



## LANXESS - FY 2016 results

**Transformation gains traction** 

Matthias Zachert, CEO Michael Pontzen, CFO



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#### **Agenda**

- Executive summary Q4 and FY 2016
- Business and financial details Q4 2016
- Back-up

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#### FY 2016: A successful year

#### **Strategic progress**

- Creation of ARLANXEO JV
- Acquisition of Chemours' Clean & Disinfect business
- Acceleration of manufacturing excellence initiative (phase 2)
- Creation of a global additives champion through planned Chemtura acquisition

#### **Financial highlights**

- EBITDA pre: 12.4% increase to €995 m
- EBITDA pre margin: increase to 12.9% (+1.7 percentage points)
- EPS pre\*: increase of 32.5%
- Net financial debt: significant reduction to ~€0.3 bn from ~€1.2 bn

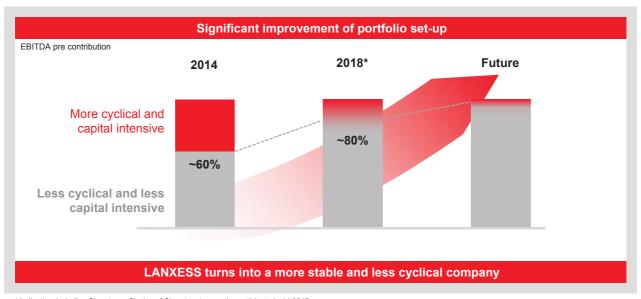
Substantial strategic transformation

**Substantial financial improvement** 



<sup>\*</sup> net of exceptionals and amortization of intangible assets as well as attributable tax effect

# Progressing strategic shift to lower cyclicality paired with higher cash generation



<sup>\*</sup> Indicative, including Chemtura - Closing of Chemtura transaction anticipated mid-2017

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## Delivering on dividend policy



<sup>\*</sup> To be proposed at the Annual General Meeting on May 26, 2017



#### Q4 2016 highlights - a successful finish to the year 2016

# Strong business performance Strong volume growth across the group by 8% Substantial EBITDA pre improvement by 21% Successful integration of Chemours Clean & Disinfect business Attractive financing for Chemtura acquisition secured Some challenges – as expected Weak agro markets affect BU Saltigo

Persisting competitive price pressure in EPDM rubber

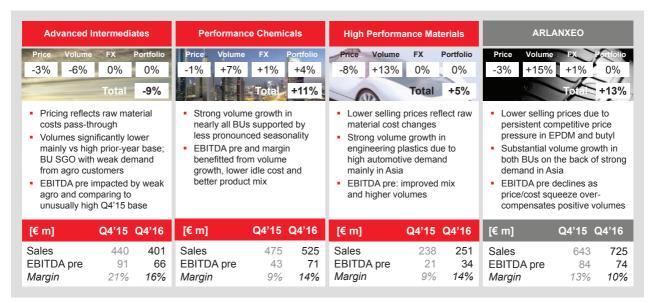
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# Q4 2016 financial overview: Improvement in operating performance continues

<sup>\*</sup> net of exceptionals and amortization of intangible assets as well as attributable tax effects \*\* after deduction of current financial assets



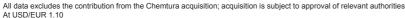
## Q4 2016: Substantial demand increase in High Performance Materials and ARLANXEO



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## Strong start to the year: Q1 2017 EBITDA pre expected ~20% above prior year







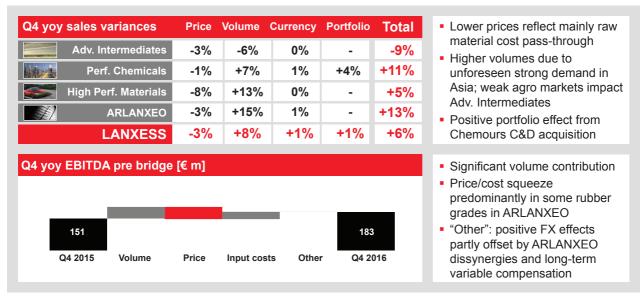
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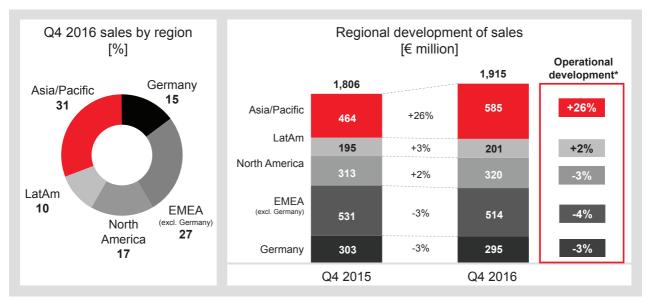
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#### Q4 2016: Volume driven earnings growth





