



# LANXESS – Commerzbank Corporate Conference 2021

Solid recovery

Investor Relations, August 31, 2021

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# **Agenda**

- 1 Lifting Consumer Protection segment to the next level
- 2 Financial and business details Q2 2021
- 3 Back-up



# **Acquisition of IFF Microbial Control (MC) Business: Attractive strategic characteristics**



Asset light but full of data and IP

Attractive profitability

CO<sub>2</sub> light

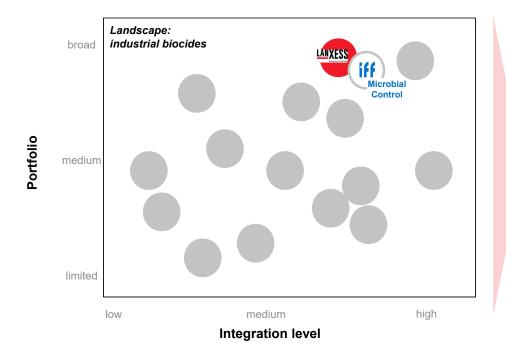
Regulatory affairs intensive business

Strong cash conversion

Secular growth

# Together, LANXESS and IFF MC complement their business activities in microbial control solutions







Combined, IFF MC & LANXESS as global player with broad portfolio & diverse application coverage

### IFF MC: strong financials and asset light model



#### **Attractive financials**

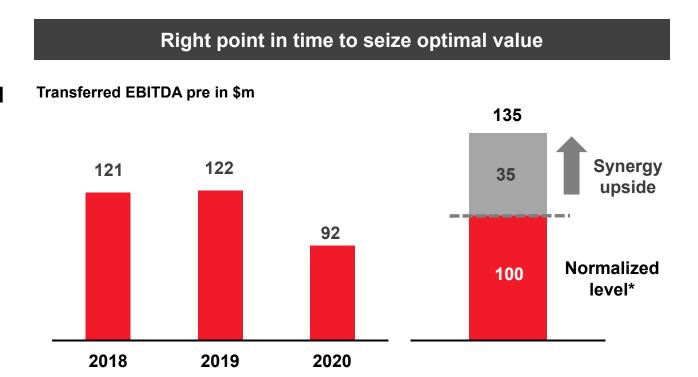
Approx. \$450 m normalized sales\*

>20% EBITDA margin

\$1.3bn EV

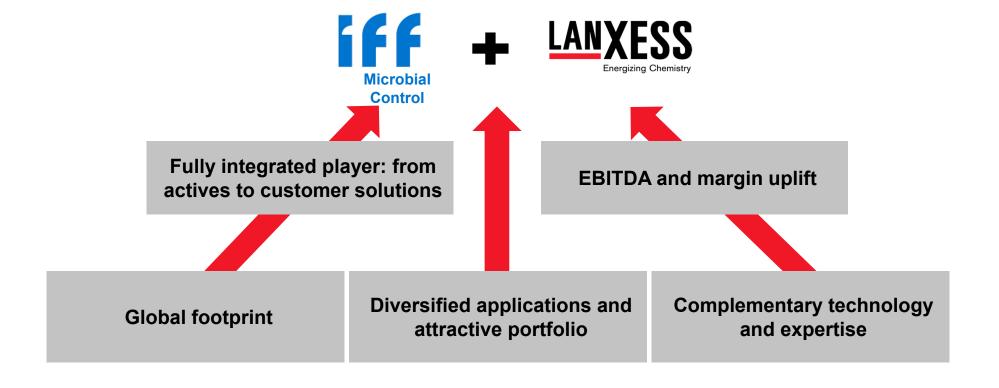
9.6 x EBITDA incl. \$35m synergies

Cash conversion ~ 90%



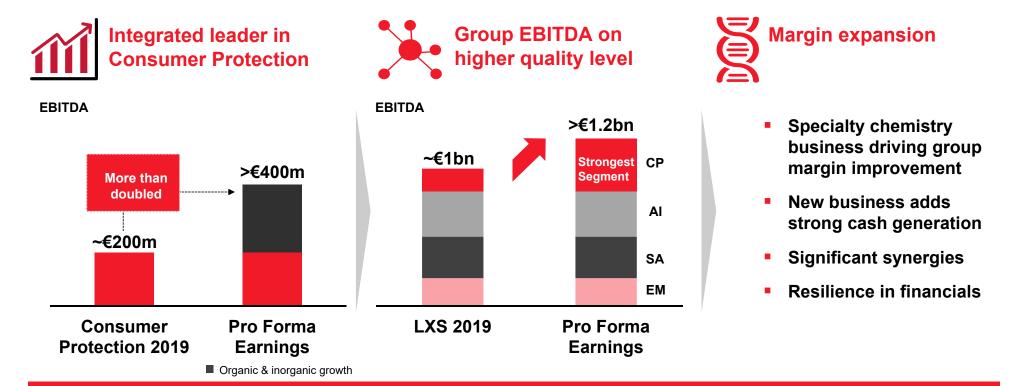
# A complementary fit – strong levers for LANXESS to build on IFF MC product platform & market access





