



## LANXESS: On track

Q2 2019 Roadshow

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### Agenda

1 Executive summary Q2 2019

2 Business and financial details Q2 and H1 2019

3 Back-up



# Q2 2019: Solid performance despite macroeconomic headwinds





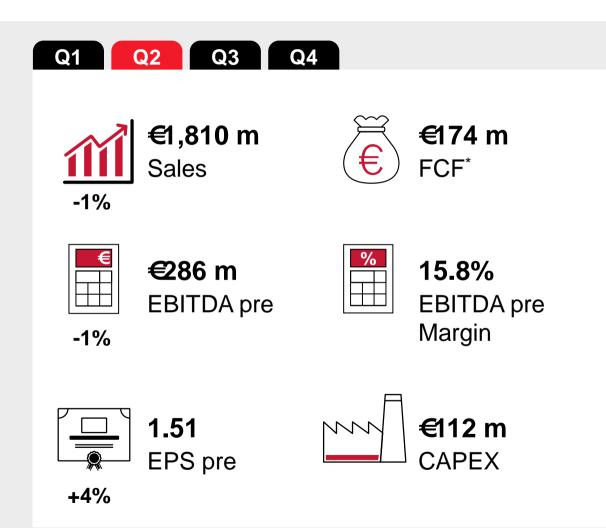
- Strategic transformation is paying off
- Leading positions in attractive niche markets balance declining auto sector
- Three out of four segments weather increasingly challenging environment
- Group financials on strong prior year's level
- Share buy-back program accomplished



- Lower volumes due to:
  - persistent weakness in automotive and agro sector
  - termination of low-margin contracts and site closures (Specialty Additives)
- Generally hesitant order behavior of customers

### Key Figures: Q2 2019 on track as guided

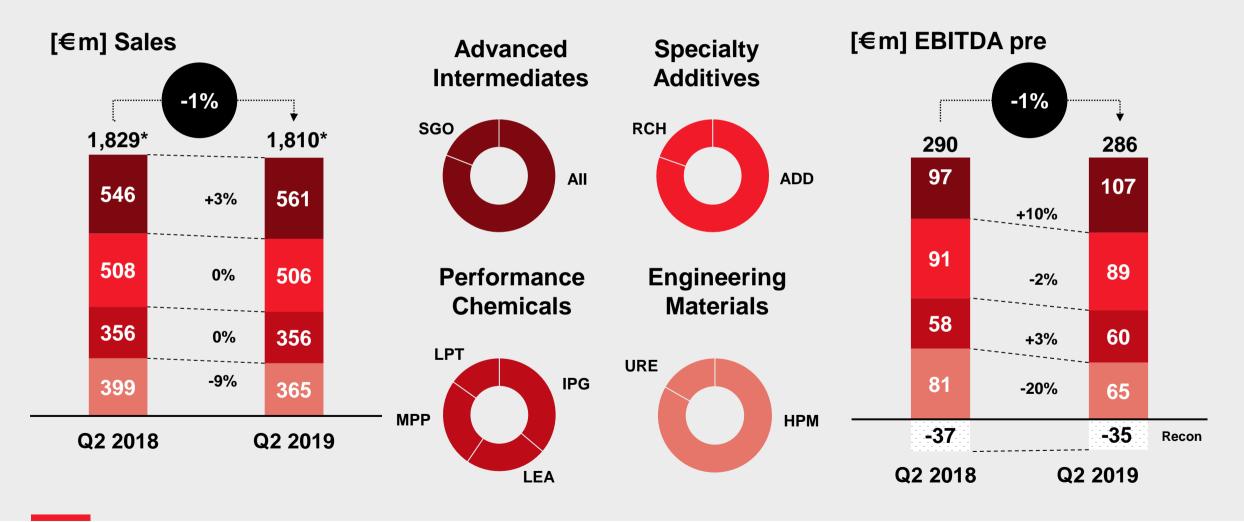






# Q2 2019: Balanced portfolio compensates for lower demand from auto industry



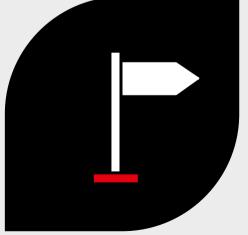


Total group sales including reconciliation

# **Guidance for FY 2019 reiterated – LANXESS' transformation is paying off**







#### **Current view on economy**

- Macro risks increasing
- Auto: no recovery ahead
- Demand situation remains uncertain triggering hesitant customer order pattern

#### **LANXESS FY 2019**

FY 2019 EBITDA pre still expected between €1,000 m and €1,050 m, Q3 slightly weaker, Q4 slightly better than in 2018

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### LXS Group: Resilient performance



# EBITDA and margin on PY level despite macroeconomic headwinds

| [€m]       | Q2 2018 | Q2 2019 | Δ   | YTD 2018 | YTD 2019 | Δ   |
|------------|---------|---------|-----|----------|----------|-----|
| Sales      | 1,829   | 1,810   | -1% | 3,645    | 3,632    | 0%  |
| EBITDA pre | 290     | 286     | -1% | 560      | 561      | 0%  |
| Margin     | 15.9%   | 15.8%   |     | 15.4%    | 15.4%    |     |
| CAPEX      | 83      | 112     | 35% | 143      | 184      | 29% |



- Slightly lower sales: volume decline mainly impacted by auto demand and termination of margin-dilutive tolling agreements mitigated by strong AI segment and positive FX effect
- EBITDA pre and margin supported by favorable FX
- Higher capex resulting from further investments in de-bottleneckings



### Advanced Intermediates: Holding up nicely



# Weathering troubled waters

| [€m]       | Q2 2018 | Q2 2019 | Δ   | YTD 2018 | YTD 2019 | Δ   |
|------------|---------|---------|-----|----------|----------|-----|
| Sales      | 546     | 561     | 3%  | 1,111    | 1,147    | 3%  |
| EBITDA pre | 97      | 107     | 10% | 199      | 221      | 11% |
| Margin     | 17.8%   | 19.1%   |     | 17.9%    | 19.3%    |     |
| CAPEX      | 30      | 33      | 10% | 53       | 58       | 9%  |



Total **+3**%

Q2 Sales vs. PY

- Volume-driven sales increase in both BUs
- Slightly lower prices also due to raw material price pass-through
- Positive FX development compensates price decline in sales
- Volume-driven EBITDA pre and margin improvement based on strong performance in BU AII and ongoing recovery in BU SGO

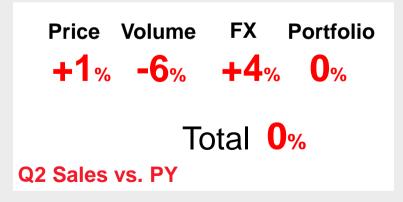


### **Specialty Additives: Stable development**



# Bromine and flame retardants support performance

| [€m]       | Q2 2018 | Q2 2019 | Δ   | YTD 2018 | YTD 2019 | Δ   |
|------------|---------|---------|-----|----------|----------|-----|
| Sales      | 508     | 506     | 0%  | 1,008    | 991      | -2% |
| EBITDA pre | 91      | 89      | -2% | 172      | 172      | 0%  |
| Margin     | 17.9%   | 17.6%   |     | 17.1%    | 17.4%    |     |
| CAPEX      | 28      | 30      | 7%  | 44       | 44       | 0%  |