## Q4 2016: Region Asia/Pacific with very strong sales increase



<sup>\*</sup> Currency and portfolio adjusted

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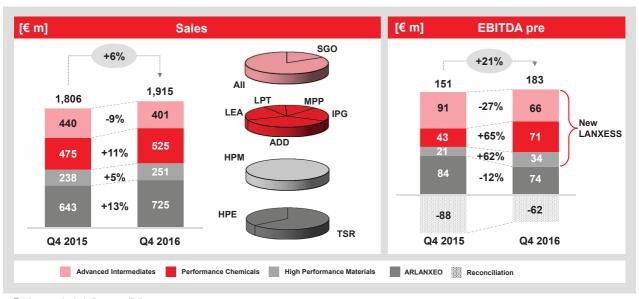
## Q4 2016: Solid operating performance

[€ m]	Q4 2	2015	Q4	2016	yoy in %	
Sales	1,806	(100%)	1,915	(100%)	6%	Sales increase mainly on strong
Cost of sales	-1,441	(80%)	-1,545	(81%)	-7%	volumes
Selling	-186	(10%)	-204	(11%)	-10%	Cost of sales increase; however
G&A	-82	(5%)	-91	(5%)	-11%	stable gross margin with higher capacity utilization and savings
R&D	-32	(2%)	-35	(2%)	-9%	compensating for price
EBIT	71	(4%)	35	(2%)	-51%	pressure in some rubber types
Non-controlling interests	3		-3	(0%)	<-100%	<ul> <li>Selling expenses rise with volume increase; overhead line</li> </ul>
Net Income	15	(1%)	2	(0%)	-87%	items impacted among others**
EPS pre*	-0.11		0.24		>100 %	by portfolio effects
EBITDA	141	(8%)	162	(8%)	15%	EBIT declined due to absence
thereof exceptionals	-10	(1%)	-21	(1%)	>100%	of positive one-offs (€56 m write-backs in Q4`15)
EBITDA pre exceptionals	151	(8.4%)	183	(9.6%)	21%	
		Volu	me increa	se drives	EBITDA	

<sup>\*</sup> net of exceptionals and amortization of intangible assets as well as attributable tax effects \*\* ARLANXEO dissynergies and long-term compensation



#### Q4 2016: A mixed picture

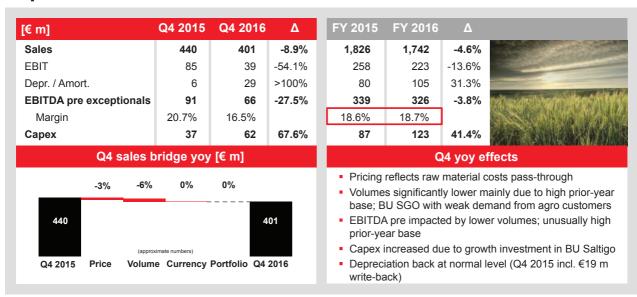


Total group sales including reconciliation

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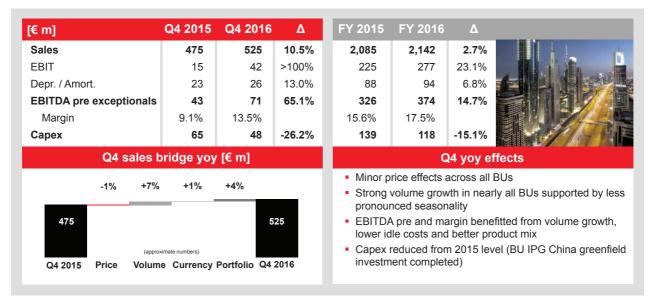