# This acquisition lifts Consumer Protection to the next level





**Growing margins & resilience as Consumer Protection exposure broadens** 

# Combination of IFF MC and LANXESS takes us to the next level

Creating one of the leading players in microbial control

Attractive synergy level with high margin and strong cash flow

**Smooth integration and matching cultures** 

**Strategic fit strengthening Consumer Protection focus** 

# LANXESS closes acquisition of Emerald Kalama Chemical



**€375 m** Sales in 2020

Secular growth in attractive end markets

9.0x EBITDA incl. ~€25 m synergies\*\*

**€0.9 bn** Enterprise value

100%
True Specialties

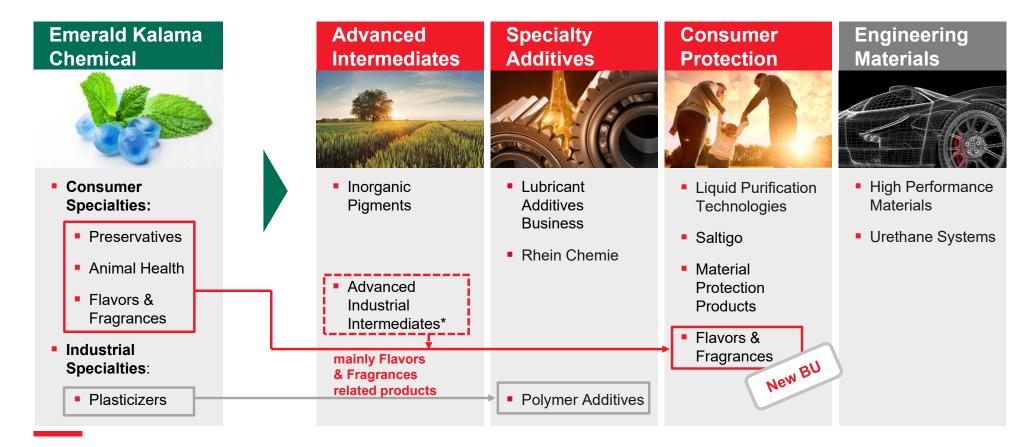
**€80 m** EBITDA pre in 2020

~80%
Cash conversion\*

22 - 25%
EBITDA pre margin

# Flavor & Fragrance products combined in new business unit within the Consumer Protection segment





<sup>\*</sup> LANXESS' existing Flavors & Fragrances business combined with Emerald Kalama Chemical Flavors & Fragrances, Animal Health and Preservatives business to a new Business unit

# **Agenda**

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2 Financial and business details Q2 2021

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### Q2 2021: Back on pre-COVID level



### **Highlights**

- Volumes back on pre-Covid level
- Strong recovery especially in Engineering Materials and Specialty Additives
- Significant EBITDA pre increase to €277 m (+24%), margin at 15.1%, despite further raw material and energy price increase and intensive logistic constraints
- Divestment of organic leather business closed
- Strengthening of R&D capacities in APAC:
   New Application Development Center in Shanghai
- Emerald Kalama acquisition closed (3<sup>rd</sup> August)



### LANXESS Group: Business back at pre-COVID level



# Strong volume growth, but higher costs and FX burden

[€ m]*	Q2/2020	Q2/2021	Δ	1H 2020	1H 2021	Δ
Sales	1,436	1,831	28%	3,140	3,524	12%
EBITDA pre	224	277	24%	469	519	11%
Margin	15.6%	15.1%		14.9%	14.7%	
CAPEX	88	92	5%	162	162	0%



- Strong sales growth driven by volumes and price increases mitigated by adverse FX effect
- Significant volume growth across all segments
- EBITDA pre significantly above previous year level due to ongoing volume growth, despite higher energy and logistic costs as well as adverse FX effect

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



# Advanced Intermediates: Benefitting from strong demand



# Like-for-like above previous year level

[€ m]*	Q2/2020	Q2/2021	Δ	1H 2020	1H 2021	Δ
Sales	430	505	17%	913	994	9%
EBITDA pre	103	96	-7%	185	173	-6%
Margin	24.0%	19.0%		20.3%	17.4%	
CAPEX	28	31	11%	51	52	2%

Price Volume FX Portfolio +10% +11% -4% 0%

Total +17%

- Sales increase driven by significantly higher volumes and prices in both BUs, partly offset by negative FX effect
- EBITDA pre and margin impacted by higher energy and freight costs
- Considering €10 m tailwind in Q2 2020, EBITDA pre already now exceeds PY level

<sup>\*</sup> New reporting structure as of Q1 2021: "Antioxidants and Accelerators" (AXX) business shift from BU AII to BU RCH (segment "Specialty Additives"); 2020 figures restated



## **Specialty Additives: Strong volume growth**



# Recovery in several key industries

[€ m]*	Q2/2020	Q2/2021	Δ	1H 2020	1H 2021	Δ
Sales	442	568	29%	1,016	1,085	7%
EBITDA pre	60	89	48%	151	163	8%
Margin	13.6%	15.7%		14.9%	15.0%	
CAPEX	20	24	20%	40	40	0%

Price	Volume	FX	Portfolio
+6%	+30%	<b>-8</b> %	0%

Total **+29**%

- Sales increase due to rising volumes and prices across all BUs
- Rising volumes in all BUs, strong demand especially in BU PLA and BU RCH
- EBITDA pre improving but held back by soaring freight costs and adverse FX effect; margin diluted by shift of AXX business (~2% p.p.)