- Sales on PY level: Price and FX effects mitigate reduced volumes
- Positive price effect in bromine products
- Volume decrease due to lower auto demand (mainly BU RCH) and termination of margin-dilutive tolling agreements
- Pricing, FX and synergies compensate volume effect on EBITDA pre and margin level

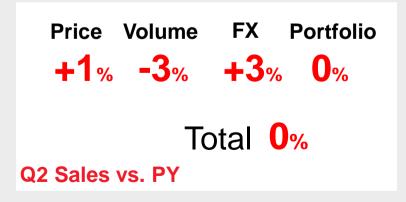


### **Performance Chemicals: Improving**



# Regulated chemistry with strong performance

| [€m]       | Q2 2018 | Q2 2019 | Δ   | YTD 2018 | YTD 2019 | Δ   |
|------------|---------|---------|-----|----------|----------|-----|
| Sales      | 356     | 356     | 0%  | 692      | 703      | 2%  |
| EBITDA pre | 58      | 60      | 3%  | 110      | 114      | 4%  |
| Margin     | 16.3%   | 16.9%   |     | 15.9%    | 16.2%    |     |
| CAPEX      | 15      | 17      | 13% | 27       | 30       | 11% |



- Stable sales as pricing and FX compensate for lower volumes
- Higher prices in BU MPP and BU LPT, while prices in BU IPG and BU LEA decline slightly
- Strong volumes in BU MPP (African Swine Fever) overcompensated by decline in BU LEA also impacted by illegal strike in South Africa
- BUs MPP, LPT and IPG contribute to improved EBITDA pre and margin



# Engineering Materials: Lower volumes due to weak auto demand



# Tough market environment

| [€m]       | Q2 2018 | Q2 2019 | Δ     | YTD 2018 | YTD 2019 | Δ     |
|------------|---------|---------|-------|----------|----------|-------|
| Sales      | 399     | 365     | -9%   | 791      | 747      | -6%   |
| EBITDA pre | 81      | 65      | -20%  | 154      | 130      | -16%  |
| Margin     | 20.3%   | 17.8%   |       | 19.5%    | 17.4%    |       |
| CAPEX      | 9       | 20      | >100% | 15       | 31       | >100% |



- Sales impacted by lower volumes compared to a strong Q2 2018
- Prices stable in both BUs
- Volumes drop mainly in BU HPM due to weaker auto demand, impacting EBITDA pre and margin
- Margin retained on good level despite end market weakness

### Q2 2019: Stable on strong previous year level



| [€m]               | Q2 2018 <sup>*</sup> |         | Q2 2019 |         | yoy in % |
|--------------------|----------------------|---------|---------|---------|----------|
| Sales              | 1,829                | (100%)  | 1,810   | (100%)  | -1%      |
| Cost of sales      | -1,332               | (-73%)  | -1,315  | (-73%)  | 1%       |
| Selling            | -212                 | (-12%)  | -228    | (-13%)  | -8%      |
| G&A                | -69                  | (-4%)   | -69     | (-4%)   | 0%       |
| R&D                | -28                  | (-2%)   | -31     | (-2%)   | -11%     |
| EBIT               | 159                  | (9%)    | 143     | (8%)    | -10%     |
| Net Income         | 97                   | (5%)    | 100     | (6%)    | 3%       |
| EPS pre**          | 1.45                 |         | 1.51    |         | 4%       |
| EBITDA             | 263                  | (14%)   | 264     | (15%)   | 0%       |
| thereof except.    | -27                  | (-1%)   | -22     | (-1%)   | -19%     |
| EBITDA pre except. | 290                  | (15.9%) | 286     | (15.8%) | -1%      |

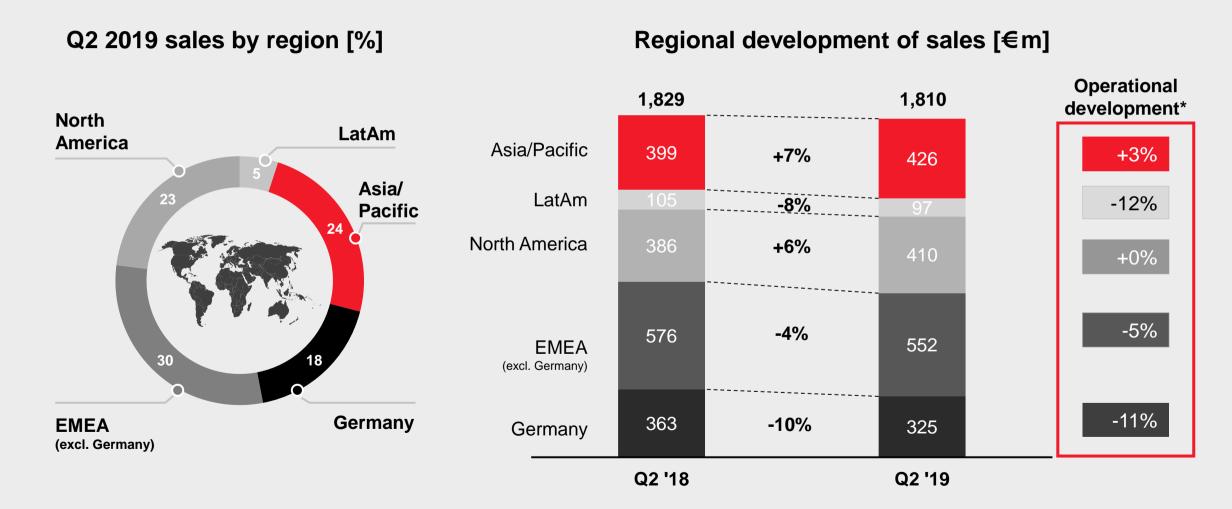
- Higher selling expenses driven by rising freight costs and FX
- Improved net income resulting from a better financial result, mainly driven by higher Currenta dividend
- EPS pre increase supported by share buyback
- Decrease in exceptionals due to lower restructuring and project costs

<sup>\* 2018</sup> applies to continuing operations

<sup>&</sup>quot; Net of exceptionals and amortization of intangible assets as well as attributable tax effects

# Q2 2019: Asia and North America grow supported by FX tailwind, other regions decline





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

# Cash flow Q2 2019: Higher operating cash flow due to improved working capital



| [€m]                       | Q2 2018 <sup>*</sup> | Q2 2019 | Δ   |  |
|----------------------------|----------------------|---------|-----|--|
| Operating cash flow        | 37                   | 82      | 45  |  |
| Changes in working capital | -67                  | 13      | 80  |  |
| Investing cash flow        | -81                  | -74     | 7   |  |
| thereof capex              | -83                  | -112    | -29 |  |

- Increase in operating cash flow driven by:
  - Improvement in changes in working capital, reflecting lower increase in inventories
- Capex increase driven by debottlenecking investments