# Advanced Intermediates: Agro weakness impacted Q4 as expected





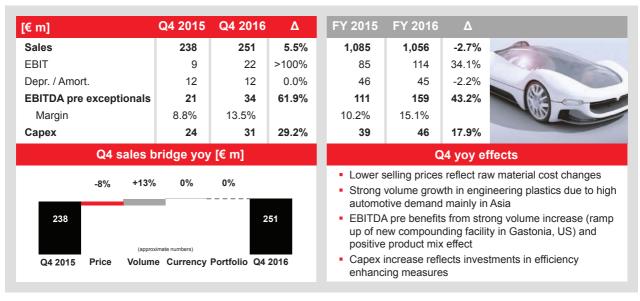
#### Performance Chemicals: Strong volume growth in Q4





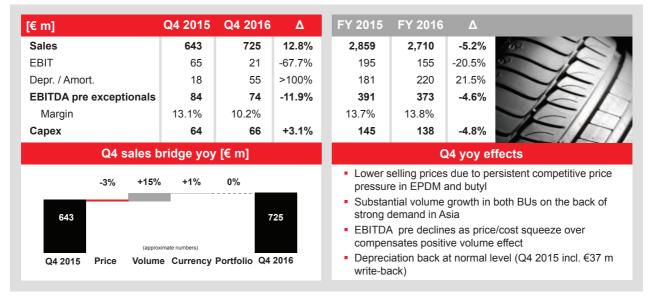
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# High Performance Materials: Higher volumes and improved product mix drive earnings





# ARLANXEO: Substantial volume growth but continuing margin pressure





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## Q4 2016: Strong business activity offset by one-time effects

[€ m]	Q4 2015	Q4 2016	
Profit before tax	42	-2	Depreciation back at normal level
Depreciation & amortization	70	127	(Q4 '15 contained €56 m write- backs)
Financial (gains) losses	17	14	Higher cash taxes due to timing
Cash tax payments/refunds Changes in other assets and liabilities  Operating cash flow before changes in WC Changes in working capital  Operating cash flow	-28	-86	pattern  Changes in other assets and
	-5	-52	liabilities mainly due to hedging o
	96	1	<ul><li>intercompany financing</li><li>Working capital release driven by</li></ul>
	254	156	higher payables following risen
	350	157	raw material prices Investing and financing cash flow
Investing cash flow	-234	-1,784	mainly reflect issuance of new
Thereof capex	-205	-211	bonds (€1.5 bn in preparation of Chemtura acquisition)
Financing cash flow	-101	1,459	. ,



#### Balance sheet – Substantially improved and prepared for Chemtura acquisition

[€ m]	Dec 2015	Dec 2016
Total assets	7,219	9,877
Equity (incl. non-controlling interest)	2,323	3,728
Equity ratio	32%	38%
Net financial debt (after deduction of current financial assets)	1,211	269
Near cash, cash & cash equivalents	466	395
Pension provisions	1,215	1,249
ROCE <sup>1</sup>	8.4%	9.6%4
Net working capital	1,526	1,628
DSI (in days) <sup>2</sup>	67	67
DSO (in days) <sup>3</sup>	48	51

- Total assets higher with ARLANXEO-related increase in equity for non-controlling interest<sup>5</sup> and financing in preparation of Chemtura acquisition
- Stable pension provisions despite lower discount rate (2.0% from 3.0% year end '15) due to €200 m funding in Q2 '16
- Rock solid balance sheet with very low net financial debt
- ROCE increased to ~9.6%<sup>4</sup>
- DSO increase reflects strong Q4 volume growth

- <sup>1</sup> Based on last twelve months for EBIT pre <sup>2</sup> Days sales of inventory calculated from quarterly sales
- 21 <sup>3</sup> Days of sales outstanding calculated from quarterly sales
- <sup>4</sup> Adjusted for current financial assets
  <sup>5</sup> On April 1, 2016, LANXESS placed 50% of its rubber business in a joint venture with Saudi

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#### Balance sheet extended due to ARLANXEO and preparation of **Chemtura financing**