<sup>\*</sup> New reporting structure as of Q1 2021: Business Line "Antioxidants and Accelerators" (AXX) shift from BU All to BU RCH (segment "Specialty Additives"); 2020 figures restated



# Consumer Protection: Delivering against high comparable base



# Attractive bolt-on acquisitions contribute

[€ m]	Q2/2020	Q2/2021	Δ	1H 2020	1H 2021	Δ
Sales	301	314	4%	580	604	4%
EBITDA pre	68	65	-4%	135	134	-1%
Margin	22.6%	20.7%		23.3%	22.2%	
CAPEX	12	13	8%	22	26	18%



Total **+4**%

- Sales driven by strong volume increase in BU MPP
- New long-term contract at BU SGO with favorable net price-volume effect
- EBITDA pre on strong previous year's level which was overstated by pre-buying at BU SGO, margin slightly lower due to logistic costs



# **Engineering Materials: Recovery in automotive drives strong earnings**



# Earnings more than doubled

[€ m]	Q2/2020	Q2/2021	Δ	1H 2020	1H 2021	Δ
Sales	244	424	74%	591	801	36%
EBITDA pre	28	68	143%	77	127	65%
Margin	11.5%	16.0%		13.0%	15.9%	
CAPEX	12	12	0%	20	22	10%

Price	Volume	FX	Portfolio
<b>+29</b> %	+50%	<b>-5</b> %	0%

Total **+74**%

- Sales boost based on strong demand from auto industry, partly offset by negative FX
- Volumes and prices significantly increased in BU HPM; BU URE also with positive development
- EBITDA pre and margin rise on improved volumes and higher prices, despite burden from supplier's force majeure, higher energy and freight costs as well as FX

### P&L Q2: Recovery kicks in



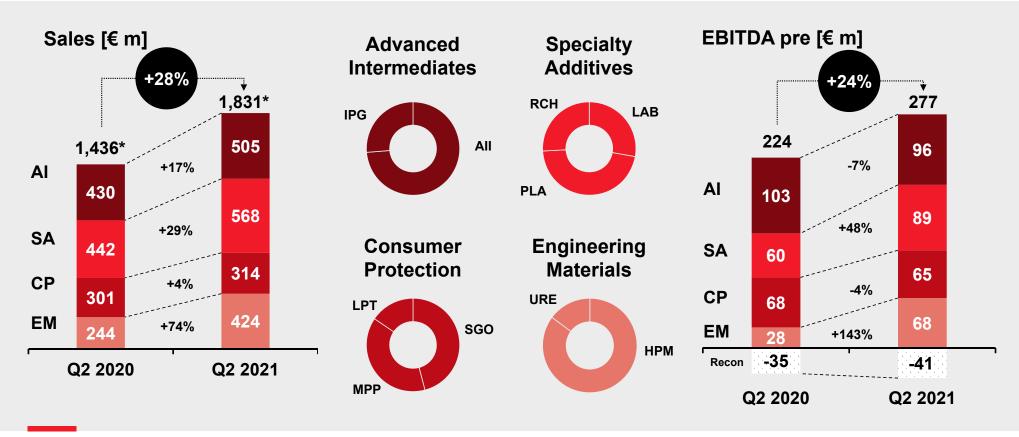
[€ m]*	Q2/2020		Q2/2021		yoy in %
Sales	1,436	(100%)	1,831	(100%)	28%
Cost of sales	-1,042	(-73%)	-1,356	(-74%)	30%
Selling	-194	(-14%)	-225	(-12%)	16%
G&A	-64	(-4%)	-70	(-4%)	9%
R&D	-28	(-2%)	-29	(-2%)	4%
EBIT	61	(4%)	125	(7%)	>100%
Net Income	798	(56%)	100	(5%)	-87%
EPS pre	0.86		1.38		60%
EBITDA	198	(14%)	247	(13%)	25%
thereof except.	-26	(-2%)	-30	(-2%)	15%
EBITDA pre except.	224	(15.6%)	277	(15.1%)	24%

- Cost of sales inflated by higher raw material and energy costs
- Increase in selling expenses reflects higher logistic and storage costs
- Strong earnings reflect recovering demand despite higher energy and logistic prices as well as negative FX development
- Net income in previous year includes proceeds from CURRENTA divestment

