



### **LANXESS – Goldman Sachs 10th European Chemicals Conference**

Pandemic year 2020: Successfully managed!

Matthias Zachert, CEO, March 12, 2021

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### Agenda

1 Executive summary FY 2020 and Q4 2020

2 Financial and business details Q4 2020

3 Back-up



### LANXESS continues to drive its transformation – Proven resilience & more to come!





#### **Strong set-up**

- Four strong segments
- Growing and rising star Consumer Protection
- Leading positions in many niche markets
- Technology & cost leader
- Broad & balanced industry exposure
- Proven track record in reaching our targets



#### How we bring capital to work

- Ongoing portfolio transformation incl. synergies
- Further capital deployment as growth driver
  - Lithium Project as "free option"
  - Attractive debottlenecking projects
  - Battery chemistry as future growth engine
- Digitalization as value catalyst (i.e. Chemondis)
- Strong rebound potential esp. in Engineering Materials and Specialty Additives

Proven resilience demonstrated in pandemic while pressing ahead with transformation

### 2020 highlights: Resilience proven, transformation pushed ahead



#### **Strategic highlights**

#### Portfolio further improved:

- Consumer Protection Division established
- Organic leather chemicals sold to TFL\*
- Realignment of water purification; exit of membranes
- Disposal of CURRENTA gross proceeds of €890 m
- Two bolt-on acquisitions in disinfection\*\*
- Acquisition of Emerald Kalama Chemical signed\*\*

#### ESG acknowledgements:

- Improved MSCI rating to A category
- Recognized by CDP as global climate change leader
- #1 and # 2 in Dow Jones Sustainability Indices

#### **Financial highlights**

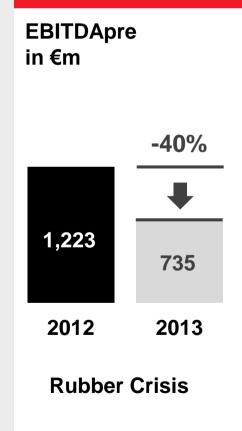
- Transformation is paying off:
  - FY EBITDA pre at €862 m decreased only 15% in the midst of global pandemic
  - Margin at 14.1% only 0.9%points lower throughout Corona pandemic
  - Strong FY operating cash flow despite CURRENTA related tax payment
- FY 2020 closed with powerful balance sheet,
   net financial debt reduced to ~€1 bn

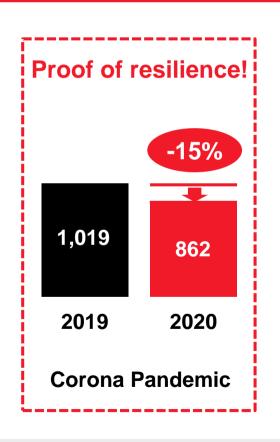
<sup>\*</sup> Closing expected by the middle of 2021

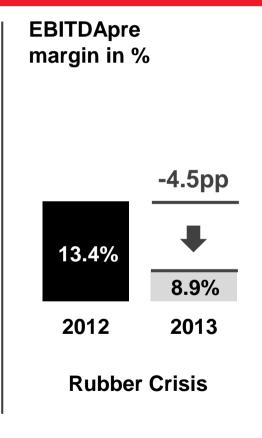
### Margin resilience proven amid severe global recession