[€ m]	Dec'15	Dec'16		Dec'15	Dec'16
Non-current assets	4,180	4,519	Stockholders' equity	2,323	3,728
Intangible assets	300	494	attrib. to non-contr. interests	13	1,176
Property, plant & equipment	3,447	3,519	Non-current liabilities	2,936	4,516
Equity investments	0	0	Pension & post empl. provis.	1,215	1,249
Other investments	12	12	Other provisions	271	319
Other financial assets	21	19	Other financial liabilities	1,258	2,734
Deferred taxes	361	442	Tax liabilities	19	31
Other non-current assets	39	33	Other liabilities	127	100
			Deferred taxes	46	83
Current assets	3,039	5,358			
Inventories	1,349	1,429	Current liabilities	1,960	1,633
Trade accounts receivable	956	1,088	Other provisions	411	406
Other current financial assets	4	2,130	Other financial liabilities	443	78
Other current assets	264	316	Trade accounts payable	779	889
Near cash assets	100	40	Tax liabilities	85	44
Cash and cash equivalents	366	355	Other liabilities	242	216
Total assets	7,219	9,877	Total equity & liabilities	7,219	9,877

- Other current financial assets include the proceeds of new bonds and part of the €1.2 bn cash received from Saudi Aramco for 50% in ARLANXEO JV; 50% share of Saudi Aramco in ARLANXEO reflected in non-controlling interests
- Increase in financial liabilities due to €1.5bn of new bonds (financing of the planned Chemtura acquisition)



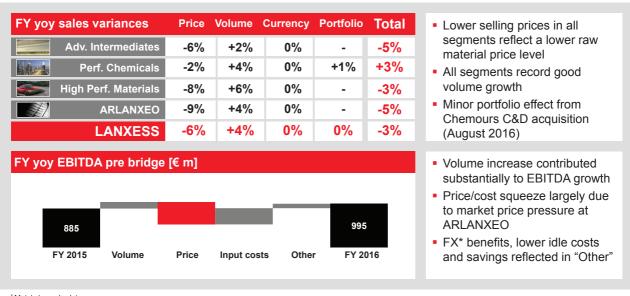
# FY 2016 financial overview: Financials reflect organic growth and efficiency gains

[€ m]	FY 2015	FY 2016	yoy in %
Sales	7,902	7,699	-2.6%
EBITDA pre	885	995	12.4%
margin	11.2%	12.9%	
EPS	1.80	2.10	16.4%
EPS pre <sup>1</sup>	2.03	2.69	32.5%
Capex	434	439	1.2%
[€ m]	31.12.2015	31.12.2016	yoy in %
Net financial debt <sup>2</sup>	1,211	269	-77.8%
Net working capital	1,526	1,628	6.7%

- Lower sales due to raw material cost pass-through in prices, partly compensated by higher volumes
- EBITDA increased on higher volumes, cost savings and positive FX<sup>3</sup>
- EPS pre increases with operational improvement
- Slight increase in net working capital due to high business activity towards year-end 2016 and currency effects



## FY 2016: Strong volume contribution in top and bottom line



Mainly lower hedging expenses

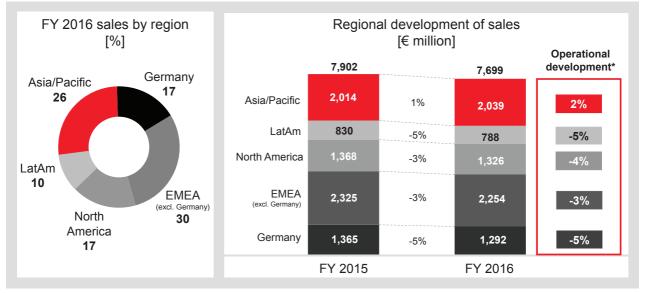


<sup>&</sup>lt;sup>1</sup> net of exceptionals and amortization of intangible assets as well as attributable tax effects

<sup>&</sup>lt;sup>2</sup> After deduction of current financial assets

<sup>23</sup> Lower hedging expenses and favorable emerging markets' currencies

# FY 2016: Volume growth in all regions but Latin America – lower prices in all regions (raw material price pass-through)