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

# Q2 2021: Strong recovery supported by Specialty Additives and Engineering Materials

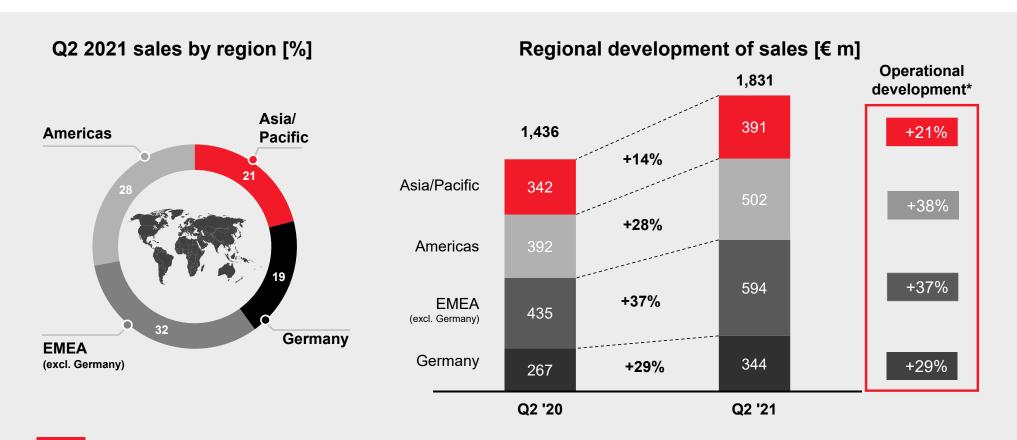




<sup>\*</sup> Total group sales including reconciliation

## Q2 2021: Strong operational development in all areas





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

# Operating cash flow burdened by working capital increase



[€ m]	Q2/2020	Q2/2021	Δ
Operating cash flow*	52	-10	-62
thereof changes in working capital	56	-165	-221
Investing cash flow*	88	182	94
thereof capex	-88	-92	-4
thereof payments for acquisitions / proceeds from divestments	734	12	-722
thereof net invest in money markets	-710	260	970

- Operating cash flow impacted by
  - Significant increase in inventories due to volume uptick and inflated raw material prices
  - Higher receivables based on increased sales
- Portfolio management:
  - Previous year investing cash flow reflects divestment of CURRENTA
  - Net amount in 2021 includes purchase price for Theseo netted against divestment of organic leather business

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

### **Strong balance sheet**



[€ m]	31.12.2020	30.06.2021
Total assets	8,880	9,149
Equity	2,999	3,352
Equity ratio	34%	37%
Net financial debt <sup>1</sup>	1,012	1,309
Cash, cash equiv., short term money market inv.	1,794	1,502
Pension provisions	1,205	990
Net working capital	1,134	1,462
DSI (in days) <sup>2</sup>	64	64
DSO (in days) <sup>3</sup>	45	47

- Equity reflects positive net income, effects in pension provision and FX
- Ongoing strong liquidity increase in net financial debt partly driven by dividend payment (€86 m), which was paid in Q3 last year
- Lower pension provisions reflect interest rate increase
- Strong increase in working capital due to higher inventories driven by inflated raw material prices as well as higher receivables based on increased sales

<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

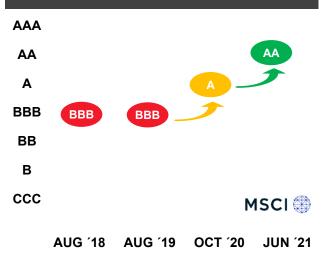
<sup>&</sup>lt;sup>3</sup> Days of sales outstanding calculated from guarterly sales

# LANXESS has once again improved its sustainability ratings



### **MSCI ESG rating upgrade to AA**

### **LANXESS ESG Rating History**



- LANXESS way above average in Corporate Governance
- Convincing climate strategy and continuous improvement in Chemical Safety
- Upgrade driven by water stress risk assessment

### **EcoVadis rating upgrade to Platinum**



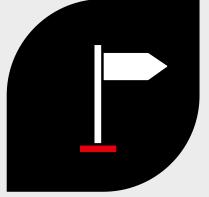
- EcoVadis covering more than 75,000 companies globally with sustainability ratings
- LANXESS perceived as strong performer in labor & human rights
- Upgraded due to improved performance in environmental dimension

### Leading ESG rating providers honor our performance

### LANXESS guidance raised – Emerald Kalama Chemical contribution included







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

- In general, ongoing recovery expected:
  - Growing demand especially in automotive, chemical industry and construction
  - Aviation and oil & gas modestly to gradually improving
- Ongoing strong development for Consumer Protection markets
- Course of pandemic and global logistic constraints remain risk factors

#### **LANXESS** outlook

- FY 2021 EBITDA pre expected €1,000 1,050 m
  - Strong development of underlying business
  - Emerald Kalama Chemical contribution ~€35 m