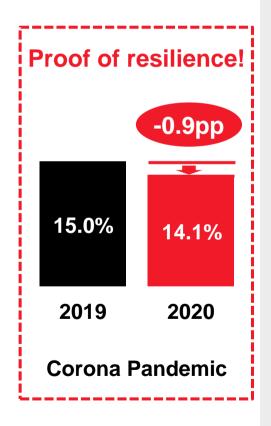


#### LANXESS faces global pandemic with visible boost in resilience



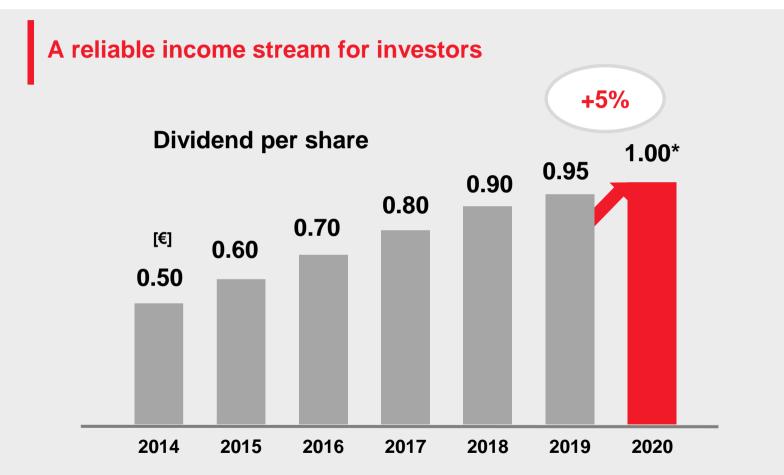






### Increased dividend despite pandemic





#### **Dividend policy**

### LANXESS aims for an increasing or at least stable dividend



<sup>\*</sup> To be proposed to the Annual General Meeting on May 19, 2021

# Acquisition of Emerald Kalama Chemical: A tailor-made strategic fit!

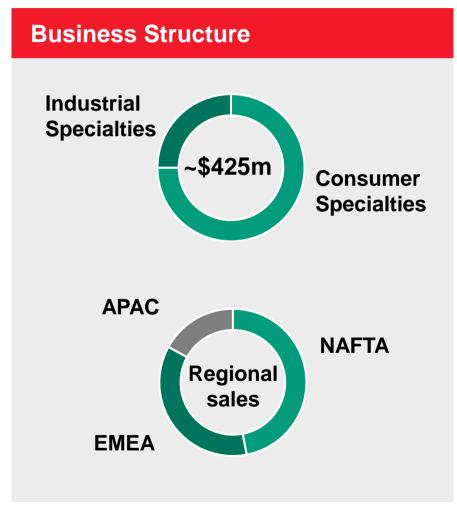


#### **Key Facts**



- Key Financials 2020 (USD):
  - Sales: ~\$425 m
  - EBITDA pre: ~\$90 m
  - Cash Conversion\*: ~80%
- Enterprise Value: \$1,075 m
   9.0x EBITDA incl. ~\$30 m
   synergies
- EPS accretion: year one expected
- Financed from existing liquidity
- Expected closing: H2 2021

Peers: Valtris, Eastman, Celanese



#### **Key Rationale**

- Specialty business with strong fit to current portfolio
- Vertically integrated into high value derivatives\*\*
- Strategic expansion into growth markets Food and Animal Nutrition
- Attractive secular growth markets above GDP
- Highly synergistic, both cost and top line synergies
- Straight forward integration into LANXESS

<sup>\*</sup> cash conversion = EBITDApre - CAPEX / EBITDApre (mid-term)

<sup>\*\*</sup> based on Benzoic acid & Benzaldehyde

# **Emerald Kalama Chemical offers a 100% complementary fit to LANXESS**



### LANXESS Consumer Protection



#### **Consumer Specialties (~75%)**

#### **Animal Health**

- Preservatives for feed silage
- Animal feed additives substituting anti-biotics

Growth > GDP



#### Flavours & Fragrances

 ~30 aroma ingredients for food, home & personal care products



Growth > GDP

#### Food & Beverage

 High quality preservatives for food and beverages

Growth ~ GDP



#### **Home & Personal Care**

 Nature identical high purity preservatives for cleaning applications & cosmetics

Growth ~ GDP



#### **Industrial Specialties (~25%)**

#### **CASE\* & Polymers**

- Phthalate-free plasticizers for:
  - Construction materials: e.g. flooring, sealants
  - Adhesives: substitution for mechanical fastening
  - Coatings and paper-based packaging



Growth > GDP

# Acquisition of Emerald Kalama Chemical strengthens LANXESS as a leading Consumer Protection player



#### Balanced specialties portfolio with long-term secular growth drivers

#### **Consumer Protection: Focus areas**



**Animal Health** 



F&B / F&F\*



Water Purification



**Agro** 

- Backward integrated leader in microbial solutions
- Strengthening competitiveness
- Leading position in future growth business
- Strong position in custom manufacturing

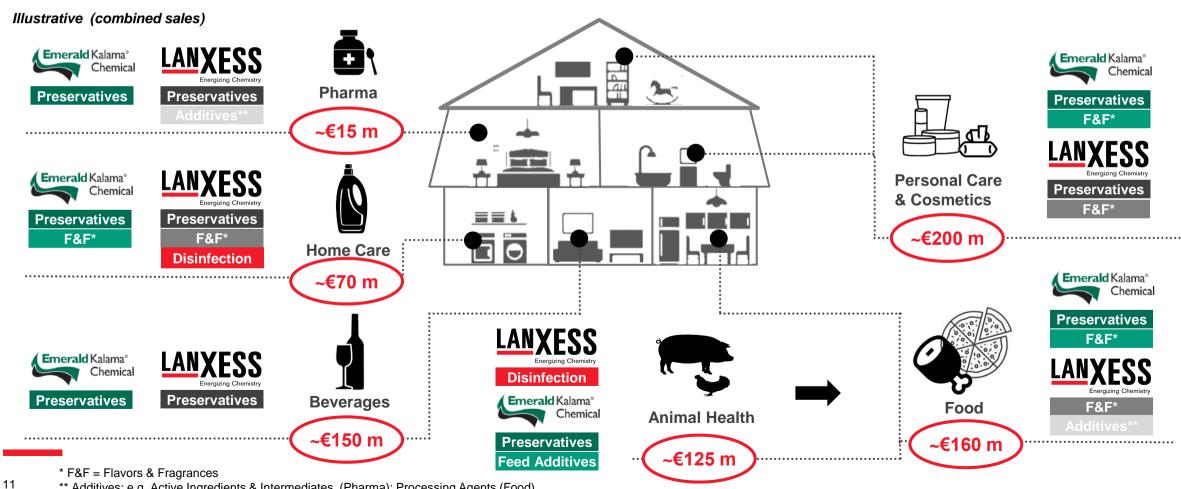
#### **Future growth enablers**

- Animal Health: Antibiotic substitution and rising pests globally
- Regulatory trend: Global boost in regulation for active ingredients
- Need for preservation: Increasing demand for plastic-free packaged & processed food
- Natural trend: Rising demand and awareness for natural & hygienic solutions
- Water scarcity: High-tech products for topnotch technology players
- Agro recovery: additional upside to contract based growth

### The combined product portfolio brings consumer protection to everyone's daily life



#### Emerald Kalama's products complement LANXESS' Consumer Protection portfolio perfectly



<sup>\*\*</sup> Additives: e.g. Active Ingredients & Intermediates (Pharma); Processing Agents (Food)