#### **Balance sheet: Solid!**



| [€m]                               | 31.12.2018 | 30.06.2019 |
|------------------------------------|------------|------------|
| Total assets                       | 8,687      | 8,584      |
| Equity                             | 2,773      | 2,648      |
| Equity ratio                       | 32%        | 31%        |
| Net financial debt <sup>1</sup>    | 1,381      | 1,902      |
| Near cash, cash & cash equivalents | 797        | 229        |
| Pension provisions                 | 1,083      | 1,170      |
| Net working capital                | 1,455      | 1,611      |
| DSI (in days) <sup>2</sup>         | 69         | 69         |
| DSO (in days) <sup>3</sup>         | 46         | 46         |

- Net debt and cash position mainly impacted by:
  - Share buy-back (€200 m),
  - IFRS 16 effect (~€130 m)
  - Dividend payment (€79 m)
  - Payment of variable compensation
- Higher pension provisions due to declining underlying interest rate in Germany
- Working capital following normal seasonal pattern with stable DSI and DSO

<sup>&</sup>lt;sup>1</sup> Including cash, cash equivalents and near cash assets and after deduction of time deposits and securities available for sale

<sup>&</sup>lt;sup>3</sup> Days of sales outstanding calculated from quarterly sales

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#### Housekeeping items



**Capex 2019** 

~€500m

Operational D&A 2019

~€450m

Reconciliation 2019

~€150m - €160m including remnant costs

Tax rate

~30%

Exceptionals 2019

~€30m - €60m based on current initiatives

**FX** sensitivity

One cent change of USD/EUR resulting in ~€7m EBITDA pre impact before hedging

Remnant costs

ARLANXEO: ~€8 m in 2019

~€10 m in 2020

# LANXESS signs contract to sell its stake in Currenta to Macquarie\*



#### **Securing site-services by long-term contracts**

- Currenta (CUR) is the infrastructure and site services provider for three chemical parks (Leverkusen, Krefeld-Uerdingen, Dormagen) in Germany
- Ownership structure of CUR since LANXESS' spinoff: Bayer 60%, LANXESS 40%
- Current accounting treatment: equity method value on LANXESS' balance sheet of €0 m; dividend shown in financial result (avg. dividend last 5 years: ~€15 m)
- Future site services secured 10 year contracts at attractive conditions for continued services in place



LANXESS realizes hidden reserve while securing its strategic interest

<sup>\*</sup> Funds managed by Macquarie Infrastructure and Real Assets (MIRA)

# Win-win: Long-term protection of competitive operations and monetarization of hidden reserves

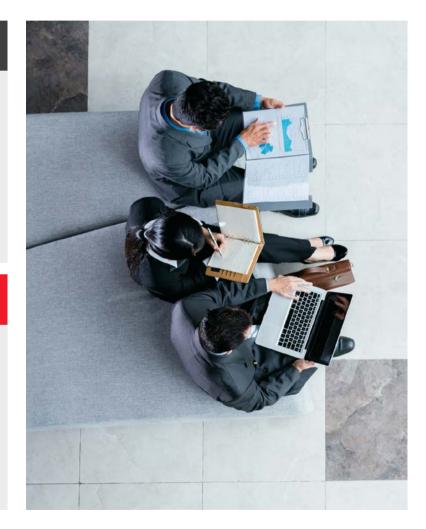


#### Straight forward rationale

- Securing strategic site services at attractive conditions:
  - Long-term contracts regarding utilities, services and other supply with continued quality, costs, etc.
  - ► Making shareholding in CUR obsolete
- Raise hidden reserve and strengthen financial position

#### **Attractive financial details**

- 100% EV of Currenta: ~ €3.5 bn (including ~€1.6 bn pension provisions and net debt)
- Equity value of ~€780\* m for 40% CUR expected, equals ~50x avg. dividend and representing ~18% of LANXESS' market cap\*\*\*
- LANXESS receives profit participation till closing until April 30, 2020\*\*



<sup>\*</sup> Pre tax, tax rate of ~20% expected \*\* Subject to antitrust approval \*\*\* As per August 6, 2019

# After closing all capital allocation options will be considered



#### Capital allocation options after receipt of cash at closing (until April 30, 2020\*)

**Organic growth** 

**External growth** 

**Debt repayment** 

**Pension funding** 

**Share buyback** 

**Dividend** 



In line with investment grade commitment and aligned with our shareholders' interests

<sup>\*</sup> Subject to antitrust approval

# Delivery: LANXESS to sell its chrome chemicals business to Brother Enterprises



**Key Figures** 

• Sales: ~€100 m

Closing: end of 2019\*

Strategic Rationale

- Chrome chemicals no longer fit to our strategic focus
- Leadership of Brother Enterprises fosters future growth and development

Transaction Scope

**BU** Leather structure

Chrome Ore

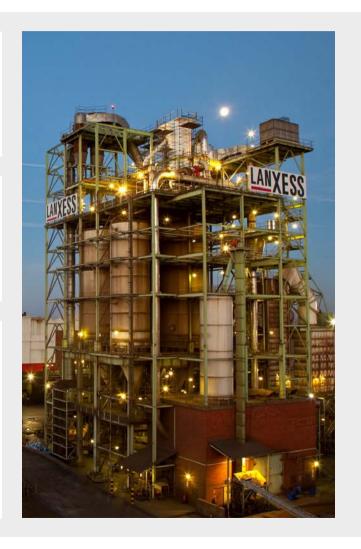
South Africa

Scope
Chrome Chemicals\*\*

South Africa

Organic Leather Chemicals

EMEA, China



### H1 2019: Stable on strong previous year level



| [€m]               | H1 2018 <sup>*</sup> |         | H1 2019 |         | yoy in % |
|--------------------|----------------------|---------|---------|---------|----------|
| Sales              | 3,645                | (100%)  | 3,632   | (100%)  | 0%       |
| Cost of sales      | -2,674               | (-73%)  | -2,666  | (-73%)  | 0%       |
| Selling            | -411                 | (-11%)  | -444    | (-12%)  | -8%      |
| G&A                | -146                 | (-4%)   | -135    | (-4%)   | 8%       |
| R&D                | -58                  | (-2%)   | -59     | (-2%)   | -2%      |
| EBIT               | 313                  | (9%)    | 282     | (8%)    | -10%     |
| Net Income         | 178                  | (5%)    | 184     | (5%)    | 3%       |
| EPS pre**          | 2.61                 |         | 2.79    |         | 7%       |
| EBITDA             | 518                  | (14%)   | 517     | (14%)   | 0%       |
| thereof except.    | -42                  | (-1%)   | -44     | (-1%)   | 5%       |
| EBITDA pre except. | 560                  | (15.4%) | 561     | (15.4%) | 0%       |

