable growth
- Value-adding acquisitions in defined growth areas
- Strategic portfolio review; review of qualification as best owner



# Cost competitiveness

- Factor cost (over-) compensation as efficiency target for all businesses
- Focus on value-creating processes for our customers
- Best-in-class service & support functions drive competitiveness of operating segments
- Culture of clear cost responsibility and accountability



### **Targeted and disciplined M&A approach**

	<b>Air Products</b> Performance Materials	Huber Silica	Dr. Straetmans		
Purchase price	~ €3.5 bn	~€600 m	~ €100 m		
EBITDA margin	>20%	>20%	~20%		
Market growth	~4-5%	~4-6%	~10%		
Business	Highly attractive strategic fit, seamless integration into existing businesses				

Disciplined expansion in high-growth & -margin businesses with excellent strategic fit



### **Leading Innovation**

Ambitious targets, clear strategy and inspiring culture



- Increase of innovation pipeline value
- 16% contribution of innovation to sales/profit by new products and new/improved processes

Innovation Strategy

- Balanced innovation portfolio management
- Fostering disruptive innovations: Innovation Growth Fields
- Open innovation approach by partnering and venture capital investments
- Truly global



Culture

- Guiding principles of innovation (trust, openness, transparency)
- Focus on customer needs
- Fostering entrepreneurship and deal with setbacks

**Leading Innovation** 







### **Corporate culture drives performance**

### **Business focus**

- We take action and initiate change
- We reward measured risk taking
- We promise and deliver with conviction, clarity and consistency
- We excel our customers' expectations
- We compete to win



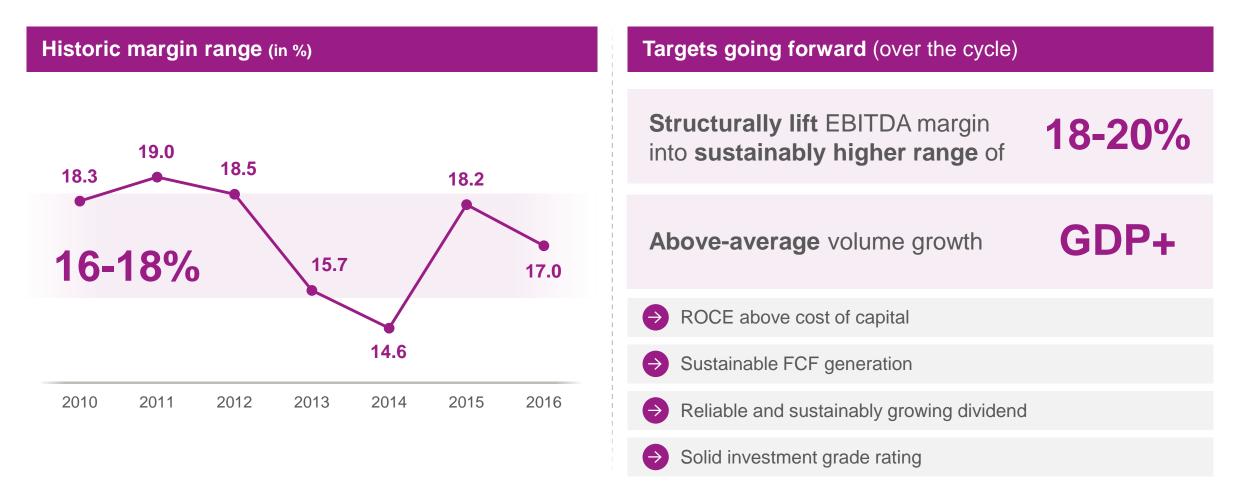
Corporate Culture

### **Best-in-class team**

- We build on **openness**, trust and respect
- We assign responsibility and demand accountability
- We reward performance
- We continuously work on developing an international mindset as part of our diversity strategy
- We grow our own leaders



### **Strategic agenda reflected in ambitious financial targets** Structurally lifting EBITDA margin and driving balanced growth





### **Summary** Building a best-in-class specialty chemicals company





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### Strong quarter with sequential earnings increase

Good volume development in growth segments

### Volume growth

### **4 %** in growth segments

Strong volume growth in Nutrition & Care (5%) and Resource Efficiency (4%)

**0% on Group level** affected by Performance Materials **force majeure**<sup>1</sup> in Antwerp (without this effect **~3% volume growth** on group level)

# €635 m

Adj. EBITDA

Sequentially higher in all three chemical segments

**Strong yoy growth** in Resource Efficiency and Performance Materials

-€20 m **negative impact** from force majeure<sup>1</sup> due to insurance deductible

# €0.62

Adj. EPS

17% yoy increase driven by operational strength and a tax refund related to divestment of former real estate business

### Outlook confirmed

# €2.2-2.4 bn

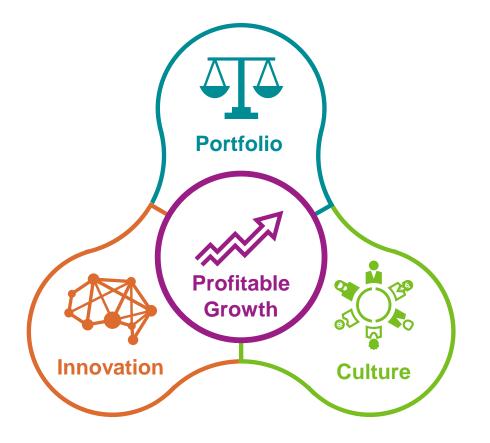
Fully **on track** to reach FY guidance



1. After incident at C4-plant in Antwerp production was affected from early May to mid of June

### **Executing our strategy within three strategic focus areas**

Building a best-in-class specialty chemicals company



#### Portfolio: More balanced & more specialty

- Growth engine "Smart Materials": Expansion and optimization of fumed Silica capacities in Antwerp – highly specialized chemistry with GDP+ growth in various end-markets
- Licensing of HPPO technology to MOL group attractive risk/reward profile and reliable earnings stream for H<sub>2</sub>O<sub>2</sub> business

#### Leading innovation

- New encapsulation technology for Advanced Food Ingredients in growth engine "Health & Care" developed
- Evonik Venture Forum: Collaboration with 13 selected start-ups in the Coatings area to enhance growth in "Specialty Additives"

#### **Open & performance-oriented culture**

- Worldwide Executive Conference in September
- Joint summit to define and further develop Evonik culture



### **Growth engine "Animal Nutrition"**

Strengthening position as innovative partner & reliable supplier

Several initiatives in Animal Nutrition underway to capitalize on market trend "Sustainable Nutrition"

### Strengthen leading position in methionine

- Reinforce role as most reliable supplier in the market
- Further work on cost competitiveness to strengthen leading cost position
- Technology leadership and flexibility with global production network

## Further optimization of bio-amino acids

- Lysine: Regional cost leader in US through operational excellence
- Synergy potential at Blair, Nebraska site via combined use for lysine and Omega-3 JV ("Veramaris")
- Further ramp-up of plant in Brazil and transfer of best practices from US
- Further measures under evaluation

# Innovations for sustainable healthy nutrition

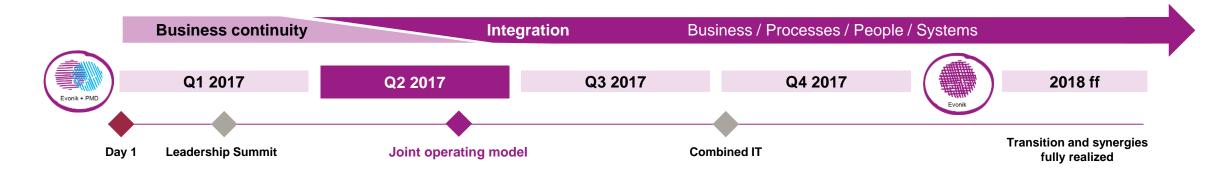
- Enable antibiotic-free livestock production through **probiotics**
- Improving feed conversion rate and meat quality with CreAMINO<sup>®</sup>
- Introduction of novel nutritional solutions (e.g. Omega-3 Fatty Acids / AQUAVI Met-Met)

Actively addressing current market conditions to secure leadership position



### **Update on Air Products specialty additives:**

Execution of business and functional integration activities



- Further execution of "best-of-both-worlds" approach:
  - Enhancing and facilitation of cross BL co-operation (e.g. distributor management)
- **Update** Jointly leveraging on individual commercial best practices (e.g. pricing, sales & operations planning)
  - High awareness for process efficiency with strong focus on cost and capex management
  - In total, over 500 ideas being tracked as value capturing measures

### $\sim$ €5 m synergies already implemented in Q2



### Huber Silica closing ahead Strengthening of growth engine "Smart Materials"

Huber Silica to be closed within H2

- Excellent complementary fit for Evonik's high-growth and resilient silica business
- Clearance granted by all authorities with only minor conditions
- Closing as expected within second half of the year

Financing via hybrid bond

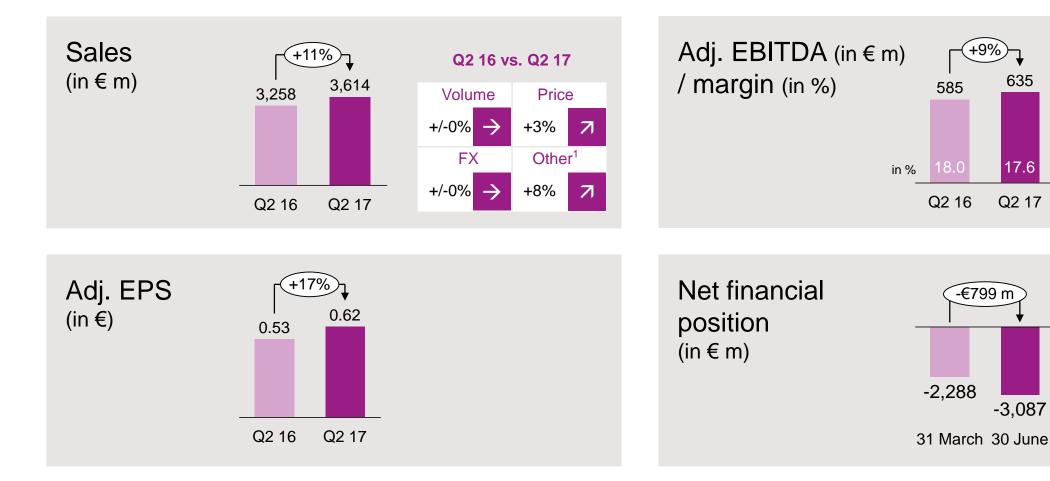
- Issuance of €500 m hybrid bond to finance Huber Silica acquisition
- Very attractive coupon of 2.125%
- Hybrid bond with 50% equity credit supports solid investment grade rating