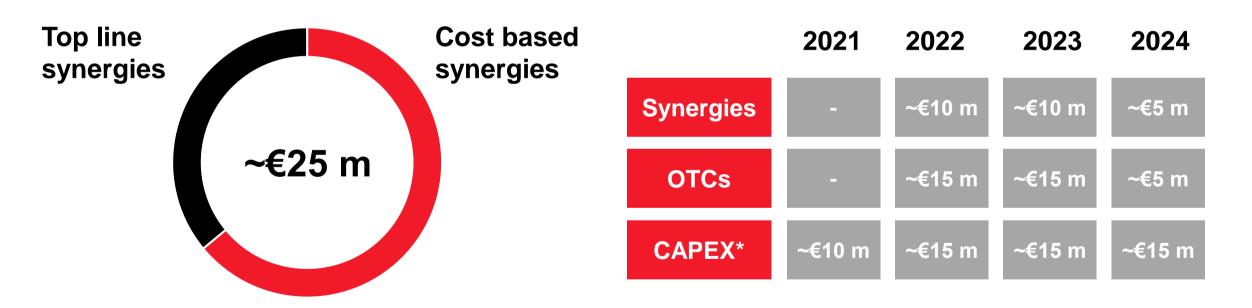
### Acquisition of Emerald Kalama Chemical provides attractive synergy potential for LANXESS



**Overview: Synergies structure** 

**Phasing: Synergies, OTCs and CAPEX** 

Illustrative



### **Emerald Kalama Chemical ideally complements LANXESS growth in Consumer Protection**



100% strategic fit

Strengthened competitiveness in Consumer Protection end markets

Secular growth

Long-term trend driven growth above GDP

High synergies/
Low complexity

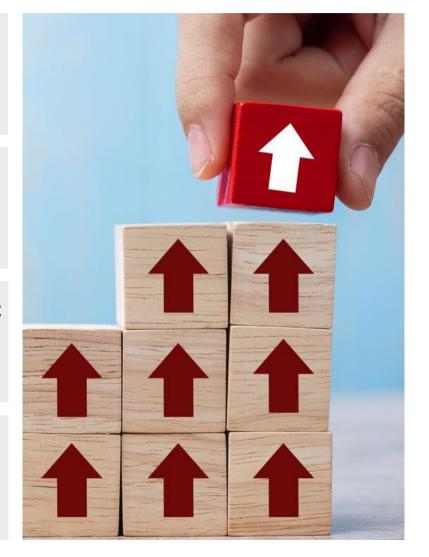
Extended and complementary portfolio offers significant high synergies

Low integration risk – low complexity (only three sites)

**Attractive** financials

Solid 9.0x EBITDA multiple (post synergies)

Cash Conversion ~80%\* and EPS accretion in year one



### **Strongest Q4 since 2012**



#### **Q4 Highlights**

- EBITDA pre at €200 m above previous year and best since 2012 despite unplanned outage and FX headwinds
- Positive business momentum strengthened in Q4
- Strong operating Cash Flow despite CURRENTA related tax payments
- FY 2020 closed with powerful balance sheet, net financial debt reduced to ~€1 bn



### LANXESS' commitment to sustainability now also reflected in Board remuneration



CDP – Climate: A ranked



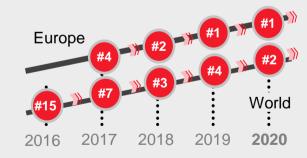


Admittance in Bloomberg Gender Equality Index



### Top in Dow Jones Sustainability Index

Dow Jones
Sustainability Indices
In Collaboration with RobecoSAM



#### Say-on-pay in this year's AGM on May 19

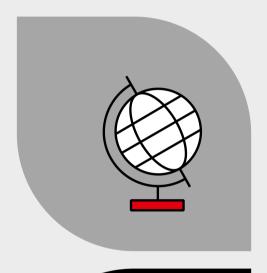
- New system¹ for Board remuneration reflecting LANXESS' commitment to sustainability by considering ESG components in:
  - Short term incentive plan (STI):
     safety performance related
  - Long term incentive plan (LTI): focused on absolute CO<sub>2</sub> reduction<sup>2</sup>

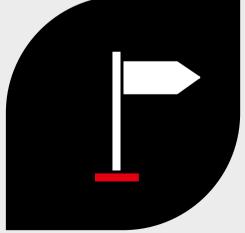
<sup>&</sup>lt;sup>1</sup>New system approved by supervisory board, in effect since January 1, 2021, but still subject to AGM approval

<sup>&</sup>lt;sup>2</sup>The CO<sub>2</sub> target was set as the first target for the LTI

### Optimistic for FY 2021: Recovery expected







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

- Sequential recovery in most end markets:
  - Strong rebound in Automotive, Agro, Construction, Chemicals to improve slightly
  - Aviation still weak, Oil & Gas gradually improving
  - Soaring raw mat. prices trigger typical time lag for pass-through
- Uncertainty persists

#### **LANXESS outlook FY 2021**

- FY EBITDA pre expected €900 €1,000 m
- Q1 with nice sequential momentum: €200-250 m EBITDA pre expected, however burden of
  - YoY full pandemic impact
  - Weather-related US plant shutdowns (~€10 m)
  - Weak US Dollar

### Optimistic for FY 2021: Strongest rebound in Engineering Materials





#### **Advanced Intermediates – On or slightly above prior year level**

- Recovery in BU All's broadly diversified end markets, energy prices are a burden
- Good development in construction (BU IPG)





