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- 02 | H1 2018
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## **FUCHS** at a glance



Established 3 generations ago as a family-owned business

More than **5,000** employees

Preference share is listed in the MDAX

No. 1 among the independent suppliers of lubricants

€2.5 bn sales in 2017

58 companies worldwide

The Fuchs family holds 55% of ordinary shares

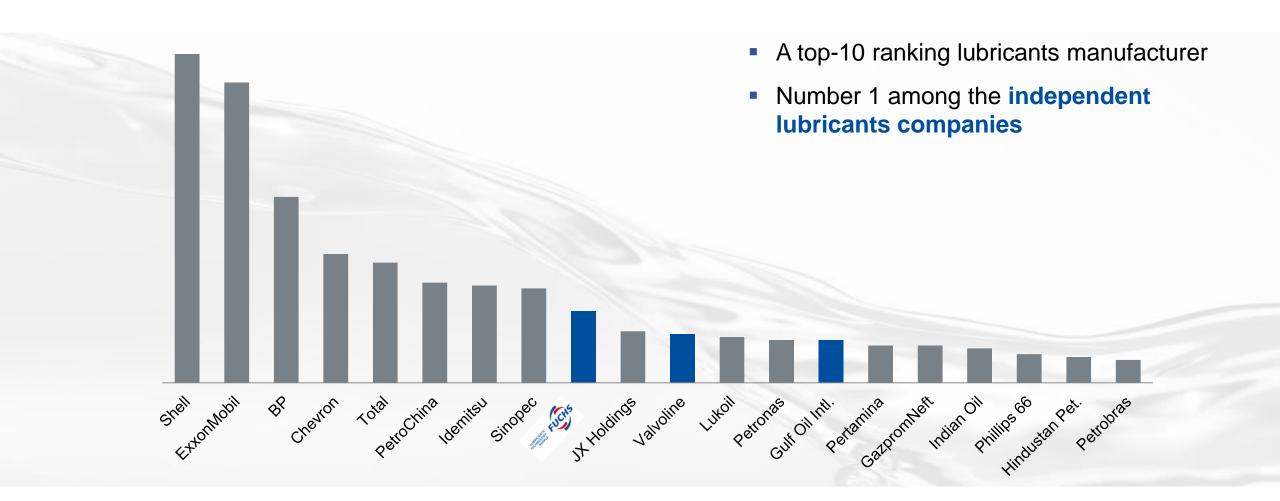
A full range of over

10,000

lubricants and related specialties









## Our unique business model is the basis for our competitive advantage

## Technology and innovation leadership in strategically important product areas

FUCHS is fully focussed on lubricants

Independency allows reliability, customer & market proximity (responsiveness and flexibility) and continuity