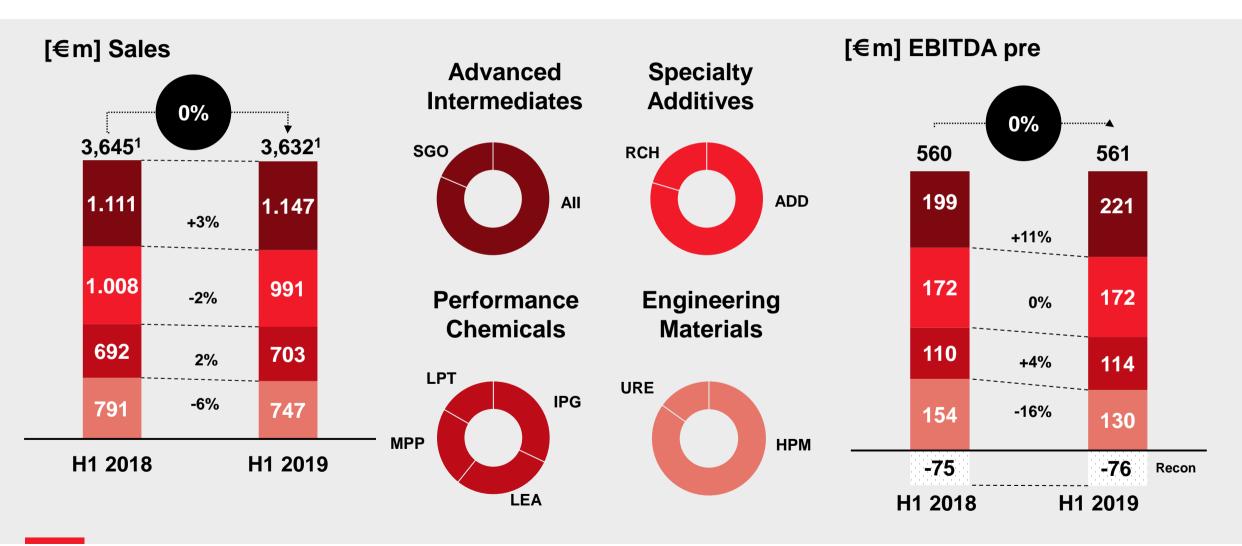
- Higher selling expenses driven by rising freight costs and FX
- Increase in net income resulting from a better financial result, mainly driven by higher Currenta dividend
- EPS pre increase supported by share buyback

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# H1 2019: Balanced portfolio compensates for lower demand from auto industry

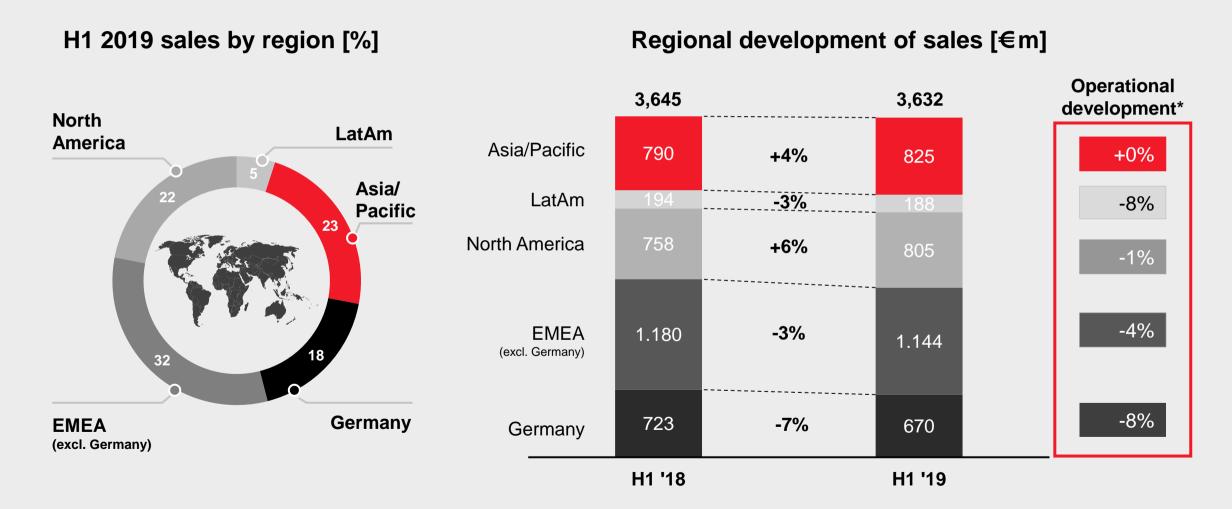




<sup>\*</sup> Total group sales including reconciliation

# H1 2019: Asia and North America grow supported by FX tailwind, other regions decline





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

# Cash flow H1 2019: Higher operating cash flow due to improved working capital



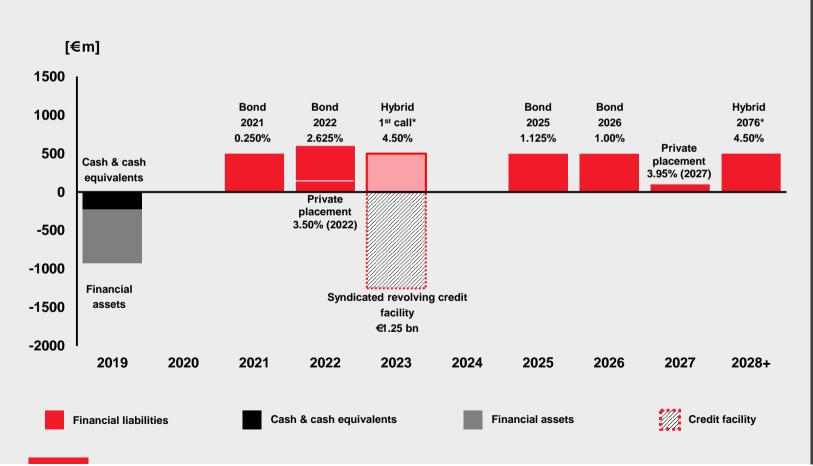
| [€m]                       | H1 2018 <sup>*</sup> | H1 2019 | Δ    |
|----------------------------|----------------------|---------|------|
| Operating cash flow        | 65                   | 114     | 49   |
| Changes in working capital | -273                 | -149    | 124  |
| Investing cash flow        | -194                 | -313    | -119 |
| thereof capex              | -143                 | -184    | -41  |

- Increase in operating cash flow driven by:
  - Improvement in changes in working capital, reflecting lower increase in inventories
- Lower investing cash flow due to
  - Capex increase driven by debottlenecking investments
  - Investment of liquidity after ARLANXEO divestment

### Maturity profile actively managed and well balanced



#### Liquidity and maturity profile as per June 2019



#### Long-term financing secured

- Diversified financing sources
  - Bonds & private placements
  - Syndicated credit facility
- Average interest rate of financial liabilities ~2%
- Next bond maturity in 2021
- All group financing executed without financial covenants

