



## LANXESS – EXANE BNP PARIBAS 23<sup>rd</sup> European CEO Conference

Earnings back on high previous year level

Matthias Zachert, CEO

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### **Agenda**

1 Executive summary Q1 2021

2 Financial and business details Q1 2021

3 Back-up



### Q1 2021: Execution on strategy, solid earnings level



### **Q1 Highlights**

#### **Strategic:**

- Acquisition of Emerald Kalama Chemical signed
- Two bolt-on acquisitions closed in Consumer Protection segment
- Entry into battery chemistry business announced: electrolyte production for Tinci at BU SGO

#### Financial:

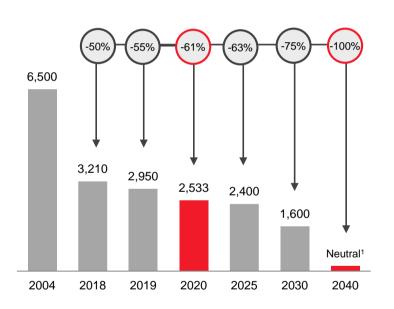
- Volumes above previous year after unexpectedly strong March
- EBITDA pre on previous year level at €242 m, stable margin at 14.3%
- Several effects burden Q1'21: winter shutdowns (USA), energy & freight costs, raw material price increases, FX



### ESG theme as a chance - LANXESS goes climate neutral by 2040



#### **Our goal: Climate neutrality**

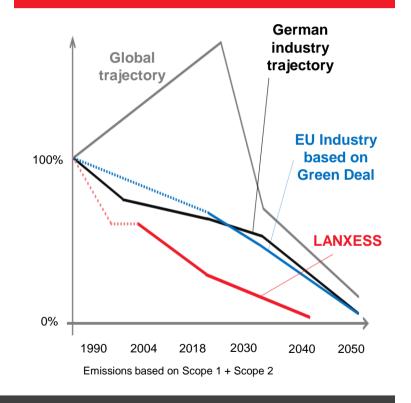


Emissions based on Scope 1 + Scope 2, numbers rounded, in thousand tons  $CO_2e$ 

#### Three-pronged approach

- Reduction of N<sub>2</sub>O emissions and change to renewable energies
- CO<sub>2</sub>e balance as criteria for organic growth and acquisitions
- Focus R&D activities on climate neutral processes and technologies

#### Ahead of EU regulation<sup>2</sup>



#### LANXESS is on track to achieve targets set for 2025

<sup>&</sup>lt;sup>1</sup> Climate neutral: Less than 300,000 tons of CO<sub>2</sub> equivalents per year. These will be reduced through compensation measures.

<sup>&</sup>lt;sup>2</sup> This is based on current legislation. There is a plan for a more ambitious 2045 Net-Zero Emission Goal to be approved by cabinet shortly.

### LANXESS enhances its disclosures according to SASB and TCFD reporting standards



#### Mapping of KPIs to SASB<sup>1</sup> standard

- SASB with uniform reporting procedures for sustainability KPIs to facilitate categorization and analysis
- Growing importance globally after initial focus in US
- LANXESS publishes a SASB Index in accordance with Chemical Standard for environmental, social and governance issues



### Reporting according to TCFD<sup>2</sup> standard

- TCFD with recommendations for more effective climate-related disclosures, in particular to report information on climate-related opportunities and risks
- Disclosure around four thematic areas: Governance, strategy, risk management and metrics and targets
- LANXESS acknowledges the need for improved and increased reporting of climate-related financial information



LANXESS takes a proactive role in contributing to a better, sustainable future

### Current outlook: Recovering demand in most end markets, increasing raw material prices and FX burden





#### **Advanced Intermediates**

- Increasing demand in all end markets, but energy prices burden
- Boom in construction in all regions, strong order book



### **Specialty Additives**

- Strong demand for automotive supports all BUs; aviation still weak
- Positive trends in key industries: Construction strong, oil & gas improving



#### **Consumer Protection**

- Disinfection, purification and biocides with good business momentum despite high comparable base
- Agro market rebounding

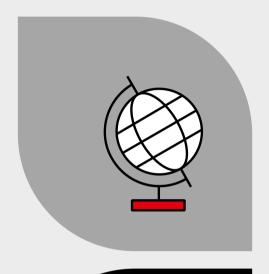


#### **Engineering Materials**

Strong auto recovery in all regions, Force Majeure of supplier burdens

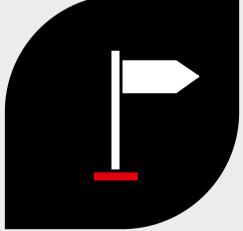
### LANXESS guidance raised – recovery gains traction







- Ongoing recovery in most end markets:
  - Strong rebound in automotive, agro and construction
  - Aviation still weak, oil & gas gradually improving
- Further soaring raw material prices trigger typical time lag for passthrough



