

## LANXESS – Q3 2018 results

Delivering despite challenging environment

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### Agenda

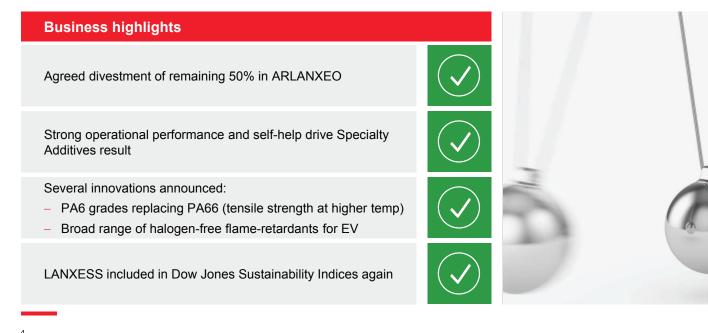
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# Q3 2018: Divestment of ARLANXEO increases strategic flexibility, strong performance in Specialty Additives





## Q3 2018: Solid earnings despite challenging environment

#### **Financial highlights**

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- Sales growth of 4.4% to €1,786 m
- EBITDA pre improved to €277 m
- Nice EPS pre development by 7% to €1.23
- Sequentially lower net financial debt
- Successful management of higher raw material costs



# LANXESS and Canadian Standard Lithium start cooperation



<ul> <li>Feasibility study for extraction of battery grade lithium from tail brine generated in LXS' US bromine production site</li> <li>Terms of JV subject to completion of due diligence and result of feasibility study</li> <li>Parties signed term sheet</li> </ul>







## Solid performance due to balanced and more resilient portfolio opposing weakness in Performance Chems/agro



	Despite various market challenges …
Advanced Intermediates	<ul> <li>Stable performance and organic growth despite ongoing agro weakness</li> <li>Balanced market exposures and market position safeguard the business</li> </ul>
Specialty Additives	<ul> <li>Despite market concerns, higher raw material costs and some end market weakness, the business has performed strongly</li> </ul>
Engineering Materials	<ul> <li>Better balance in the entire value chain and positive light weight and EV trend have improved the business model of BU HPM substantially</li> </ul>
Group	<ul> <li>Limited auto exposure to ~20% after ARLANXEO divestment and implementation of self-help measures</li> <li>Ongoing market challenges for the leather business and softer demand in construction</li> </ul>
	LANXESS is on track!
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## Q3 2018: Overview on improved financials

[€ m]	Q3 2017	Q3 2018	yoy in %
Sales	1,710	1,786	4%
EBITDA pre	273	277	1%
margin	16.0%	15.5%	
EPS pre* (group)**	1.15	1.59	38%
EPS pre* (continuing)	1.15	1.23	7%
Capex	86	114	33%

[€ m]	31.12.2017***	30.06.2018	30.09.2018	<mark>∆ seq%</mark>
Net financial debt	2,252	2,633	2,514	-5%
Net working capital	1,948	1,535	1,535	0%

- Sales increase driven by strong pricing and slightly higher volumes
- EBITDA pre up due to management of higher raw material prices, synergies and acquired phosphorus business
- EPS improvement on better operating performance and financial result
- Investments in debottleneckings lead to higher capex
- Sequentially reduced net financial debt in Q3 due to solid operating performance and better financial result

\*\* Including 50% of ARLANXEO \*\*\* Balance sheet items at 31.12.2017 include 100% ARLANXEO

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

# Q3 2018: Specialty Additives shaped into strongest segment



Advanced Interme	Advanced Intermediates				tives		
	ss-through in owth in BU A ing weak agro rformance co	BU AII II; BU SGO o market	flat on low		in both BUs, p. driven by p cts acquisition additives busin ITDA pre and	partly offset by lant closures) n of Solvay's U ness	slight volume .S.
[€ m]	Q3'17	,	Q3'18	[€ m]	Q	3'17	Q3'18
Sales EBITDA pre Margin	481 87 18.1%	, D	534 87 16.3%	Sales EBITDA pre Margin		480 77 5.0%	502 93 18.5%

