

## LANXESS - Q1 2018 Roadshow

New LANXESS shows visible organic earnings growth

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## Agenda

## 01. Executive summary Q1 2018

2. Business and financial details Q1 2018
3. Back-up

## Q1 2018: Strong operating performance, but currencies burden

## Highlights

- Successful pass-through of raw material prices
- Overall strong performance. Improvements in Specialty Additives start to materialize
- Despite strong volume base (Q1 2017 pre-buying) New LXS on par with previous year
- Closing of phosphorus additives acquisition from Solvay
- Ongoing debottlenecking investments, new projects initiated



## Lowlights

- Performance Chemicals hit hardest by FX
- Negative sales effect in BU Leather due to chrome ore price decline and closure of Zárate site
- ARLANXEO with EBITDA drop. However, comparing to high previous year level



## Q1 2018 financial highlights: Nice earnings growth of New LANXESS despite FX headwind

| LXS Group figures |  |  |  |
| :---: | :---: | :---: | :---: |
| [€ m] | Q1 2017 | Q1 2018 | yoy in \% |
| Sales | 2,401 | 2,565 | 7\% |
| EBITDA pre margin | $\begin{array}{r} 328 \\ 13.7 \% \end{array}$ | $\begin{array}{r} 375 \\ 14.6 \% \end{array}$ | 14\% |
| EPS pre* | 1.01 | 1.33 | 32\% |
| Capex | 57 | 81 | 42\% |
| [ $€$ m] | 31.12.2017 | 31.03.2018 | $\Delta \%$ |
| Net financial debt | 2,252 | 2,375 | 5\% |
| Net working capital | 1,905 | 2,177 | 14\% |

## Key subgroup figures (indicative only)

## NEW LANXESS

- Sales: 24\% increase to €1,804 m
- EBITDA pre: $40 \%$ increase to $€ 270 \mathrm{~m}$
- EBITDA pre margin: increase to 15\% (+170 bp)

ARLANXEO

- Sales: - $20 \%$ decline to $€ 761$ m
- EBITDA pre: -22\% decline to $€ 105$ m
- EBITDA pre margin: decrease to $13.8 \%$ (-40 bp)


## New LANXESS EBITDA pre substantially increased over time

- Historic performance of New LANXESS Q1 EBITDA pre shows clear growth trend
- Higher earnings volatility in ARL
- Continuous growth and growth stability from New LXS
- Significant increase in Q1 2018 reflects acquisition of Chemtura and synergies


## Q1 2018 segments part I: Positive price development in both segments, currency burdens



- Strong price development in both BUs
- Volume growth in BU All is overcompensated by BU Saltigo
- Portfolio reflects Organometallics
- Despite FX headwind and agro weakness strong operational performance

| € $\boldsymbol{m}]$ | Q1'17 | Q1'18 |
| :--- | :---: | :---: |
| Sales | 518 | 563 |
| EBITDA pre | 91 | 102 |
| Margin | $17.6 \%$ | $18.1 \%$ |

Specialty Additives


- Portfolio effect (Chemtura and Solvay's phosphorus additives) drives sales
- Positive price development in both BUs
- Volumes on previous year's high level
- EBITDA pre increase driven by portfolio effect and synergies, whilst FX burdens

| $[€ \mathrm{~m}]$ | Q1'17 | Q1'18 |
| :--- | :---: | :---: |
| Sales | 239 | 496 |
| EBITDA pre | 44 | 81 |
| Margin | $18.4 \%$ | $16.3 \%$ |

## Q1 2018 segments part II: Engineering Materials with strong EBITDA growth, both segments impacted by FX

## Performance Chemicals



- Price mainly reflects chrome price decline (BU LEA)
- Further volume growth driven by BU LPT and MPP offset by BU IPG (weather) and BU LEA (Zárate closure)
- Portfolio reflects disposal of chlorine dioxide business (BU MPP)
- EBITDA and margin mainly impacted by negative FX effects and chrome ore price decline

| $[€ \mathrm{~m}]$ | Q1'17 | Q1'18 |
| :--- | :---: | :---: |
| Sales | 368 | 336 |
| EBITDA pre | 59 | 52 |
| Margin | $16.0 \%$ | $15.5 \%$ |



- Successful pass-on of raw material price increases
- Increased volumes reflect mix effect of strong compound demand
- Portfolio contribution from acquired Urethane Systems
- Improved EBITDA and margin due to acquisition of BU URE, good utilization and strong lightweight compound demand, partly offset by negative currency effects

| $[€ \mathrm{~m}]$ | Q1'17 | Q1'18 |
| :--- | :---: | :---: |
| Sales | 315 | 393 |
| EBITDA pre | 48 | 73 |
| Margin | $15.2 \%$ | $18.6 \%$ |

