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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

58 companies worldwide

The Fuchs family holds 54% of ordinary shares

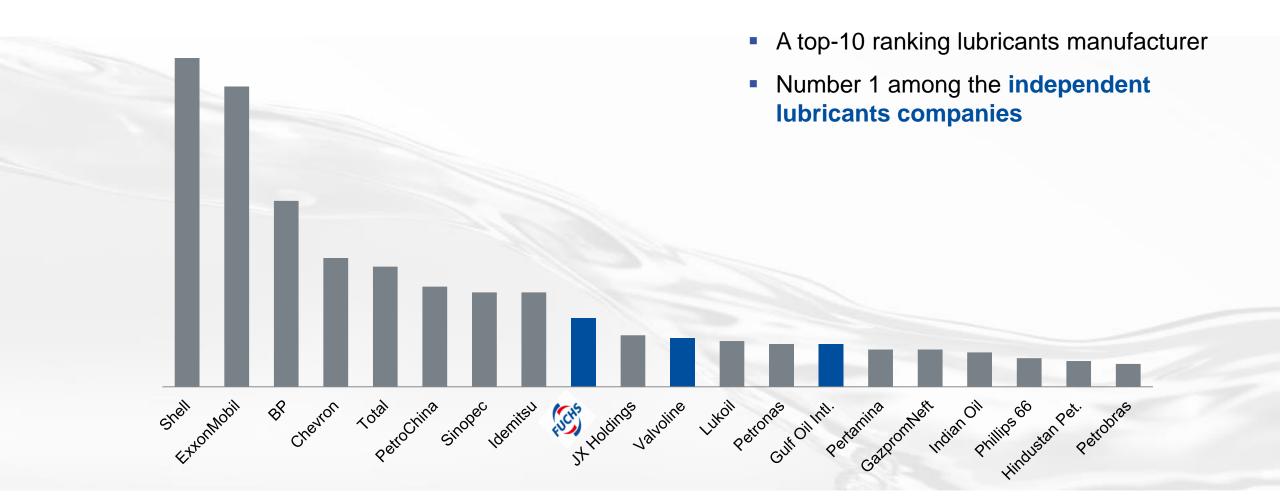
A full range of over

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

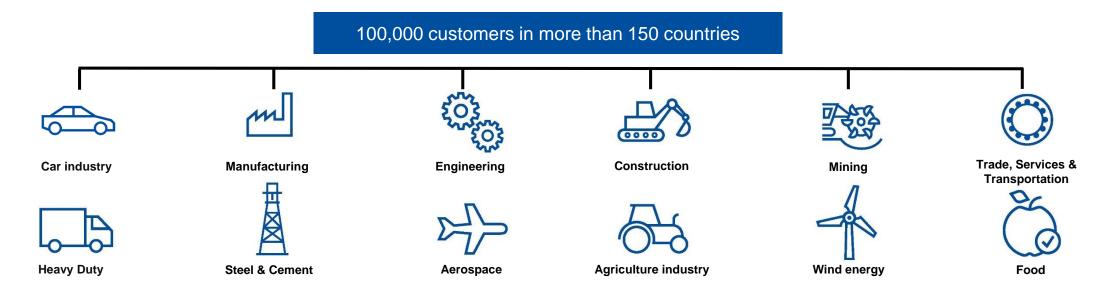








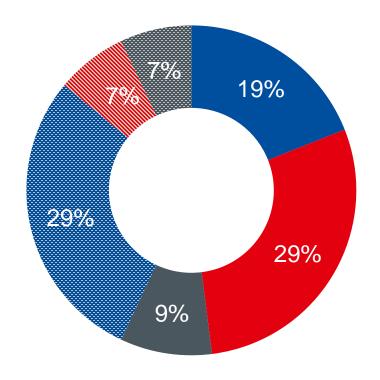








FUCHS sales revenues 2017: €2.5 bn

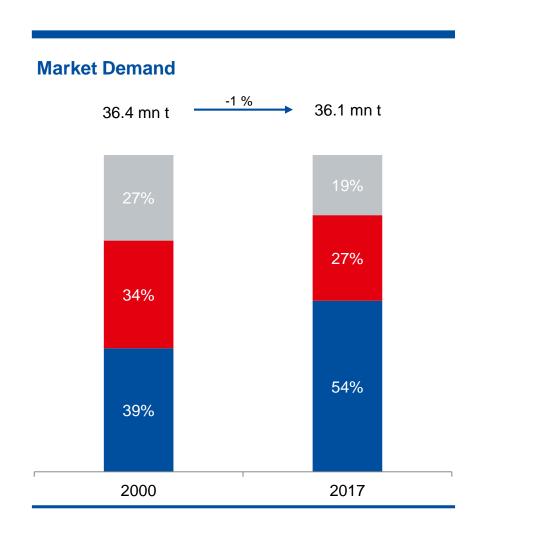


- Industrial goods manufacturing
- Vehicle manufacturing
- Energy and mining
- Trade, transport and services
- Agriculture and construction
- Engineering / machinery construction

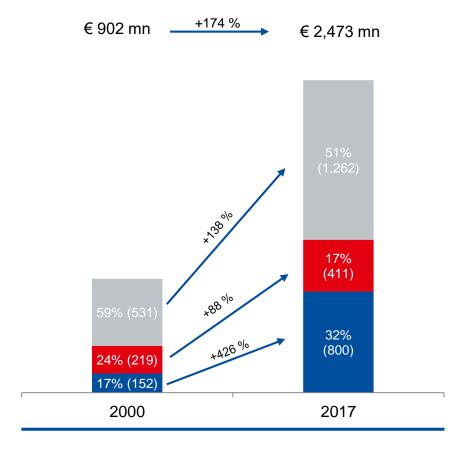
Top 20 Customers account for ~ 25% of 2017 sales