### **Financial highlights Q2 2017**

### Further improving price trend



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635

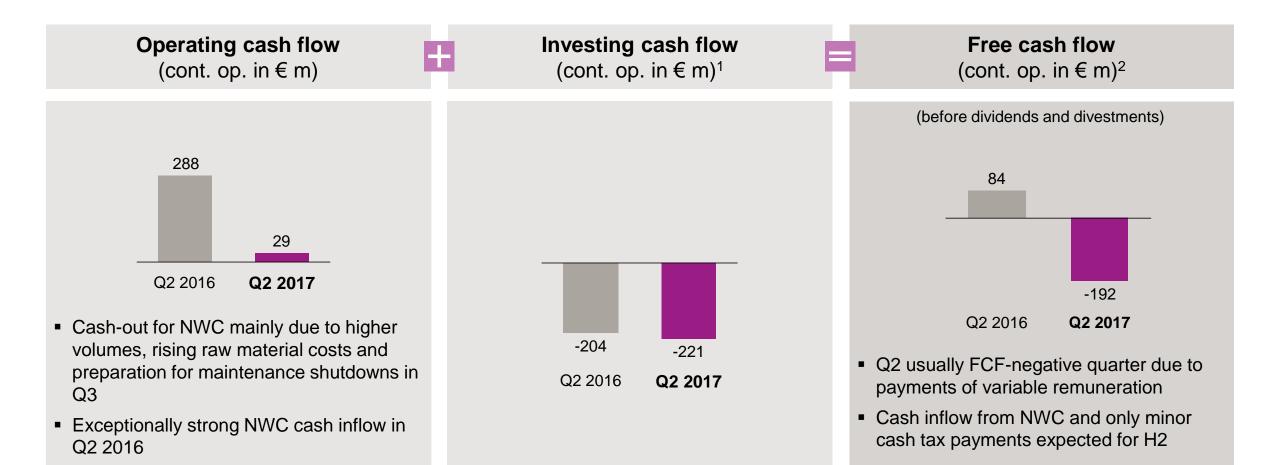
17.6

Q2 17

-3,087

1. Mix of portfolio effects (mainly Air Products specialty additives, 8%) and others

### Free cash flow Q2 2017 Significantly positive FCF expected for H2

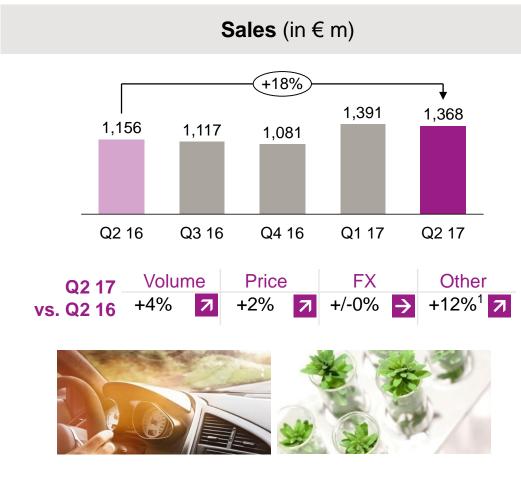


1. Cash outflow for investments in intangible assets and PP&E | 2. Operating cash flow (cont. op.) ./. Investing cash flow (cont. op.)



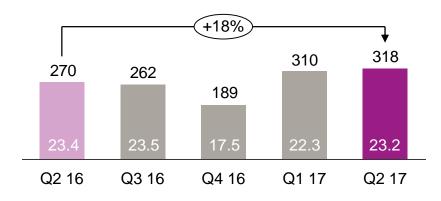
### **Resource Efficiency**

### Further strong volume growth on high margin level



1. Mix of portfolio effects (mainly Air Products specialty additives, 12%) and others

#### Adj. EBITDA (in € m) / margin (in %)

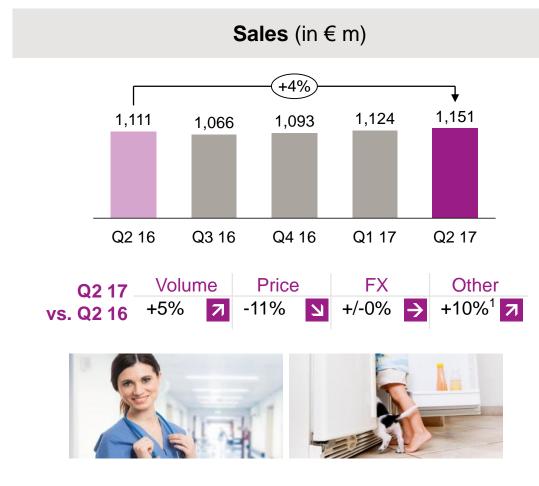


- Q2 2017 continued with strong volume growth and positive price development across most businesses
- EBITDA margin on previous year level (and even sequentially expanded) despite yoy notably higher raw materials
- Earnings growth mainly driven by High Performance Polymers, Silica and Oil Additives
- Positive market environment expected to continue into H2. Larger revision shutdowns planned for Q3.



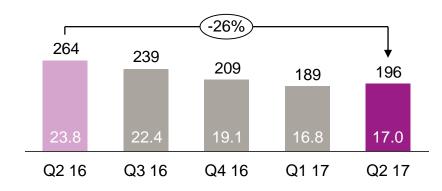
### **Nutrition & Care**

Volume growth strong, earnings sequentially up despite negative price effect



1. Mix of portfolio effects (mainly Air Products specialty additives, 9%) and others

#### Adj. EBITDA (in € m) / margin (in %)

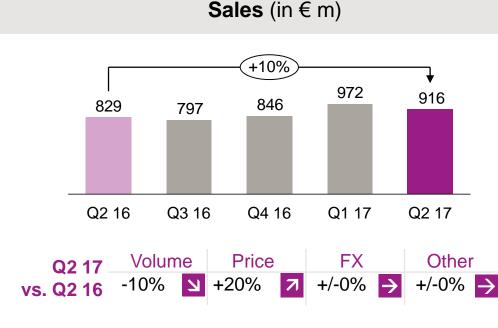


- Health Care continued its strong performance with considerable volume and earnings growth especially in Exclusive Synthesis and Pharma & Food Ingredients
- Comfort & Insulation with continued solid performance in legacy Evonik as well as newly acquired Air Products businesses
- Good demand in Animal Nutrition, improved market sentiment towards the end of the quarter. Lower volumes expected for Q3.



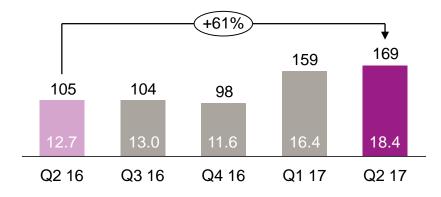
### **Performance Materials**

Strong demand coupled with tight supply for MMA/PMMA and C4 chain continues





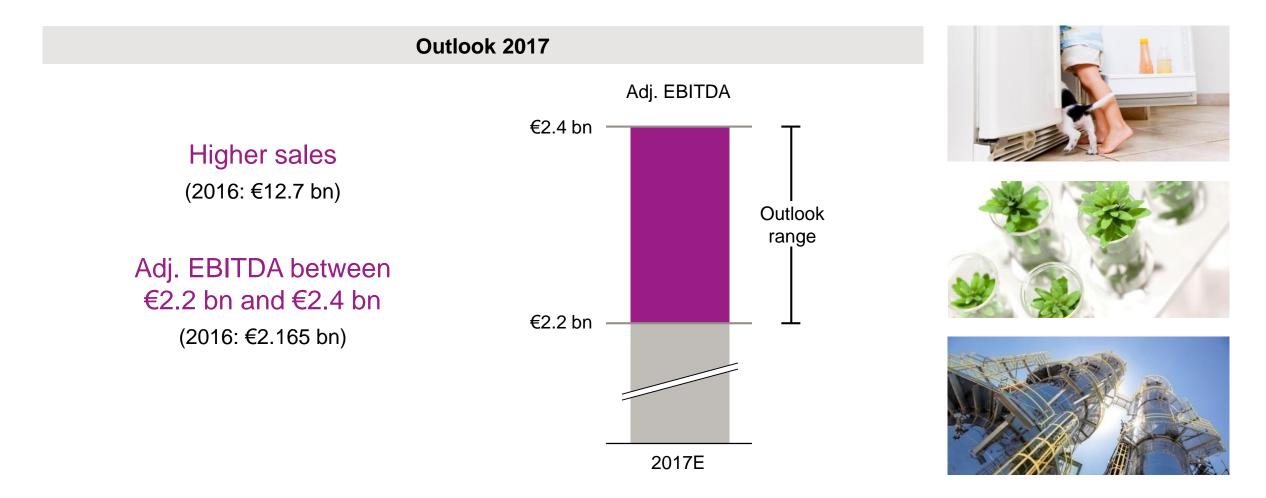
Adj. EBITDA (in € m) / margin (in %)



- Negative volumes fully explained by force majeure in Antwerp and maintenance shutdowns in MMA
- Ongoing strong performance in MMA/PMMA; positive market environment to last longer than initially expected
- C4 business benefitted from strong underlying demand for most products and high butadiene spreads; -€5 m force majeure impact
- Another strong quarter expected for Q3. Tight MMA/PMMA market and announced price increases with potential to counterbalance lower butadiene spread. Normalization towards year-end expected.



### Targeting earnings growth for FY 2017 Outlook for 2017 confirmed





### Segment outlook FY 2017

(Huber Silica business not included in outlook)

Nutrition & Care	Resource Efficiency	Performance Materials	
EBITDA lower than in previous year	Considerably higher EBITDA	Considerably higher EBITDA	
<ul> <li>Positive earnings contribution from allocated Air Products activities</li> </ul>	<ul> <li>Positive earnings contribution from allocated Air Products activities</li> </ul>	<ul> <li>Improvement in supply/demand situation for key products</li> </ul>	
<ul> <li>Stable or slightly positive earnings trend in majority of businesses</li> <li>Methionine: lower average annual selling price versus previous year; price declines expected to level out in the course of 2017</li> </ul>	<ul> <li>Good business performance expected in most of the other businesses</li> </ul>	<ul> <li>Steps taken to raise efficiency</li> <li>Normalization of favorable supply/demand situation assumed during the year</li> </ul>	



### Additional indications for 2017 – excluding Huber Silica

•	Air Products specialty additives business	Adj. EBITDA of <b>around €250 m</b> including first <b>synergies of €10-20 m</b> ; Sales and adj. EBITDA will be allocated roughly equally between N&C and RE
•	ROCE	<b>Above cost of capital</b> (10.0% before taxes), but perceptibly lower than in 2016 (14.0%) as a consequence of the substantial acquisition-driven rise in capital employed
•	Capex	<b>~€1.0 bn</b> (2016: €960 m)
•	Free cash flow	Clearly positive, but considerably below the strong prior year (2016: €785 m)
•	EUR/USD	On previous year's level (1.10 EUR/USD)
•	EUR/USD sensitivity <sup>1</sup>	+/-1 USD cent = -/+ ~€7 m adj. EBITDA (FY basis)
•	Pensions	Change in year-end discount rate leading to <b>~€50 m increase</b> in pension service costs
•	Adj. EBITDA Services	Slightly below 2016 (2016: €151 m)
•	Adj. EBITDA Corporate / Others	Slightly more negative than in 2016 (2016: -€340 m)
•	Adj. D&A	~€840 m (2016: €717 m; increase due to finalized PPA, mainly related to Intangible Assets)
•	Adj. net financial result <sup>2</sup>	€190 m (2016: -€139 m); absence of pronounced positive year-end effects vs. 2016
•	Adj. tax rate	~31% (2016: 30.4%), due to higher share of profits in USA

1. Including transaction effects (after hedging) and translation effects; before secondary / market effects and after APD acquisition | 2. Guidance for "Adj. net financial result" (incl. "Adj. interest income/expense" and "Other financial income/expense"); subject to interest rate fluctuations which influence discounting effects on provisions





### 1. Acquisition of Air Products specialty additives business

- 2. Acquisition of Huber Silica
- 3. Segment overview
- 4. Financials
- 5. Upcoming events