### Q3 2018: Engineering Materials strong on high level, Performance Chemicals remains weak



Performance Ch	Performance Chemicals				laterials		
Price +2%	Volume -8%	FX +0%	Portfolio -3%	Price +6%	Votume +7%	FX +0%	Portfolio 0%
		Total	-9%	1-60		Total	+13%
<ul> <li>Price increases in almost all BUs</li> <li>Volume decline compares to strong PY, mainly driven by site closure, strike in South Africa (both LEA) and softer construction market (IPG)</li> <li>Disposal of chlorine dioxide business shown in portfolio</li> <li>EBITDA pre and margin burdened by lower volumes, partly offset by positive FX effects in emerging markets</li> </ul>			<ul> <li>Strong price increase in both BUs offsetting higher raw material prices</li> <li>Volumes increase in BU HPM, slightly reduced by BU URE (raw material shortage of monomeric MDI in the U.S.)</li> <li>EBITDA pre driven by strong operational performance</li> <li>Margin dilutive growth due to pass-through of higher raw material prices</li> </ul>				
[€ m]	Q3'1	7	Q3'18	[€ m]	Q	3'17	Q3'18
Sales EBITDA pre Margin	365 65 17.8%	6	334 53 15.9%	Sales EBITDA pre Margin	6	50 54 .3%	394 70 17.8%



## LANXESS confirms FY 2018 guidance despite rising economic challenges

LANXESS FY 2018 FY 2018 EBITDA pre at upper e (FY 2017: ~€925 m)	nd of 5 - 10% yoy



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# Q3 2018: Topline driven by good operational development



Q3 yoy sales variances	Price	Volume	FX	Portfolio	Total
Advanced Intermediates	+5%	+6%	0%	0%	+11%
Specialty Additives	+3%	-1%	-0%	+3%	+5%
Performance Chemicals	+2%	-8%	+0%	-3%	<b>-9%</b>
Engineering Materials	+6%	+7%	+0%	0%	+13%
New LANXESS	+4%	+1%	+0%	+0%	+4%

#### Q3 yoy New LANXESS EBITDA pre bridge [€ m]

273					277	
Q3 2017	Volume	Price	Input costs	Other	Q3 2018	

#### Solid sales growth due to successful raw material price passthrough (esp. BUs AII, ADD and HPM)

- Overall slightly increased volumes
- Effect from Solvay's phosphorus additives acquisition compensated by divesture of chlorine dioxide business
- EBITDA pre increase driven by successful price pass-through and synergies
- "Other" includes higher freight and stock-keeping costs over compensated by positive portfolio and FX effects

### Q3 2018: Good quarter on solid level

[€ m]	Q3 :	2017	Q3 :	2018	yoy in %
Sales	1,710	(100%)	1,786	(100%)	4%
Cost of sales	-1,239	(-72%)	-1,308	(-73%)	-6%
Selling	-194	(-11%)	-202	(-11%)	-4%
G&A	-81	(-5%)	-72	(-4%)	11%
R&D	-29	(-2%)	-30	(-2%)	-3%
EBIT	113	(7%)	146	(8%)	29%
Profit from continuing operations	53	(3%)	80	(4%)	51%
Profit from discontinued operations	3	(0%)	52	(3%)	>100%
Minorities	1	(0%)	22	(1%)	>100%
Net Income	55	(3%)	110	(6%)	100%
EPS pre* (continuing)	1.15		1.23		7%
EBITDA	241	(14%)	251	(14%)	4%
thereof exceptionals	-32	(-2%)	-26	(-1%)	-19%
EBITDA pre exceptionals	273	(16%)	277	(15.5%)	1%