#### **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

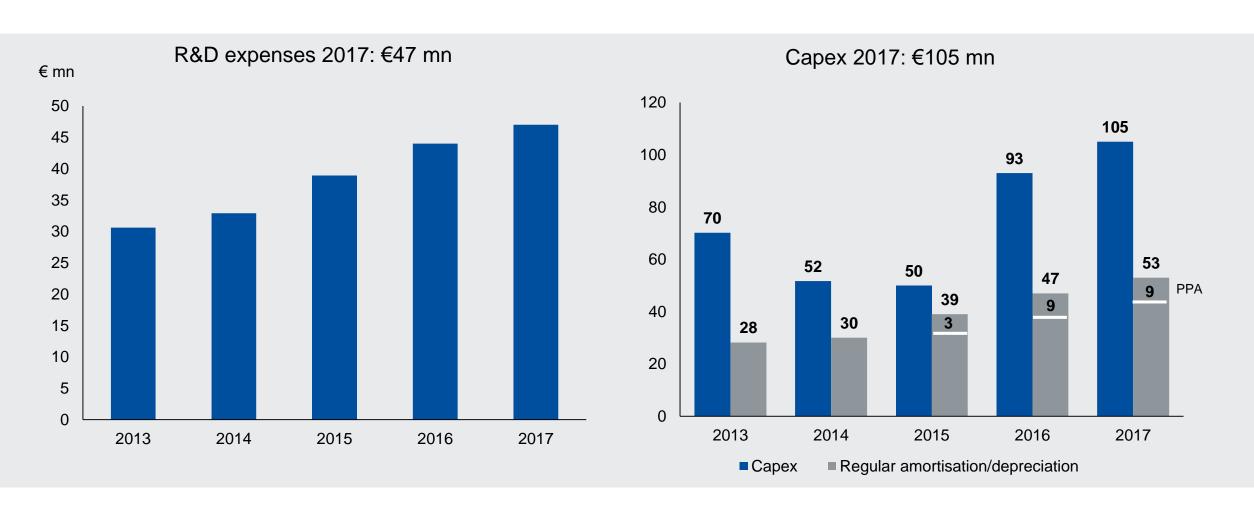
Utilize disruptions like e-mobility, digitalization, etc. as an opportunity

Agile network structure based on common values





R&D, capex, regular amortisation & depreciation





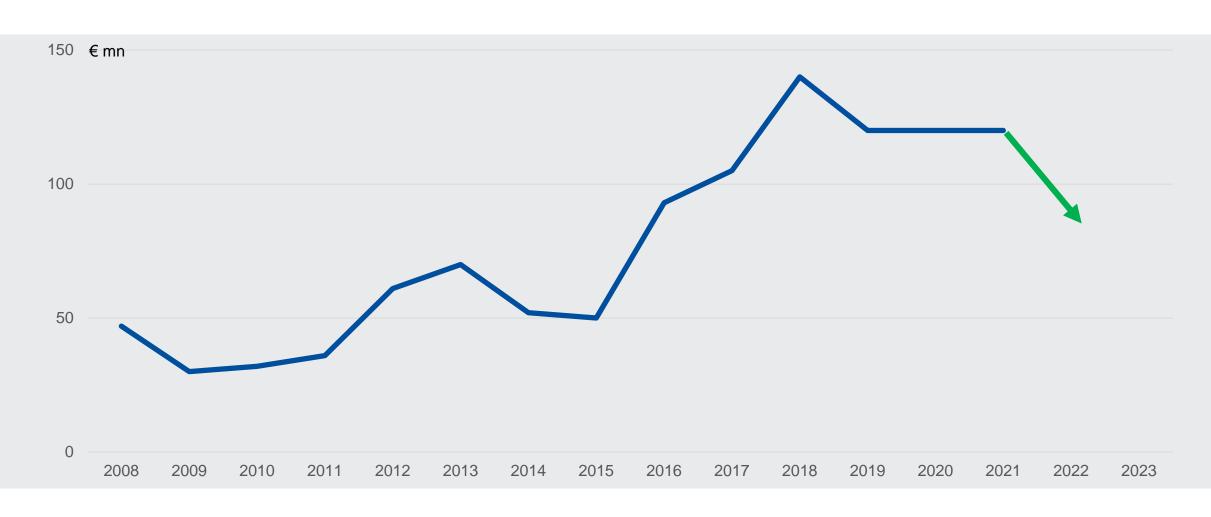
# Investment initiative Growth/replacement/efficiency

- 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**





# **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







			Revenues (p.a.)
2016	ULTRACHEM	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 € 15 mn
2010	CASSIDA tood grade Libricaris	Cassida (global)	€ 21 mn



## **Highlights FY 2017**



Sales +9% to €2.5 bn

- Strong organic growth in Asia-Pacific, Africa and Americas
- Slight external growth in North America
- Slight negative currency effect

EBIT +1% to €373 mn

**EPS +4%** 

Dividend +2%

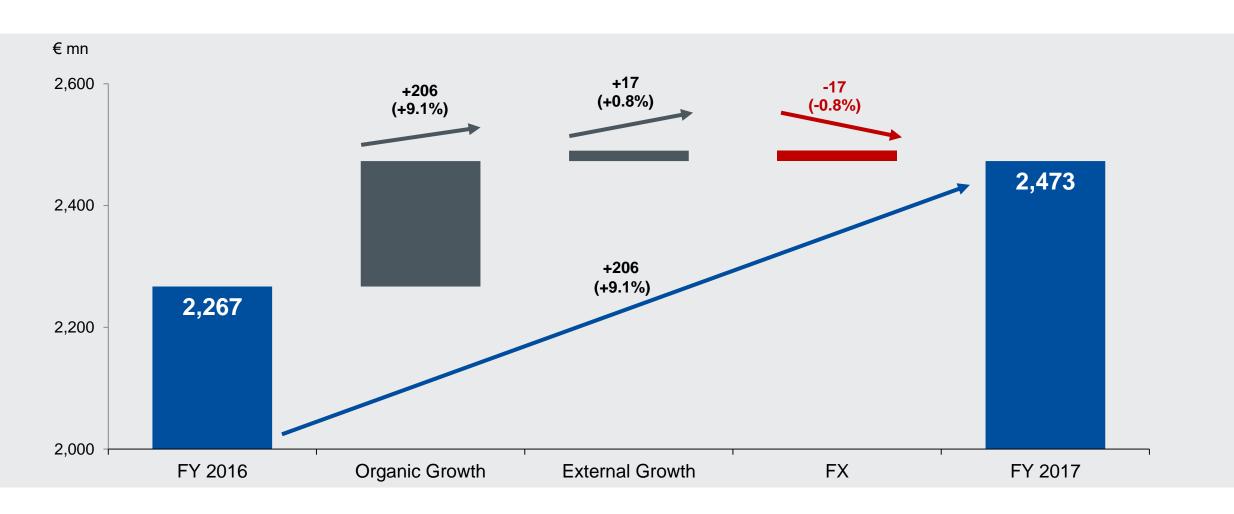
to €0.91 per pref. share / €0.90 per ord. share

## Outlook 2018

- Sales +3% to +6%
- EBIT +2% to 4%
- Free cash flow before acquisitions at FY17 level