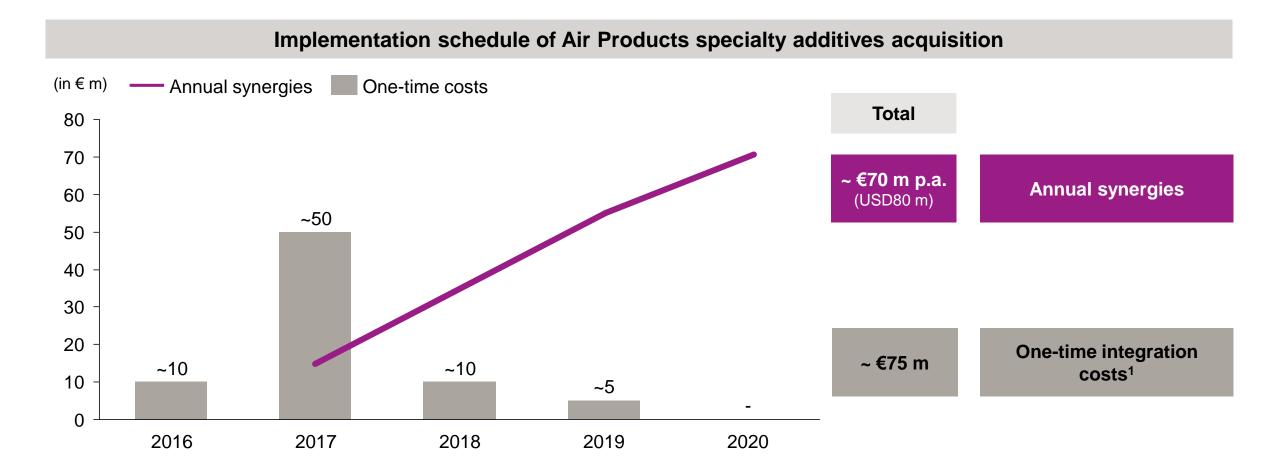
### Acquisition of Air Products (APD) Performance Materials activities Creating a global leader in Specialty & Coating Additives



Integration of APD Performance Materials businesses into existing Evonik business lines Post merger integration team in place to guarantee seamless integration

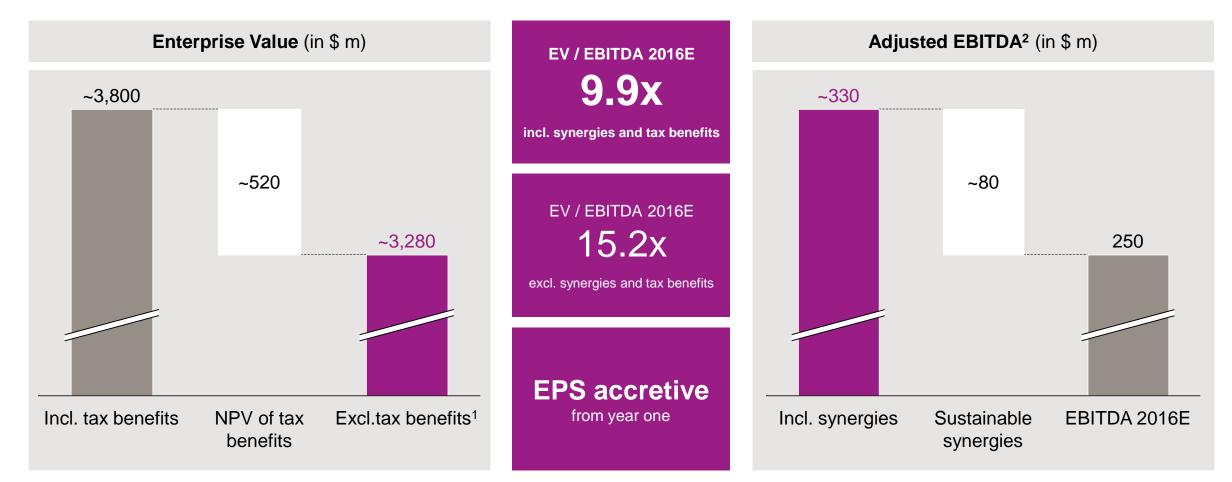


### Synergy ramp-up on track for combined businesses



1. Excluding transaction-related costs

### Synergy potential and tax benefits leading to an attractive price



1. By purchasing assets, tax benefits from higher D&A after asset step-up will reduce future cash tax burden 2. Adjusted EBITDA before restructuring charges and corporate allocations



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#### J.M. Huber Corporation

- Huber Silica is part of US-based company J.M. Huber Corporation
- Family-owned, founded in 1883
- Headquarter in Edison, New Jersey

#### Huber Silica business

- Technology- and solution-driven business with long-term customer relationships
- Headcounts: 697 globally
- 6 plants with global footprint in all key regions (U.S., Europe, India, China)
- 4 R&D centers in all key regions



### Sales 2016E:

close to \$300 m **EBITDA 2016E:** \$60 m

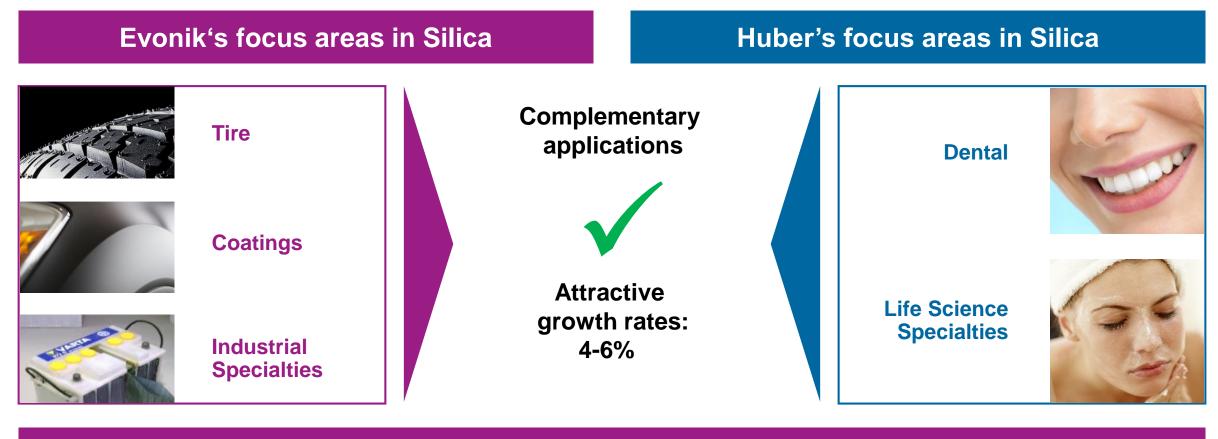
**EBIT 2016E:** \$44 m

### EBITDA margin: >20%



### **Acquisition of Huber Silica**

Access to new highly attractive silica applications for Evonik



Combined sales<sup>1</sup>: > €1.3 bn I Adj. EBITDA margin: >20%

1. Sales of Evonik Business Line Silica and Huber Silica



### Excellent fit due to complementary applications and portfolio strengths

	Evonik	Precipitated silica	a Huber Silica
		Dental	
ications	<b>₩ ₩ ₩</b>	Tire	
Key applications		Industrial Specialties, Coatings, Pharma & Care, Food & Feed	

- Established industries with high quality standards and global key accounts
- "Green tires" with stronger growth, Dental with higher resilience
- Combining Evonik's and Huber's Specialty Silica portfolio creates growth opportunities and critical mass in >20 attractive customer industries



### **Diversified exposure with attractive growth rates**

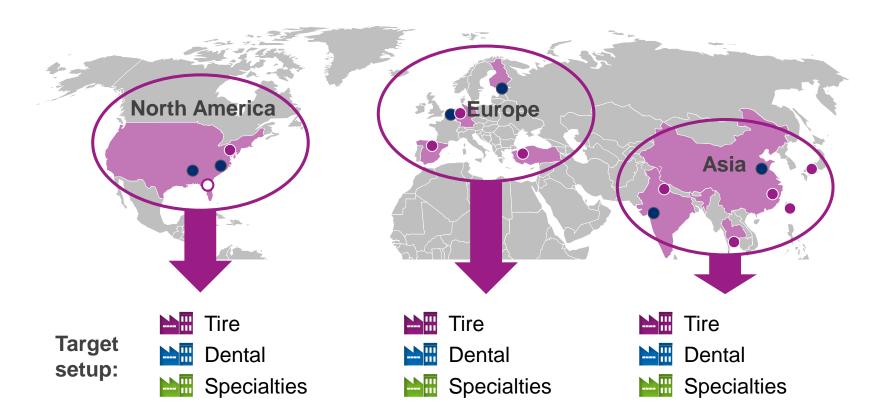
Resource Efficiency and Convenience as major growth drivers



Source: Notch Consulting, Inc.; Evonik estimates

### **Optimizing the regional production setup**

Dedicated plants for specific silica types in each major region



#### Asset optimization:

Situation today:

 Plants producing different silica types for several applications

New setup after integration:

- Asset optimization towards one dedicated application per plant fuels higher efficiency
- R&D centers in each major region facilitating targeted R&D for Specialties
- Combined and optimized capacities enable capex saving potential for Evonik in the future

#### Combination of production setups: Enabling a dedicated regional plant setup for specific applications

Production site Huber

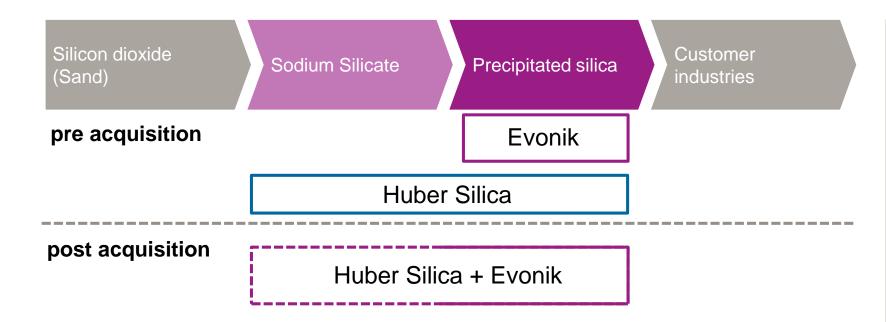
Production site Evonik

O Plant under construction in USA



# Evonik will improve its position in precipitated silica through partial backward integration

#### Partial backward integration into sodium silicate (water glass)



- Currently Evonik buys required sodium silicate externally
- Acquisition will improve production setup through backward integration
- Increased supply security and cost position



### Significant synergies driven by excellent strategic and operational fit

Excellent strategic fit



Complementary product portfolio



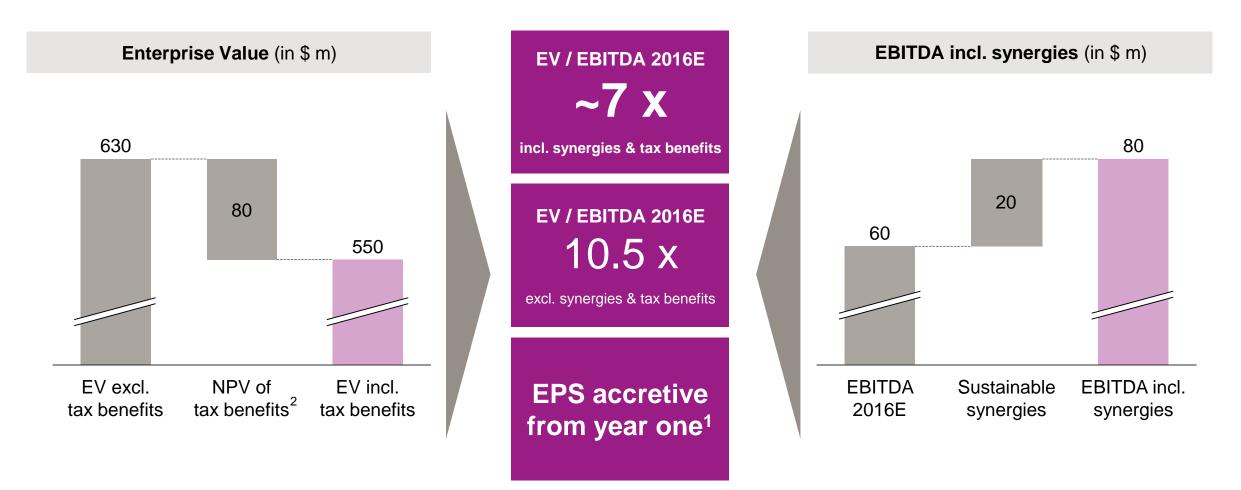
Strong supply chains and manufacturing base