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### Housekeeping items 2021



Operational D&A 2021

Reconciliation 2021

**Underlying tax rate** 

Exceptionals 2021

**FX** sensitivity

Effects from EKC acquisition

Capex 2021 ~€450-500 m (incl. EKC)

~€450 m (excl. EKC)

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

~28%

€120-150 m based on current initiatives (including ~€15m OTCs\* **Emerald Kalama Chemical**)

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

Further details will be provided in Q3 presentation

# IFF MC: Targeting €30m synergies, thereof €25m by 2024





### Top line synergies: ~ €10m

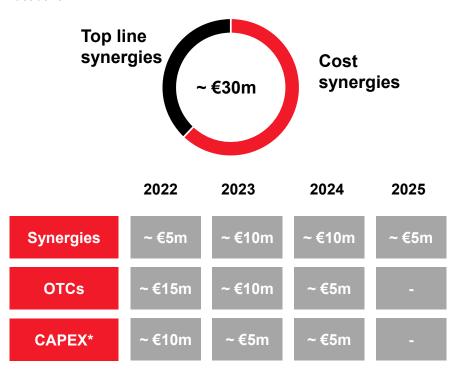
- Complementary geographies and customers
- Cross selling potential
- New applications: energy market and hygiene

### Cost synergies: ~ €20m

- Streamlining of sales office infrastructure
- Optimization of supply chain and distribution model
- Sourcing synergies
- Manufacturing excellence

### **Substantial synergies**

Illustrative



### IFF MC:

# Attractive deal metrics - closing expected in Q2 2022



#### **Accretive transaction**

- Enterprise value of ~€1.1bn
- Net financial debt and pension ~€10m
- → Purchase Price ~€1.1bn
- EPS pre accretive in first year

#### **Attractive multiple**

~EV/EBITDA ~9.6 x including
 €30 m synergies

#### **Strong synergies**

- Expected annual synergies of ~€30m (thereof already ~€25m by 2024)
- Confidence in synergies delivery given proven integration track record

#### High cash generation

- Asset light production network supporting cash flow generation
- High margin business

Acquisition will be debt financed within investment grade rating

# IFF MC: Global market presence in key microbial control application segments



#### Strong complementary business

#### Sales by end-uses Sales by region **LATAM** Hygiene **Energy** Home & Personal **RoAPAC** Care **NORAM** Water China Material **Preservation** Paints & Coatings **EMEA** 2 manufacturing sites Outsourced global > 1,500 registrations ~270 FTEs in the US production network