#### **LANXESS** outlook

- Q2: EBITDA pre range of €240-280 m expected, despite burden of
  - Unplanned shutdowns at BU HPM (~€5-10 m)
  - Weak US Dollar
- FY 2021 EBITDA pre expected €950-1,000 m

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### LANXESS Group: Results back on solid previous year level



# Strong volume growth, but FX burdens

[€ m]*	Q1/2020	Q1/2021	Δ
Sales	1,704	1,693	-1%
EBITDA pre	245	242	-1%
Margin	14.4%	14.3%	
CAPEX	74	70	-5%



- Price Volume FX Portfolio
  -2% +5% -4% +0%

  Total -1%

  Q1 Sales vs. PY
- Stable sales driven by volumes but impacted by adverse FX effect and lower price level compared to previous year
- Raw material prices still slightly below previous year but massive sequential upswing in Q1 2021
- EBITDA pre and margin on previous year level. Positive volume growth offset by time-lag in raw material price pass-through and negative FX

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

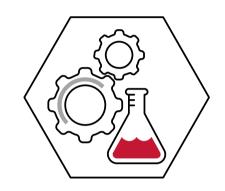


### Advanced Intermediates: Strong volume growth



### Rising volumes, prices lag behind

[€ m]*	Q1/2020	Q1/2021	Δ
Sales	483	489	1%
EBITDA pre	82	77	-6%
Margin	17.0%	15.7%	
CAPEX	23	21	-9%





Q1 Sales vs. PY

- Sales increase driven by significantly higher volumes in both BUs mitigated by lower prices and negative FX effect
- Stable price level at BU IPG. BU AII with lower prices, significant increase in raw material prices not yet passed-through
- EBITDA pre and margin impacted by price pass-through delay, higher energy costs and negative FX

<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

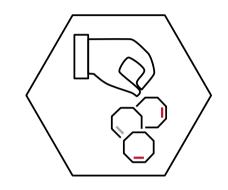


### Specialty Additives: Results impacted by weatherrelated shutdowns and negative FX development



### Shutdowns burden

[€ m]*	Q1/2020	Q1/2021	Δ
Sales	574	517	-10%
EBITDA pre	91	74	-19%
Margin	15.9%	14.3%	
CAPEX	20	16	-20%



	Price Volume 0% -4%		
Q1 Sales	_	otal -	10%

- Sales decline due to lower volumes and negative FX effects, compared to still strong previous year level
- Weather-related shutdowns in the US and still weak demand from aviation led to lower volumes in BU PLA and LAB, while BU RCH benefits from auto recovery
- EBITDA pre and margin impacted by weather-related shutdowns,
   higher freight costs and adverse FX effect; shift of AXX dilutes margin

<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: Outperforming high comparable base



### Ongoing growth and strong margins

[€ m]	Q1/2020	Q1/2021	Δ
Sales	279	290	4%
EBITDA pre	67	69	3%
Margin	24.0%	23.8%	
CAPEX	10	13	30%





- Considerable sales increase driven by strong volumes, partly offset by negative pricing and FX
- Ongoing strong demand for disinfectants and biocides, volume uptick inflated by IFRS 15
- Improved EBITDA pre due to higher volumes despite weather-related shutdown in US (BU MPP); lower prices and FX weigh on result
- Acquisitions in BU MPP contribute nicely

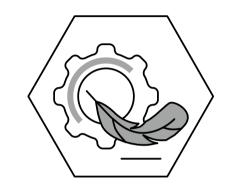


### **Engineering Materials: Automotive recovery drives strong earnings**



### Strong margin improvement

[€ m]	Q1/2020	Q1/2021	Δ
Sales	347	377	9%
EBITDA pre	49	59	20%
Margin	14.1%	15.6%	
CAPEX	8	10	25%



- Price Volume FX Portfolio 0% +13% -4% 0%

  Total +9%
- Rise in sales due to strong demand from auto industry, partly offset by negative FX
- Prices recovered to previous year level after massive decline during 2020
- EBITDA pre and margin increase driven by improved volumes, offsetting higher energy and freight costs as well as FX