Stable margins on attractive level

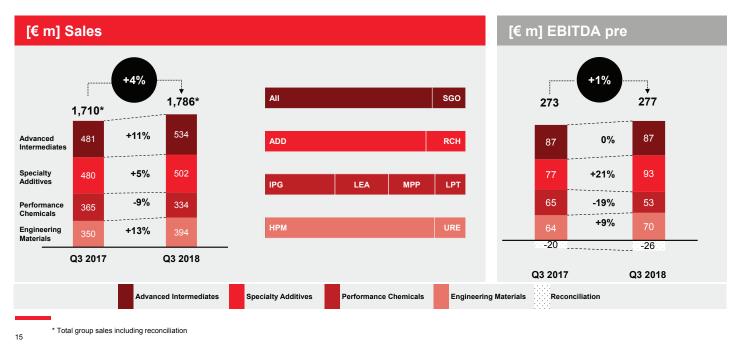


- Sales increase due to improved prices and slightly higher volumes
- Improved G&A costs reflect reclassification effect from discontinued operations
- EBITDA pre slightly ahead of previous year on strong performance level
- Rising EPS pre due to operational performance and better financial result

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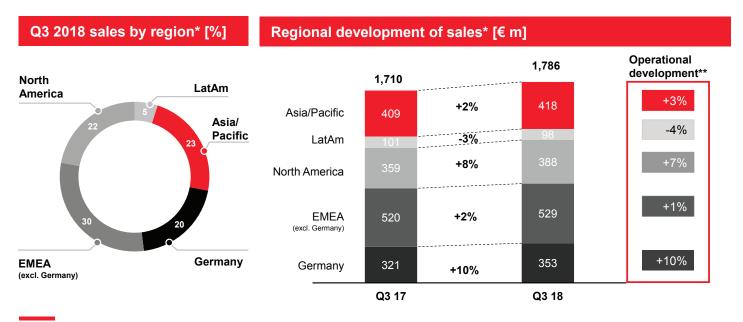
## Q3 2018: Most segments with strong sales and EBITDA pre growth



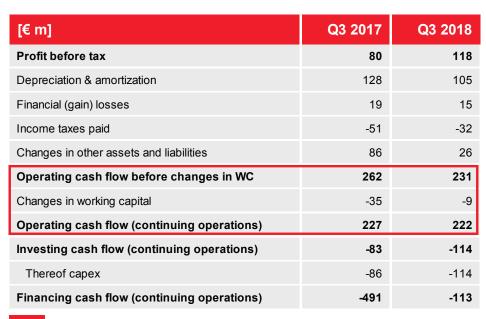


## Q3 2018: Sales increase in most regions - softer demand in Latin America





# Cash flow in Q3 2018 driven by solid operational performance



- LANXESS Energiation Character
- Operating cash flow on previous year level
- Changes in other assets and liabilities driven by fewer exceptional items
- Capex increase driven by debottlenecking investments
- Significantly improved financing cash flow reflecting early redemption of Chemtura's
   \$ 450 m bond in previous year quarter

### **Balance Sheet Q3: Sequentially only minor changes**



- [€ m] 31.12.2017\* 30.06.2018 30.09.2018 Total assets\* 10,411 10,540 10,545 Equity (incl. non-controlling interest)\* 3.413 3.429 3.626 Equity ratio\* 33% 33% 34% Net financial debt 2,252 2,633 2,514 (after deduction of current financial assets) Near cash, cash & cash equivalents 588 180 181 Pension provisions 1,490 1,329 1,247 1,535 Net working capital 1,948 1,535 DSI (in days)\*\* 65 63 68 DSO (in days)\*\*\* 51 47 46
- Stable total assets as ARLANXEO remains consolidated
- Sequentially reduced net financial debt in Q3 due to solid operating performance and better financial result
- Lower pension provisions due to increased German discount rate (from 1.75% to 2.00%)
- Sequentially stable net working capital

\* LANXESS Group including ARLANXEO \*\* Days sales of inventory calculated from quarterly sales \*\*\* Days of sales outstanding calculated from quarterly sales