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



#### **Key Facts**



#### Key Financials 2020 (USD):

Sales: ~\$425 m

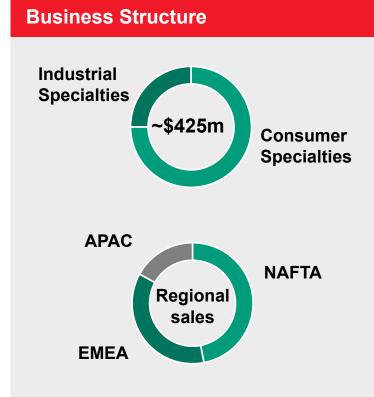
■ EBITDA pre: ~\$90 m

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%)**

### Industrial Specialties (~25%)

#### **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



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

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

#### 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



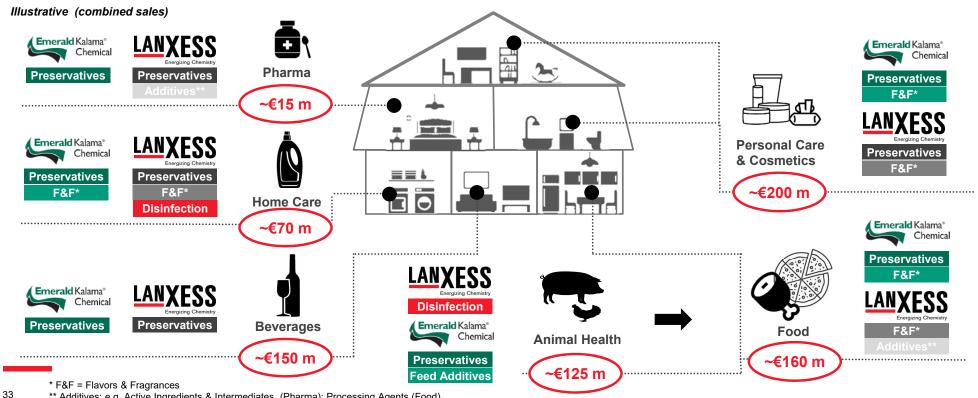
Growth > GDP



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



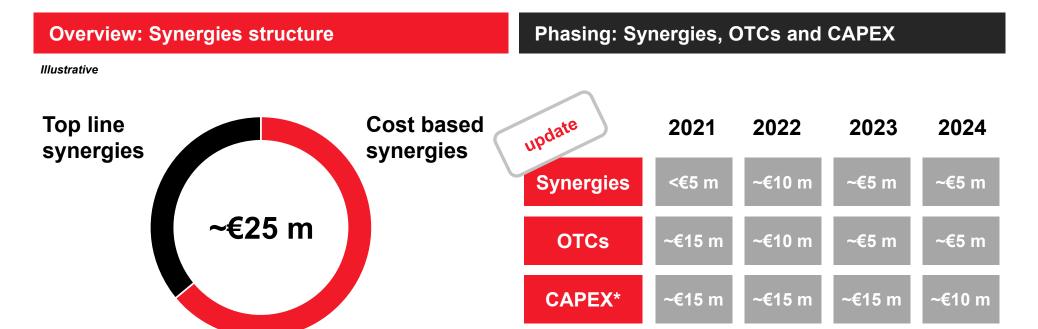
#### Emerald Kalama's products complement LANXESS' Consumer Protection portfolio perfectly



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

# Emerald Kalama Chemical acquisition: Synergies, OTCs and Capex step in earlier than expected





### LANXESS closes divestment of organic leather business LAN



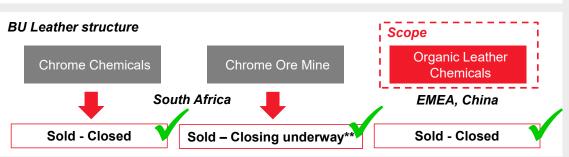
#### **Key data**

- Sale of global organic leather business to TFL\*
- The purchase price comprises a fixed component of EUR 80m plus a performance-related component of up to €115m
- Agreed trade working capital mechanism will lead to a payment of around EUR 20 million to be paid out in Q3 2021

# Strategic rationale

- Organic leather business no longer fits to LANXESS' strategic focus on specialty chemicals businesses
- Further reduction of automotive exposure
- Better future development under leadership of TFL

Transaction scope





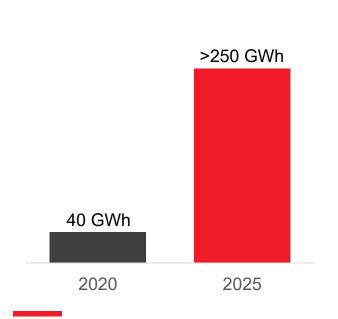
<sup>\*</sup> TFL Ledertechnik GmbH is a portfolio company of Black Diamond Capital Management, L.L.C. \*\* Subject to the approval of the relevant authorities

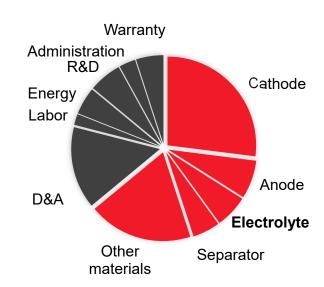
# EU market for battery chemicals to grow to over EUR 10 billion by 2025



Massive growth in demand for battery cells in the EU

Chemistry accounts for 2/3 of battery cell costs

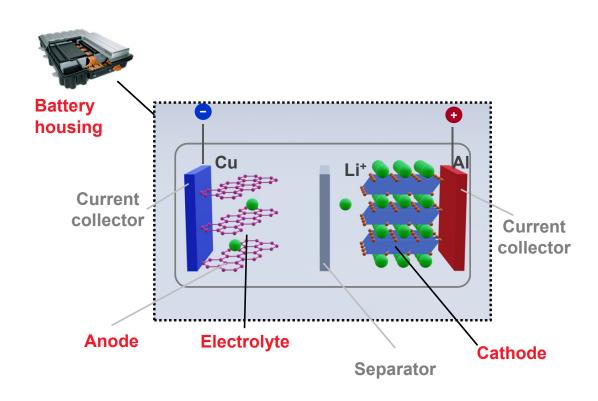






## LANXESS offers key products for Li-lon batteries





#### **Battery housing**

 PA/PBT compounds for components of the e-powertrain (BU HPM)

#### **Electrolyte**

- Key materials (Hydrofluoric acid, phosphorus chemicals) for electrolyte salt (LiPF<sub>6</sub>) (BU AII/BU PLA)
- Flame retardants (BU PLA)

#### Cathode & Anode

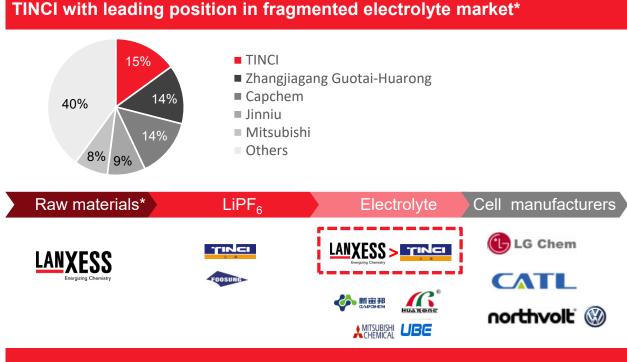
- Iron oxide as precursor for cathode active materials (BU IPG)
- Ion-exchange resins for refining battery grade cobalt, nickel and lithium (BU LPT)
- Lithium chemicals from tail-brine (BU PLA)\*