#### **Specialty Additives – Significantly above prior year**

- Improvement in Lubricant Additives
- Auto recovery, also helped by reorganization of rubber additives





#### **Consumer Protection – Slightly above prior year level**

- Strong demand to continue
- Already high utilization for disinfection and water purification limits volume growth





#### **Engineering Materials – Significantly above prior year**

- Strong auto recovery
- No burden from maintenance turnaround and unplanned shutdown (H2 2020)



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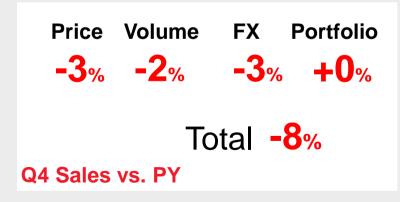


# LANXESS Group: Increased earnings despite high comparable base



# Resilience proven, margin improved!

[€ m]*	Q4/2019	Q4/2020	Δ	FY 2019	FY 2020	Δ
Sales	1.636	1.503	-8%	6.802	6.104	-10%
EBITDA pre	197	200	2%	1.019	862	-15%
Margin	12,0%	13,3%		15,0%	14,1%	
CAPEX	213	192	-10%	508	456	-10%



- Sales decline driven by pass-through of lower raw material prices, volume impact (unplanned shutdown) and adverse FX effect
- EBITDA pre accelerates compared to strong previous year base driven by higher utilization and cost containment measures

<sup>\*</sup> All figures excluding BU LEA, which is reported as discontinued operation

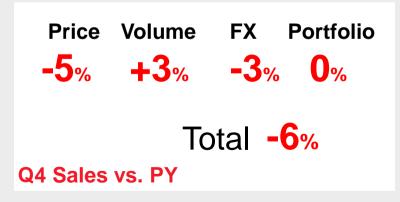


### Advanced Intermediates: Recovery materializes



# Rising volumes, strong profitability

[€ m] <sup>*</sup>	Q4/2019	Q4/2020	Δ	FY 2019	FY 2020	Δ
Sales	533	502	-6%	2.251	1.999	-11%
EBITDA pre	73	83	14%	383	336	-12%
Margin	13,7%	16,5%		17,0%	16,8%	
CAPEX	62	53	-15%	161	145	-10%



- Improved sales volume offset by raw material price effect and FX
- Momentum in end industries further improves, especially in construction
- EBITDA pre and margin above previous year due to higher volumes and better utilization

<sup>\*</sup> New reporting structure as of Q1 2020 excluding BU SGO and including BU Inorganic Pigments



# **Specialty Additives: Pronounced margin resilience**



# Volumes compare to strong previous year

[€ m]	Q4/2019	Q4/2020	Δ	FY 2019	FY 2020	Δ
Sales	471	416	-12%	1.965	1.728	-12%
EBITDA pre	84	71	-15%	353	284	-20%
Margin	17,8%	17,1%		18,0%	16,4%	
CAPEX	47	38	-19%	120	94	-22%



- Sales decline due to lower volumes and burdening FX
- Ongoing weakness in aviation and oil & gas impacted volumes, auto recovery starting to come through
- Price reductions following lower raw material prices
- EBITDA pre decline reflects weak demand and negative FX effect, only slight margin decrease thanks to cost containment measures



# **Consumer Protection: Earnings continue to grow**



# Profitability improved again

[€ m]*	Q4/2019	Q4/2020	Δ	FY 2019	FY 2020	Δ
Sales	262	252	-4%	1.050	1.110	6%
EBITDA pre	35	39	11%	198	233	18%
Margin	13,4%	15,5%		18,9%	21,0%	
CAPEX	26	32	23%	61	69	13%



- Moderate sales decline due to lower volumes and FX impact, strong contribution from acquisition in Brazil
- Volumes decrease due to IFRS 15 effects, FX burdens additionally
- Slight price increase across segment
- Strong EBITDA pre increase driven by improved prices and contribution from acquisition in Brazil

<sup>\*</sup> New reporting structure as of Q1 2020, data excluding BU LEA, which is reported as discontinued operation

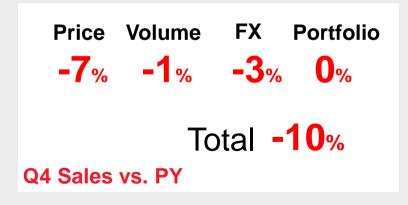


# **Engineering Materials: Auto recovery mitigates effects from unplanned shutdown**



# Solid margin despite outage

[€ m]	Q4/2019	Q4/2020	Δ	FY 2019	FY 2020	Δ
Sales	350	314	-10%	1.450	1.190	-18%
EBITDA pre	49	41	-16%	238	151	-37%
Margin	14,0%	13,1%		16,4%	12,7%	
CAPEX	51	47	-8%	104	86	-17%



- Sales decrease mainly due to pass-through of lower raw material prices and negative FX impact
- Strong recovery in auto demand, however volume decline resulting from unplanned shutdown in BU HPM. Sequential improvement accelerates
- EBITDA pre and margin stabilize visibly even despite force majeure in BU HPM