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## Line items reflect effects from reporting ARLANXEO as discontinued operations



[€ m]	Dec 2017	Sep 2018		Dec 2017	Sep 2018
Non-current assets	6,454	4,651	Stockholders' equity	3,413	3,626
Intangible assets	1,784	1,737	attrib. to non-contr. interests	1,126	1,120
Property, plant & equipment	4,059	2,448	Non-current liabilities	4,540	4,601
Equity investments	0	0	Pension & post empl. provis.	1,490	1,247
Other investments	9	1	Other provisions	460	367
Other financial assets	20	25	Other financial liabilities	2,242	2,684
Tax receivables	20	14	Tax liabilities	134	102
Other non-current assets	562	426	Other liabilities	101	87
Current assets	3,957	5,894	Deferred taxes	113	114
Inventories	1,680	1,348	Current liabilities	2,458	2,318
Trade account receivables	1,316	920	Other provisions	525	421
Other current financial assets	7	50	Other financial liabilities	633	42
Other current assets	366	237	Trade accounts payable	1,048	733
Near cash assets	50	50	Tax liabilities	61	51
Cash and cash equivalents	538	131	Other liabilities	191	168
Assets from disc. operations	0	3,158	Liabilities from disc. operations	0	903
Total assets	10,411	10,545	Total equity & liabilities	10,411	10,545
ARLA	NXEO's assets	& liabilities	grouped in discontinued o	perations	

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### Housekeeping items – New LANXESS

discontinued operations

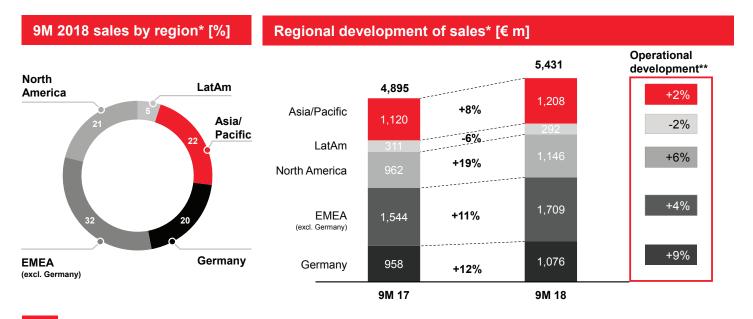


#### **New LANXESS financial expectations** Capex 2018: €450 m-€500 m Operational D&A 2018: ~€400 m Reconciliation 2018: around previous year's level (~€150 m) lower end of 30-35% Tax rate: Exceptionals Q4 2018: ~€50 m FX sensitivity: one cent change of USD/EUR resulting in ~€7 m EBITDA pre impact before hedging Net capital gain from ARLANXEO divestment expected to be €80 m - €100 m (including tax payment), reported in

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### 9M 2018: Solid underlying sales development

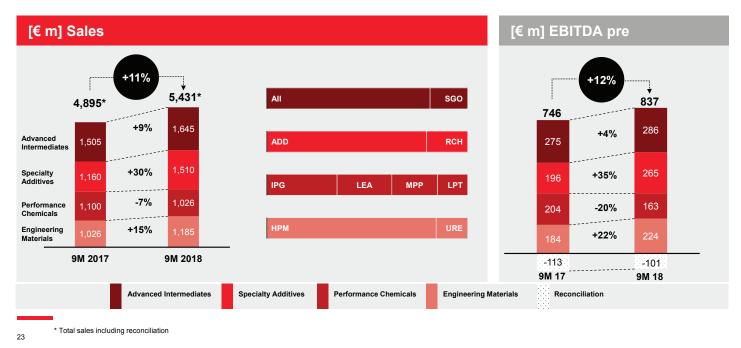




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## 9M 2018: Most segments with strong sales and EBITDA pre growth