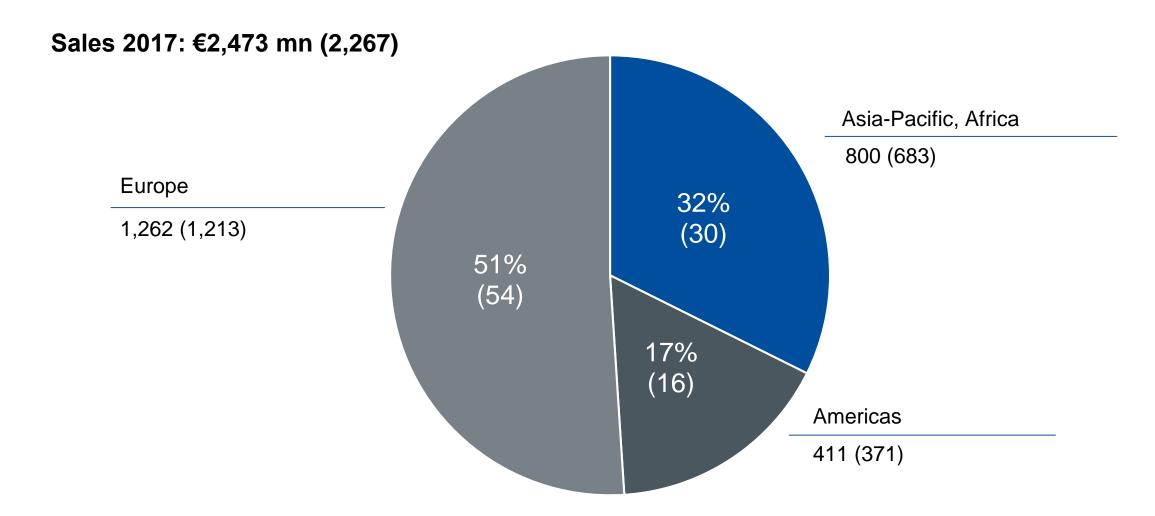
















	FY 2016 (€ mn)	FY 2017 (€ mn)	Growth	Organic	External	FX
Europe	1,417	1,515	+6.9%	+7.1%	-	-0.2%
Asia-Pacific, Africa	620	733	+18.2%	+19.7%	-	-1.5%
Americas	349	393	+12.6%	+9.4%	+4.9%	-1.7%
Consolidation	-119	-168	-	-	-	-
Total	2,267	2,473	+9.1%	+9.1%	+0.8%	-0.8%

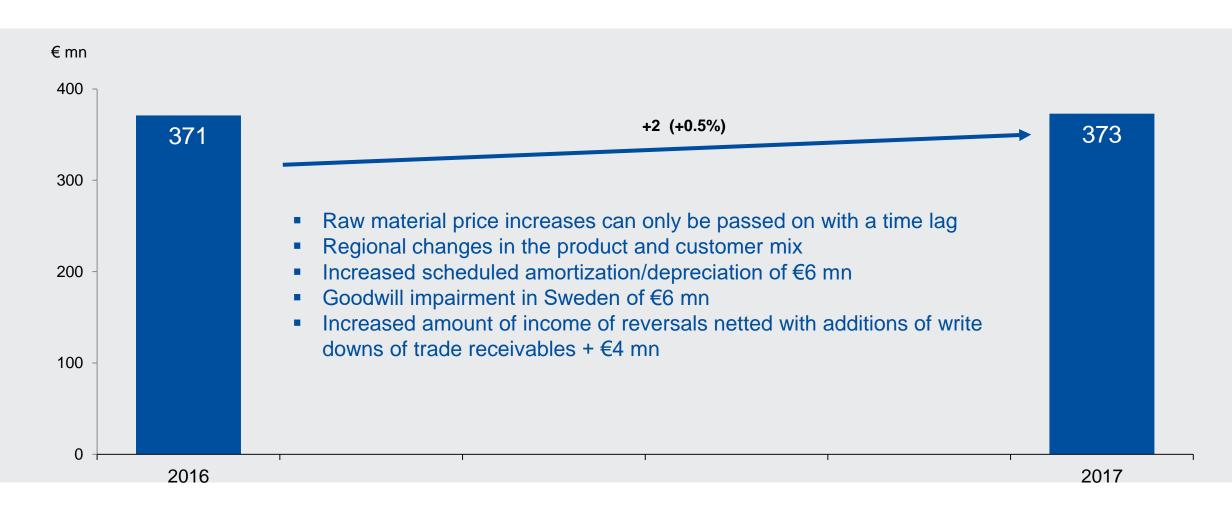




€ mn	FY 2016	FY 2017	Δ€ mn	Δ in %
Sales	2,267	2,473	206	9.1
Gross Profit	851	882	31	3.6
Gross Profit margin	37.5	35.7	-	-1.8 %-points
Other function costs	-499	-526	-27	5.4
EBIT before at Equity	352	356	4	1.1
At Equity	19	17	-2	-10.5%
EBIT	371	373	2	0.5
Earnings after tax	260	269	9	3.5



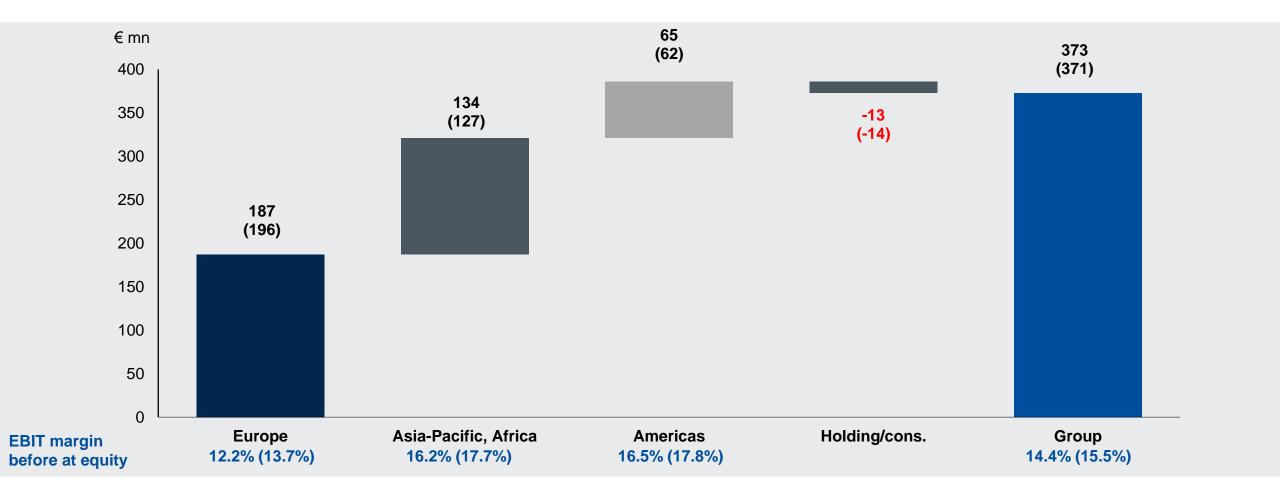








FY 2017 (FY 2016)