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

# Decrease in exceptional items (on EBIT) due to lower restructuring and project costs



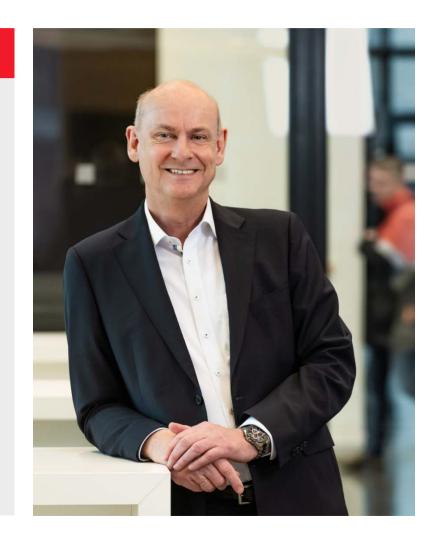
| [€m] |                           | Q2 :   | Q2 2018     |        | Q2 2019     |        | YTD 2018    |        | YTD 2019       |  |
|------|---------------------------|--------|-------------|--------|-------------|--------|-------------|--------|----------------|--|
|      |                           | Excep. | Thereof D&A | Excep. | Thereof D&A | Excep. | Thereof D&A | Excep. | Thereof<br>D&A |  |
|      | Advanced<br>Intermediates | 0      | 0           | 0      | 0           | 0      | 0           | 0      | 0              |  |
|      | Specialty<br>Additives    | 2      | 0           | 5      | 2           | 2      | 0           | 6      | 2              |  |
|      | Performance<br>Chemicals  | 0      | 0           | 1      | 0           | 1      | 0           | 5      | 0              |  |
|      | Engineering Materials     | 1      | 1           | 0      | 0           | 1      | 1           | 0      | 0              |  |
|      | Reconciliation            | 25     | 0           | 19     | 1           | 39     | 0           | 36     | 1              |  |
| Tota | al                        | 28     | 1           | 25     | 3           | 43     | 1           | 47     | 3              |  |

### New Board member responsible for additives business



#### **Anno Borkowsky**

- Responsibility for all businesses in the Specialty Additives segment
- New position underpins importance of additives business at LANXESS
- Start on June 1, 2019
- Roughly 30 years of experience in the chemical industry
  - Since 1990: working at Bayer / LANXESS
  - 2004-2017: Head of RheinChemie (additives) business unit
  - 2017-2019 Head of Additives business unit



### Reorganization of Specialty Additives segment



# Advanced Intermediates

- Advanced Industrial Intermediates
- Saltigo

## **Specialty Additives**



- Polymer Additives (new)
- Flame retardants / other plastics additives
- Head of BU: Karsten Job
- Lubricant Additives Business (new)
- Lubricants / lubricant additives
- Head of BU: Martin Saewe
- Rhein Chemie
- Rubber additives / colorants
- Head of BU: Philipp Junge

#### Performance Chemicals



- Material Protection Products
- Inorganic Pigments
- Leather
- Liquid Purification Technologies

## Engineering Materials



- High Performance Materials
- Urethane Systems

# Self-help measures in place to achieve goals and become more resilient



#### Self-help measures

- Debottlenecking and brownfield growth capex (ROCE of ~20%)
- Implementation of remaining €30 m synergies from Chemtura until 2020
- Saltigo improvement
- Take Organometallics' margin to industry level (~15%)
- Further portfolio alignment

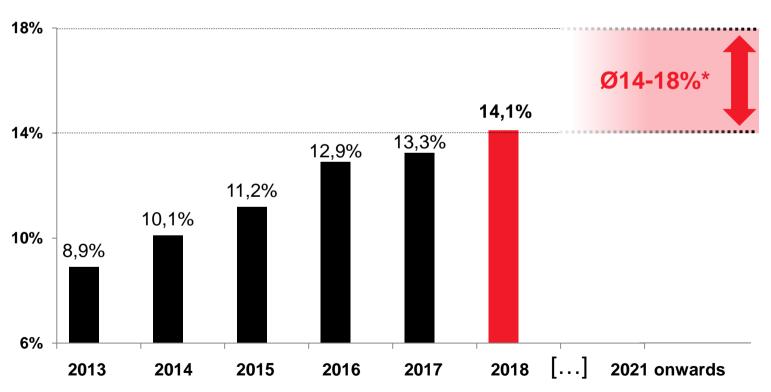
### On track to reach financial goals for 2021 **EBITDA** pre 14-18% margin (group, Ø through the cycle) Cash con->60% version\* **EBITDA** pre margin volatility

### **EBITDA**-margin in targeted corridor



#### **Trajectory to mid-term target**

#### [EBITDA pre margin]





### Improving portfolio of businesses



#### **Organic growth**

- Several projects of manageable size underway
- Attractive, return-improving project ROCE (~20%)

#### **Portfolio management**

- Acquisitions executed at reasonable prices strengthen portfolio and add resilience
- Divestments prove diligent approach to portfolio management





### Self-help measures in execution



#### Restructuring

- Site closures where restructuring is necessary
- Continuous evaluation of businesses



#### **Synergies**

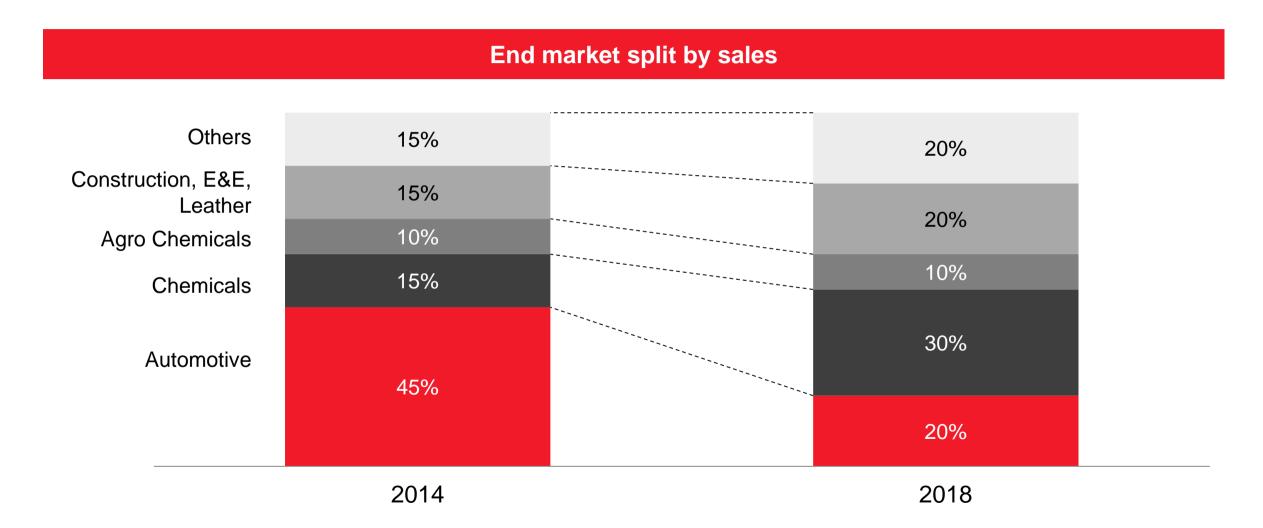
- Realization of Chemtura synergies ahead of plan
- Sales synergies not included, providing further cushion in softening environment