## 9M 2018: Strong operating development and portfolio effect drive financials

9M yoy sales variances	Price	Volume	FX	Portfolio	Total
Advanced Intermediates	+8%	+1%	-3%	+3%	+9%
Specialty Additives	+2%	+0%	-3%	+31%	+30%
Performance Chemicals	+1%	-1%	-4%	-2%	-7%
Engineering Materials	+6%	+4%	-2%	+8%	+16%
LANXESS	+4%	+0%	-3%	+9%	+11%

#### 9M yoy New LANXESS EBITDA pre bridge [€ m]\*





- Strong sales growth due to successful raw material price passthrough (esp. BUs AII, ADD and HPM) and portfolio effect
- Overall stable volumes
- Negative FX effect results from H1
- EBITDA pre increase driven by successful price pass-through and portfolio
- "Other" includes freight costs and negative FX effect, over compensated by the positive portfolio effect

## 9M 2018: Strong operational performance and portfolio effect drive financials



[€ m]	9M 2017		9M :	yoy in %	
Sales	4,895	(100%)	5,431	(100%)	11%
Cost of sales	-3,556	(-73%)	-3,982	(-73%)	-12%
Selling	-554	(-11%)	-613	(-11%)	-11%
G&A	-222	(-5%)	-218	(-4%)	2%
R&D	-81	(-2%)	-88	(-2%)	-9%
EBIT	259	(5%)	459	(8%)	77%
Profit from continuing operations	108	(2%)	257	(5%)	>100%
Profit from discontinued operations	65	(1%)	140	(3%)	>100%
Non-controlling interests	37	(1%)	65	(1%)	76%
Net Income	136	(3%)	332	(6%)	>100%
EPS pre* (continuing)	3.41		3.84		13%
EBITDA	562	(11%)	769	(14%)	37%
thereof exceptionals	-184	(-4%)	-68	(-1%)	-63%
EBITDA pre exceptionals	746	(15.2%)	837	(15.4%)	12%

On track to record LANXESS results

- Sales driven by price increase and acquired businesses, FX burdens
- Improved G&A costs reflect reclassification effect from discontinued operations
- Significant EBIT boost due to good performance and lower exceptionals
- Increase in EPS pre due to operational performance and better financial result

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Net of exceptionals and amortization of intangible assets as well as attributable tax effects

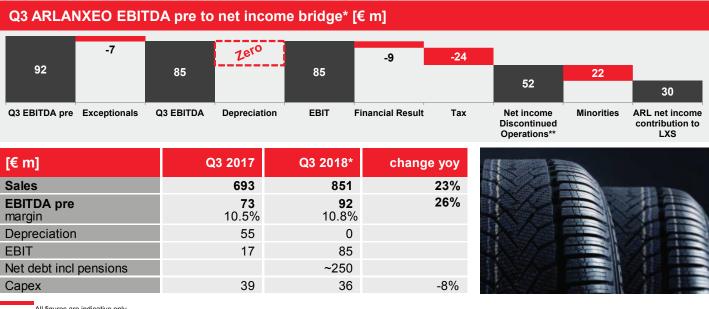
### 9M 2018: Solid operating cash flow

[€ m]	9M 2017	9M 2018
Profit before tax	209	376
Depreciation & amortization	303	310
Financial (gain) losses	16	40
Cash tax payments/refunds	-121	-93
Changes in other assets and liabilities	76	-63
Operating cash flow before changes in WC	483	569
Changes in working capital	-190	-282
Operating cash flow (continuing operations)	293	287
Investing cash flow (continuing operations)	233	-308
Thereof capex	-203	-257
Thereof M&A	-1,782	-66
Thereof cash inflows from/cash outlows for fin. assets	2,276	0
Financing cash flow (continuing operations)	-526	-149



- Operating cash flow on previous year level
- Changes in other assets and liabilities driven by fewer exceptional items and variable compensation
- Investing cash flow:
  - 2017 reflects effects from Chemtura acquisition
  - Capex increases due to growth capex in debottlenecking
  - Mainly acquisition costs for Solvay's phosphorus additive business

### ARLANXEO delivers a solid result while IFRS accounting LANX (D&A) additionally boosts LANXESS' EPS



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All figures are indicative only

\* According to discontinued operations reporting, no ordinary depreciation of ARLANXEO.
\*\* Contains net income only attributable to LANXESS, leading to lower minorities.