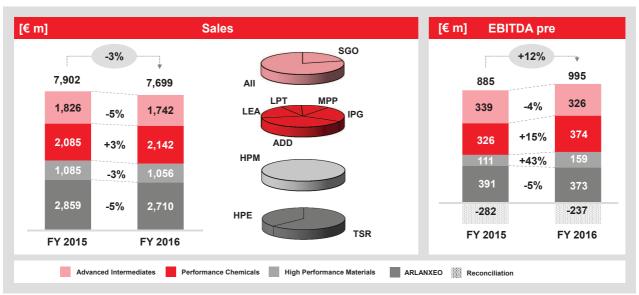


<sup>\*</sup> Currency and portfolio adjusted

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## FY 2016: New LANXESS businesses drive earnings growth



Total group sales include reconciliation

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## FY 2016: Strong earnings improvement

[€ m]	FY 2	2015	FY 2	2016	yoy in %	
Sales	7,902	(100%)	7,699	(100%)	-3%	<ul> <li>Lower sales as lower selling</li> </ul>
Cost of sales	-6,154	(78%)	-5,945	(77%)	3%	prices more than offset higher
Selling	-759	(10%)	-781	(10%)	-3%	volumes
G&A	-284	(4%)	-303	(4%)	-7%	<ul> <li>Cost of sales reflect lower raw material price level, lower idle</li> </ul>
R&D	-130	(2%)	-131	(2%)	-1%	costs and cost savings
EBIT	415	(5%)	464	(6%)	12%	<ul> <li>G&amp;A influenced by dissynergies</li> </ul>
Non-controlling interests	2	(0)	3	(0%)	50%	from ARLANXEO
Net Income	165	(2%)	192	(2%)	16%	<ul> <li>Net income increases in line</li> </ul>
EPS pre*	2.03		2.69		33%	with improved operations, despite the absence of positive
EBITDA	833	(11%)	945	(12%)	13%	one-off items enjoyed in 2015
thereof exceptionals	-52	(1%)	-50	(1%)	-4%	
<b>EBITDA</b> pre exceptionals	885	(11.2%)	995	(12.9%)	12%	

<sup>\*</sup> net of exceptionals and amortization of intangible assets as well as attributable tax effects



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## FY 2016: Stable operating and free cash flow

[€ m]	FY 2015	FY 2016	
Profit before tax	288	339	Depreciation back at normal
Depreciation & amortization	418	481	level versus low 2015 level
Gain from sale of assets Financial (gains) losses	-42	0	(contained €56 m write-backs)
	66	56	<ul> <li>Higher working capital as strong</li> </ul>
Cash tax payments/refunds	-98	-184	volumes at year end pushed up
Changes in other assets and liabilities	-33	44	receivables and inventories
Operating cash flow before changes in WC	599	736	<ul> <li>Investing cash flow marked by re-investment of ARLANXEO</li> </ul>
Changes in working capital	93	-47	cash-in** and bond proceeds
Operating cash flow Investing cash flow	692	689	(€1.5 bn for Chemtura
	-400	-2,879	acquisition) into financial assets
Thereof capex	-434	-439	<ul> <li>Financing cash flow also</li> </ul>
Thereof cash inflows from/cash outflows for financial assets	-11	-2,125	reflects ARLANXEO cash-in an
Thereof CTA* funding & Chemours C&D acquisitition	0	-398	bond issuance
Financing cash flow	-333	2,173	



<sup>\*</sup> CTA: Contractual Trust Arrangement \*\* Closing of ARLANXEO on April 1, 2016, leading to cash-in of ~€1.2 bn