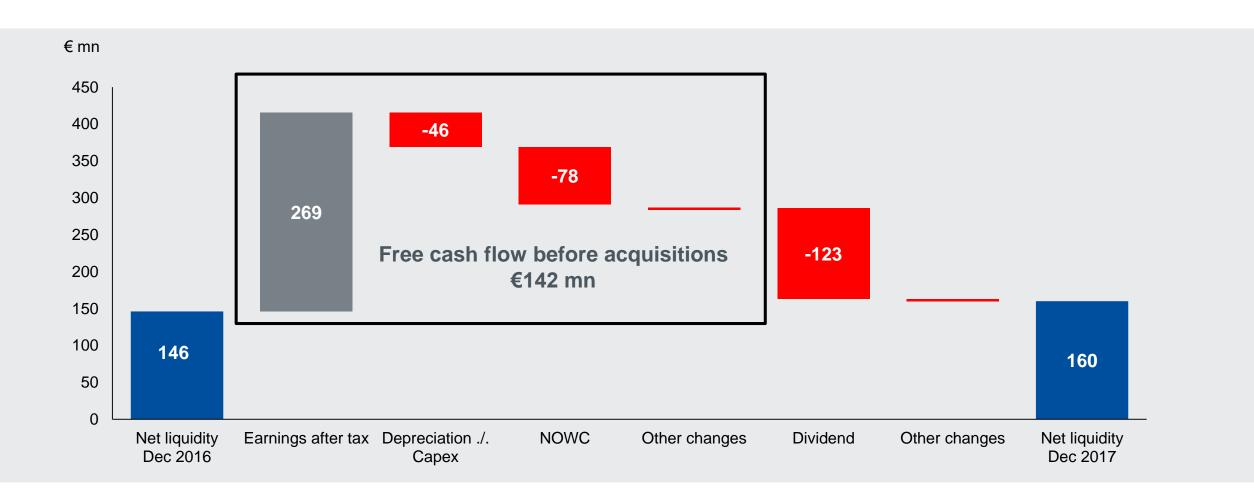




€ mn	FY 2016	FY 2017
Earnings after tax	260	269
Amortisation/Depreciation & Impairment	47	59
Changes in net operating working capital (NOWC)	-22	-78
Other changes	13	-3
Capex	-93	-105
Free cash flow before acquisitions	205	142
Acquisitions	-46	-2
Free cash flow	164	140



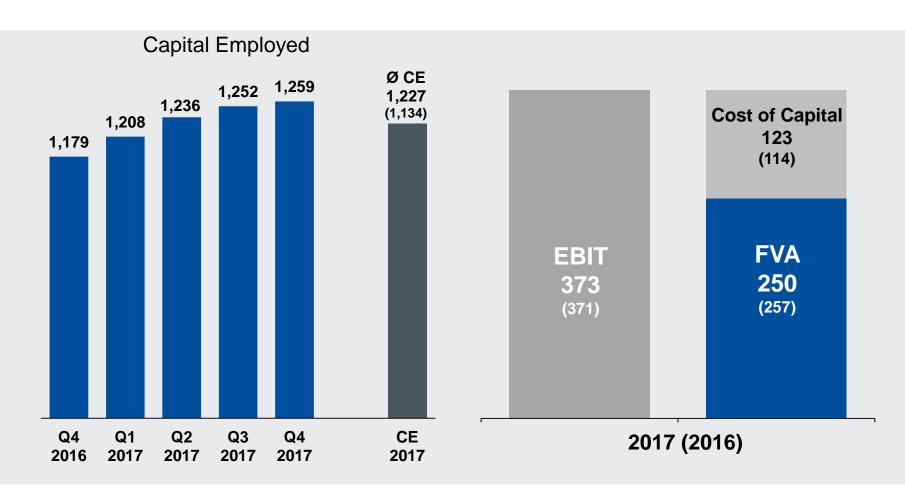
# **Net Liquidity 2017**



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









# **Comparison outlook and results 2017**

Performance indicator	FY 2016	Outlook 2017 (March 17)	Outlook 2017 (August 17)	Outlook 2017 (October 17)	FY 2017
Sales	€ 2,267 mn	+4% to +6%	+7% to +10%	+7% to +10%	€ <b>2,473 mn</b> (+9%)
EBIT	€ 371 mn	+1% to +5%	+1% to +5%	At or below FY 16	€ 373 mn
FUCHS Value Added	€ 257 mn	Low single-digit percentage range	Low single-digit percentage range	Below FY 16	€ 250 mn
Free cash flow before acquisitions	€ 205 mn	~ € 200 mn	~ € 200 mn	<u>&lt;</u> € 150 mn	€ 142 mn





- 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
- 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





#### Europe:

- Almost all companies increased volume driven organic sales revenues
- Germany substantially increased intercompany sales / Rest of Europe mainly with local customers
- Impairment of €6 mn due to difficult environment, which corresponds to around half of the goodwill of the Swedish company

#### Asia-Pacific, Africa:

- Double-digit growth rates in China, Australia and South Africa / 70% of regional sales growth was generated in China
- OEM business made a positive contribution in China, mining and commercial business performed well in Australia and South Africa

#### North and South America:

- After two years declining sales due to the difficult economic environment in the US sales grew significantly double-digit
- Growth in South America weakened in 2017
- External Growth due to two smaller acquisitions made in 2016

#### Outlook 2018



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 volume growth as well as price and mix changes
- External growth expected to be slightly negative due to sale of the Dormagen plant (December 2017)
- Less than proportional increase in earnings expected due to a higher costs base as a result of investments in new and existing plants, people and R&D
- Investments of around €140 mn in new plants and expansion of plants in China, USA, Germany, Sweden, Russia and UK

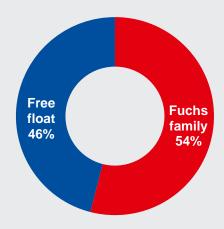


# **Breakdown ordinary & preference shares**



(December 31, 2017)

#### **Ordinary shares**



Basis: 69,500,000 ordinary shares

#### **Characteristics:**

- Dividend
- Voting rights



MDAX-listed



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.)