## Core macro trends are intact, but weak U.S. dollar might LANXESS weigh on EBITDA growth

Macro
economic trends

New
LANXESS FY 2018

- Ongoing growth in all regions expected
- After soft first half of 2018 agro business is expected to improve gradually
- Risk from trade tariffs might impact global growth
- Raw material price trend expected to continue upward
- Ongoing FX headwind
- Higher volumes expected even comparing to strong prior year base
- FY 2018 EBITDA pre expected to increase 5 - 10\% yoy (FY 2017: ~€925 m)



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## Q1 2018: Strong pricing and portfolio effect while volumes are stable versus a strong prior year base



- Sales increase driven by Chemtura acquisition and successful raw material price pass-through (esp. BUs All and HPM)
- Weak volumes in BU SGO and FX headwind with offsetting effect on sales development; tough comparable volumes in previous year
- EBITDA pre increase driven by price and portfolio effect
- "Other" includes the portfolio effect and a significant FX burden


## Q1 2018: Substantial earnings improvement

| [€ m] | Q1 2017 |  | Q1 2018 |  | yoy in \% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Sales | 2,401 | (100\%) | 2,565 | (100\%) | 7\% |
| Cost of sales | -1,855 | (-77\%) | -1,966 | (-77\%) | -6\% |
| Selling | -218 | (-9\%) | -248 | (-10\%) | -14\% |
| G\&A | -72 | (-3\%) | -98 | (-4\%) | -36\% |
| R\&D | -34 | (-1\%) | -39 | (-2\%) | -15\% |
| EBIT | 192 | (8\%) | 204 | (8\%) | 6\% |
| Non-controlling interests | 25 | (1\%) | 13 | (1\%) | -48\% |
| Net Income | 78 | (3\%) | 96 | (4\%) | 23\% |
| EPS pre* | 1.01 |  | 1.33 |  | 32\% |
| EBITDA thereof exceptionals | $\begin{gathered} 316 \\ -12 \end{gathered}$ | $\begin{array}{r} (13 \%) \\ (0 \%) \end{array}$ | $\begin{array}{r} 358 \\ -17 \end{array}$ | $\begin{array}{r} (14 \%) \\ (-1 \%) \end{array}$ | $\begin{aligned} & 13 \% \\ & 42 \% \end{aligned}$ |
| EBITDA pre exceptionals | 328 | (13.7\%) | 375 | (14.6\%) | 14\% |

- Sales benefit from price increase and Chemtura consolidation, FX burdens
- SG\&A increase mainly due to portfolio effect
- Net income benefits from a more favorable tax rate and lower deductions for minorities (ARLANXEO)
- Exceptionals mainly driven by restructuring and Chemtura synergies

Q1 provides a solid foundation for 2018

## Q1 2018: Strong sales and EBITDA pre development in most New LANXESS segments



12 *Total group sales including reconciliation

## Cash Flow Q1 2018 improved

| [€ m] | Q1 2017 | Q1 2018 |
| :--- | ---: | ---: |
| Profit before tax | 162 | 163 |
| Depreciation \& amortization | 124 | 154 |
| Financial (gain) losses | 20 | 19 |
| Income taxes paid | -65 | -37 |
| Changes in other assets and liabilities | 42 | 41 |
| Operating cash flow before changes in WC | 283 | 340 |
| Changes in working capital | -273 | -318 |
| Operating cash flow | 10 | 22 |
| Investing cash flow | -15 | -133 |
| Thereof capex | -57 | -81 |
| Financing cash flow | 52 | 13 |

- Depreciation \& amortization increase due to Chemtura acquisition
- Payment of income taxes influenced by timing effects
- Higher seasonal working capital build-up
- Investing cash flow contains the acquisition of Solvay's phosphorus additives business
- Capex increases due to Chemtura acquisition and additional growth capex


## Balance sheet with stable equity ratio

| [€ m] | 31.12 .2017 | 31.03 .2018 |
| :--- | ---: | ---: |
| Total assets | $\mathbf{1 0 , 3 9 6}$ | $\mathbf{1 0 , 4 2 0}$ |
| Equity (incl. non-controlling interest) | 3,413 | 3,425 |
| Equity ratio | $\mathbf{3 3 \%}$ | $\mathbf{3 3 \%}$ |
| Net financial debt |  |  |
| (atter deduction of current financial assets) | $\mathbf{2 , 2 5 2}$ | $\mathbf{2 , 3 7 5}$ |
| Near cash, cash \& cash equivalents | 588 | 488 |
| Pension provisions | $\mathbf{1 , 4 9 0}$ | $\mathbf{1 , 5 0 2}$ |
| Net working capital | $\mathbf{1 , 9 0 5}$ | $\mathbf{2 , 1 7 7}$ |
| DSI (in days)* | 65 | 65 |
| DSO (in days)** | 51 | 45 |