S Y N	Production, Logistic	~10		Total synergies: ~ \$20 m
E R G	Procurement, Raw materials	~5		<ul> <li>All measures expected to be implemented by 2021</li> </ul>
E S	Revenue synergies	~5		



Integration costs of ~ €30 m expected

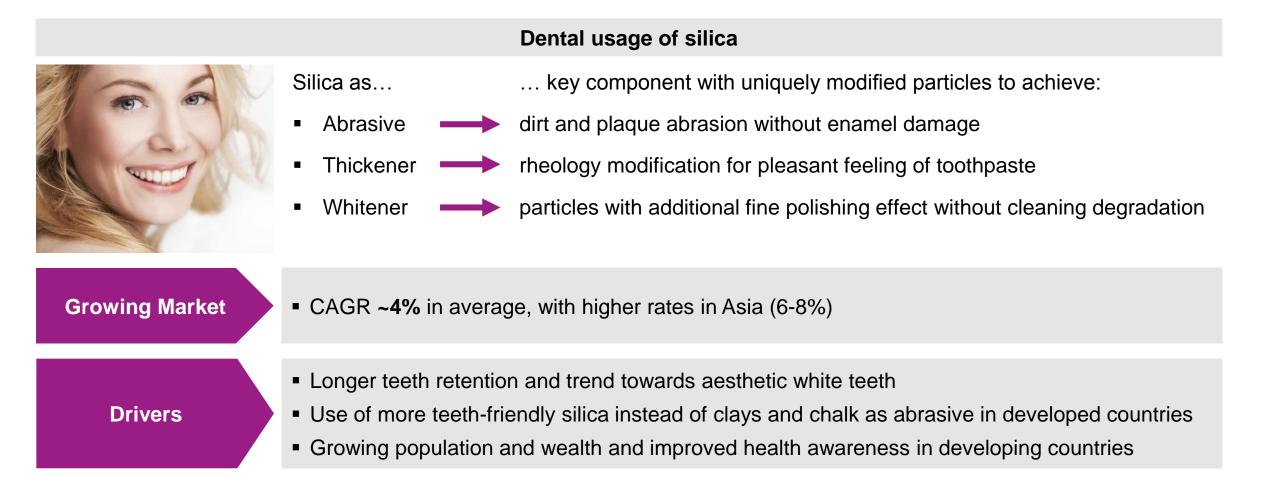
### Synergies and position as strategic buyer leading to attractive valuation





### Target market example: dental silica:

### Silica as key component for improved oral hygiene and teeth retention





- 1. Acquisition of Air Products specialty additives business
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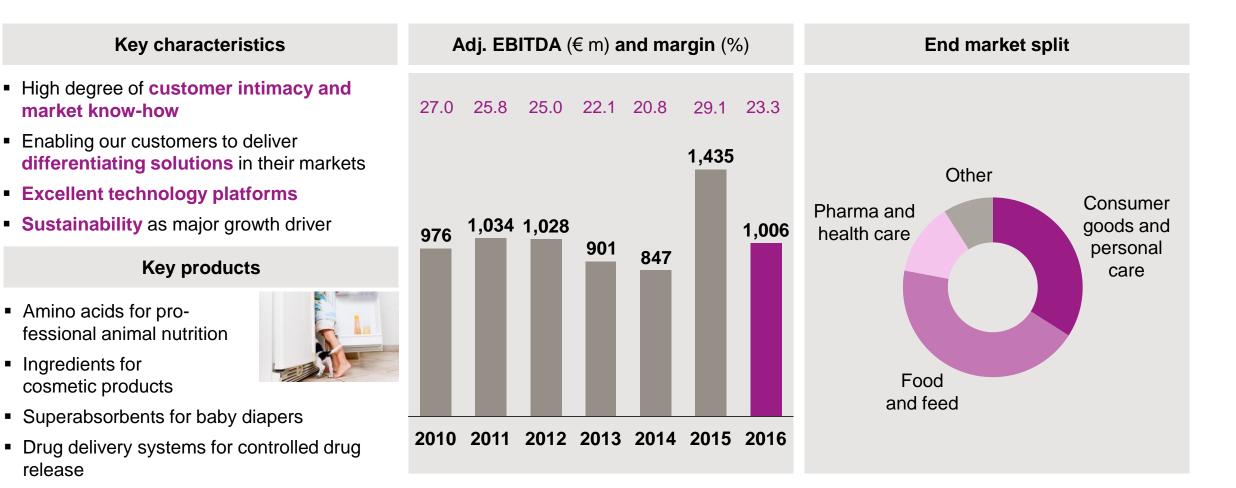


### **Evonik Group** 22 Business Lines grouped in 3 segments



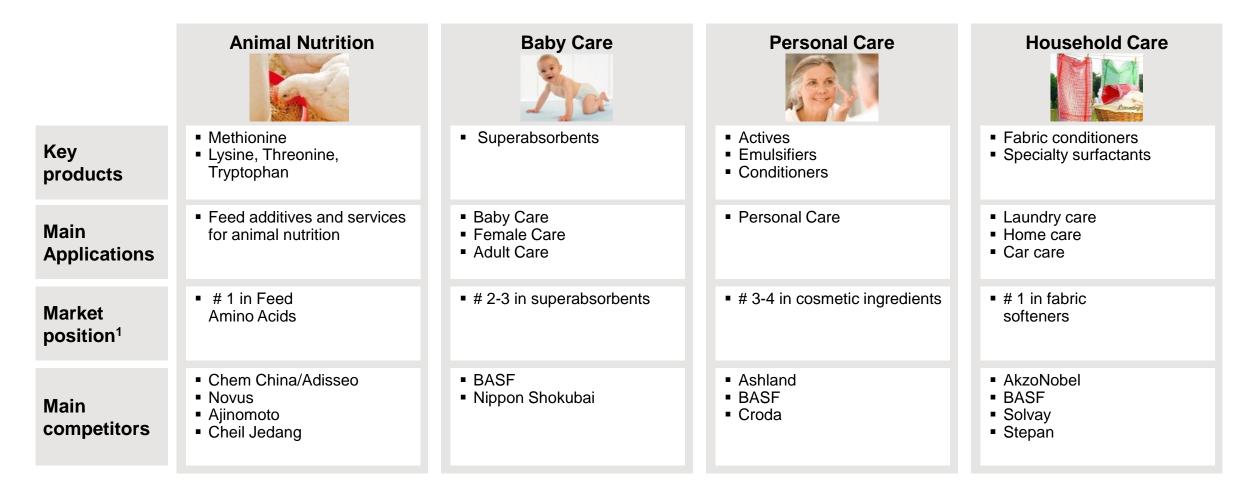


2016 Financials | Business Lines ranked by turnover



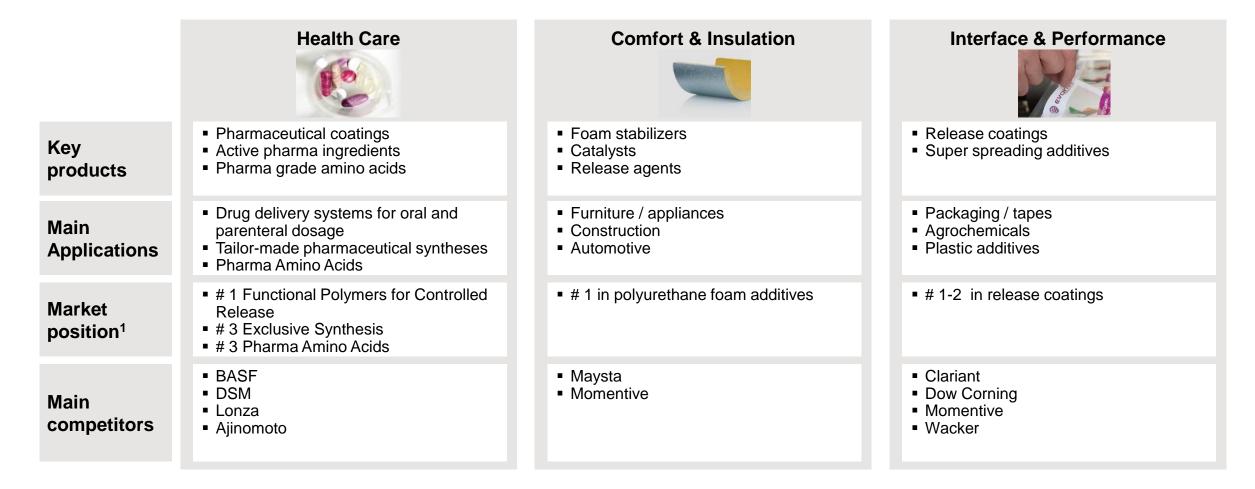


### Nutrition & Care Business Line overview (1/2)





### Nutrition & Care Business Line overview (2/2)





## Business Line Animal Nutrition Putting Methionine into perspective

Important product for Evonik, but not the core of our investment case





#### Business Line Animal Nutrition **Probiotics - Portfolio expansion beyond amino acids** Innovative solutions for antibiotic-free animal nutrition



#### Step change in animal nutrition:

- Food quality and safety becoming more and more important
- Antibiotics being met with growing criticism
- Probiotics to play a pivotal role in resolving food quality and safety

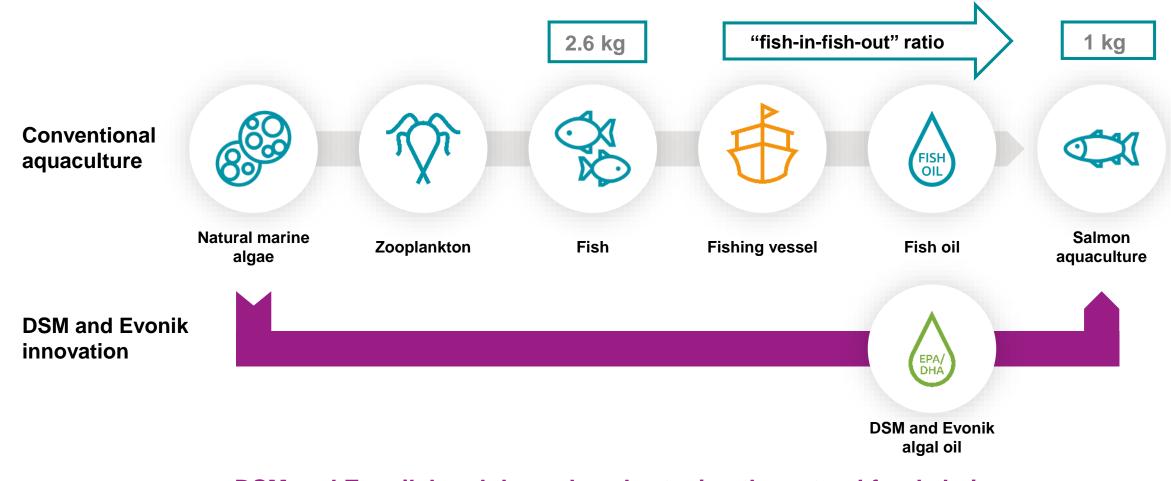
#### Internal and external growth as integral part of Evonik's strategy beyond amino acids

- Leveraging our biotechnology competence in probiotics
- Acquisition of probotics business of Norel S. A. in 2016
  - Already approved and established brands
  - Important step to get access to the regulated and attractive European probiotics market
- Own product development of GutCare<sup>®</sup> to complement probiotics portfolio
  - After the United States and China earlier this year, Gutcare® launched in India and Bangladesh in July