### P&L: Best Q4 in new company set-up



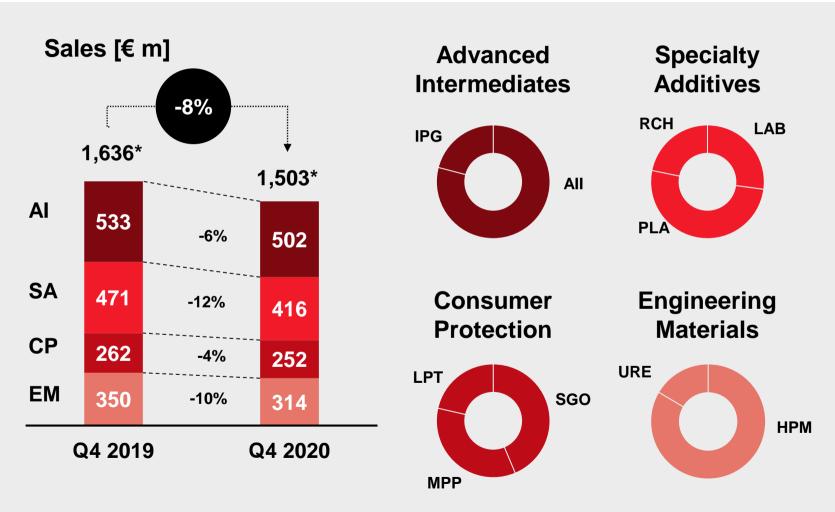
[€ m]*	Q4/2019		Q4/2020		yoy in %
Sales	1.636	(100%)	1.503	(100%)	-8%
Cost of sales	-1.253	(-77%)	-1.126	(-75%)	-10%
Selling	-203	(-12%)	-193	(-13%)	-5%
G&A	-81	(-5%)	-72	(-5%)	-11%
R&D	-30	(-2%)	-28	(-2%)	-7%
EBIT	0	(0%)	35	(2%)	>100%
EPS	-0,25		0,20		>100%
EPS pre	0,64		0,82		28%
EBITDA	160	(10%)	170	(11%)	6%
thereof except.	-37	(-2%)	-30	(-2%)	-19%
EBITDA pre except.	197	(12%)	200	(13,3%)	2%

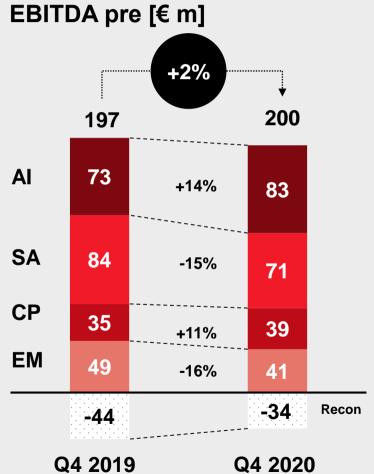
- Improvement in SG&A and R&D reflect cost containment measures
- Higher earnings, margins and EPS due to recovering demand despite unplanned shutdown

<sup>\*</sup> From continuing operations

# Q4 2020: Consumer Protection and recovery in Advanced Intermediates drive strong result



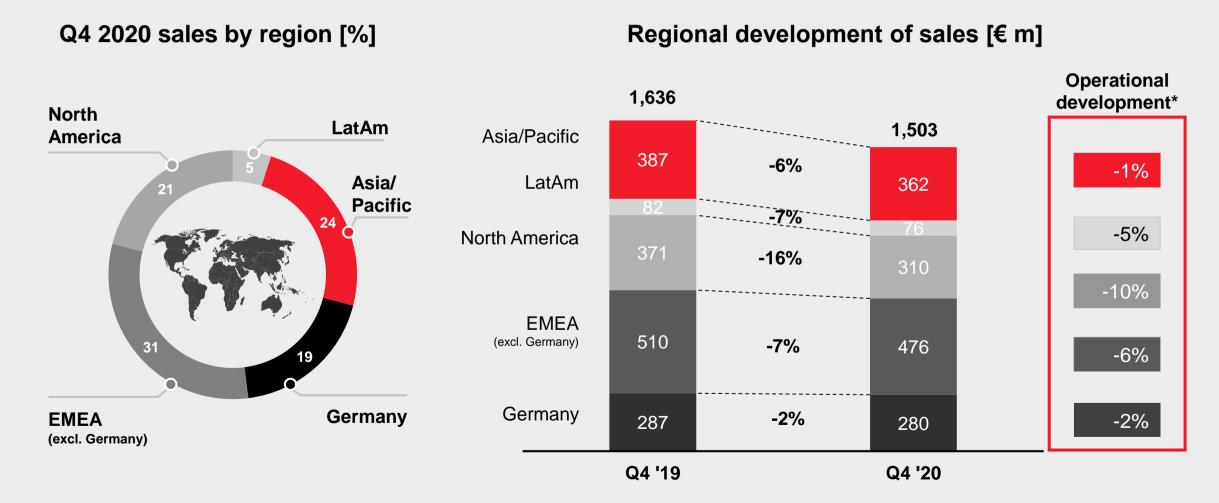




<sup>\*</sup> Total group sales including reconciliation

# Q4 2020: Impact from pandemic still visible in all regions, sales decline reflects lower raw material prices





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

# Operating cash flow improved, but masked by extraordinary tax payment related to Currenta disposal



[€ m]	Q4/2019	Q4/2020	Δ
Operating cash flow*	267	262	-5
thereof income taxes paid	-39	-80	-41
thereof changes in working capital	212	204	-8
Investing cash flow*	-270	-289	-19
thereof capex	-213	-192	21
thereof net invest in money markets	-82	-100	-18

- Strong operating cash flow despite mid to high double digit million tax payment relating to CURRENTA divestment
- Ongoing tight working capital management
- Capex reduced in response to pandemic