#### **Solid foundation for the LANXESS platform**

### More diversified and resilient end market exposure...

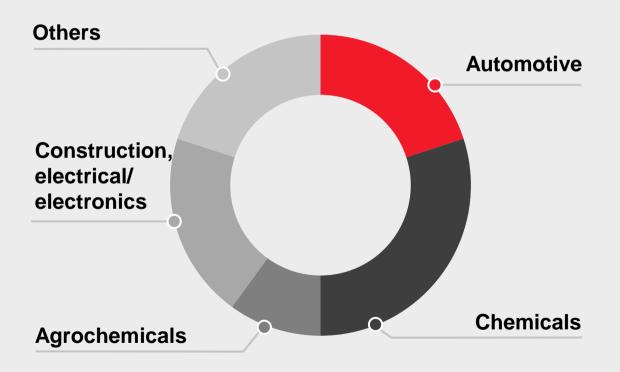




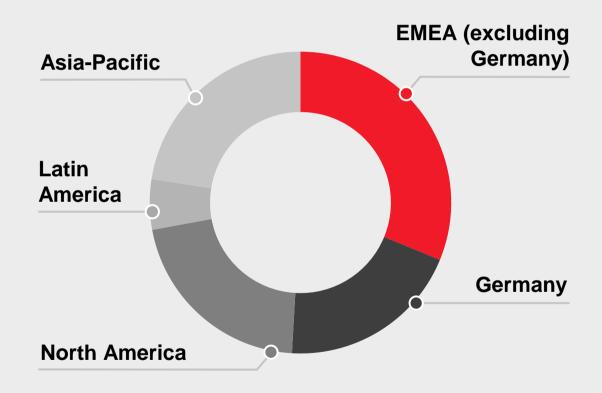
## LANXESS well diversified, well balanced



#### **LANXESS** group – Sales by industry sector\*



#### Sales by region\*



## LANXESS – improved portfolio of strong businesses



Segments





**Specialty Additives** 



**Performance Chemicals** 



Advanced Industrial **Intermediates** Saltigo

**Polymer Additives** Lubricant Additives Business Rhein Chemie

Material Protection Products **Inorganic Pigments** Leather **Liquid Purification Technologies** 

High Performance Materials **Urethane Systems** 

- Agrochemicals
- Automotive
- Construction
- Aroma & Flavors
- Pharmaceuticals
- Tire Chemicals
- Semiconductors & photovoltaics

- Plastics & rubber additives
- Phosphosurs-based and brominated flame retardants
- Lubricants

- Disinfection
- Protection and preservation of wood, construction materials, coatings and foodstuffs
- Color pigments
- Material for leather production & water treatment

- Automotive
- Construction
- Medical technology
- Flectrical/ electronics
- Tires and wheel
- Mining, Oil & gas
- Industrial & mechanical products

Europe no. 1-2

Top 3 position

No. 1-4 in niches

Leading position

# Advanced Intermediates: Solid backbone with focus on organic growth



|                               | All   | SGO   |  |
|-------------------------------|---|---|--|
| Market positions <sup>1</sup> | TOP 3   | # 1   |  |
| Expected growth               | ~3-4%   | Recovery in 2019                                    |  |
| Development focus             | Rather organic  | Organic & External                                  |  |
|                               | • Invest €100 m into<br>debottleneckings  | <ul> <li>Best prepared for agro recovery</li> </ul> |  |
| Growth drivers                | <ul> <li>Ramp up profitability of<br/>Organometallics to peer<br/>level (around 15%)</li> </ul> | <ul> <li>Expand fine chemicals business</li> </ul>  |  |

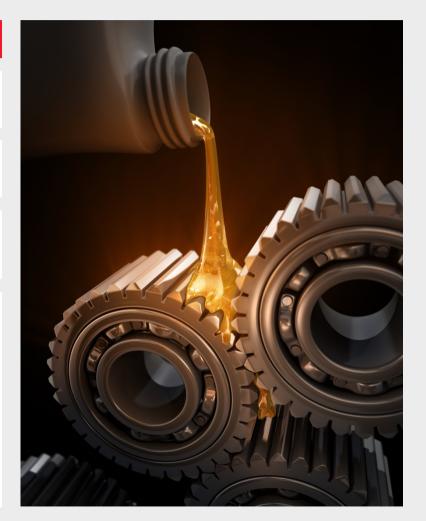


# Specialty Additives: Leading additives platform with broad expansion opportunities



|                               | ADD   | RCH   |
|-------------------------------|---|---|
| Market positions <sup>1</sup> | TOP 3   | # 1   |
| Expected growth               | ~4%   | ~3%   |
| Development focus             | Organic & External  | Organic & External  |
|                               | <ul><li>Generate synergies until<br/>2020</li></ul>                                     | <ul> <li>Use unique global scale<br/>to penetrate market</li> </ul>         |
| Growth drivers                | <ul><li>Leverage position in dynamic markets</li><li>Push product innovations</li></ul> | <ul><li>Leverage innovations</li><li>Streamline product portfolio</li></ul> |

(next generation FR) and synthetic base lubricants



## Performance Chemicals: Expect structural changes!



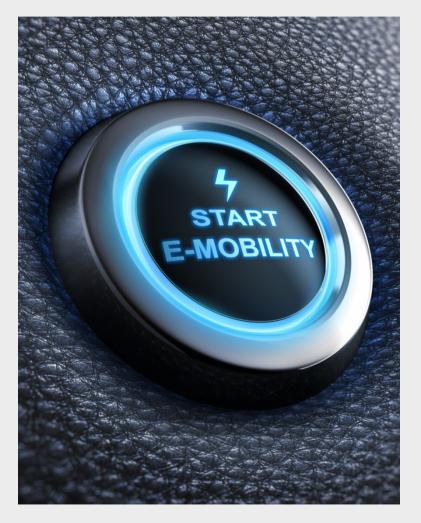
|                               | IPG  | LEA   | MPP   | LPT  |
|-------------------------------|--|---|---|--|
| Market positions <sup>1</sup> | # 1  | TOP 2   | TOP 3   | TOP 3  |
| Expected growth               | ~ 2%   | 1 - 2%  | 3%  | 4 - 10%  |
| Development focus             | Organic  | Restructuring   | Organic & external  | Organic & External   |
| Growth drivers                | <ul> <li>Benefit from industry consolidation</li> <li>Further penetrate and develop North American market</li> </ul> | <ul><li>Trimmed chrome value chain</li><li>Potential partnerships</li></ul> | <ul> <li>Expand and enrich regulatory organization to penetrate global markets</li> <li>Benefit from disinfection trends</li> </ul> | <ul> <li>Option to build-up production footprint (new assets) in North America or China</li> <li>Further develop high-value market applications</li> </ul> |