- Net financial debt increases due to seasonal working capital buildup and cash out for Solvay acquisition
- Net working capital rise driven by seasonal increase
- Technical DSO decline due to IFRS 15 adjustment

[^0]
## Stable and solid balance sheet with only minor variation post the Chemtura consolidation

| [€ m] | Dec 2017 | Mar 2018 |  | Dec 2017 | Mar 2018 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Non-current assets | 6.439 | 6.357 | Stockholders' equity | 3,413 | 3,425 |
| Intangible assets | 1.769 | 1.761 | attrib. to non-contr. interests | 1,126 | 1,115 |
| Property, plant \& equipment | 4.059 | 3.977 | Non-current liabilities | 4,525 | 4,510 |
| Equity investments | 0 | 0 | Pension \& post empl. provis. | 1,490 | 1,502 |
| Other investments | 9 | 9 | Other provisions | 460 | 437 |
| Other financial assets | 20 | 39 | Other financial liabilities | 2,242 | 2,231 |
| Tax receivables | 20 | 12 | Tax liabilities | 119 | 125 |
| Other non-current assets | 562 | 559 | Other liabilities | 101 | 102 |
| Current assets | 3.957 | 4.063 | Deferred taxes | 113 | 113 |
| Inventories | 1.680 | 1.843 | Current liabilities | 2,458 | 2,485 |
| Trade account receivables | 1.316 | 1.292 | Other provisions | 525 | 587 |
| Other current financial assets | 7 | 50 | Other financial liabilities | 633 | 683 |
| Other current assets | 366 | 390 | Trade accounts payable | 1,048 | 958 |
| Near cash assets | 50 | 50 | Tax liabilities | 61 | 62 |
| Cash and cash equivalents | 538 | 438 | Other liabilities | 191 | 195 |
| Total assets | 10.396 | 10.420 | Total equity \& liabilities | 10,396 | 10,420 |

IFRS 15 effects mainly reflected in receivables and inventories

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## Housekeeping items New LANXESS (excluding ARLANXEO)

## New LANXESS financial expectations

- Capex 2018:
- Operational D\&A 2018:
- Reconciliation 2018:
- Tax rate:
- FX sensitivity:
€450 m-€500 m
-€ 400 m
around previous year level ( $-€ 150 \mathrm{~m}$ )
lower end of 30\%-35\%
one cent change of USD/EUR $\sim € 7 \mathrm{~m}$ EBITDA pre impact before hedging
- As of Q2 2018: ARLANXEO as "discontinued operations" with a restatement of 2017 and 2018 YTD figures (P\&L)
" As of Q2 2019: ARLANXEO accounted for "at equity"
- IFRS 15 has been applied since January 1, 2018; no material impact on result


## Q1 2018: New LANXESS with strong operational development in EMEA and North America



Regional development of sales* [ $€$ million]


## Transition effects from IFRS 15

| Selected Balance Sheet items | $\mathbf{3 1 . 1 2 . 2 0 1 7}$ | Transition <br> IFRS 15 | $\mathbf{0 1 . 0 1 . 2 0 1 8}$ | $\mathbf{3 1 . 0 3 . 2 0 1 8}$ |
| :--- | :---: | :---: | :---: | :---: |
| Assets [€ m] |  |  |  |  |
| Inventories | 1,680 | $\mathbf{+ 1 2 4}$ | 1,804 | 1,843 |
| Trade receivables | 1,316 | $\mathbf{- 1 9 6}$ | 1,119 | 1,292 |
| Deferred taxes | 442 | $\mathbf{+ 1 0}$ | 452 | 441 |
| Other current financial assets | 7 | $\mathbf{+ 3 6}$ | 43 | 50 |
| Other non-current financial assets | 20 | $\mathbf{+ 2 0}$ | 40 | 39 |
|  |  | $\mathbf{\sum - 7}$ |  |  |
| Liabilities [€ m] |  |  |  |  |
| Equity | 3,413 | $\mathbf{- 1 4}$ | 3,398 | 3,425 |
| Deferred taxes | 113 | $\mathbf{+ 5}$ | 118 | 113 |
| Other current liabilities | 179 | $\mathbf{+ 3}$ | 182 | 186 |
| Other non-current liabilities | 99 | $\mathbf{0}$ | 99 | 101 |
|  |  | $\sum \mathbf{- 7}$ |  |  |