Advantage over major oil companies

FUCHS is a full-line supplier

Global presence, R&D strength, know-how transfer, speed

Advantage over independent companies

### We are where our customers are

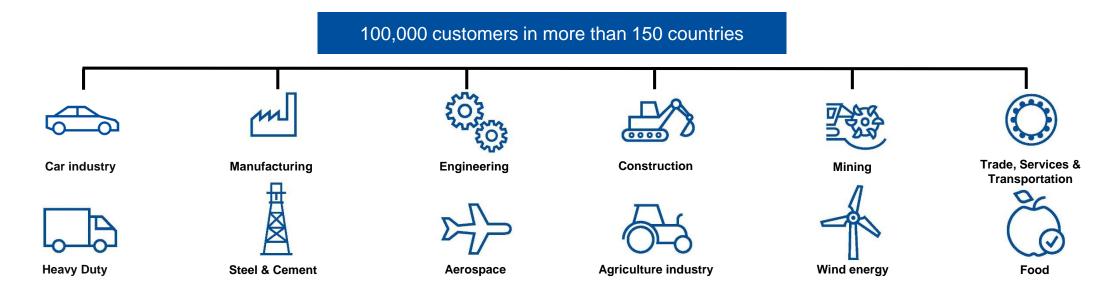




### Full-line supplier advantage



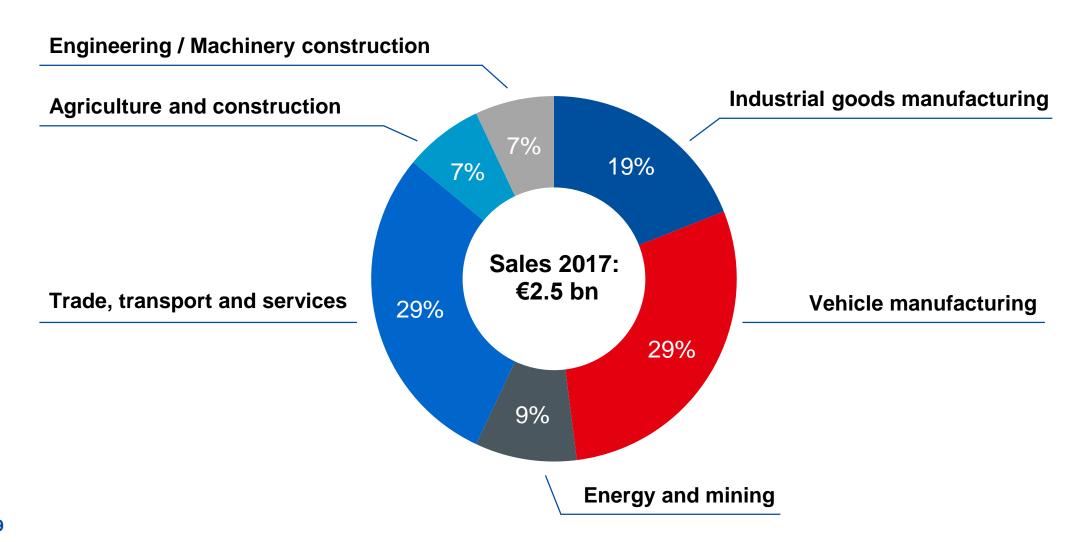






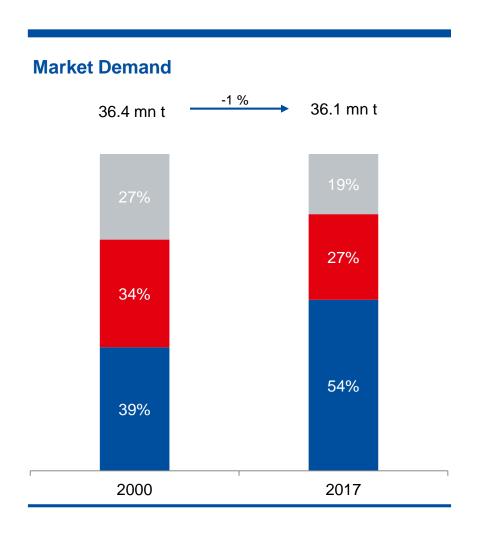
#### Well balanced customer structure

Top 20 Customers account for ~ 25% of 2017 sales

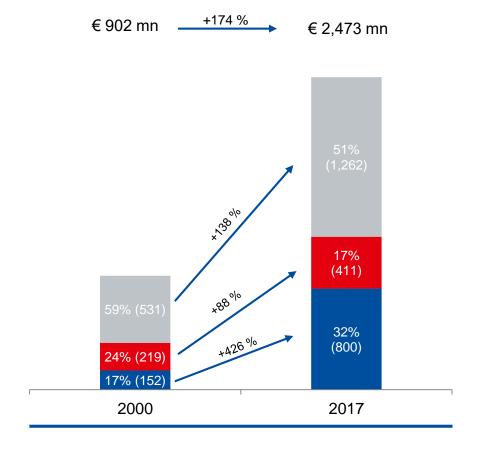








#### **FUCHS Sales (by customer location)**



## **FUCHS' Strategy**



#### **Profitable Growth:**

Internationalization of core activities

Local production in 33 plants

Global standards, processes and branding

#### People:

- Employer Branding
- Culture
- Talentmanagement
- Learning

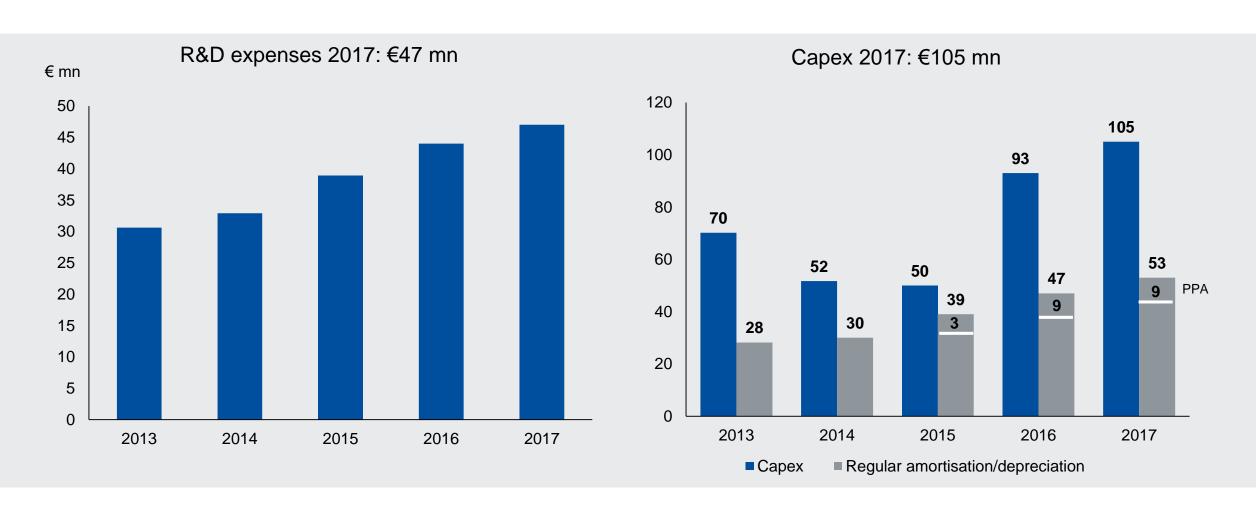
Utilize disruptions like e-mobility, digitalization, etc. as an opportunity

Agile network structure based on common values





R&D, capex, regular amortisation & depreciation





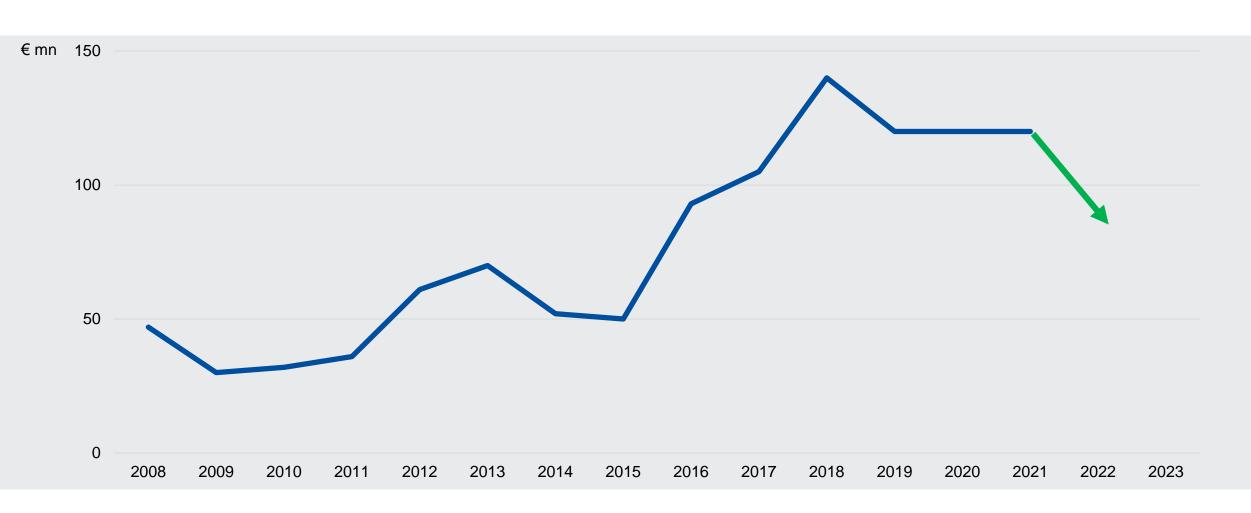
# Investment initiative Growth/replacement/efficiency

- For 2016 2018 around €300 mn capex was planned with focus on the expansion of Mannheim, Kaiserslautern and Chicago as well as new plants in China, Australia and Sweden. As of today we expect capex to be ~ €340 mn.
- From today's perspective more than €100 mn p.a. will be spent on growth and replacement investments as well as efficiency improvements in the years 2019 2021. The focus is on the expansion of the German, Chinese and US plants. Background is the significant volume increase, technological changes and a changed product mix.
- From 2022 onwards, investments should be back on par with the scheduled increased annual amortization/depreciation.

Maintenance capex amounting to the level of amortization/depreciation

### **Investment initiative**





## Strong track record of integrating businesses



			Revenues (p.a.)
2016	ULTRACHEM Chevron	Ultrachem (US) Chevron Lubricants (US)	€ 15 mn € 11 mn
2015	STATOIL PENTOSIN	Statoil Fuel & Retail Lubricants AB (SVE)  Deutsche Pentosin-Werke GmbH (GER)	€ 140 mn € 135 mn
2014	Batoyle Freedom Group	Lubritene (ZA) Batoyle (UK)	€ 15 mn
2010	CASSIDA food grade lubricans	Cassida (global)	€ 21 mn



## Highlights H1 2018



## Sales +5% to € 1,311 mn

- Continued strong organic growth across all three regions: Europe, Asia-Pacific, Africa and Americas
- Negative FX effect impacting sales and EBIT, expected to decline over the course of the year

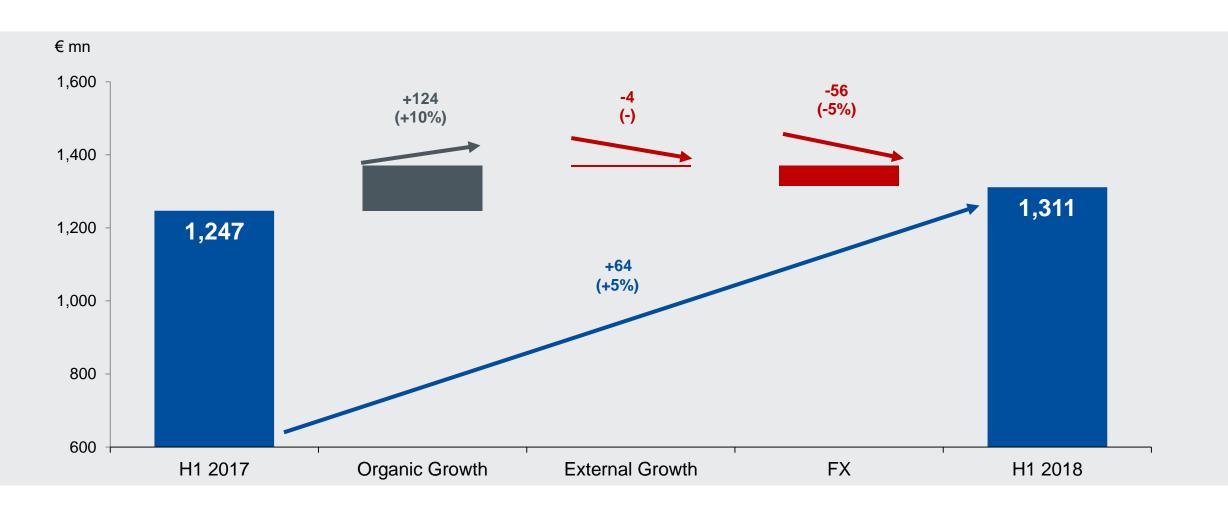
# EBIT increase by 2% to €193 mn

## **Outlook 2018 reaffirmed**

- Sales +3% to +6%
- EBIT +2% to +4%
- Free cash flow before acquisitions and FVA at previous year's level