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Appendix

#### Housekeeping items

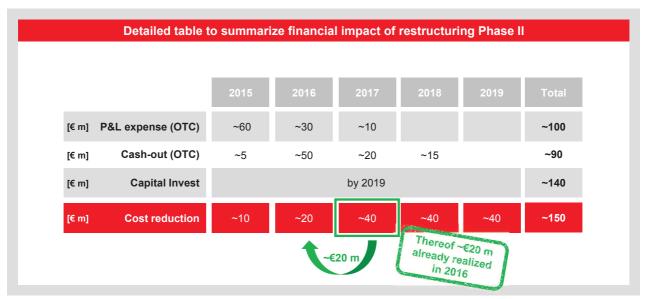


All data excludes the contribution from the Chemtura acquisition At USD/EUR 1.10

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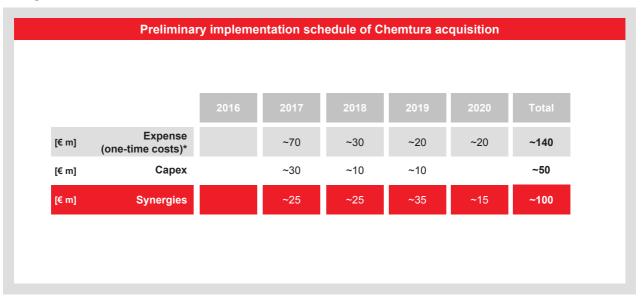
# Phase II: progressing faster – ~€20 m savings pulled forward from 2017 to 2016



Includes €20 m savings from the EPDM and Nd-PBR reconfiguration already communicated in March 2015 / OTCs include ~€55 m already communicated and booked in 2015 (Marl / Nd-PBR reconfiguration) / OTC = one-time-costs booked as exceptionals



#### Details on synergies and one-time costs of Chemtura acquisition



<sup>\*</sup> excluding ~€80 m transaction related costs (including cost of planned refinancing of target debt), which are considered in purchase price

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## A more diversified and balanced portfolio

	١	Well balanced b	usiness set-up		
Sales [€]	~2.0 bn	~2.0 bn	~1.5 bn	~1.5 bn	~3 bn
	Advanced Intermediates	Specialty Additives**	Engineering Materials	Performance Chemicals	ARLANXEO* joint venture for synthetic rubber
	Name of the second				
Key strategic rationale	Building a global and resilient intermediates player	Creating a major, global additives business	Building an integrated engineering plastics player	Building a specialty division	Market leading in production and marketing of synthetic rubber

<sup>\*</sup>ARLANXEO to be fully consolidated for the first three years (as of April 1, 2016)



<sup>\*\*</sup> Future reporting structure after closing of Chemtura acquisition

#### New LANXESS well diversified

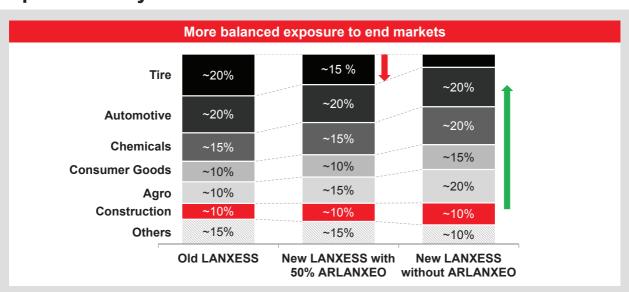


<sup>\*</sup> Amongst other consumer, chemicals, construction

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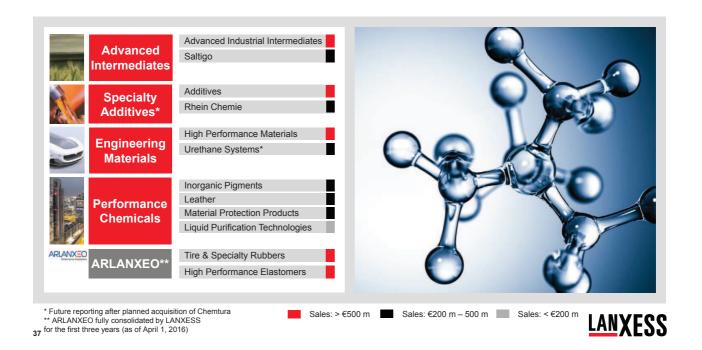
# The New LANXESS: Diversified end markets and less exposure to cyclical businesses