## Stable dividend policy

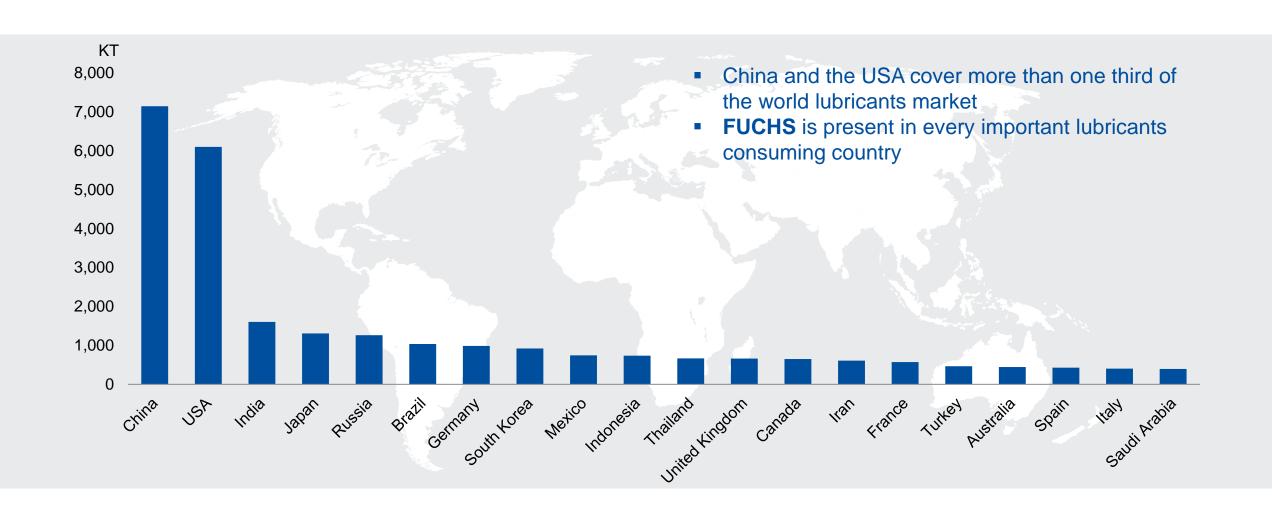


Our target: Increase the absolute dividend amount each year or at least maintain previous year's level.



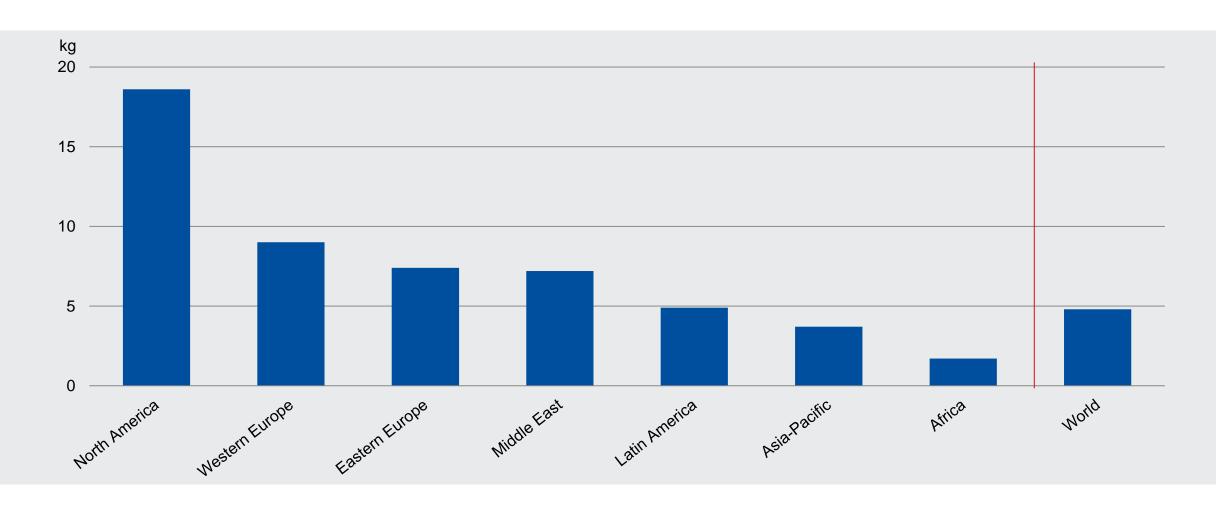






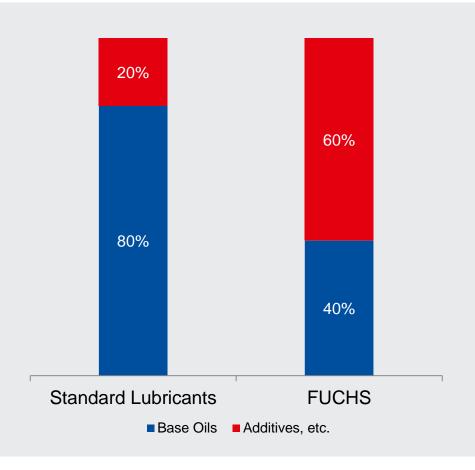










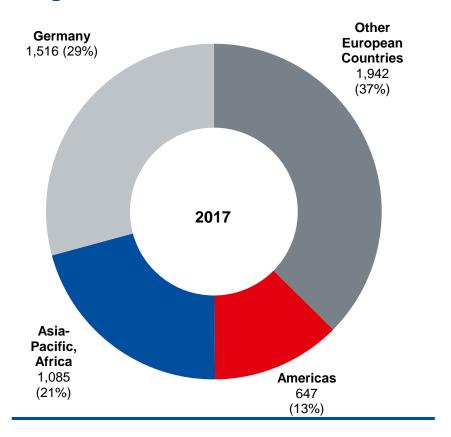


- Base oil prices do not necessarily follow crude oil prices
- No direct link between additives and crude oil prices. We even face price increases for certain raw materials where supply/demand is not balanced or special situations occur
- Special lubricants consist of less base fluid and more additives

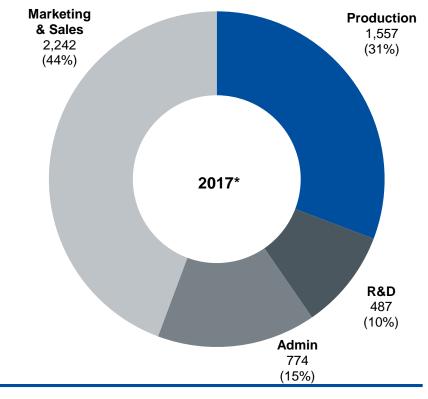
## Workforce Structure 5,190 employees globally