	H1 2018 (€ mn)	H1 2017 (€ mn)	Growth	Organic	External	FX
Europe	791	751	+5%	+7%	-1%	-1%
Asia-Pacific, Africa	409	363	+13%	+19%	-	-6%
Americas	199	205	-3%	+10%	-	-13%
Consolidation	-88	-72	-	-	-	-
Total	1,311	1,247	+5%	+10%	0%	-5%



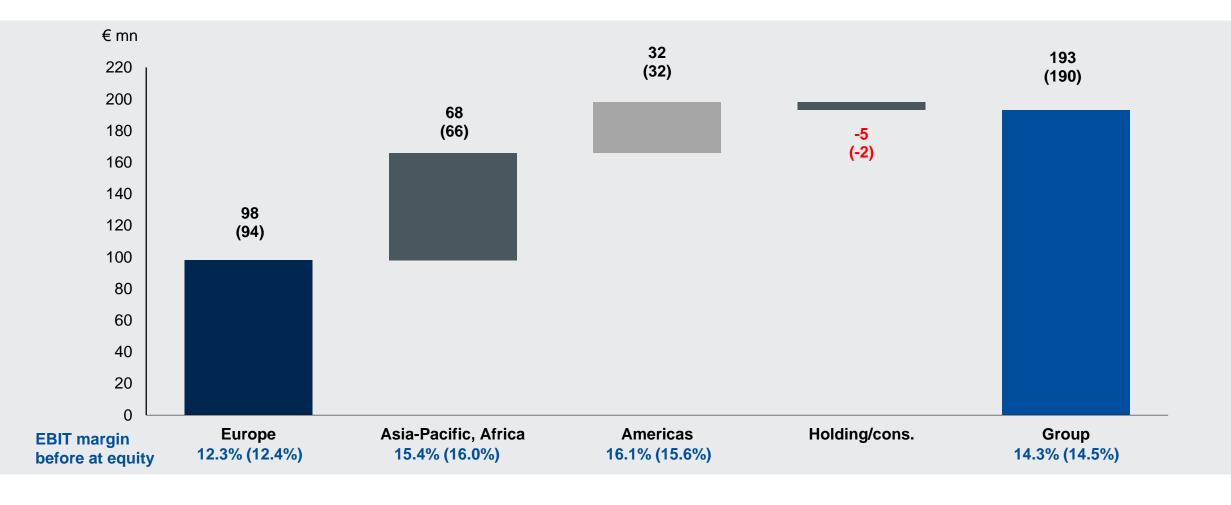


€ mn	H1 2018	H1 2017	Δ€ mn	Δ in %
Sales	1,311	1,247	64	5
Gross Profit	464	452	12	3
Gross Profit margin	35.4	36.2	-	-0.8 %-points
Other function costs	-276	-271	-5	2
EBIT before at Equity	188	181	7	4
At Equity	5	9	-4	-
EBIT	193	190	3	2
Earnings after tax	140	134	6	4





H1 2018 (H1 2017)







€ mn	H1 2018	H1 2017
Earnings after tax	140	134
Amortization/Depreciation	28	26
Changes in net operating working capital (NOWC)	-32	-67
Other changes	-10	1
Capex	-41	-41
Free cash flow before acquisitions	85	53
Acquisitions	-1	-1
Free cash flow	84	52





- Strong organic growth across all regions, particularly in Asia-Pacific, Africa
- Negative FX-effects continue to impact sales and earnings, but lower compared to Q1 18; Effect will most likely continue to weaken over the course of the year
- Before currency translation strong increase in gross profit as a result of higher volumes and sales prices
- Decrease in at Equity income mainly due to difficult economic situation in Saudi Arabia
- Increase in earnings after tax by 4%; tax rate decreased to 28% (31) due to lower withholding tax for dividends and due to the American tax reform
- Free cash flow up significantly year-on-year





Performance indicator	Actual 2017	Outlook 2018
Sales	€ 2,473 mn	+3% to +6%
EBIT	€ 373 mn	+2% to +4%
FUCHS Value Added	€ 250 mn	At previous year's level
Free cash flow before acquisitions	€ 142 mn	At previous year's level

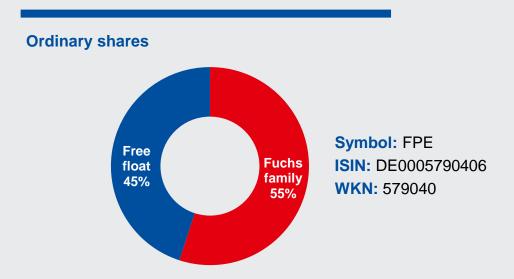
- Sales growth mainly driven by organic growth: volume and price
- Less than proportional increase in earnings expected due to a higher costs base as a result of investments in new and existing plants (growth/replacement/efficiency), spending for process improvements (e.g. IT), people and R&D



## **Breakdown ordinary & preference shares**

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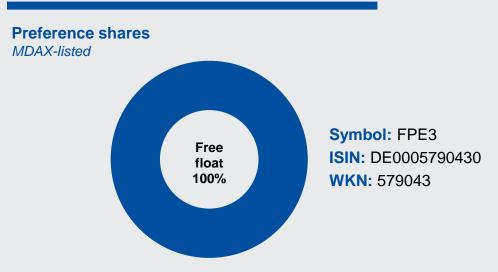
(June 30, 2017)



#### **Characteristics:**

Basis: 69,500,000 ordinary shares

- Dividend
- Voting rights



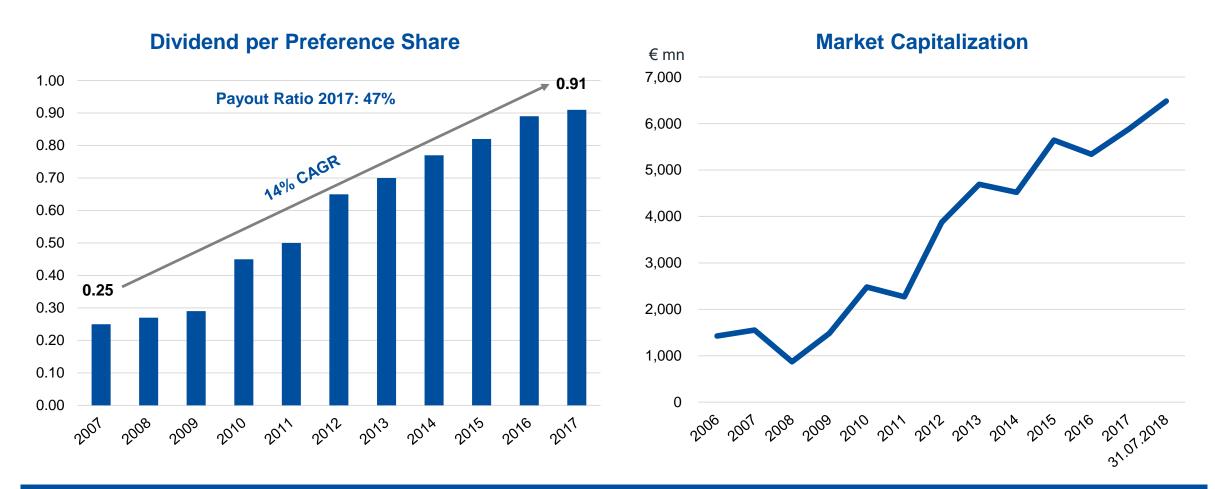
Basis: 69,500,000 preference shares

#### **Characteristics:**

- Dividend <u>plus</u> preference profit share (0.01€)
- Restricted voting rights in case of:
  - preference profit share has not been fully paid
  - exclusion of pre-emption rights (e.g. capital increase, share buyback, etc.)