# LANXESS starts electrolyte production for Li-lon batteries in cooperation with market leader TINCI



#### **Partnership with TINCI**

- TINCI (Chinese Guangzhou Tinci Materials): a leading manufacturer for battery materials and the largest electrolyte producer worldwide
- Saltigo starts electrolyte production for TINCI in its hightech plant in Leverkusen (Germany) early 2022



Local raw material supply is key for cell manufacturers and OEMs

# 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



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

# **Key Figures: Back on pre COVID level**







**-€10 m** Operating Cash Flow



€1,502 m
Cash & cash equivalents, short term money market investments





**15.1%**EBITDA pre Margin



**€1,309 m**Net financial debt





**€92 m** CAPEX

## H1 2021: Strong earnings



[€ m]	H1 2020		H1 2021		yoy in %
Sales	3,140	(100%)	3,524	(100%)	12%
Cost of sales	-2,311	(-74%)	-2,622	(-74%)	13%
Selling	-396	(-13%)	-433	(-12%)	9%
G&A	-138	(-4%)	-143	(-4%)	4%
R&D	-54	(-2%)	-56	(-2%)	4%
EBIT	165	(5%)	223	(6%)	35%
Net Income	862	(27%)	164	(5%)	-81%
EPS pre*	2.03		2.55		26%
EBITDA	417	(13%)	462	(13%)	11%
thereof except.	-52	(-2%)	-57	(-2%)	10%
EBITDA pre except.	469	(14.9%)	519	(14.7%)	11%

- Increase in selling expenses reflects higher logistic costs and negative FX effect
- Strong earnings reflect recovering demand despite higher energy and logistic prices as well as negative FX development
- Net income in previous year includes proceeds from CURRENTA divestment

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

# Operating cash flow H1 2021 burdened by working capital increase



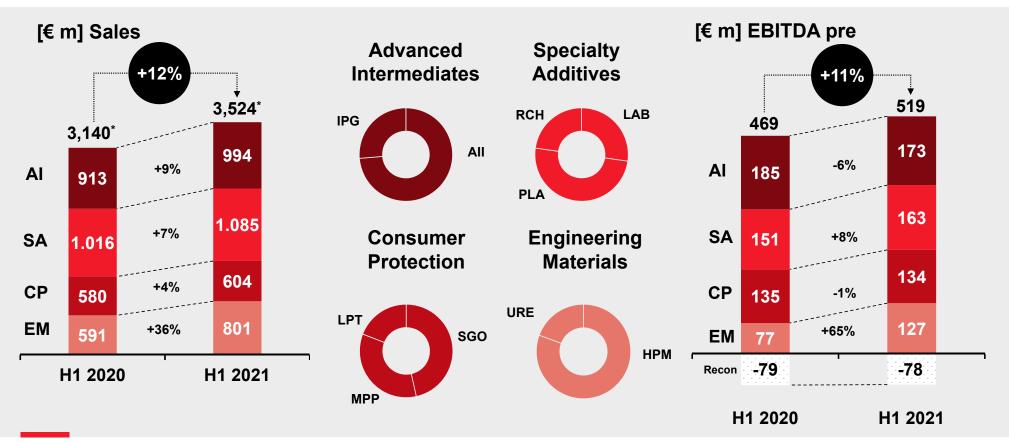
[€ m]	H1 2020	H1 2021	Δ
Operating cash flow*	165	23	-142
thereof changes in working capital	-125	-311	-186
Investing cash flow*	13	712	699
thereof capex	-162	-162	0
thereof payments for acquisitions / proceeds from divestments	787	4	-783
thereof net invest in money markets	-769	864	1,633

- Operating cash flow impacted by
  - Significant increase in inventories due to volume uptick and inflated raw material prices
  - Higher receivables based on increased sales
- Portfolio management:
  - Previous year investing cash flow reflects divestment of CURRENTA stake and chrome business
  - Net amount in 2021 includes purchase price for Theseo and Intace netted against divestment of organic leather business