#### With in the last 12 months rollout of a global probiotics business



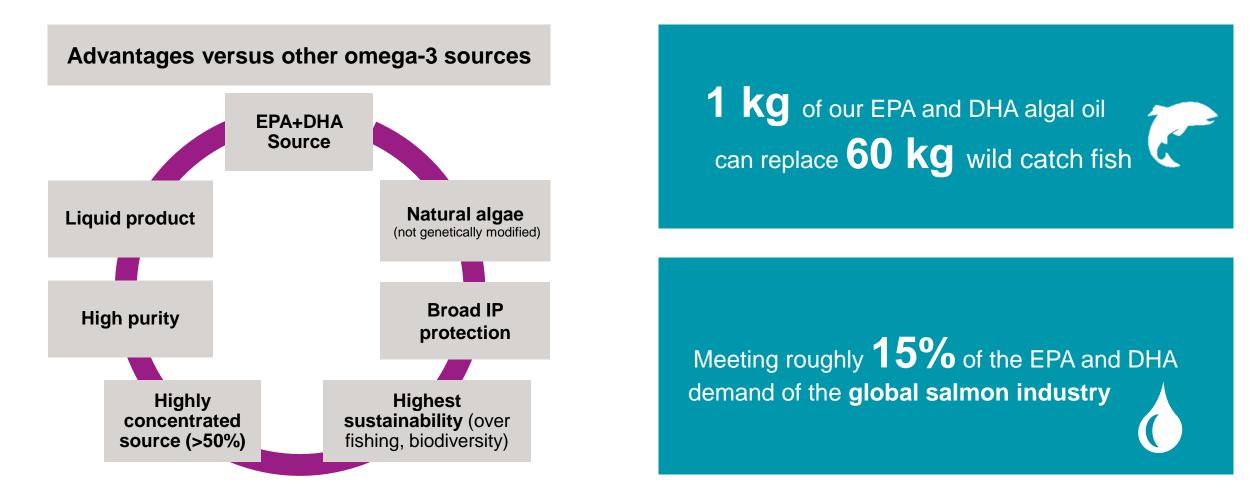
### Business Line Animal Nutrition Natural marine algal oil is a sustainable alternative solution for omega-3 fatty acids used in aquacultures



**DSM** and Evonik breakthrough – shortening the natural food chain



### Business Line Animal Nutrition Algal oil as a high-quality source of omega-3 for the use in animal nutrition has many advantages





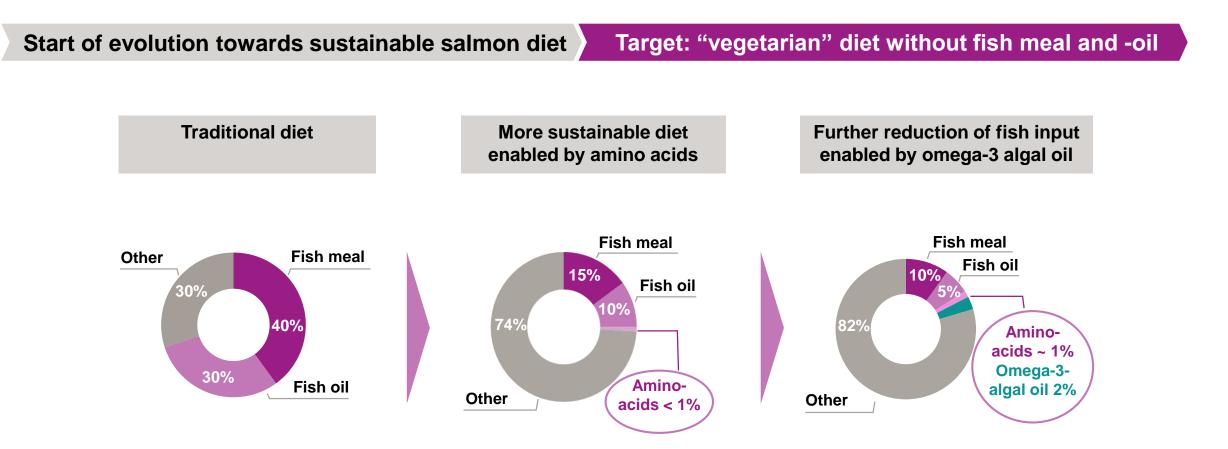
### Business Line Animal Nutrition DSM and Evonik establish joint venture for omega-3 fatty acids from natural marine algae for animal nutrition

- DSM and Evonik to found a 50:50 joint venture to be named Veramaris<sup>™</sup>, headquartered in The Netherlands
- Joint venture for high value omega-3 fatty acid products rich in EPA and DHA for animal nutrition produced from natural marine algae
- Joint venture's capital expenditure in the facility will amount to around US\$ 200 million over the next 2 – 3 years
- Facility is scheduled to open in 2019
- New facility will be built in the United States, at an existing site of Evonik
- Global aquaculture production growth is 5-6% per year with high increasing requirements in fish oil





### Business Line Animal Nutrition Evonik offers key components for the development of sustainable aquacultures





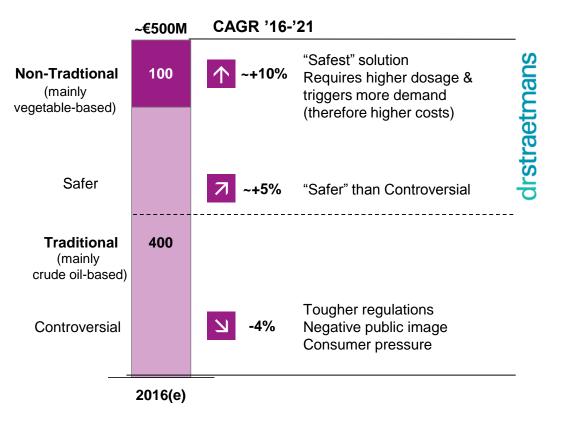
### Business Line Personal Care Acquisition of Dr. Straetmans

### Sustainable preservation with state of the art multifunctionals

#### Preservatives

- Preservatives are an essential part of any cosmetics formulation preventing product deterioration (e.g. via oxidation) → important cross-sectional technology
- Trend towards non-traditional preservatives due to criticism of traditional preservatives (e.g. possible estrogenic effects of paraben)
- Use of non-traditional preservatives is more complex and requires higher dosages and higher application and formulation know-how

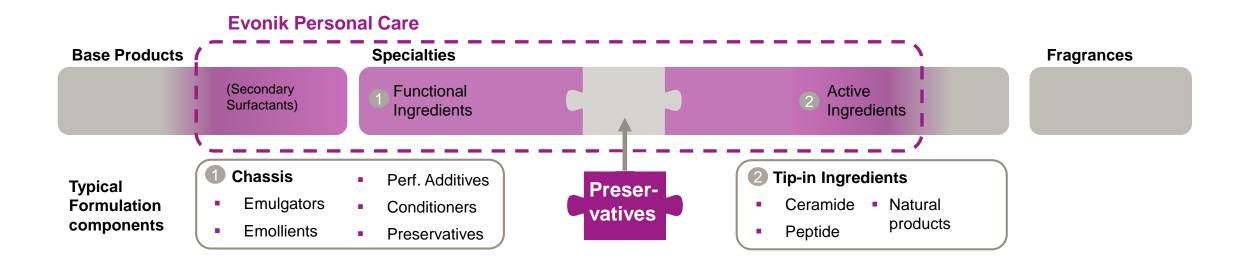
#### Market shift to high-growth non-traditional preservatives



Source: Expert interviews, Advancy analysis



### Business Line Personal Care **Acquisition of Dr. Straetmans** Helping Evonik Personal Care to become a wide technology player

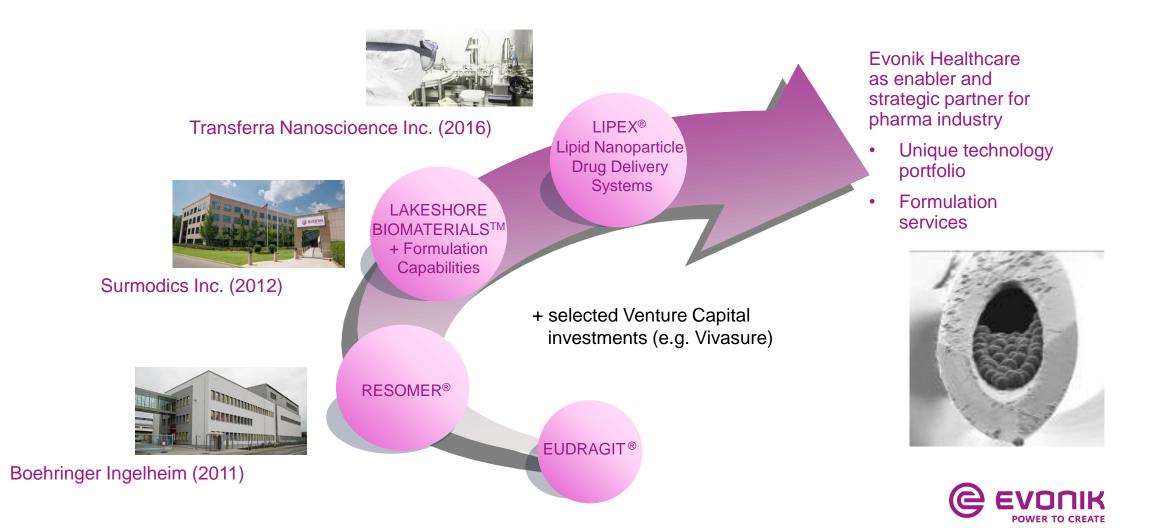


#### **Strategic rationale**

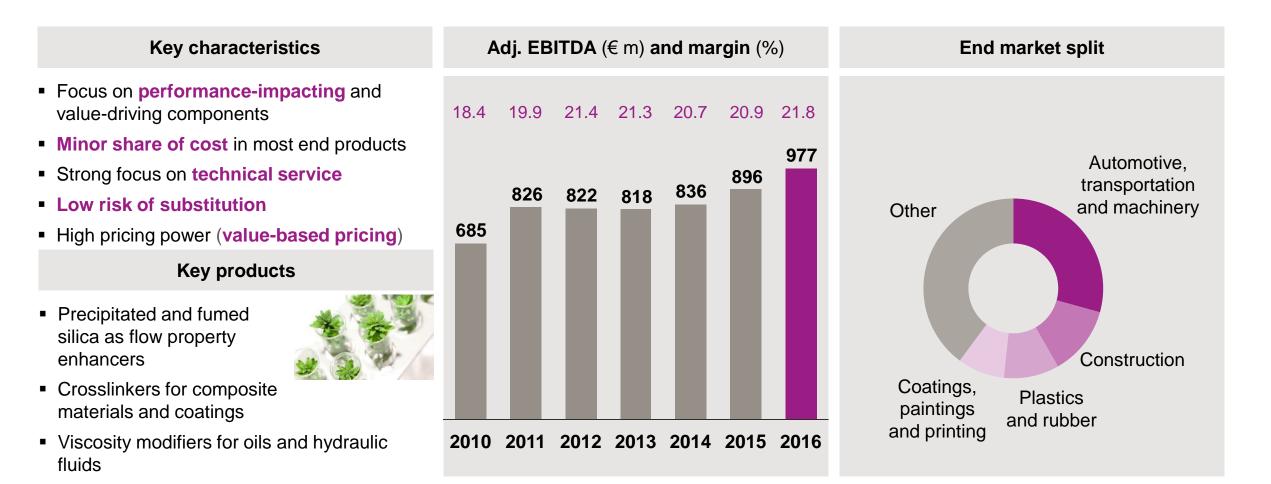
- Combination of preservatives know how of Dr. Straetmans with emulsifier know how of Evonik
- Expanded formulation skills in one hand, thus enhanced capability to offer formulation packages
- Reduced development time and costs for customers



### Business Line Health Care Harvesting substantial value from Technology M&A in Health Care Building up competences and additional solution portfolio