<sup>\*</sup> Applies to continuing operations

### **Ongoing strong balance sheet**



[€ m]	31.12.2019	30.09.2020	31.12.2020
Total assets	8.695	8.850	8.880
Equity	2.647	3.167	2.999
Equity ratio	30%	36%	34%
Net financial debt <sup>1</sup>	1.742	1.150	1.012
Cash, cash equiv., short- term money market inv.	1.076	1.657	1.794
Pension provisions	1.178	1.083	1.205
Net working capital	1.308	1.358	1.134
DSI (in days) <sup>2</sup>	66	70	64
DSO (in days) <sup>3</sup>	42	47	45

- Strong liquidity further improved supported by CURRENTA disposal; secures financial and operating flexibility
- Increase in pension provisions due to lower interest rates
- Usual year-end decrease in working capital

<sup>&</sup>lt;sup>1</sup> Including cash, cash equivalents, short-term money market investments

<sup>&</sup>lt;sup>2</sup> Days sales of inventory calculated from quarterly sales

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

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### Housekeeping items 2021



**Capex 2021** 

Operational D&A 2021

**Reconciliation 2021** 

Underlying tax rate

Exceptionals 2021

FX sensitivity

Remnant costs

~€450-500 m

~€450 m

~€150-160 m including remnant costs and re-occurring expenses

~28%

€70-100 m based on current initiatives

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

2021: Additional remnant costs of ~€5 m (50% of organic leather business due to expected closing mid 2021)

2022: Additional remnant costs of ~€5 m (impact of organic leather business fully effective)

# LANXESS CAPEX spendings foster an efficient asset base and attractive growth



Priority to profitable growth (ROCE ~ 20%) instead of Cash Conversion\* target (>60%) fulfillment

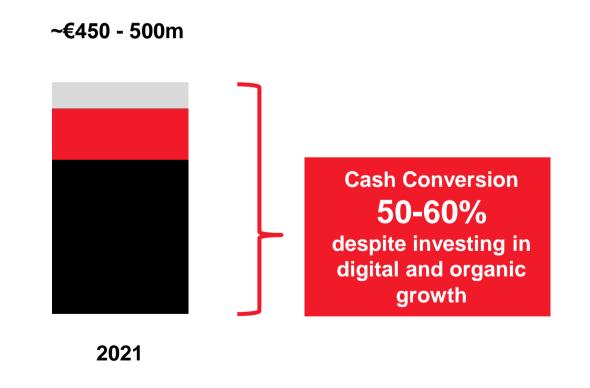
CAPEX outlook & spendings 2021

#### Outlook 2021

Digital. & CO₂ projects: up to €50 m

Organic growth: ~€100 – 150 m

Maintenance: ~€300 m



### Key Figures\*: Holding up well in crisis mode



Q1 Q2 Q3 Q4





**€262m**Operating Cash
Flow



€1,794 m
Cash & cash equivalents, short term money market investments



+2%

**€200 m** EBITDA pre



**13.3%**EBITDA pre Margin



€1,012 m

Net financial debt\*\*



**0.82** EPS pre

+28%



**€192 m** CAPEX

<sup>\*</sup> Continuing operations (excluding BU LEA, which is reported as discontinued operation)

<sup>\*\*</sup> deducting short-term money market investments

### FY 2020: EBITDA pre only declines 15% in Corona crisis LAN)



[€ m]*	FY 2019		FY 2020		yoy in %
Sales	6.802	(100%)	6.104	(100%)	-10%
Cost of sales	-5.043	(-74%)	-4.548	(-75%)	-10%
Selling	-812	(-12%)	-773	(-13%)	-5%
G&A	-274	(-4%)	-267	(-4%)	-3%
R&D	-114	(-2%)	-108	(-2%)	-5%
EBIT	407	(6%)	253	(4%)	-38%
EPS	2,72		10,49		> 100
EPS pre	4,73		3,50		-26%
EBITDA	910	(13%)	757	(12%)	-17%
thereof except.	-109	(-2%)	-105	(-2%)	-4%
EBITDA pre except.	1.019	(15%)	862	(14,1%)	-15%

- Corona-based drop in demand is key driver for decline in results
- Lower selling expenses and R&D result from cost containment measures; reduced G&A costs offset by remnant cost from several divestments
- Positive effects from CURRENTA divestment reflected in financial result and EPS
- EBITDA pre decline of only 15% proves LANXESS resilience