# **Engineering Materials: Leading players with clear strategy for market independent growth**



|                               | HPM  | URE  |
|-------------------------------|--|--|
| Market positions <sup>1</sup> | # 2 Europe   | # 1  |
| Expected growth               | ~5%  | ~3%  |
| Development focus             | Organic  | Organic & external   |
|                               | <ul><li>Lightweight trend and e-mobility</li></ul>   | <ul><li>Expand market share in<br/>Europe and Asia</li></ul>   |
| Growth drivers                | <ul> <li>Capital light compounding investments</li> <li>Continuous consumer product innovation in E&amp;E</li> </ul> | <ul> <li>Leverage further product innovations (esp. on low-free isocyanate products)</li> <li>Benefit from automation</li> </ul> |

trends



# Capital allocation priorities after ARL exit: Focus on deleveraging and building a superior growth platform



#### Capital allocation after receipt of cash

#### **Attractive growth**

- M&A following our communicated financial matrix
- Investments into new and already announced brownfield & debottlenecking projects (until ~2021)

#### **Deleveraging**

- Funding of German pension liabilities
- New funding ratio improved to ~57%\*

#### **Share buy-back**

 Share buy-back executed between January and June 2019

€400 - €X m



€200 m

**Use of proceeds in line with investment grade commitment** 

# LANXESS and Canadian Standard Lithium start cooperation



#### Parties agreed first stages for potential JV

#### Content

- Feasibility study for extraction of battery grade lithium from tail brine generated in LXS' US bromine production site
- Terms of JV subject to completion of due diligence and result of feasibility study

#### **Status**

- Parties signed term sheet
- Start-up level evaluation of proof of concept just triggered





Technical feasibility and economic viability to be confirmed

## Chemtura synergies realized ahead of plan



#### Implementation of synergies faster than predicted



#### **Key Messages**

- Synergies confirmed
  - €100 m of "hard" costs
  - Earlier realization
  - Topline synergies not included
- OTCs and cash-outs confirmed
- Capex confirmed, mainly related to Manufacturing Excellence

<sup>\*</sup> Does not include ~€65 m PPA charges from inventory step-up in opening balance sheet. Transaction related charges were recognized in opening balance sheet

# LANXESS delivers on organic growth – upcoming capacity expansions



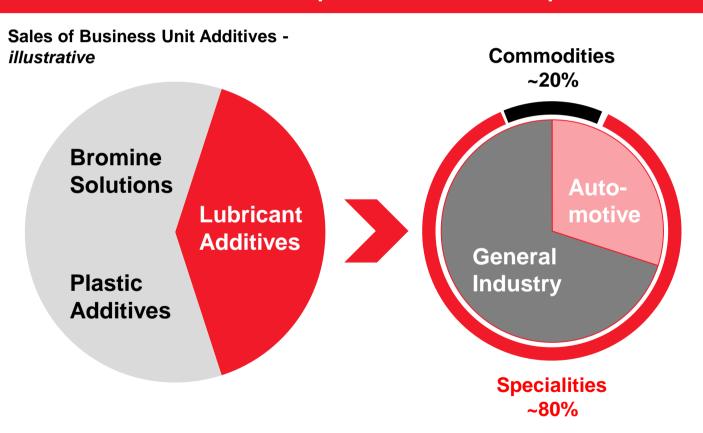
| Organic | investment program well on track  | Capex               |
|---------|---|---------------------|
| BU AII: | Capacity increase for DCB* initiated, Leverkusen (Germany finalized beginning 2019                                  | /), not discl.      |
|         | Expansion of hexandiol production, Krefeld-Uerdingen  | not discl.          |
| BU RCH: | Capacity expansion for Macrolex brand dyes, in Q2 2019  | ~€5 m               |
| BU LPT: | Ion exchange resigns production,<br>Leverkusen (Germany), through H1 2019   | single-digit €m     |
| BU IPG: | Planned capacity increase for iron oxides pigments,<br>Germany and Brazil, available in 2019                        | not discl.          |
| BU HPM: | New compounding facility in Changzhou (China), available Q2 2019, further expansion of engineering plastics capacit |                     |
|         | New compounding facility, Krefeld-Uerdingen r<br>(Germany), available in the second half of 2019                    | nid double-digit €m |
| BU URE: | Additional prepolymers capacity, Porto Feliz (Brazil), available mid 2019   | <€10 m              |



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



#### Well diversified and specialized lubricants portfolio



#### A leading specialties player

Highly diversified end-market split with focus on industrial lubricants

Strong expertise in high valueadd 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)