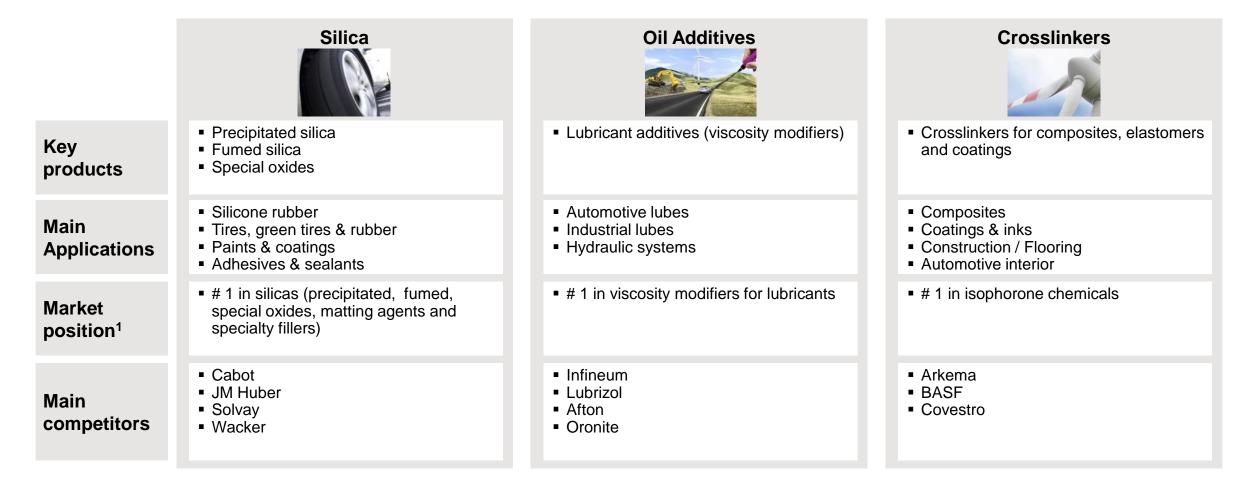


### **Resource Efficiency** Innovative products for resource-efficient solutions



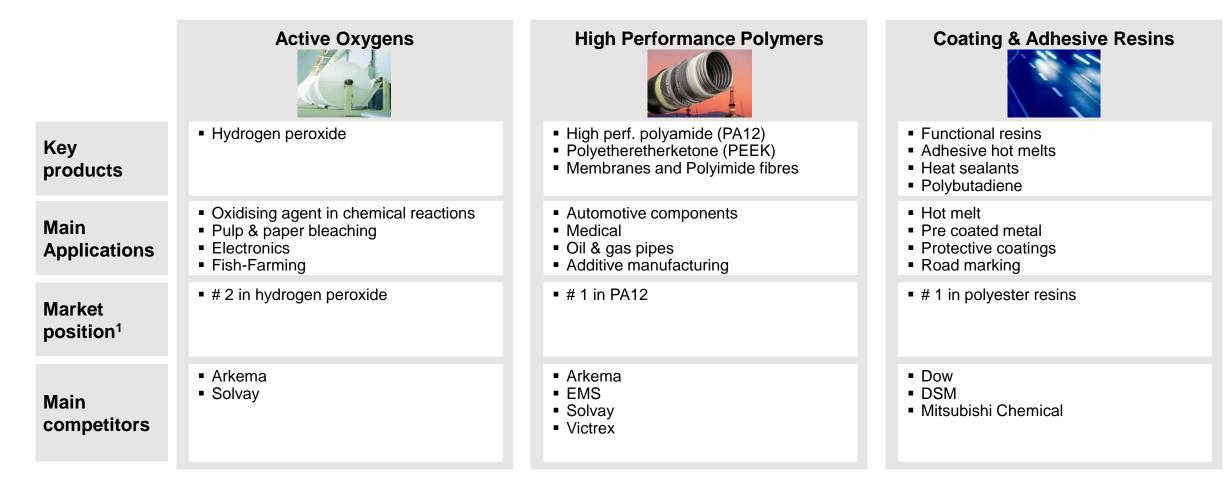


### **Resource Efficiency** Business Line overview (1/3)

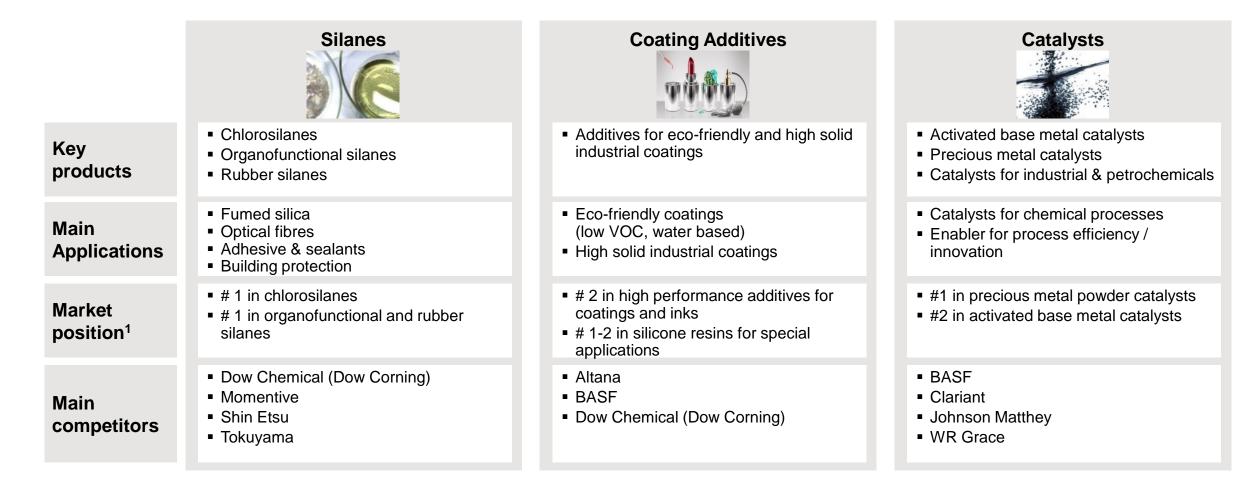




### **Resource Efficiency** Business Line overview (2/3)



### **Resource Efficiency** Business Line overview (3/3)



#### Business Line Silica **Extending Smart Materials growth engine** Expansion of fumed Silica capacities in Antwerp

- Evonik is extending its capacities for fumed silica in Antwerp
- Double digit million € investment volume
- Highly specialized chemistry with GDP+ growth in various end-markets
- Typical applications of these specialty silica, which Evonik markets under the name AEROSIL®, include
  - coatings and paints
  - modern adhesive systems
  - transparent silicones
  - non-flammable high-performance insulation materials
- Investment ensures Evonik's position as leading global manufacturer of silica





## Business Line Active Oxygens Licensing of HPPO technology

### Attractive risk/reward profile and reliable earnings stream

#### HPPO technology within our H<sub>2</sub>O<sub>2</sub> business

- In the HPPO process hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) is used to oxidize propylene to propylene oxide (PO)
- Environmentally benign, state of-the-art process for attractive PO market with 3-5% growth globally but capital-intensive businesses
- Solution: Licensing of HPPO process and hydrogen peroxide technology solely for this purpose

#### Licensing for MOL group Polyol Project

- MOL group is a leading oil and gas company in Eastern Europe
- HPPO plant with 200 kt/year propylene oxide production capacity is part of €1.9 bn invest in new industrial complex to produce polyols
- Evonik delivers licenses, services and catalysts

Benefits for Evonik

- Attractive risk/return ratio
- Reliable earnings stream

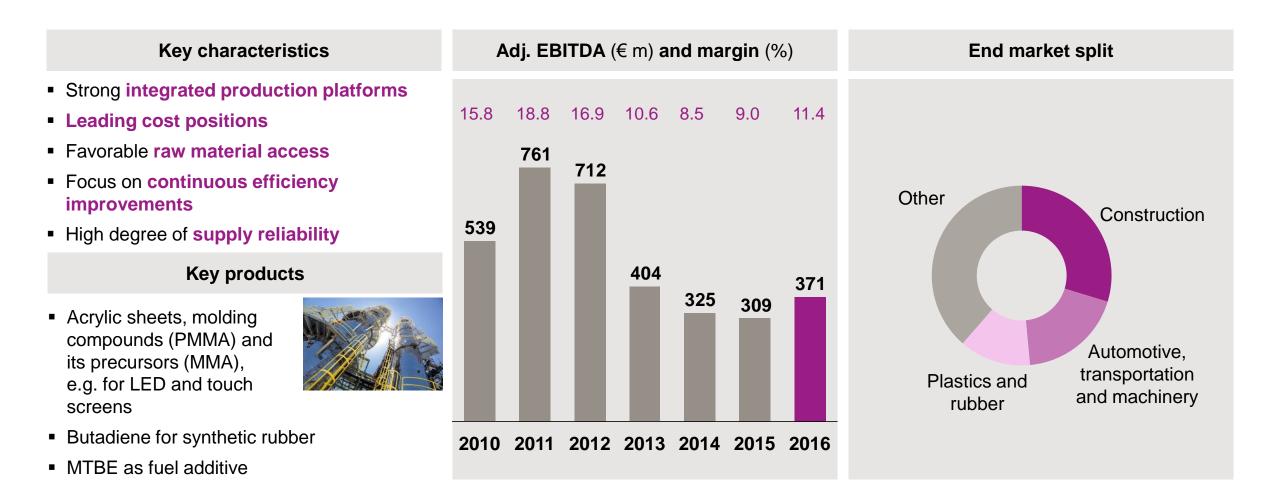
Low capital intensity

Attractive EBITDA margin



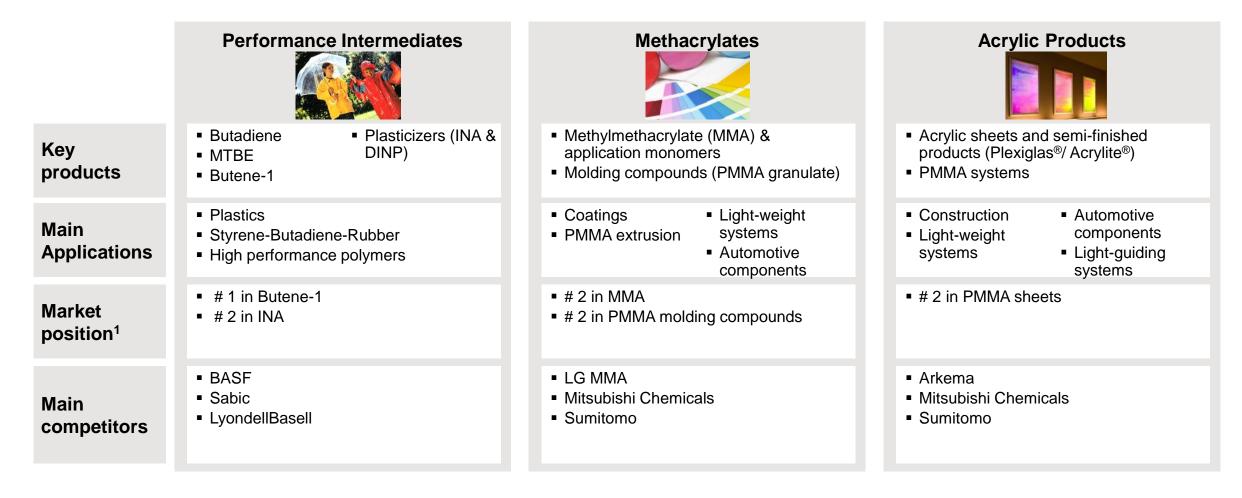
#### **Performance Materials**

Integrated production platforms for efficient production of rubber and plastic intermediates





#### **Performance Materials** Business Line overview (1/2)





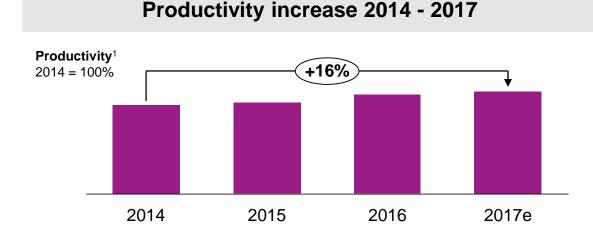
### **Performance Materials** Business Line overview (2/2)