<sup>\*</sup> From continuing operations

### Cash flow FY 2020: Solid operating cash flow despite Corona crisis



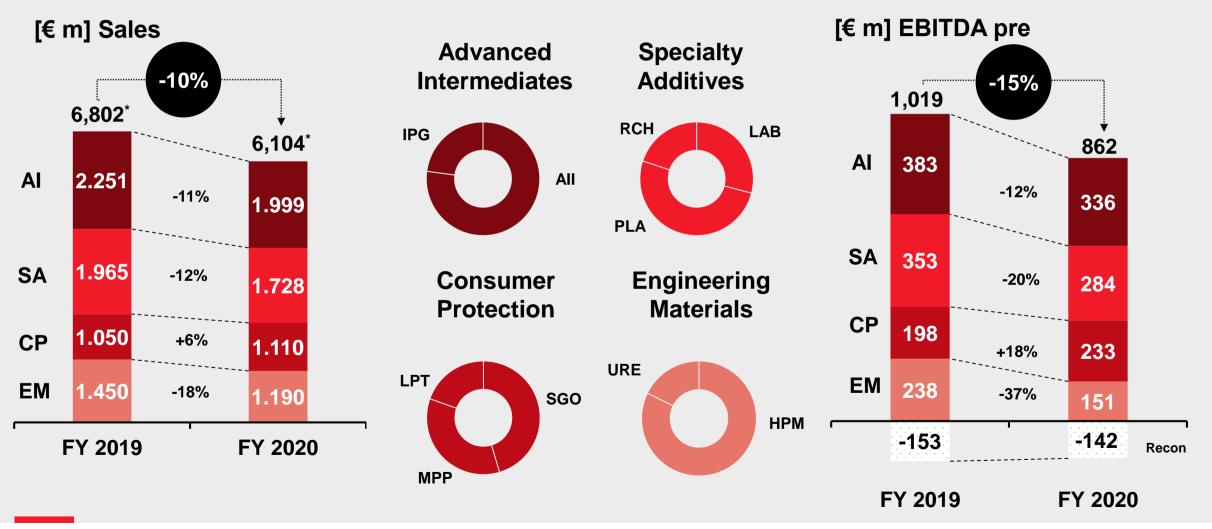
[€ m]	FY 2019	FY 2020	Δ
Operating cash flow*	634	594	-40
thereof income taxes paid	-193	-215	-22
Changes in working capital	68	106	38
Investing cash flow*	-697	-350	347
thereof capex	-508	-456	52
thereof proceeds from divestments & dividends	41	971	930
thereof net invest in money markets	-241	-749	-508
thereof pension funding	0	-100	-100

- Strong operating cash flow improvement after adjustment of CURRENTA related tax payments
- Ongoing tight working capital management
- Lower capex reflect measures triggered by Corona pandemic
- Investing cash flow includes proceeds from divestments of CURRENTA and chrome chemicals business which are mainly invested in money market funds
- Investing cash flow includes
   €100 m voluntary pension funding

<sup>\*</sup> Applies to continuing operations

# FY 2020: More resilient business set-up – only 15% EBITDA pre decline despite pandemic

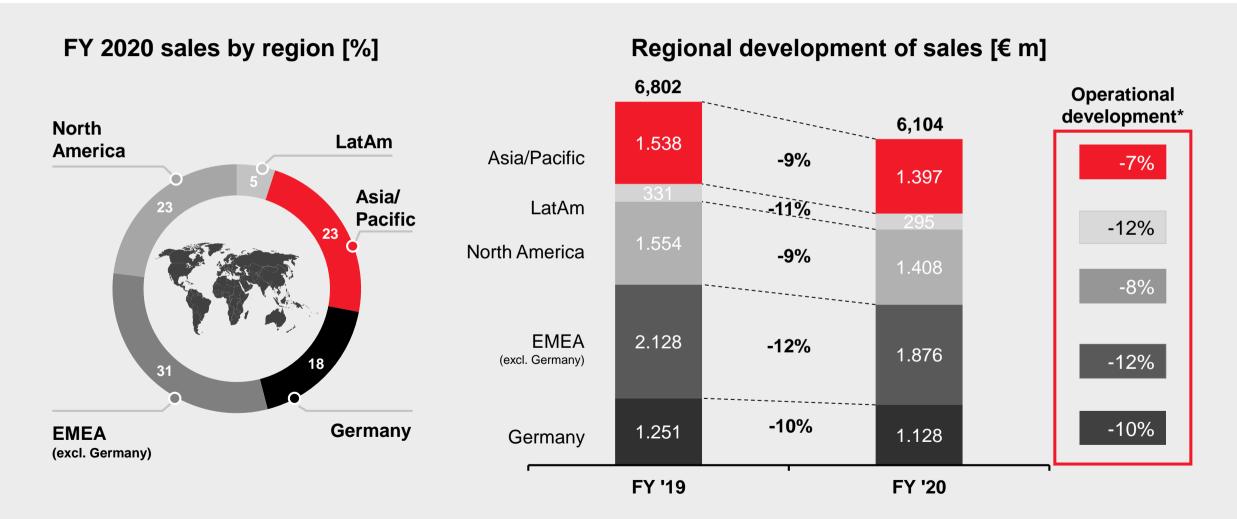




<sup>\*</sup> Total group sales including reconciliation

# FY 2020: Impact from pandemic still visible in all regions, sales decline reflect lower raw material prices





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

# Exceptional items (on EBIT) below previous year level, resulting from further restructuring and project costs



[€ m]	Q4/	2019	Q4/	2020	FY	2019	FY	2020	
	Excep.	Thereof D&A	Ехсер.	Thereof D&A	Ехсер.	Thereof D&A	Ехсер.	Thereof D&A	Comments
Strategic Realignment & Restructuring	57	37	18	17	76	39	68	35	incl. adjustment of production network, impairment Membranes €17m
M&A, Digitalization (incl. Chemondis) and Others	11	1	19	1	49	1	47	2	incl. CUR, LEA, OMS and membrane divestments, acquistions in disinfection
Strategic IT projects	7	0	12	1	25	1	28	1	incl. SAP Hana Project
Total	75	38	49	19	150	41	143	38	