# Shareholders benefit from rising dividend and share buy-back





## [€] Dividend per share +12,5% 0.90\* 0.80 0.70 0.60 0.50 2014 2015 2016 2017 2018

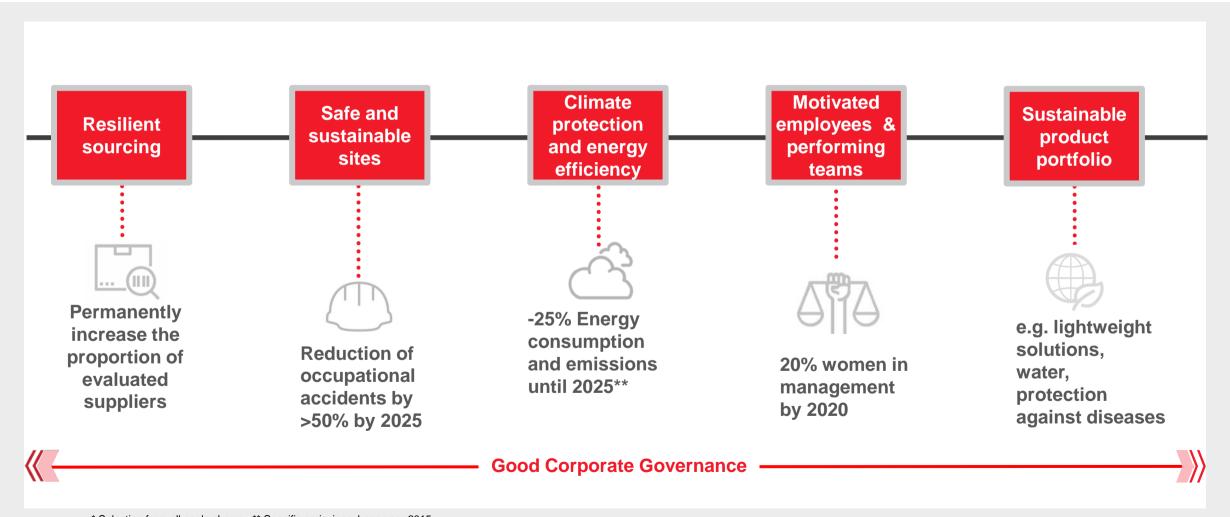
#### **Dividend policy**

LANXESS aims for a rising or at least stable dividend



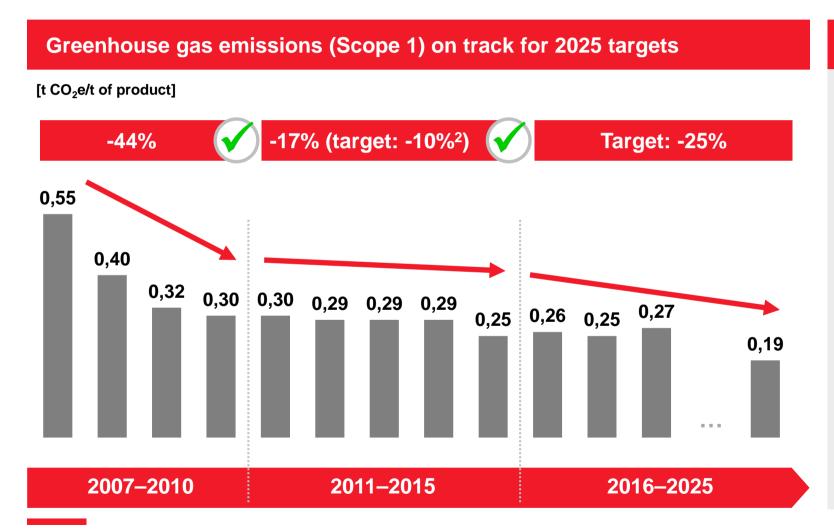
## Sustainability as core element of our strategy Material topics and goals\*





## Climate protection: Target of specific CO<sub>2</sub> emissions (scope 1+2)<sup>1</sup> of -25% by 2025





#### 2018 development

- ARLANXEO divestment and linked changes to portfolio led to higher specific Scope 1 emissions (generation and use in ongoing operations comparatively more energy from primary energy sources)
- Chemtura akquisition (2018 FY full contribution) with impact on scope 1 emissions whereas positive on scope 2+3
- Mitigating effect from reduced use of coal (China) and higher use of biomass (India & Brazil)

<sup>&</sup>lt;sup>1</sup> Reduction of specific CO<sub>2</sub> emission (scope 1) by 25% until 2025; reduction of specific energy consumptions (scope 2) by 25% until 2025; Reduction of volatile organic compounds (NMVOC3, scope 3) emissions by 25% until 2025; <sup>2</sup> Reduction of specific greenhouse gas emissions (scope 1) by 10% per reporting segment achieved

# Awards in ratings and indices reflect high sustainability standards



#### **Commitment and entitlement**









#### Awards in ratings and indices

Dow Jones
Sustainability Indices
In Collaboration with RobecoSAM

Member DJSI World and Europe



EcoVadis "Gold Recognition Level"



Klimascore A-



Index Member

## LANXESS product portfolio is highly aligned with society drivers



#### Health

Arsenic removal and protection against Malaria



#### Water

Membranes and ion exchange resins



#### Infrastructure

Flame and building protection



#### **New Mobility**

Electric mobility and lightweight construction

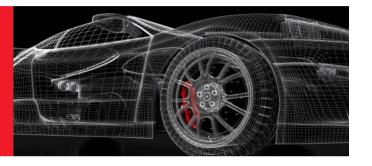


Majority of LANXESS' sales volume contributes to the SDGs

## LANXESS products enable sustainable solutions in key areas of application



Lightweight solutions



High-performance plastics from LANXESS, such as **Durethan®**, **Pocan®** and **Tepex®**, can replace many of the metal parts in cars to help reduce weight and fuel consumption, without compromising on vehicle safety.

Protection against diseases



**Saltidin**® is an active ingredient that is exclusively manufactured by LANXESS subsidiary Saltigo. It is used in insect repellents and lowers the risk of contracting malaria, dengue fever, Zika virus, borreliosis or encephalitis.

Quality you can drink



With its **Lewabrane®** membrane elements and **Lewatit®** ion exchange resins, the Liquid Purification Technologies business unit offers a high-performance solution for ensuring a reliable supply of drinking and purified water.

# Adding value to business and society – various concepts to asses and measure our impacts



#### **Societal Added Value**

Sustainability profile and societal impacts of our products

The quantified impact of our gate-to-gate business operations on society

Our contribution to the Agenda 2030 goals to overcome society challenges



**Product Portfolio Assessment** 



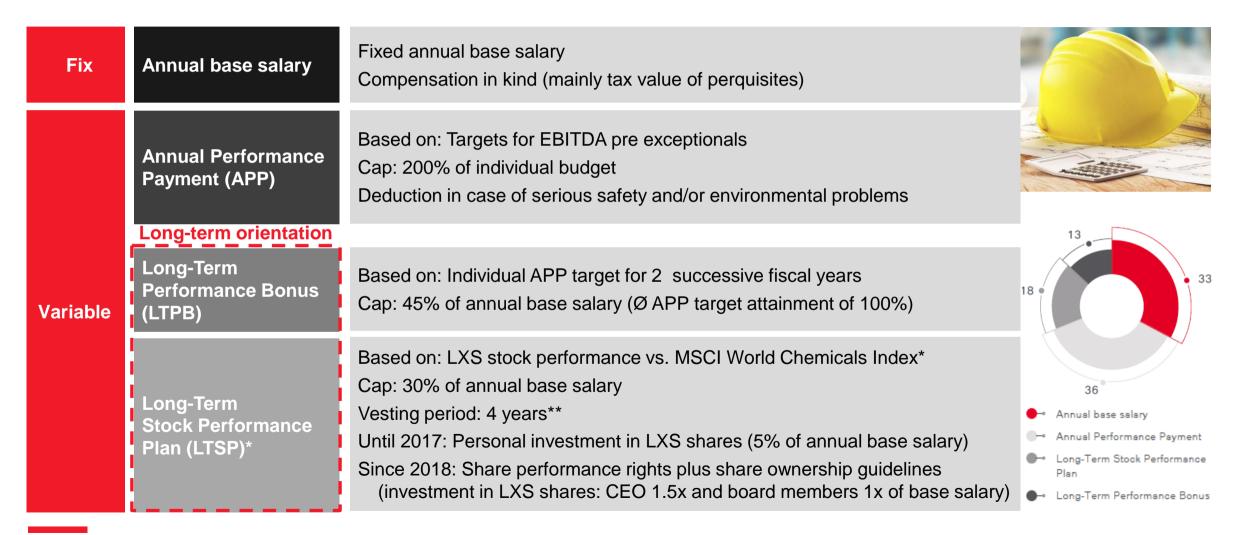
**Impact Valuation Concept** 



Sustainable Development Goals Analysis

## **Management compensation**





<sup>\*</sup>LTSP 2014–2017; Dow Jones STOXX 600 Chemicals<sup>SM</sup> serves as a reference index for the LTSP 2010–2013

<sup>\*\*</sup> Five year vesting period applies to LTSP 2010–2013

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### **Abbreviations**





#### **Advanced Intermediates**

All Advanced Industrial Intermediates

**SGO** Saltigo



#### **Performance Chemicals**

IPG Inorganic PigmentsLEA Leather

**MPP** Material Protection Products

**LPT** Liquid Purification Technologies



#### **Specialty Additives**

**LAB** Lubricant Additives Business

**PLA** Polymer Additives

**RCH** Rhein Chemie



#### **Engineering Materials**

**HPM** High Performance Materials

**URE** Urethane Systems

# LANXESS Energizing Chemistry