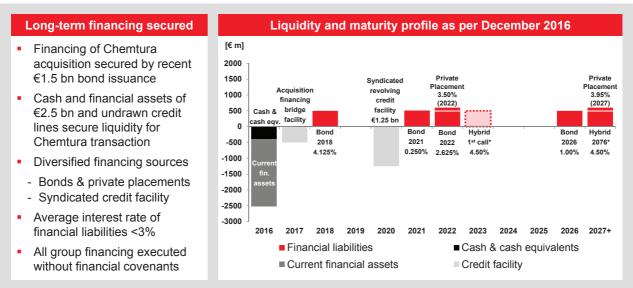
Based on FY 2016 sales



#### Well diversified future business structure



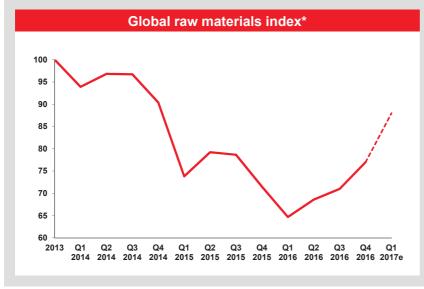
# Maturity profile actively managed and well balanced through recent capital market transactions



<sup>\*</sup> Hybrid bond with contractual maturity date in 2076 has a first optional call date in 2023



## High volatility in raw material prices



- Sharp decline in raw material prices in Q4 2014/ Q1 2015 driven by a steep drop in the price of oil
- Raw material prices remained volatile, trending downwards through year end 2015
- 2016 with an upward trend that accelerated during Q4
- 2017 to start with an acceleration in raw material prices

<sup>\*</sup> Source: LANXESS, average 2013 = 100%





## Overview exceptional items Q4 and FY

Q4 2015		Q4 2016		FY 2015		FY 2016	
Excep.	Thereof D&A	Excep.	Thereof D&A	Excep.	Thereof D&A	Excep.	Thereof D&A
-19	-19	-2	0	-18	-19	-2	0
5	0	3	0	13	0	3	0
0	0	0	0	-19	1	0	0
-36	-37	-2	0	-12	-27	-2	0
4	0	22	0	43	0	51	0
-46	-56	21	0	7	-45	50	0
	5 0 -36 4	Excep. Thereof D&A  -19 -19  5 0  0 0  -36 -37  4 0	Excep.         Thereof D&A         Excep.           -19         -19         -2           5         0         3           0         0         0           -36         -37         -2           4         0         22	Excep.         Thereof D&A         Excep.         Thereof D&A           -19         -19         -2         0           5         0         3         0           0         0         0         0           -36         -37         -2         0           4         0         22         0	Excep.         Thereof D&A         Excep.         Thereof D&A         Excep.           -19         -19         -2         0         -18           5         0         3         0         13           0         0         0         -19           -36         -37         -2         0         -12           4         0         22         0         43	Excep.         Thereof D&A         Excep.         Thereof D&A         Excep.         Thereof D&A           -19         -19         -2         0         -18         -19           5         0         3         0         13         0           0         0         0         -19         1           -36         -37         -2         0         -12         -27           4         0         22         0         43         0	Excep.         Thereof D&A         Excep.         Thereof D&A         Excep.         Thereof D&A         Excep.         Excep.         Thereof D&A         Excep.         Excep.



## **Upcoming events 2017**

Proactive capital market	Communication	
UBS Chemicals Field Trip	March 22	Cologne
MainFirst Corporate Conference Copenhagen	March 30	Copenhagen
Raymond James Chemical Leaders Conference 2017	March 30	London
Q1 results 2017	May 11	
Citi's Inaugural Chemicals Conference	May 16	London
Annual General Meeting	May 26	Cologne
Société Générale Nice Conference 2017	June 1/2	Nice
Deutsche Bank dbAccess Berlin Conference	June 22/23	Berlin
Morgan Stanley Cannon Ball Run	June 27	Cologne
Exane BNP 19th European CEO Conference	June 13/14	Paris
mBank Chemicals Day 2017	June 20	Warsaw
Meeting the Management 2017	September 6	Cologne
Q2 results 2017	August 10	
Q3 results 2017	November 9	

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## **Abbreviations**

	ARLANXEO		Performance Chemicals
• TSR • HPE	Tire & Specialty Rubbers High Performance Elastomers	<ul><li>ADD</li><li>IPG</li><li>LEA</li><li>MPP</li><li>LPT</li></ul>	Rhein Chemie Additives Inorganic Pigments Leather Material Protection Products Liquid Purification Technologies
	Advanced Intermediates		High Performance Materials
• All • SGO	Advanced Industrial Intermediates Saltigo	• HPM	High Performance Materials



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