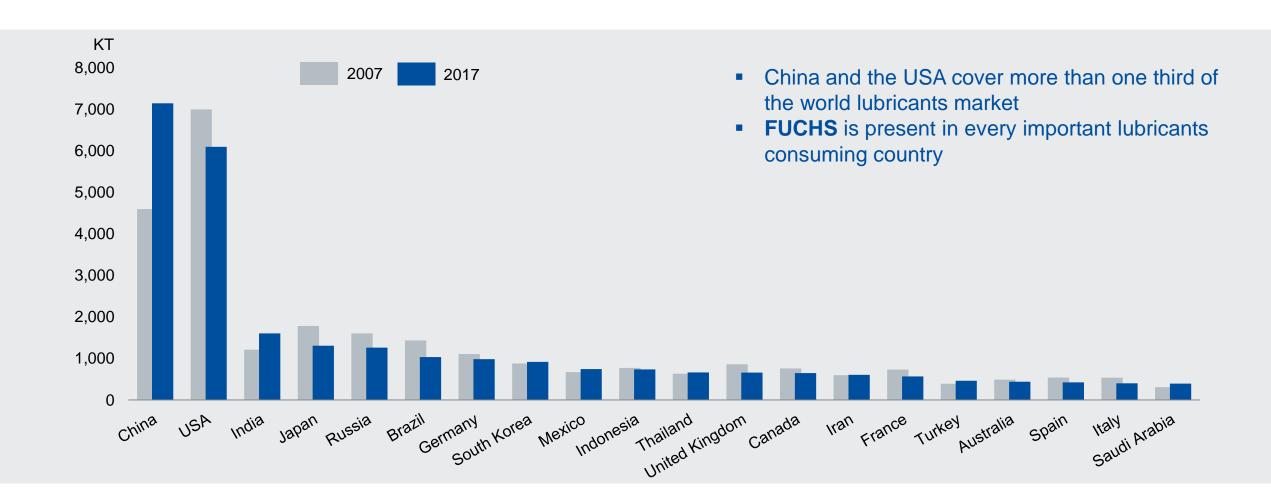


Our target: Increase the absolute dividend amount each year or at least maintain previous year's level.



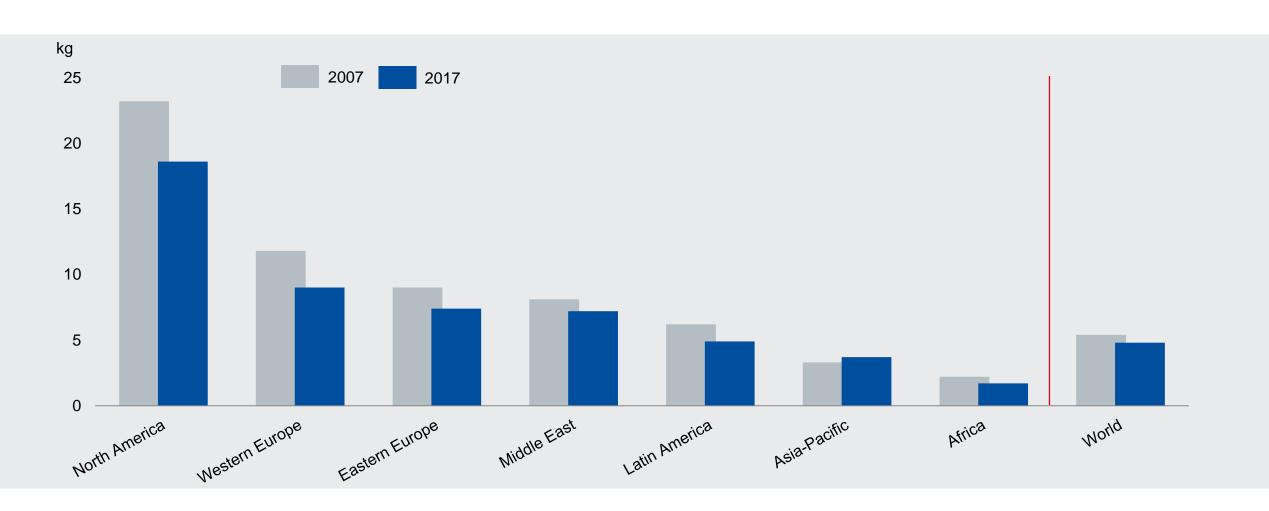






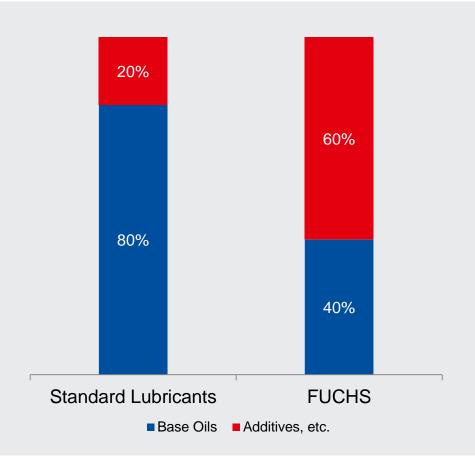










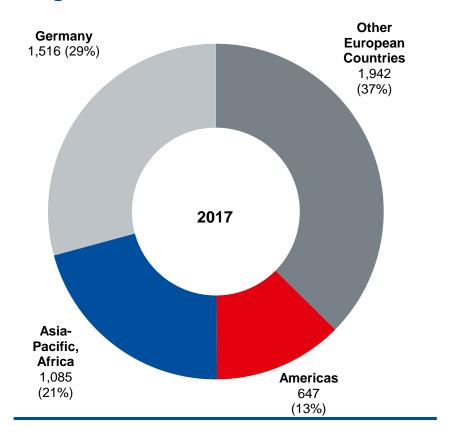


- Base oil prices do not necessarily follow crude oil prices
- No direct link between additives and crude oil prices. We even face price increases for certain raw materials where supply/demand is not balanced or special situations occur
- Special lubricants consist of less base fluid and more additives

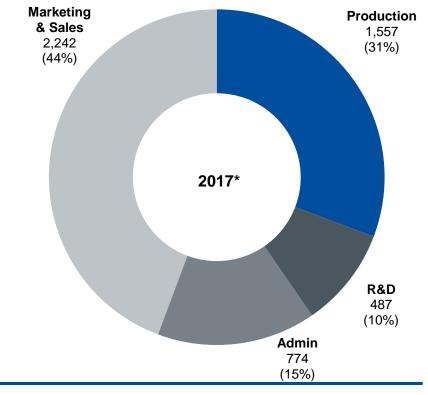
# Workforce Structure 5,190 employees globally



#### **Regional Workforce Structure**



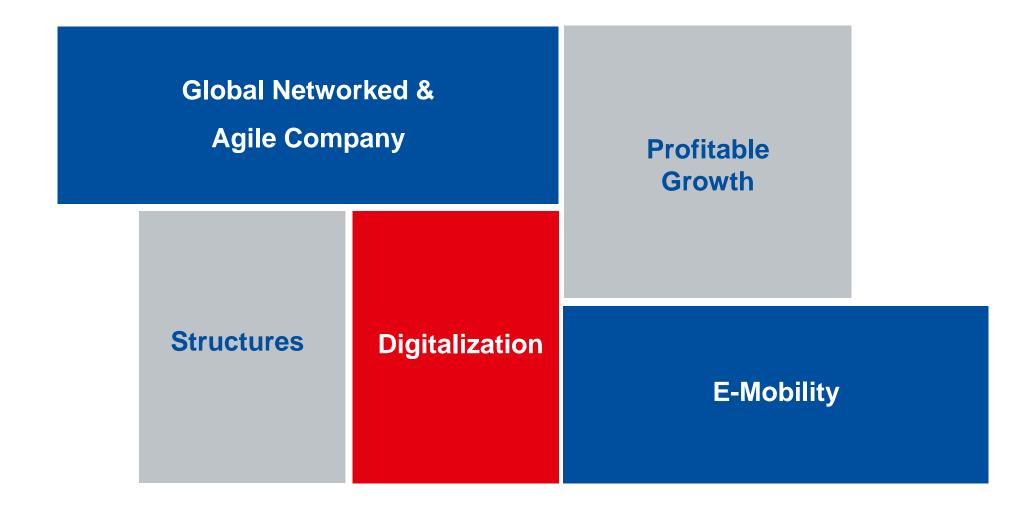
#### **Functional Workforce Structure**



\*Excl. 130 Trainee







## **FUCHS' 3C grease commitment**

#### Germany / USA / China



- Globally identical production equipment
- Globally identical finishing equipment
- Globally identical quality control test devices
- Globally similar raw materials
- Globally identical quality standards