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

# H1 2021: Strong recovery supported by Specialty Additives and Engineering Materials

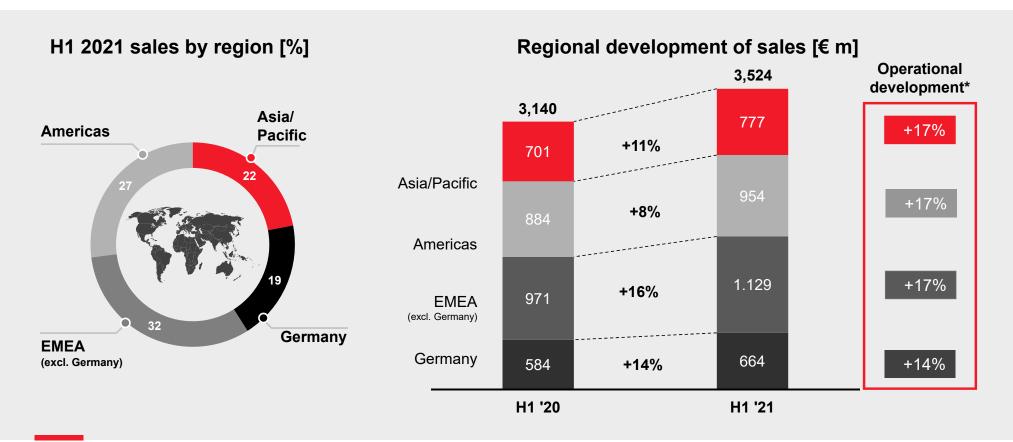




<sup>\*</sup> Total group sales including reconciliation

# H1 2021: Strong operational development in all regions





# Exceptional items (on EBIT) below previous year level



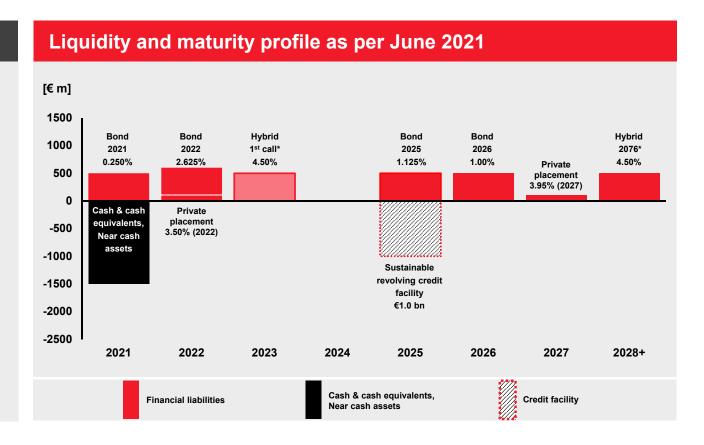
[€ m]	<b>Q2</b> /2	2020	Q2/	2021	H1 :	2020	H1 2021		
	Excep.	Thereof D&A	Ехсер.	Thereof D&A	Ехсер.	Thereof D&A	Ехсер.	Thereof D&A	Comments
Strategic Realignment & Restructuring	25	18	5	1	41	18	7	1	incl. adjustment of production network
M&A, Digitalization (incl. Chemondis) and Others	13	1	21	0	17	0	39	0	incl. CUR, organic leather, membrane divestments, Emerald Kalama, Theseo, Intace acquistions
Strategic IT projects	7	0	6	1	13	1	13	1	incl. SAP Hana Project
Total	45	19	32	2	71	19	59	2	

## 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 July (early redemption of 2021 bond)
- 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.

## Strong portfolio of attractive businesses



# Advanced Intermediates

- Advanced Industrial Intermediates
- Inorganic Pigments



- Lubricant Additives Business
- Polymer Additives
- Rhein Chemie



- Flavors & Fragrances
- Liquid Purification Technologies
- Material Protection Products
- Saltigo

**Engineering Materials** 



- High Performance Materials
- Urethane Systems

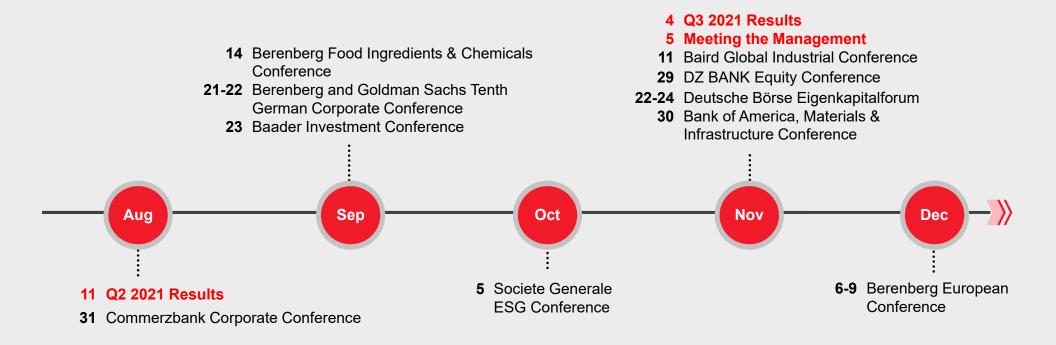
**More resilient** 

**Strong cash generation** 

Solid platform for growth

# Upcoming virtual events 2021 - Proactive capital market communication





## **Contact details Investor Relations**





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## **Abbreviations**





#### **Advanced Intermediates**

All Advanced Industrial Intermediates

IPG Inorganic Pigments



#### **Consumer Protection**

F&F Flavors & Fragrances

LPT Liquid Purification Technologies

MPP Material Protection Products

SGO Saltigo



### **Specialty Additives**

**LAB** Lubricant Additives Business

PLA Polymer Additives

**RCH** Rhein Chemie



### **Engineering Materials**

**HPM** High Performance Materials

**URE** Urethane Systems

# LANXESS Energizing Chemistry