#### **Regional Workforce Structure**



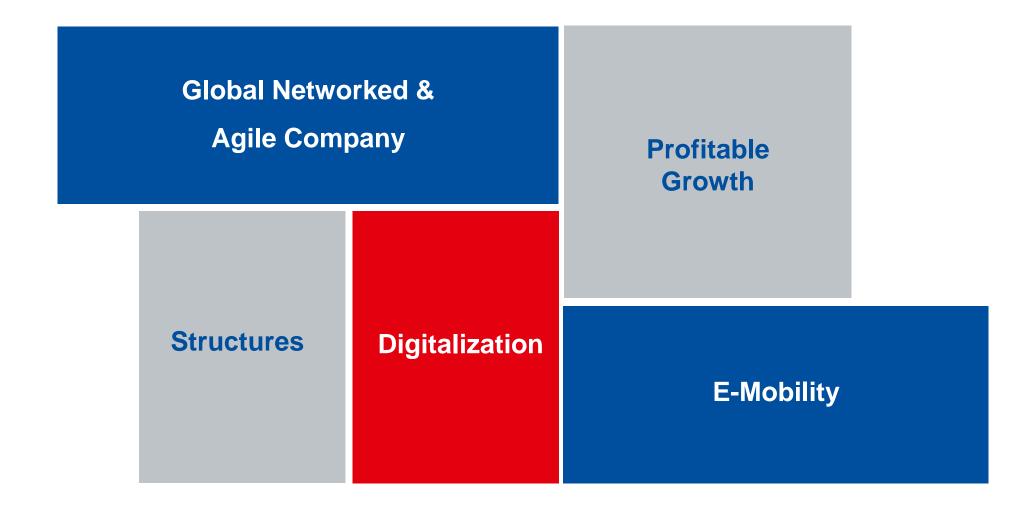
#### **Functional Workforce Structure**



\*Excl. 130 Trainee







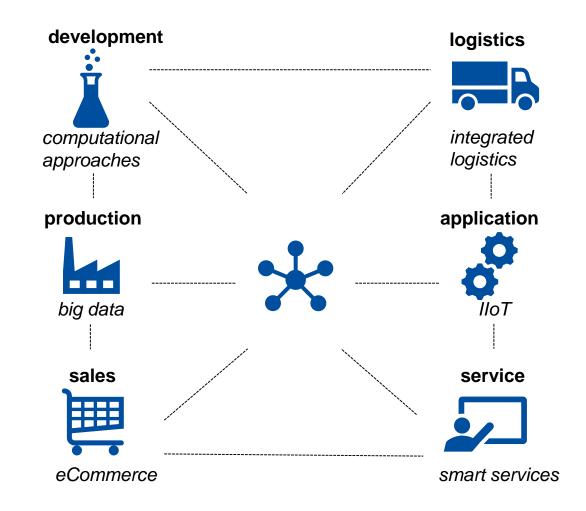


## Digitalisation will fundamentally change our value creation

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:

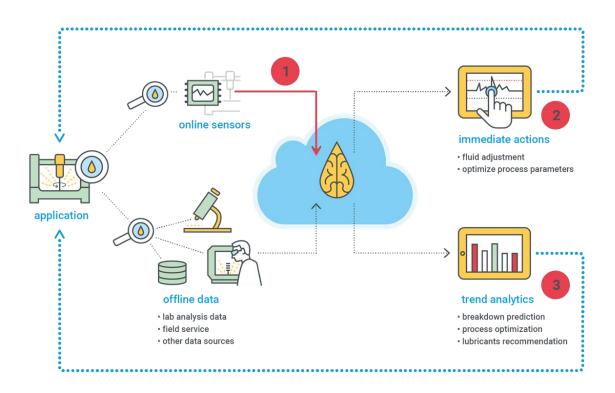
co-create next level FUCHS





## 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

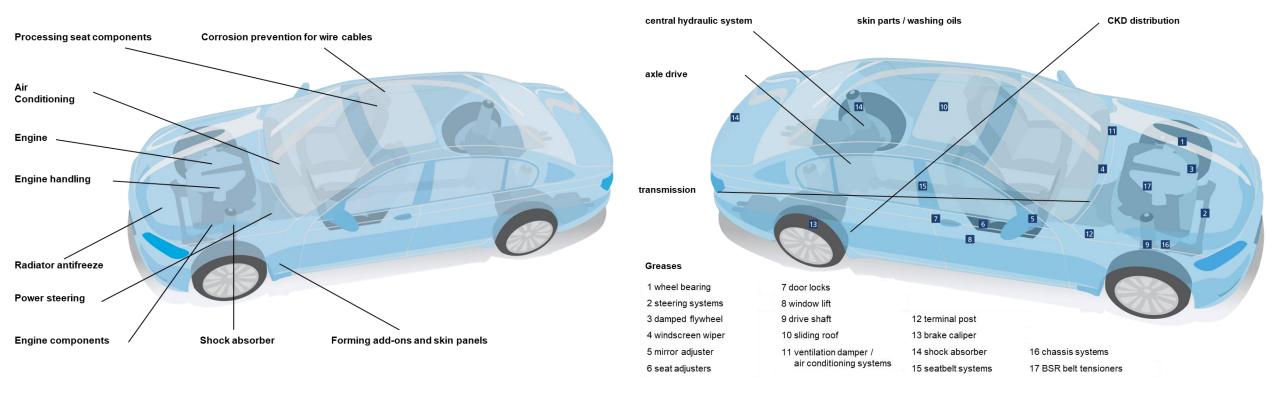
#### smart services: objectives

- 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



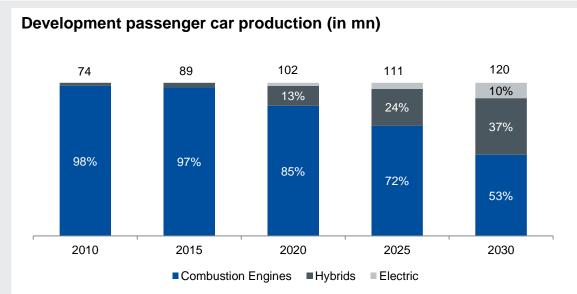
### Lubricant applications in passenger cars

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

Powertrain Applications	ICE	HEV	BEV
Engine oil	✓	✓	-
Transmission oil	<b>√</b>	✓	✓
Greases	<b>√</b>	✓	✓
Specialty greases	-	<b>√</b>	✓
Lubricants for Auxiliary systems	✓	+	+
Cooling & functional liquids	<b>√</b>	+	+



## 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

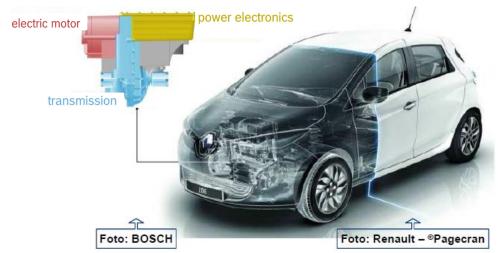
#### Goal:

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





















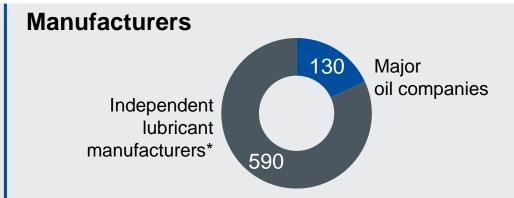


## Further market consolidation to be expected

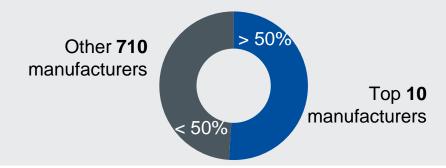


- High degree of fragmentation
- Concentration especially amongst smaller companies