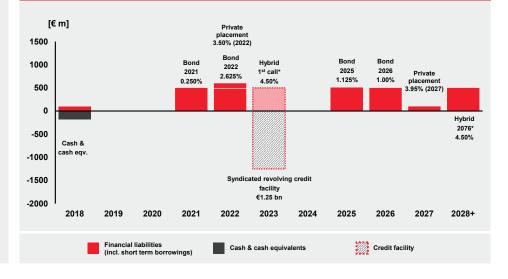
### Maturity profile actively managed and well balanced



#### Long-term financing secured

- Diversified financing sources
  - Bonds & private placements
  - Syndicated credit facility
- Average interest rate of financial liabilities <3%
- Maturing €500 m bond refinanced in May 2018 with new bond maturing in 2025
  - €15 m saving p.a. in interest result
- All group financing executed without financial covenants

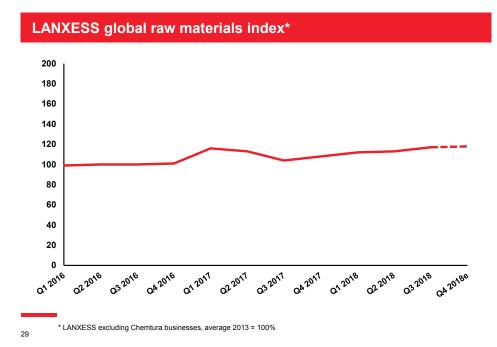




28 \* Hybrid bond with contractual maturity date in 2076 has a first optional call date in 2023

## Raw material prices still slightly increasing, but substantially lower volatility





#### New LXS raw material input

Cyclohexane, Toluene, Ammonia, Chlorine, Cyclohexanon, Benzene, 4-Aminodiphenylamin

- Gradual increase in raw material costs since Q3 2017
- We expect the slight upward trend to continue during Q4 2018

## Significantly reduced exceptional items (on EBIT) in 2018



[€ m]	Q3 2	2017	Q3 2018		9M 2017		9M 2018	
	Excep.	Thereof D&A	Excep.	Thereof D&A	Excep.	Thereof D&A	Excep.	Thereof D&A
Advanced Intermediates	0	0	0	0	3	0	0	0
Specialty Additives	46	29	7	-1	103	35	9	-1
Performance Chemicals	0	0	0	0	70	6	1	0
Engineering Materials	0	0	0	0	13	1	1	1
Reconciliation	15	0	18	0	38	1	57	0
Total	61	29	25	-1	227	43	68	0

## Upcoming events 2018 / 2019



Proactive capital market communication					
2018					
Q3 2018 results	November 12				
<ul> <li>Deutsches Eigenkapitalforum 2018</li> </ul>	November 26	Frankfurt			
Berenberg European Conference 2018	December 3	London			
Credit Suisse Specialty Chemicals Year End Conference	December 4	London			
2019					
Oddo BHF Forum 2019	January 10/11	Lyon			
Commerzbank German Investment Seminar 2019	January 14-16	New York			
<ul> <li>KeplerCheuvreux German Corporate Conference 2019</li> </ul>	January 21/22	Frankfurt			
HSBC 14 <sup>th</sup> ESG Conference	February 6	Frankfurt			
FY 2018 results	March 14				

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### **Abbreviations**



#### Advanced Intermediates

- All Advanced Industrial Intermediates
- SGO Saltigo

#### **Performance Chemicals**

- IPG Inorganic Pigments
- LEA Leather
- MPP Material Protection Products
- LPT Liquid Purification Technologies

#### **Specialty Additives**

- ADD Additives RCH Rhein Chemie

### **Engineering Materials**

- HPM High Performance Materials
- URE Urethane Systems