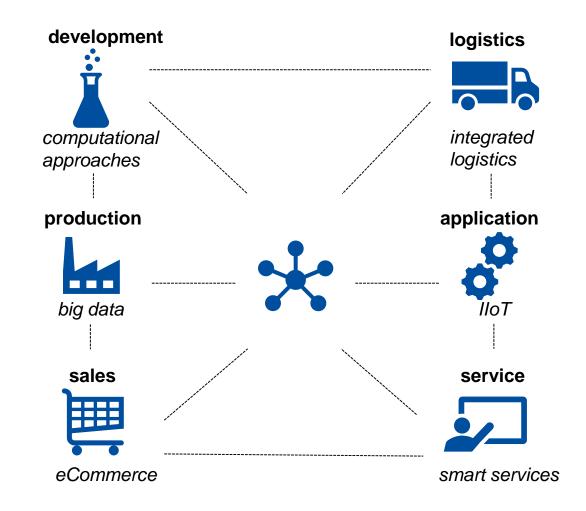


### Digitalisation will fundamentally change our value creation

With our "think tank" in the FUCHS family, inoviga GmbH, we created a unit aiming to deliberately engage in new ways of thinking and to be the driving force behind digitalization projects.

inoviga's mission:

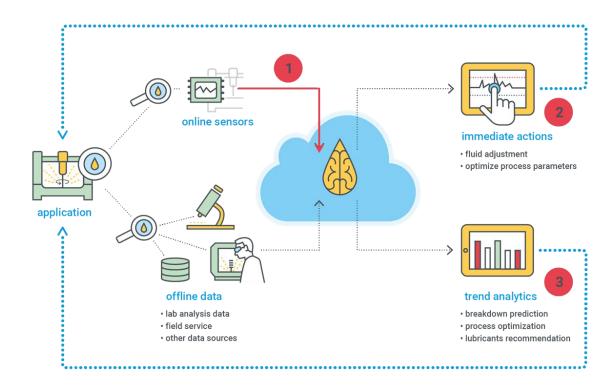
co-create next level FUCHS





## LUBRICANTS. TECHNOLOGY. PEOPLE.

#### How FluidVision fits into FUCHS' digitalization strategy



#### smart services: objectives

- Make the lubricant talk in real-time by introducing online condition monitoring via sensors
- Empower customers to take immediate actions to keep the lubricant and the machine healthy, preventing unplanned downtime

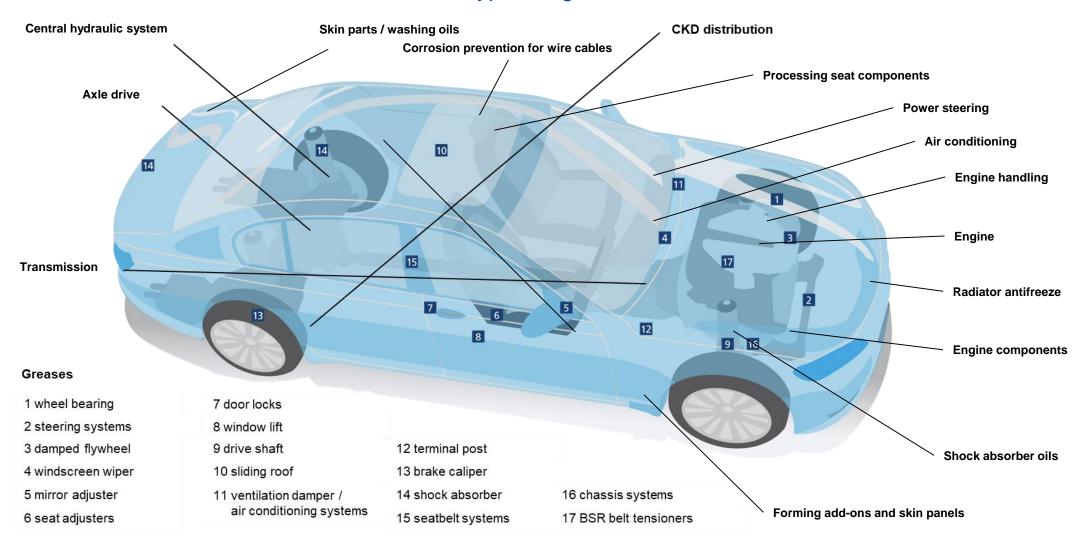
#### smart services: objectives

- FluidVision provides a setup to collect sensor information and forward these data to customers maintenance network as well to FUCHS' cloud based customer self service. (1)
- FluidVision therewith enhances our efforts to create input for immediate actions (2) as well as FUCHS' trend analytics (3) get enriched by live data



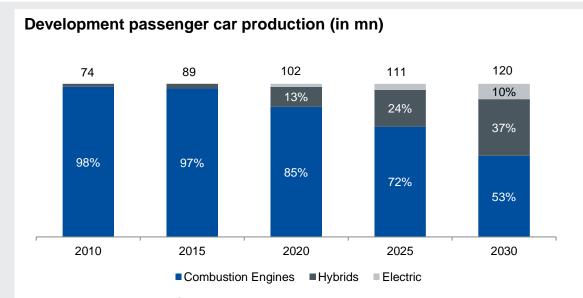
### Lubricant applications in passenger cars

In modern cars there are more than 30 different types of greases









- No market revolution expected:
   Evolution of existing technologies: Hybrids with efficient combustion engines will dominate the market
- Increasing demand of EVs mainly in larger cities with high traffic density across Europe, China and USA

Source:	IHS.	2017
oource.	11 10,	2017

Powertrain Applications	ICE	HEV	BEV
			C B
Engine oil	✓	✓	-
Transmission oil	✓	<b>√</b>	√ <i>1</i> -
Greases	✓	✓	<b>√</b>
Specialty greases	✓	+	+
Lubricants for Auxiliary systems	✓	+	+
Cooling & functional liquids	✓	+	+
		– Omitted ✓	Required + Increased



## Electric cars – new technology calls for new lubrication

- Electrification of cars will lead to new applications and higher requirements for existing applications
- Regardless of the powertrain type, every car needs a variety of other lubricant applications
- Combustion engines will face further efficiency improvements leading to higher requirements of existing lubricants (e.g. higher protection against deposits for turbocharged engines, higher heat and ageing stability for more compact engines)
- Hybrid cars with efficient combustion engines will place complex requirements for existing applications but also create new demand for new applications
- EVs will place whole new demand on gear oils, coolants, greases (e.g. contact with electrical currents and electromagnetic fields, higher heat emission, reduction gears with less gear steps and higher input speeds)
- FUCHS is used to quickly adapting to new market demands and is working on concrete methods to meet the challenges of the future mobility

Electrification is an opportunity for FUCHS to further strengthen its market leadership with technically advanced solutions

# LUBRICANTS. TECHNOLOGY. PEOPLE.

## EU project ODIN - Cooperation with BOSCH, Renault and GKN

### Goal:

Optimal integration of a high speed electric motor with a multi-speed gear train in a <u>single</u> gearbox/housing, including the power electronics and thermal management unit. The resulting integrated electric drive shall be as compact and lightweight as possible to fit into a sub-compact, compact urban vehicle and must clearly demonstrate a significant cost reduction potential