	Agrochemicals & Polymer Additives	Functional Solutions	CyPlus Technologies
Key products	<ul> <li>Triacetonamine</li> <li>Crosslinkers</li> <li>Precursors for crop protection</li> </ul>	<ul> <li>Alkoxides (e.g. sodium methylate)</li> </ul>	<ul><li>Sodium cyanide</li><li>Potassium cyanide</li></ul>
Main Applications	<ul> <li>Polymer additives</li> <li>Agro chemicals</li> <li>Optical brighteners</li> <li>Photovoltaic</li> </ul>	<ul> <li>Catalysts for biodiesel production</li> </ul>	<ul> <li>Precious metals mining</li> <li>Fine chemicals</li> </ul>
Market position <sup>1</sup>	▪ n.a.	<ul> <li># 1 in alkoxides</li> </ul>	■ n.a.
Main competitors	<ul><li>Lanxess</li><li>Weylchem</li></ul>	<ul><li>BASF</li><li>Smotec</li></ul>	<ul><li>AGR</li><li>DuPont</li><li>Orica</li></ul>

1. Company estimates for relevant markets based on multiple research reports



# Performance Materials increases productivity while exercising tight cost management





1. Total sales volume / Headcount Performance Materials w/o apprentices

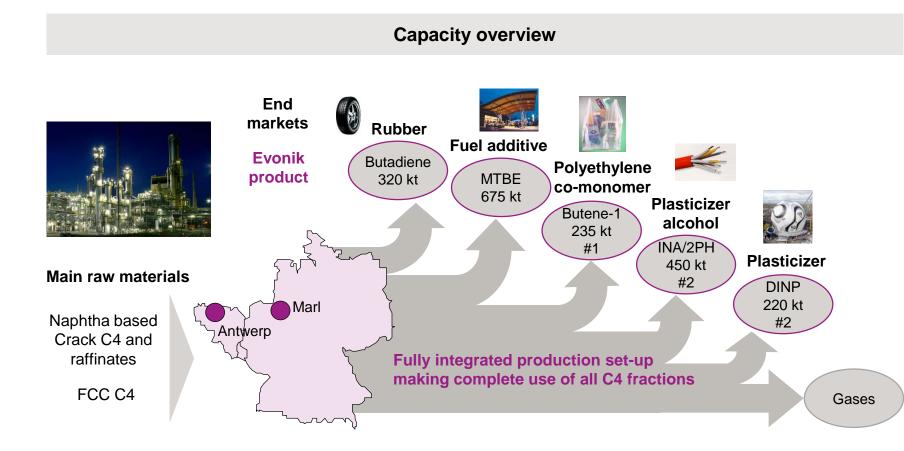
#### Strategic measures raising productivity

- Flexibilization of cost structure and streamlining of product portfolio
  - Site closure Münchsmünster (CO<sub>2</sub> extraction business) and GramatneusiedI (PMMA)
  - Restructuring business setup in MMA/PMMA
  - Total headcount reduction: ~230 by end of 2017 (vs. 2014)
- New innovative business models
  - Higher proportion of direct sales business (w/o distributors)
  - Full service and solution provider business model
  - Supply Chain digitalization in C4 business



## **Performance Intermediates (C4 chain)**

## Fully integrated production platform in Europe



#### Key success factors

- Leading, cost efficient technology platform with more than 30 years of experience
- High expertise in logistics of C4 products and streams
- New technologies to capture additional C4 feedstocks
- Scale, secure feedstock base and long-standing customer relationships



- 1. Acquisition of Air Products specialty additives business
- 2. Acquisition of Huber Silica
- 3. Segment overview
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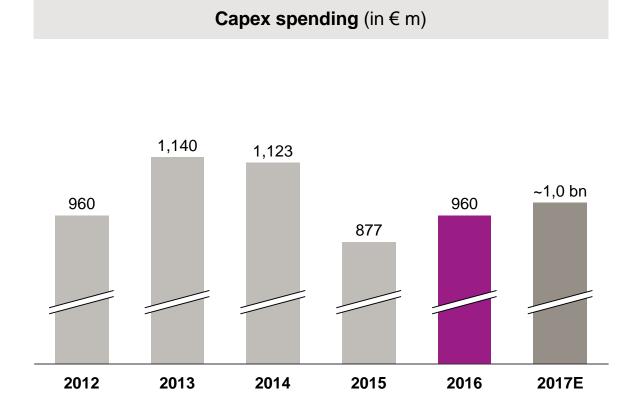
## **Resource Efficiency and Performance Materials with strong earnings growth** Segment performance FY 2016



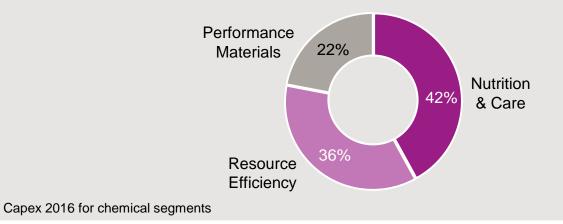


#### Investments

## Capex with significant decrease since 2013 – focus on growth segments



- Capex has considerably declined since 2013
- Clear focus on the two growth segments
- Sustainable capex level going forward: ~€900 m
- Sizable investment projects will result in slightly elevated levels during project time (e.g. second methionine plant in Singapore with more than half a billion € of Capex between 2016 and 2019, peaking in 2018)





Major projects successfully completed ...

**C4 expansion** Germany, Belgium Rationale: feedstock diversification



Oil Additives exp. Singapore

Rationale: enable growth in Asia



**Personal Care plant** Brazil

Rationale: establish local production



## ... and selective, smaller projects with start-up planned for 2017/18

#### Polyimide membrane exp.

Austria

Start-up: 2017 Volume: <50 m

PA12 powder exp. Germany

Start-up: 2017 Volume: <50 m



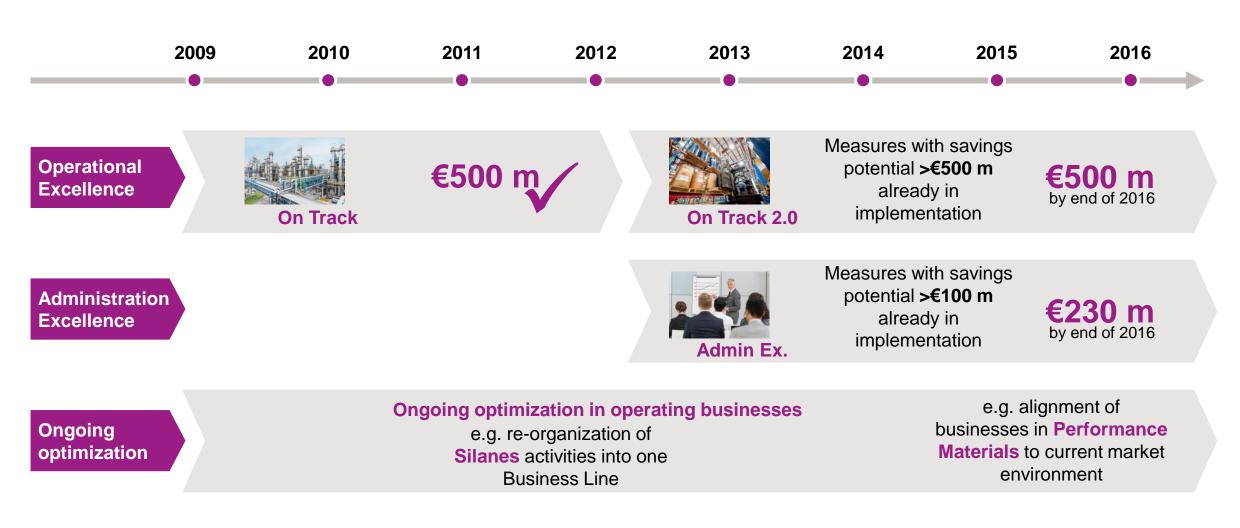
Copolyester plant Germany

Start-up: 2018 Volume: <50 m



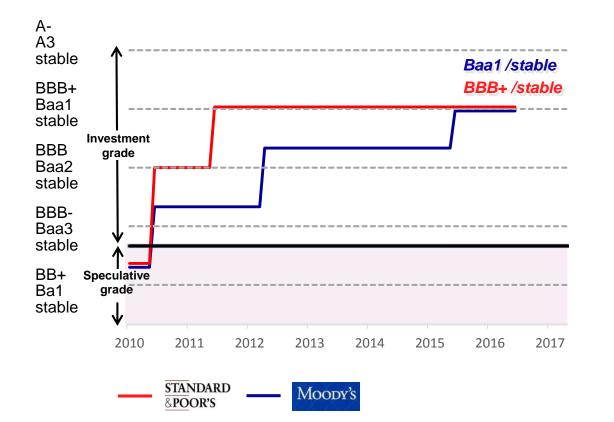


#### **Efficiency** Cost improvement integral part of Evonik's DNA





#### **Financial policy** Maintaining a solid investment grade rating





#### BBB+ (stable)

Rating affirmed at BBB+ stable on May 6, 2016 shortly after Air Products specialty additives business acquisition announcement

- Will enhance Evonik's business risk profile
- Resilient combined performance expected

#### Moody's

#### Baa1 (stable)

Rating upgraded to Baa1 stable from Baa2 positive on May 10, 2016 also after PM acquisition

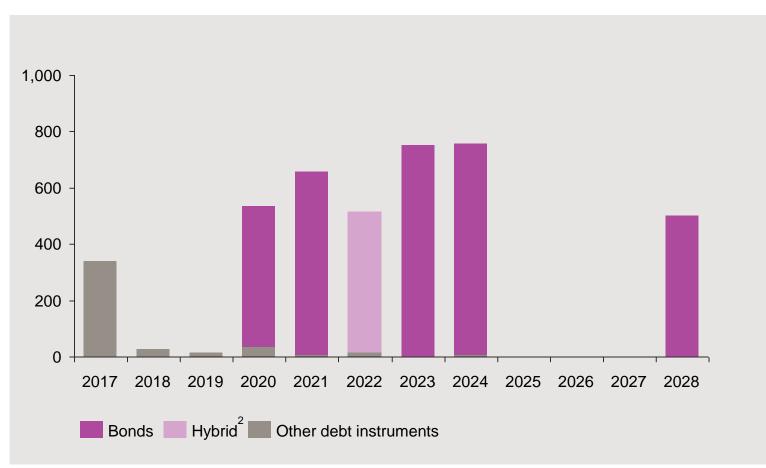
- Specialty chemicals franchise will be improved
- Further strengthening by adding scale and diversity

Maintaining a solid investment grade rating is a central element in our financing strategy



#### **Debt structure** Well balanced maturity profile

(in  $\in$  m as of 30 June 2017)<sup>1</sup>

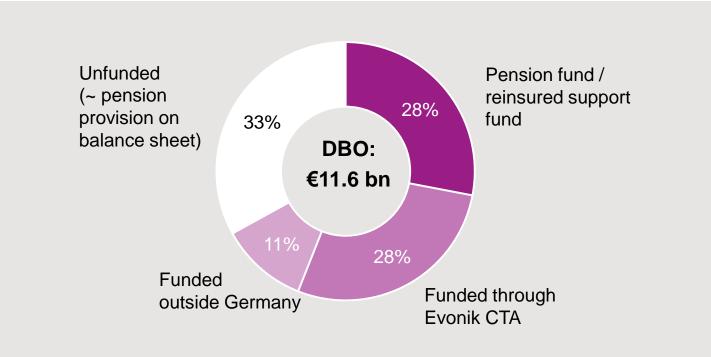


- Well balanced debt maturity profile with no single maturity greater than €750m
- €500m hybrid bond issued in July 2017 with first redemption right for Evonik in 2022 offers optimal fit into current maturity profile
- Undrawn €1.750m syndicated revolving credit facility refinanced in June 2017 with initial tenor until 2022 (plus two one-year extensions options) provides comfortable level of back-up liquidity