## Negligible P\&L impact

- New IFRS 15 first applicable as from 1st of January, 2018
- Minor transition effect on balance sheet total from IFRS 15
- Visible shift between inventories and trade receivables due to different revenue recognition
- No visible impact on income statement, net effect on sales and cogs below ~€1 m


## LANXESS delivers on organic growth

| Organic investment program well on track |  | Capex |
| :---: | :---: | :---: |
| BU All: | Capacity increase for DCB* initiated, Leverkusen (Germany), finalized beginning 2019 | not discl. |
|  | Additional MEA* capacity, Brunsbüttel (Germany), already available | -€15 m |
| BU SGO: | Successful debottlenecking in Leverkusen (Germany) end of 2017, custom manufacturing focusing on agro | $\sim$-60 m |
| BU RCH: | New production line zinc oxide, Uerdingen (Germany), to be finalized end of 2018 | -€10 m |
| BU IPG: | State of the art facility for iron oxides, Ningbo (China) | $\sim 660 \mathrm{~m}$ |
|  | Planned capacity increase for iron oxides, in Germany and Brazil, available in 2019 | not discl. |
| BU HPM: | New compounding facility in Changzhou (China), available Q2 2019, further expansion of engineering plastics capacity | -€20 m |
| For New LANXESS: until $2020 \sim \mathbf{4 0 0}$ m capex at ROCE of $\sim \mathbf{2 0 \%}$ |  |  |



# Business Unit Additives with strong focus on high value-add industrial lubricant solutions 


illustrative

## A leading specialties player

- Highly diversified end-market split with focus on industrial lubricants
- Strong expertise in high value-add specialty lubricants
- Leading positions in mid-sized and niche markets
- Automotive exposure well balanced with additives and base stocks only for high grade specialty engine oils (highest category 4 \& 5)


## 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\%
- All group financing executed without financial covenants


## Liquidity and maturity profile as per March 2018




## LANXESS <br> Energizing Chemistry

## Back-up

ARLANXEO discontinued operations

## ARLANXEO copes well with challenging market conditions, even though at normalized level



- ARLANXEO Q1 2018:
- Sales bridge:
price: -8\% volume: -4\% (pre-buying 2017) FX: -9\%
- Comparison to unusually strong Q1 2017 base
- Ongoing EPDM margin pressure
- Substantial adverse FX effect
- Scheduled maintenance shutdown in Singapore
- Starting in Q2 2018, ARLANXEO will no longer be included in LANXESS' operational results


## Details on accounting

for discontinued operations of ARLANXEO


## Details on accounting for discontinued operations of ARLANXEO and on New LANXESS (starting Q2 2018)

## Income Statement

- A discontinued operation is reported as income separate from continued operations
- EPS from discontinued, continuing \& total to be reported
- Restatement of previous years' figures


## Cash Flow Statement

- Presentation of cash flows from continuing operations
- Restatement of previous years' figures


## Balance Sheet

- Line items "Assets and liabilities held for sale and discontinued operations" will be shown under "current assets" and "current liabilities" respectively
- No restatement of previous years' figures


## ROCE

- ROCE definition will be adjusted for "continuing operations"


## Raw material prices with slight upward trend but lower volatility

Global raw materials index*


- 2017 started with a spike in raw material prices which reversed in Q2 and Q3
- Raw material costs have gradually increased during Q4 2017 and Q1 2018 on the back of a rising oil price
- We expect the slight upward trend to continue during Q2 2018


## Overview exceptional items Q1 2017 and Q1 2018



## Upcoming events 2018

| Proactive capital market communication |  |  |
| :--- | :--- | :--- |
| - Q1 2018 results | May 4 |  |
| - Annual General Meeting 2018 | May 15 | Cologne |
| - Commerzbank Northern European Conference | May 17 | Boston |
| - mBank Chemicals Day 2018 | June 5 | Warsaw |
| - dbAccess Berlin Conference | June 6/7 | Berlin |
| - Citi's London Chemicals Conference | June 21 | London |
| - Morgan Stanley Cannon Ball Run | June 26 | Cologne |
| - Q2 2018 results | August 2 |  |
| - Analyst Roundtable | September 20 |  |
| - Q3 2018 results | November 12 |  |

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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


## ARLANXEO

- TSR Tire \& Specialty Rubbers
- HPE High Performance Elastomers


[^0]:    14 * Days sales of inventory calculated from quarterly sales ** Days of sales outstanding calculated from quarterly sales