### **Lubricant requirements:**

Special fluid for gearing, bearings and cooling incl. power electronics





















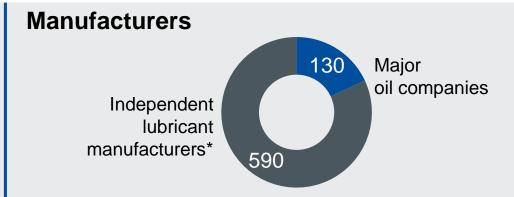


## Further market consolidation to be expected

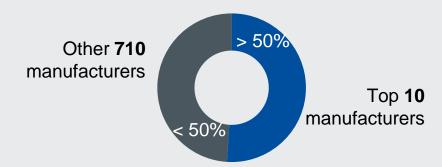


- High degree of fragmentation
- Concentration especially amongst smaller companies

Differences are enormous



### **Market Shares**





# Long-term objective: Focus on Shareholder Value

### **Drive returns**

- Organic growth through strict customer focus, geographic expansion and product innovation
- Improve operating profitability through margin and mix management, operating cost management and efficiency improvements

### **Optimize capital**

- Capex with returns above WACC
- Manage NOWC

### Strengthen portfolio

- Reinvest in the business
- Acquisitions





# Cash allocation priority

Reinvest in the business

Return cash to shareholders

Capex

Stable Dividends

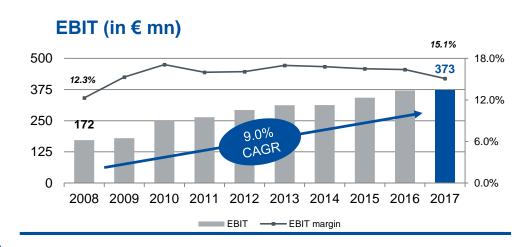
Acquisitions

Share Buyback

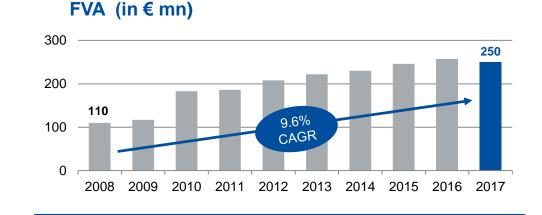


# Unique track record for continued profitability and added value





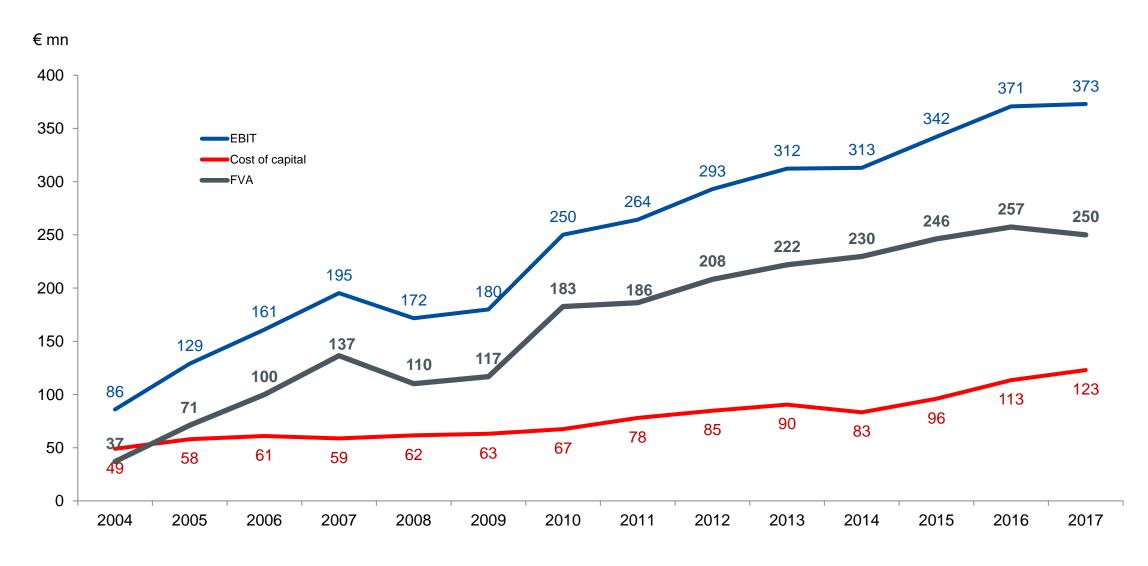








# **Development EBIT – Cost of Capital – FVA**





# EBIT increase of 1% in 2017

€ mn	2013	2014	2015	2016	2017	Δ 16/17
Sales	1,832	1,866	2,079	2,267	2,473	9.1%
Gross Profit	690	693	791	851	882	3.6%
Gross Profit margin	37.7%	37.2%	38.1%	37.5%	35.7%	-1.8 %-points
Other function costs	-391	-400	-467	-499	-526	5.4%
EBIT before at Equity	299	293	324	352	356	1.1%
EBIT margin before at Equity	16.3%	15.7%	15.6%	15.5%	14.4%	-1.1 %-points
At Equity	13	20	18	19	17	-10.5%
EBIT	312	313	342	371	373	0.5%
EBIT margin	17.0%	16.8%	16.5%	16.4%	15.1%	-1.3 %-points
EBITDA	340	343	381	418	432	3.3%
EBITDA margin	18.6%	18.4%	18.3%	18.4%	17.5%	-0.9 %-points

## **Regional Sales and EBIT development**

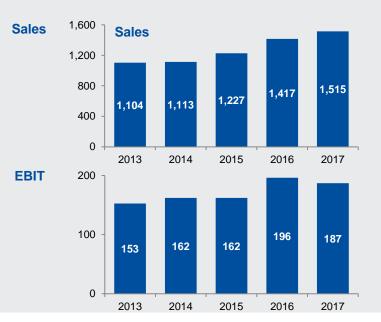




### **Europe 2017**

Sales: + 6.9% EBIT: - 4.6%

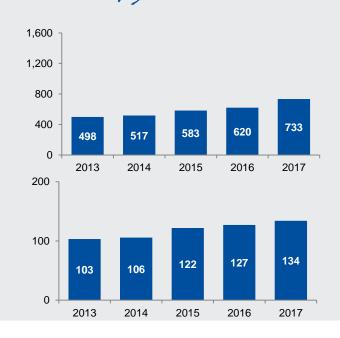
Employees: 3,349 (3,253)



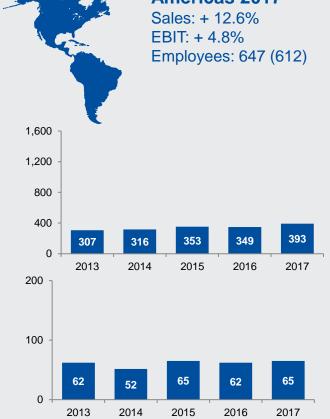
### **Asia-Pacific, Africa 2017**

Sales: + 18.2% EBIT: + 5.5%

Employees: 1,085 (1,062)