1. Except hybrid (issuance of hybrid bond as per July 2017) | 2. Formal lifetime of 60 years; first redemption right for Evonik in 2022



#### **Pensions** Pension funding overview as of Dec 31, 2016



Funding level increased to >65%

- Pensions very long-term, patient debt (>16 years) with no funding obligations in Germany
- DBO level in 2016 of €11.6 bn; Increase of €1.1 bn vs. 2015 mainly driven by change in discount rate esp. in Germany from 2.75% to 2.00%
- Funding ratio increased to >65%



#### Pensions Breakdown of P&L and cash flow effects

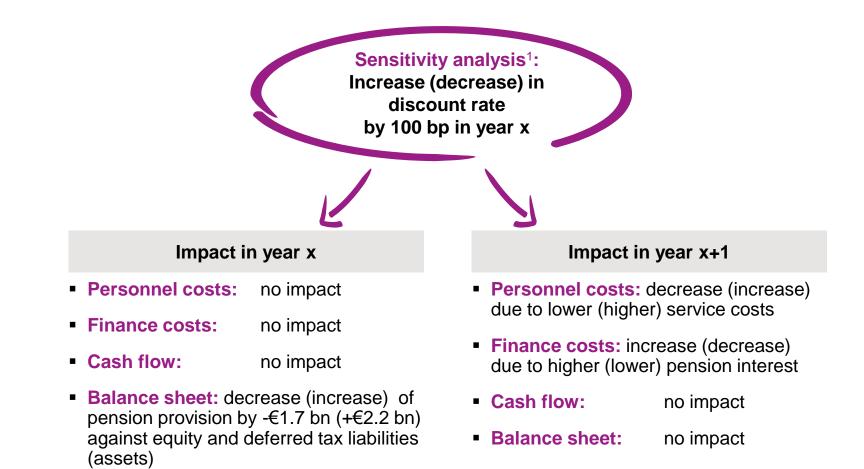
	in € m	P&L item / KPI	2015	2016	Annual report '16
P&L	Current service costs	Adj. EBITDA	-191	-180	p. 161
	Interest costs	Net interest expense	-281	-297	p. 161
	Exp. return on plan assets	Net interest expense	+185	+207	p. 162 / 163
	Other	Adj. EBITDA	-40	-44	p. 163
	Total pension expense		-327	-316	

	in € m	2015	2016	Annual report '16
	Benefits paid	-433	-428	p. 161
n 7	Benefits paid from plan assets	+185	+181	p. 162
	Contribution to plan assets (excl. CTA)	-145	-152	p. 162
	Payments under defined contribution plans	-156	-166	p. 163
	Total cash out for pensions (excl. CTA)	-549	-565	



Cash flow

### **Pensions** Sensitivity to discount rate changes

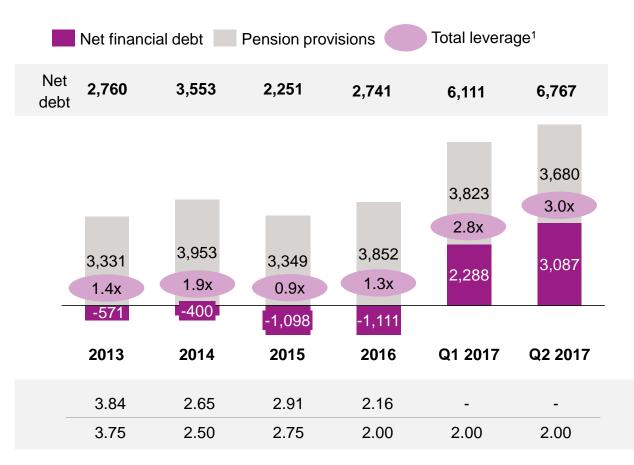




1. Excluding any effects from potential actuarial changes and changes in the valuation of plan assets

## Net debt development

#### (in € m)

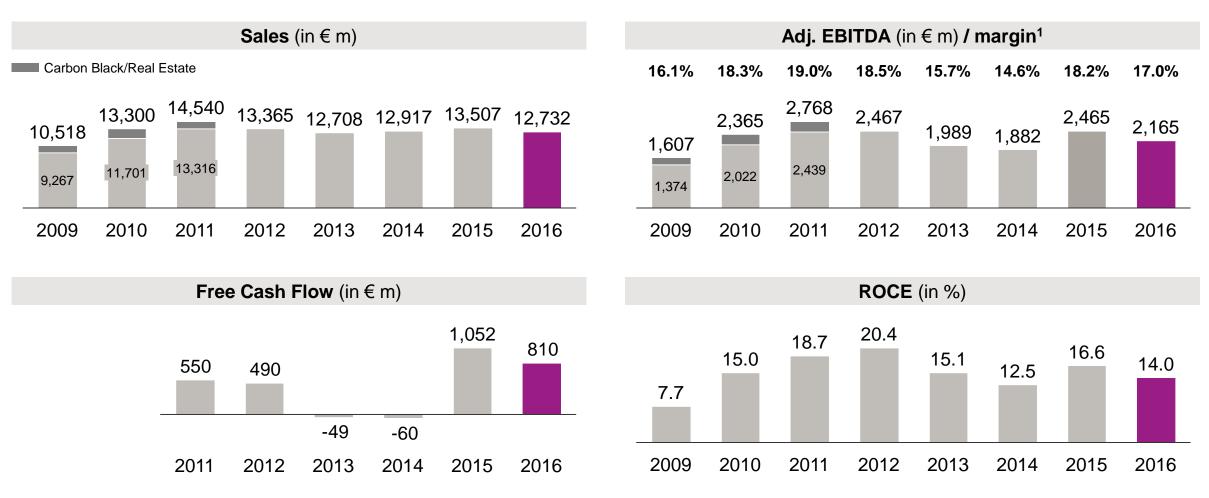


- Increase of net debt during 2017 mainly driven by purchase price payment for acquired Air Products activities
- Favorable financing conditions with weighted average coupon of only 0.74% p.a. on €3,150 m outstanding bonds<sup>3</sup>
- Well balanced debt maturity profile until 2028
- More than half of net debt consists of long-dated pension obligations; average life of DBO exceeds 15 years
- Pension provisions are partly balanced by corresponding deferred tax assets of ~€1.0 bn
- No change in pension discount rate (since year-end 2016)

Evonik Group global discount rate (in %)<sup>2</sup> Evonik discount rate for Germany (in %)



## **Financial track record**



**POWER TO CREAT** 

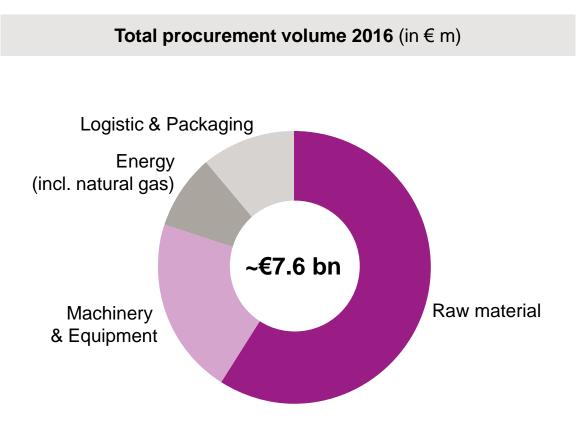
1. Excluding Carbon Black

## Segment overview by quarter

Sales (in € m)	Q1/16	Q2/16	Q3/16	Q4/16	FY 2016	Q1/17	Q2/17
Nutrition & Care	1,047	1,111	1,066	1,093	4,316	1,124	1,151
Resource Efficiency	1,120	1,156	1,117	1,081	4,473	1,391	1,368
Perf. Materials	772	829	797	846	3,245	972	916
Services	166	163	173	180	683	193	174
Corporate / Others	1	-1	11	5	15	3	4
Evonik Group	3,106	3,258	3,164	3,205	12,732	3,683	3,614
<b>Adj. EBITDA</b> (in € m)	Q1/16	Q2/16	Q3/16	Q4/16	FY 2016	Q1/17	Q2/17
Nutrition & Care	293	264	239	209	1,006	189	196
Resource Efficiency	256	270	262	189	977	310	318
Perf. Materials	64	105	104	98	371	159	169
Services	35	33	50	32	151	41	35
Corporate / Others	-83	-87	-77	-92	-340	-87	-83
Evonik Group	565	585	578	437	2,165	612	635



## **Raw material split**



# Oil price link of raw material spend<sup>1</sup> (examples)

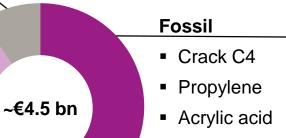
Dextroxe

Bio

- Fatty alcohols
- Tallow fatty acid
- Fatty acids
- tallow

#### Inorganic & other

- Sodium silicate
- Sodium hydroxide
- Silicon metal



- Acetone
- Methanol



1. Raw material spend 59% of total procurement volume in 2016

## Management compensation

Fixed salary ~1/3	<ul> <li>To be paid in cash for each financial year on a monthly ba</li> </ul>	asis
Bonus ~1/3	<ul> <li>To be paid out in cash annually</li> <li>Pay-out calculated on the basis of the achievement of certain, primarily value creation focused KPIs (e.g. ROCE, adj. net income, adj. EBITDA) and accident performance</li> </ul>	<ul> <li>Factor of between 0.8 and 1.2 to take into account the achievement of further individual targets</li> <li>Bonus capped at 200% of initial target</li> </ul>
Long-term incentive plan ~1/3	<ul> <li>Granted LTI target amount is calculated in virtual shares (4-year lock-up)</li> <li>Value of LTI to mirror the development of Evonik's share price (incl. dividends)</li> <li>Amount payable is determined by two performance elements</li> </ul>	<ul> <li>Absolute performance: Real price of the Evonik share</li> <li>Relative performance against external index benchmark (MSCI Chemicals)</li> <li>Bonus capped at 300% of initial amount</li> <li>To be paid out in cash after lock-up period</li> </ul>



## Six strong Innovation Growth Fields within the growth engines

Leveraging our core competencies into new highly attractive markets





## Evonik's sustainability performance publicly recognized

#### Our sustainability approach

- Sustainability is a core element in our corporate claim "Power to create"
- Evonik positions sustainability close to its operating businesses
- We focus our sustainability activities on 6 areas



#### 2016: Included in DJSI World and Europe

- Evonik well positioned in various ratings & rankings, e.g.
  - Investor CDP (A-; MDAX index/country leader)
  - Oekom Research (prime standard B-)
  - Sustainalytics (one of industry leaders)
  - Together for Sustainability/EcoVadis ("Gold Standard")



Sep 2016: Evonik included in the DJSI Index World and Europe for the first time; positioned as No 4 in chemical industry assessment worldwide



- 1. Acquisition of Air Products specialty additives business
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## **Upcoming IR events**

	Conferences & Roadshows	Upcomir
7-8 August	Roadshow London	3 November 2017
11 August	Roadshow Frankfurt	6 March 2018
22 August	Roadshow Zurich	
28-31 August	Roadshow USA & Canada	
14 September	Berenberg Food Ingredients & Chemicals Conference, London	
19 September	Berenberg/Goldman Sachs German Corporate Conference, Munich	
20 September	Baader Investment Conference, Munich	
28 September	JP Morgan Milan Investor Forum	

#### ng Events & Reporting Dates

Q3 2017 reporting

FY 2017 reporting



#### **Evonik Investor Relations team**



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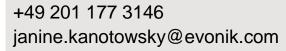


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