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

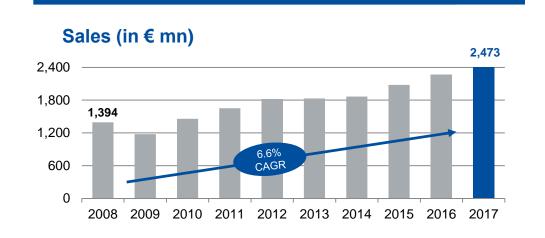
Stable Dividends

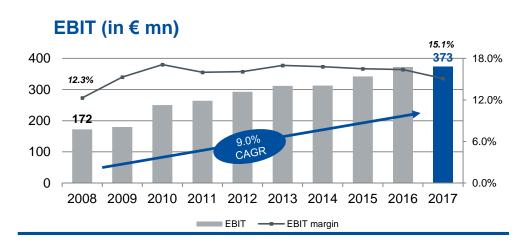
Acquisitions

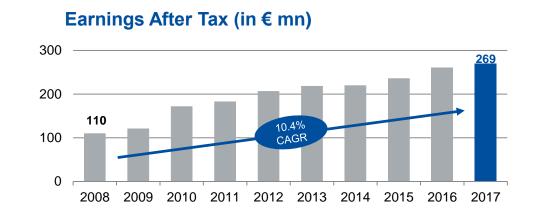
Share Buyback

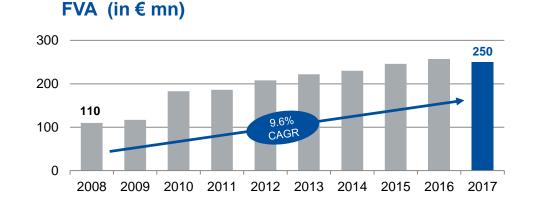


## Unique track record for continued profitability and added value



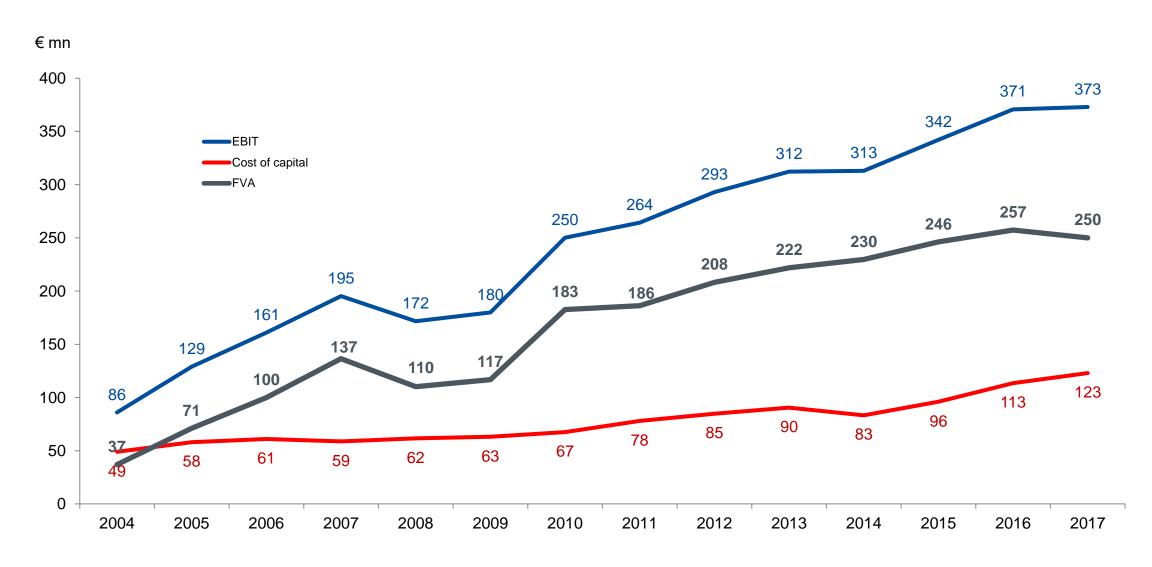








## **Development EBIT – Cost of Capital – FVA**





### 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

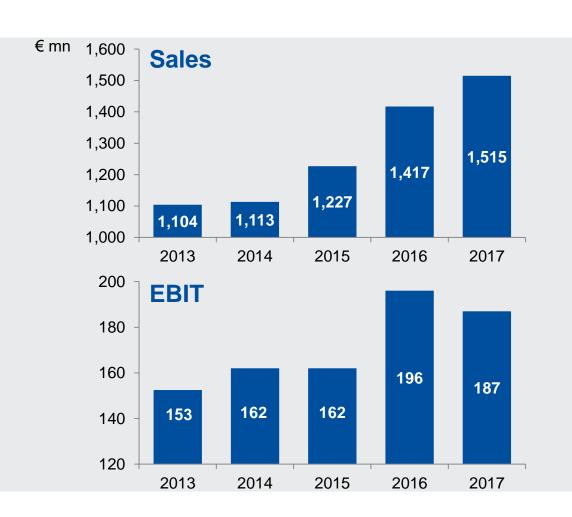








Employees 2017: 3,349 (3,253)



## **Asia-Pacific, Africa**

2017: Sales + 18.2% / EBIT + 5.5%





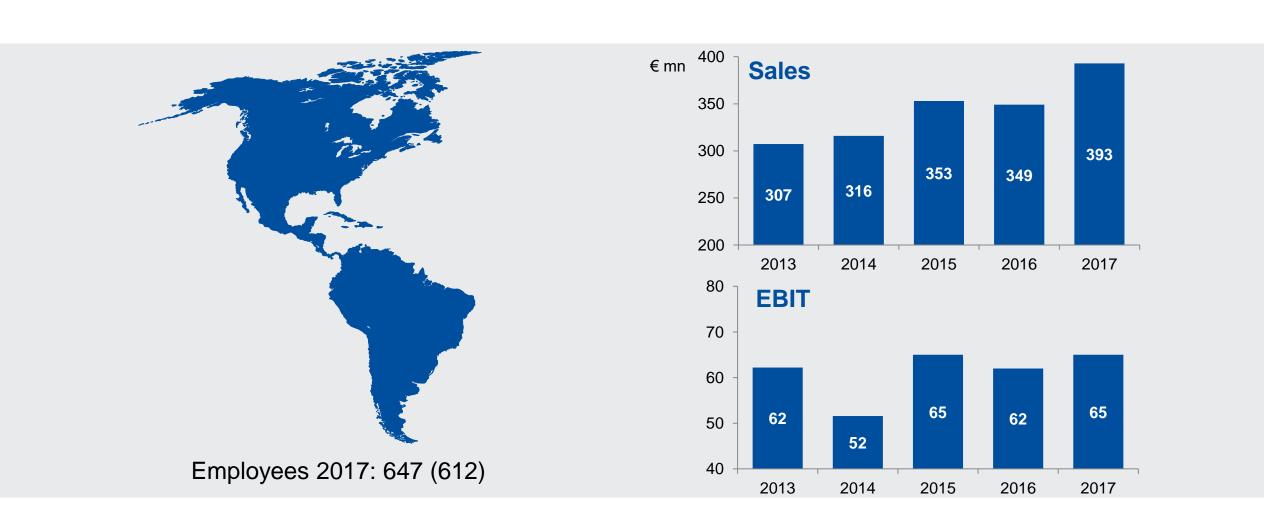
Employees 2017: 1,085 (1,062)