### **Americas 2017**







# Solid balance sheet and strong cash flow generation

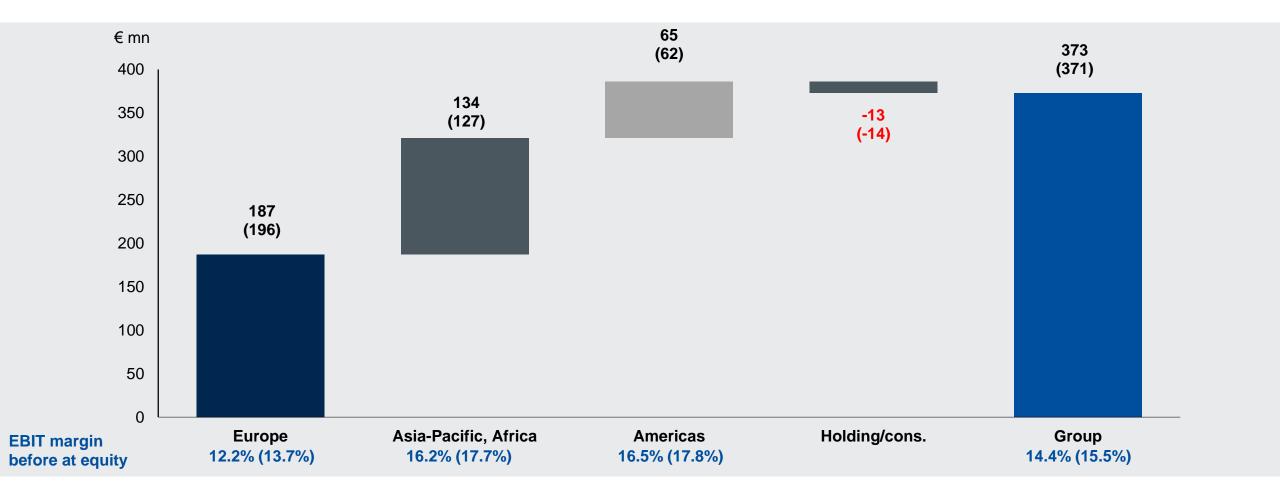
€mn	2013	2014	2015	2016	2017
Total assets	1,162	1,276	1,490	1,676	1,751
Goodwill	82	88	166	185	173
Equity	854	916	1,070	1,205	1,307
Equity ratio	74%	72%	72%	72%	75%

€ mn	2013	2014	2015	2016	2017
Net liquidity	167	186	101	146	160
Operating cash flow	221	255	281	300	242
Capex	70	52	50	93	105
Free cash flow before acquisitions	150	210	232	205	142
Free cash flow	150	188	62	164	140





FY 2017 (FY 2016)





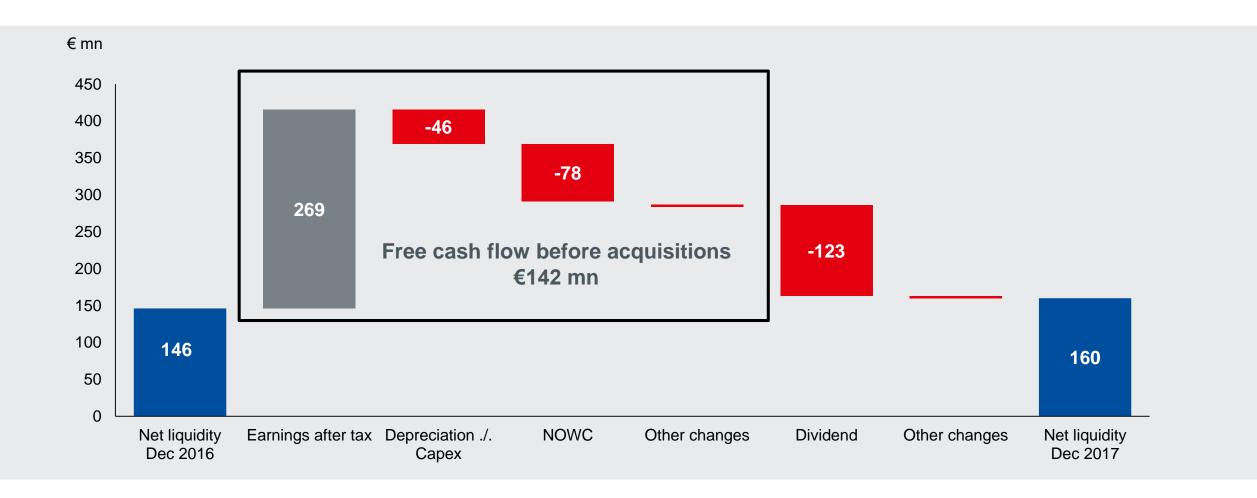


€ mn	FY 2017	FY 2016
Earnings after tax	269	260
Amortisation/Depreciation & Impairment	59	47
Changes in net operating working capital (NOWC)	-78	-22
Other changes	-3	13
Capex	-105	-93
Free cash flow before acquisitions	142	205
Acquisitions	-2	-46
Free cash flow	140	164



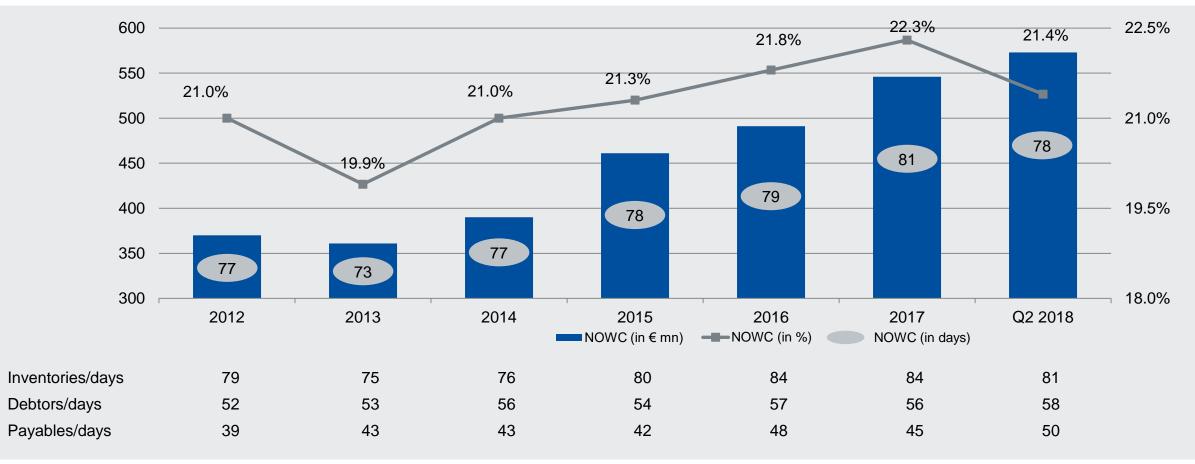
# **Net Liquidity 2017**





# **Net operating working capital (NOWC)\***



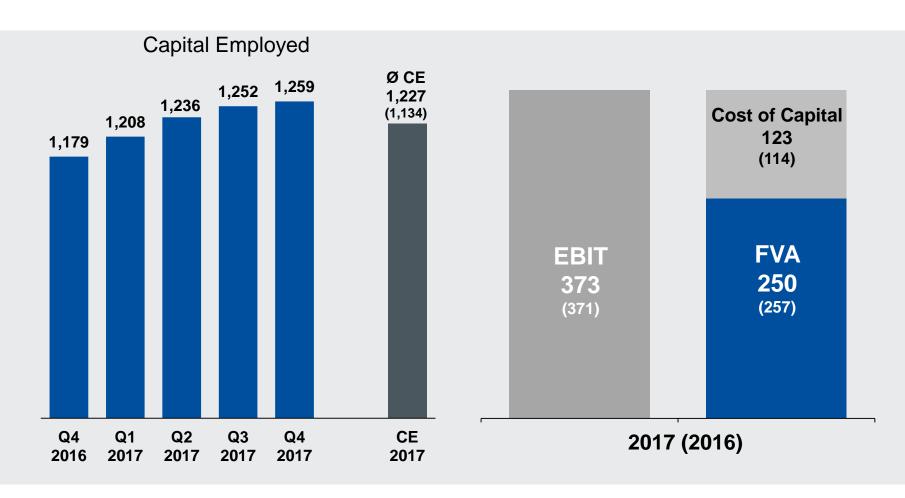


<sup>\*</sup> In relation to the annualized sales revenues of the last quarter

## **FUCHS Value Added (FVA)**











- Mainly volume driven organic sales growth; stronger euro in the second half of the year results in slight negative FX-effects for the full year
- Higher raw material prices, planned increase in costs as well as changes in product/customer mix lead to a less than proportional increase in earnings
- Raw material price increases can only be passed on with a time lag
- Goodwill impairment in Sweden (€ 6 mn)
- Increased amount of income of reversals netted with additions of write downs of trade receivables (+ €4 mn)
- Increase in earnings after tax stronger than EBIT growth mainly due to the American tax reform
- Strong international business lead to higher inventories
- Capex increase according to plan
- Free cash flow below previous year due to the significant business-related increase in net operating working capital especially as a result of the strong sales growth in Asia-Pacific, Africa