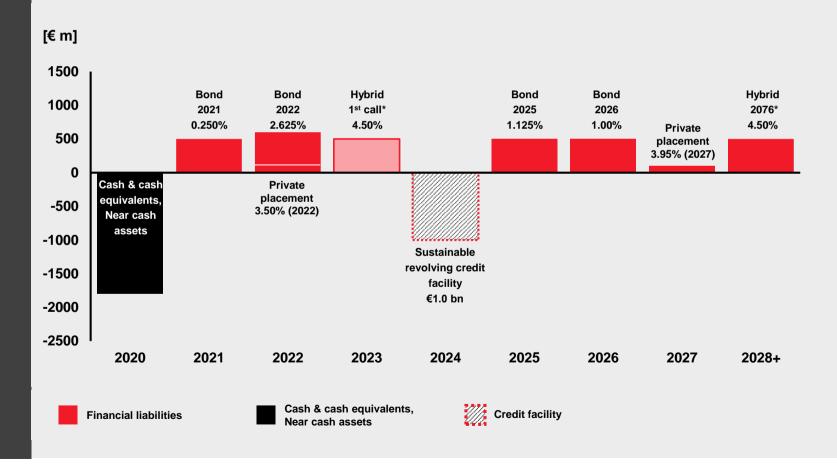
### Maturity profile actively managed and well balanced



#### **Long-term financing secured**

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

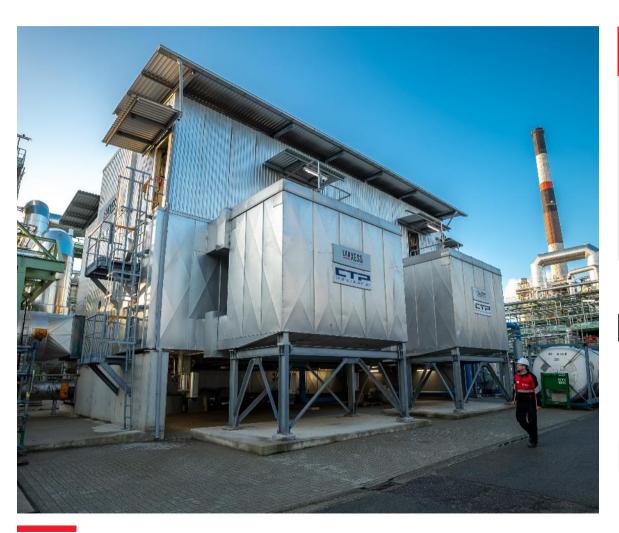
#### Liquidity and maturity profile as per December 2020



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

# On track to climate neutrality in 2040: Nitrous oxide reduction in Antwerp





#### Milestone in our climate strategy

- Nitrous oxide is generated during caprolactam production
- Investment of approx. EUR 10 million

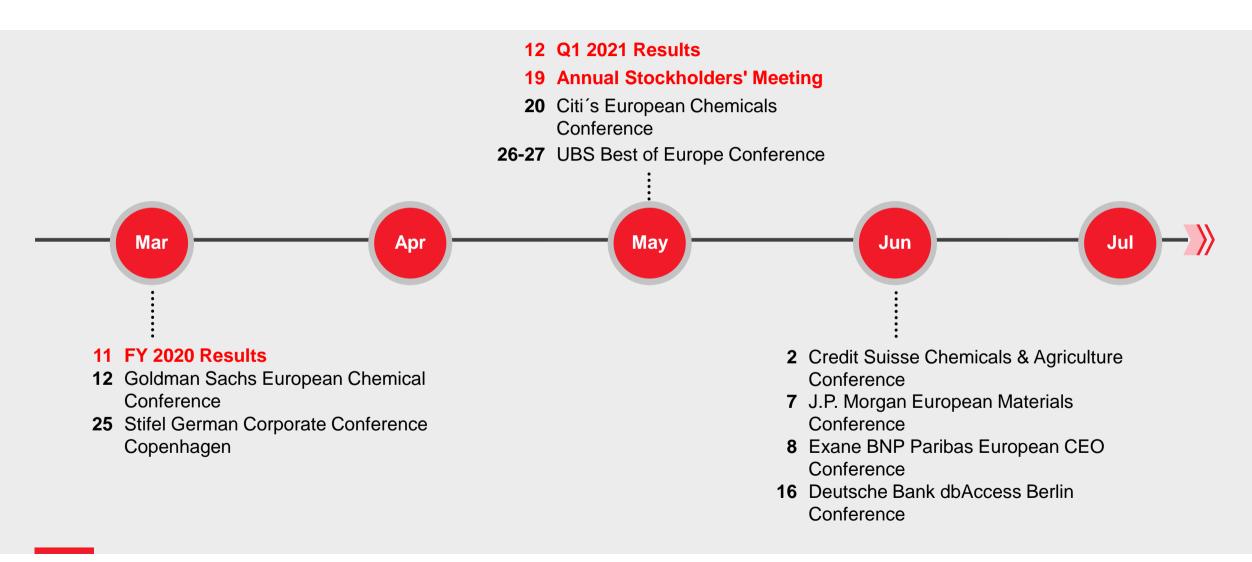
Plant significantly reduces emissions: 150 kt CO<sub>2</sub>e / year less



2 Second plant planned for 2023 Impact: 300 kt CO<sub>2</sub>e / year less

# Upcoming virtual events 2021 - Proactive capital market communication





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#### **Abbreviations**





#### **Advanced Intermediates**

All Advanced Industrial Intermediates **IPG** 

**Inorganic Pigments** 



#### **Consumer Protection**

LPT Liquid Purification Technologies **Material Protection Products** MPP

SGO Saltigo



#### **Specialty Additives**

LAB **Lubricant Additives Business** 

**PLA** Polymer Additives

Rhein Chemie **RCH** 



#### **Engineering Materials**

**HPM** High Performance Materials

**URE Urethane Systems** 

# LANXESS Energizing Chemistry