### **Americas**



2017: Sales + 12.6% / EBIT + 4.8%





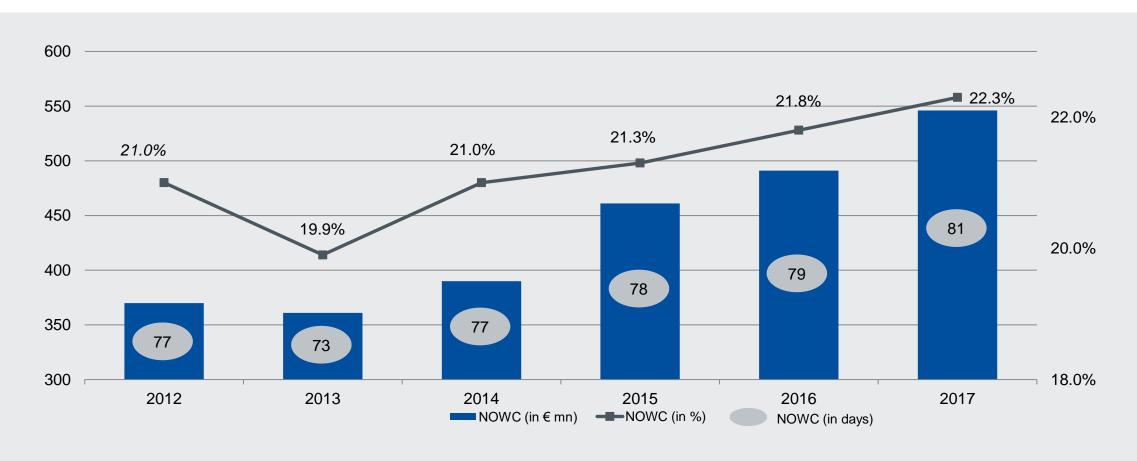
## Solid balance sheet and strong cash flow generation

€ 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
Free cash flow before acquisitions	150	210	232	205	142
Free cash flow	150	188	62	164	140

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





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



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

Year	2012	2013	2014	2015	2016	2017
Sales (€ mn)	1,819	1,832	1,866	2,079	2,267	2,473
Annualized last quarterly sales (€ mn)	1,760	1,810	1,852	2,161	2,256	2,442
NOWC/sales (%)	21.0	19.9	21.0	21.3	21.8	22.3
Inventories/days	79	75	76	80	84	84
Debtors/days	52	53	56	54	57	56
Payables/days	39	43	43	42	48	45





€mn		2015		2016			2017					
	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
Gross Profit	188	200	203	200	206	221	214	210	226	226	215	215
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
Other function costs	-110	-113	-118	-126	-126	-128	-125	-120	-137	-134	-129	-126
EBIT before at Equity	78	87	85	74	80	93	89	90	89	92	86	89
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
At Equity	4	3	4	7	5	5	5	4	5	4	5	3
EBIT	82	90	89	81	85	98	94	94	94	96	91	92
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
EBITDA	90	99	100	92	97	109	105	107	107	109	105	111
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





Sales (€ mn)
Europe
Asia-Pacific, Africa
Americas
Consolidation
FUCHS Group

		2015		
Q1	Q2	Q3	Q4	FY
278	293	321	335	1,227
147	155	141	140	583
88	88	91	86	353
-20	-21	-22	-21	-84
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

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



## **Quarterly sales growth split by regions**

			2016					2017		
Organic Growth (in %)	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
Asia-Pacific, Africa	2.0	2.5	11.0	22.5	9.2	20.9	17.1	23.0	18.3	19.7
Americas	-3.4	1.8	-4.0	-1.5	-1.8	9.0	6.4	12.7	10.1	9.4
FUCHS Group	1.1	3.7	3.0	5.2	3.3	9.3	5.7	10.2	11.3	9.1
External Growth (in %)			2016					2017		
	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY
Europe	24.9	24.4	9.3	-	14.0	-	-	-	-	-
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		
FX Effects (in %)	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
Asia-Pacific, Africa	-6.3	-8.4	-3.1	-1.4	-4.9	4.2	1.7	-4.4	-6.5	-1.5
Americas	-2.9	-5.7	-1.1	1.8	-2.0	6.3	3.5	-6.1	-10.1	-1.7
FUCHS Group	-3.1	-4.8	-2.3	-1.3	-2.9	2.0	0.8	-2.3	-3.4	-0.8





EBIT (€ mn)		
Europe		
Asia-Pacific, Africa		
Americas		
Consolidation		
FUCHS Group		

		2015		
Q1	Q2	Q3	Q4	FY
39	44	45	34	162
27	32	28	35	122
17	16	17	15	65
-1	-2	-1	-3	-7
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		
Q1	Q2	Q3	Q4	FY
46	48	52	41	187
34	32	32	36	134
17	15	18	15	65
-3	1	-11	0	-13
94	96	91	92	373

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
-	-	-	-	-7.1
+10.8	-2.4	-2.8	-2.1	+0.5

### **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



#### **Extention of contracts of the Executive Board until 2023**

The contracts of the Executive Board members Dr. Lutz Lindemann, Dr. Timo Reister, Dr. Ralph Rheinboldt and Dagmar Steinert are extended until December 2023

Dr. Lutz Lindemann (57 years):
 19 years at FUCHS, Member of the Executive Board since 2009

Dr. Timo Reister (38 years):
 8 years at FUCHS, Member of the Executive Board since 2016

Dr. Ralph Rheinboldt (50 years):
 19 years at FUCHS, Member of the Executive Board since 2009

Dagmar Steinert (53 years):
 5 years at FUCHS, Member of the Executive Board since 2016

The contract of Stefan Fuchs (50 years) runs until June 2021





This presentation contains statements about future development that are based on assumptions and estimates by the management of FUCHS PETROLUB SE. Even if the management is of the opinion that these assumptions and estimates are accurate, future actual developments and future actual results may differ significantly from these assumptions and estimates due to a variety of factors. These factors can include changes in the overall economic climate, procurement prices, changes to exchange rates and interest rates, and changes in the lubricants industry. FUCHS PETROLUB SE provides no guarantee that future developments and the results actually achieved in the future will match the assumptions and estimates set out in this presentation and assumes no liability for such.





#### **Financial Calendar 2018**

February 22, 2018	Preliminary figures for the Full Year 2017
March 21, 2018 Full Year Results 2017	
April 27, 2018	Quarterly Statement Q1 2018
May 8, 2018	Annual General Meeting 2018
June 18, 2018	FUCHS Capital Market Day
July 31, 2018	Financial Report H1 2018
October 30, 2018	Quarterly Statement Q1-3 2018
May 8, 2018  June 18, 2018  July 31, 2018	Annual General Meeting 2018  FUCHS Capital Market Day  Financial Report H1 2018

#### **Investor Relations**

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