# **Quarterly income statement**

€ mn		20	15			20	16			20	17			201	8	
€ mm	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Sales	493	515	531	540	550	586	567	564	618	629	615	611	643	668		
Gross Profit	188	200	203	200	206	221	214	210	226	226	215	215	225	239		
Gross Profit margin (in %)	38.1	38.8	38.2	37.1	37.4	37.7	37.8	37.1	36.6	35.8	35.0	35.2	35.0	35.8		
Other function costs	-110	-113	-118	-126	-126	-128	-125	-120	-137	-134	-129	-126	-136	-140		
EBIT before at Equity	78	87	85	74	80	93	89	90	89	92	86	89	89	99		
EBIT margin before at Equity (in %)	15.8	16.8	16.0	13.9	14.6	15.8	15.8	15.9	14.5	14.5	14.1	14.6	13.8	14.8		
At Equity	4	3	4	7	5	5	5	4	5	4	5	3	3	2		
EBIT	82	90	89	81	85	98	94	94	94	96	91	92	92	101		
EBIT margin (in %)	16.6	17.5	16.8	15.0	15.5	16.6	16.5	16.8	15.3	15.1	14.8	15.1	14.3	15.1		
EBITDA	90	99	100	92	97	109	105	107	107	109	105	111	106	115		
EBITDA margin (in %)	18.3	19.1	18.8	17.1	17.6	18.7	18.6	18.8	17.4	17.3	17.0	18.2	16.5	17.2		





Sales (€ mn)			2015		
Sales (C IIII)	Q1	Q2	Q3	Q4	FY
Europe	278	293	321	335	1,227
Asia-Pacific, Africa	147	155	141	140	583
Americas	88	88	91	86	353
Consolidation	-20	-21	-22	-21	-84
FUCHS Group	493	515	531	540	2,079

		2016		
Q1	Q2	Q3	Q4	FY
349	372	359	337	1,417
144	154	153	169	620
85	87	88	89	349
-28	-27	-33	-31	-119
550	586	567	564	2,267

		2017		
Q1	Q2	Q3	Q4	FY
368	383	391	373	1,515
181	182	181	189	733
104	101	97	91	393
-35	-37	-54	-42	-168
618	629	615	611	2,473

		2018		
Q1	Q2	Q3	Q4	FY
396	395			
199	210			
95	104			
-47	-41			
643	668			

Δ Y-o-Y in %
Europe
Asia-Pacific, Africa
Americas
Consolidation
FUCHS Group

		2016		
Q1	Q2	Q3	Q4	FY
25.5	26.8	11.8	0.7	15.5
-1.4	-1.1	7.9	21.1	6.3
-4.3	-0.5	-3.0	3.3	-1.2
-	-	-	-	-
11.7	13.8	6.7	4.4	9.0

		2017		
Q1	Q2	Q3	Q4	FY
5.3	3.1	8.7	10.7	6.9
25.1	18.8	18.6	11.8	18.2
22.7	15.4	10.9	2.2	12.6
-	-	-	-	-
12.4	7.3	8.6	8.3	9.1

	2018							
Q1	Q2	Q3	Q4	FY				
8	3							
10	15							
-9	3							
-	-							
4	6							



# **Quarterly sales growth split by regions**

Organic Growth (in %)			2016					2017					2018		
organic Growth (in %)	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY
Europe	1.8	4.7	4.7	2.7	3.5	5.5	3.3	9.0	11.0	7.1	9	5			
Asia-Pacific, Africa	2.0	2.5	11.0	22.5	9.2	20.9	17.1	23.0	18.3	19.7	18	19			
Americas	-3.4	1.8	-4.0	-1.5	-1.8	9.0	6.4	12.7	10.1	9.4	7	14			
FUCHS Group	1.1	3.7	3.0	5.2	3.3	9.3	5.7	10.2	11.3	9.1	10	10			
Estamal Crowth (in 9/)			2016					2017					2018		
External Growth (in %)	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY
Europe	24.9	24.4	9.3	-	14.0	-	-	-	-	-	-	-1			
Asia-Pacific, Africa	2.9	4.8	-	-	2.0	-	-	-	-	-	-	-			
Americas	2.0	3.4	2.1	3.0	2.6	7.4	5.5	4.3	2.2	4.9	-	-			
FUCHS Group	13.7	14.9	6.0	0.5	8.6	1.1	0.8	0.7	0.4	0.8	-	-			
			2016					2017					2018		
FX Effects (in %)	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY
Europe	-1.2	-2.3	-2.2	-2.0	-2.0	-0.2	-0.2	-0.3	-0.3	-0.2	-1	-1			
Asia-Pacific, Africa	-6.3	-8.4	-3.1	-1.4	-4.9	4.2	1.7	-4.4	-6.5	-1.5	-8	-4			
Americas	-2.9	-5.7	-1.1	1.8	-2.0	6.3	3.5	-6.1	-10.1	-1.7	-16	-11			
FUCHS Group	-3.1	-4.8	-2.3	-1.3	-2.9	2.0	0.8	-2.3	-3.4	-0.8	-6	-4			





EBIT (€ mn)			2015		
LBIT (CIIII)	Q1	Q2	Q3	Q4	FY
Europe	39	44	45	34	162
Asia-Pacific, Africa	27	32	28	35	122
Americas	17	16	17	15	65
Consolidation	-1	-2	-1	-3	-7
FUCHS Group	82	90	89	81	342

		2016		
Q1	Q2	Q3	Q4	FY
43	52	54	47	196
29	32	29	37	127
15	17	15	15	62
-2	-3	-4	-5	-14
85	98	94	94	371

	2017		
Q2	Q3	Q4	FY
48	52	41	187
32	32	36	134
15	18	15	65
1	-11	0	-13
96	91	92	373
	48 32 15	48 52 32 32 15 18 1 -11	48     52     41       32     32     36       15     18     15       1     -11     0

		2018		
Q1	Q2	Q3	Q4	FY
49	49			
33	35			
14	18			
-4	-1			
92	101			

Δ Y-o-Y in %					
Europe					
Asia-Pacific, Africa					
Americas					
Consolidation					
FUCHS Group					

		2016		
Q1	Q2	Q3	Q4	FY
9.4	19.6	19.8	35.2	20.5
9.8	-2.2	2.9	7.1	4.3
-8.5	0	-9.7	3.4	-4.0
-	-	-	-	-
4.3	8.5	4.7	16.2	8.3

		2017		
Q1	Q2	Q3	Q4	FY
6.0	-7.3	-3.3	-12.8	-4.6
15.4	2.5	8.3	-2.7	5.5
11.9	-6.7	12.0	0	4.8
-	-	-	-	-
10.8	-2.4	-2.8	-2.1	0.5

	2018							
Q1	Q2	Q3	Q4	FY				
7	2							
-3	9							
-18	20							
-	-							
-2	5							

### **The Executive Board**





**Stefan Fuchs:** CEO, Corporate Development, HR, PR, Americas



**Dr. Lutz Lindemann:** R&D, Technology, Supply Chain, Sustainability, OEM, Mining



Dr. Timo Reister: Asia-Pacific, Africa



**Dr. Ralph Rheinboldt:** Europe, LUBRITECH, SAP/ERP-Systems



**Dagmar Steinert:** CFO, Finance, Controlling, IR, Compliance, Internal Audit, IT, Legal, Tax

## **Executive Compensation & FUCHS Shares**



**Executive Board** 

25%

of variable compensation

must be invested in FUCHS preference shares with a 3 year lock-up period

**Supervisory Board** 

50%

of variable compensation

must be invested in FUCHS preference shares with a lock-up period of 5 years. The vesting period is waived when the member leaves the Supervisory Board





### **Financial Calendar**

October 30, 2018	Quarterly Statement Q3 2018
March 20, 2019	Full Year Results 2018
May 7, 2019	Annual General Meeting 2019

### **Investor Relations**

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