Q1 Sales vs. PY

### P&L Q1: Profitability on previous year level, unexpectedly strong March



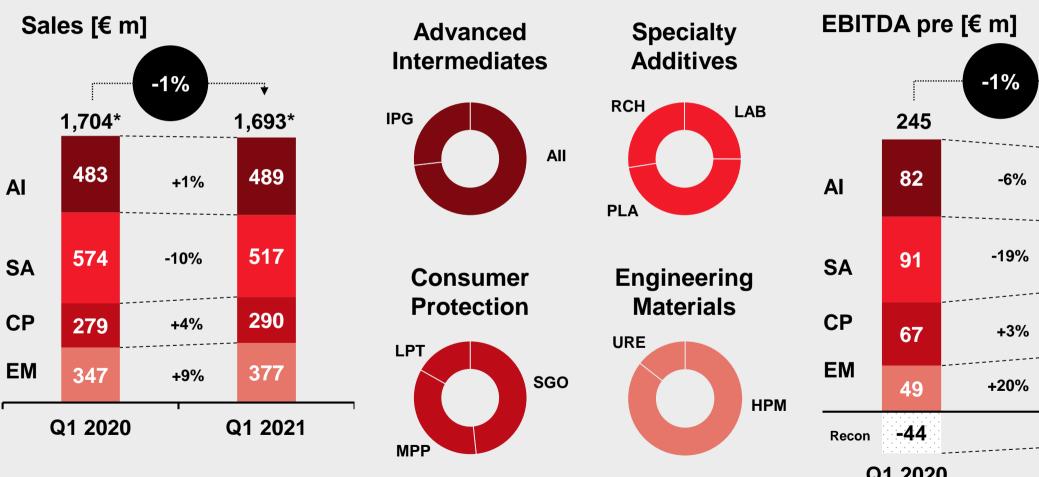
[€ m]*	Q1/2020		Q1/2021		yoy in %
Sales	1,704	(100%)	1,693	(100%)	-1%
Cost of sales	-1,269	(-74%)	-1,266	(-75%)	0%
Selling	-202	(-12%)	-208	(-12%)	-3%
G&A	-74	(-4%)	-73	(-4%)	1%
R&D	-26	(-2%)	-27	(-2%)	-4%
EBIT	104	(6%)	98	(6%)	-6%
Net Income	64	(4%)	64	(4%)	0%
EPS pre	1.17		1.17		0%
EBITDA	219	(13%)	215	(13%)	-2%
thereof except.	-26	(-2%)	-27	(-2%)	-4%
EBITDA pre except.	245	(14.4%)	242	(14.3%)	-1%

- Increase in selling expenses reflects higher freight costs, partly mitigated by lower travel expenses
- Stable earnings, margins and EPS due to recovering demand despite weatherrelated shutdowns, higher energy prices and negative FX development

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

### Q1 2021: Results supported by Consumer **Protection and Engineering Materials**



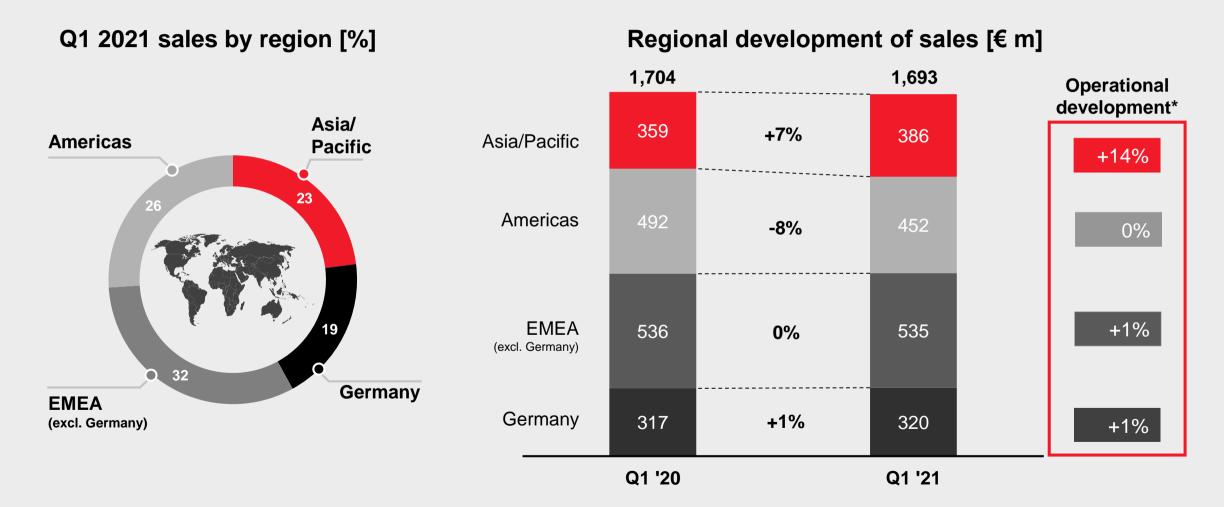


<sup>242</sup> 77 74 69 59 -37 Q1 2020 Q1 2021

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

### Q1 2021: Asia leading the recovery, America and EMEA compare with solid previous year base





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

### Operating cash flow distorted by timing of various tax payments among others



[€ m]	Q1/2020	Q1/2021	Δ
Operating cash flow*	113	33	-80
Investing cash flow*	-75	530	605
thereof capex	-74	-70	4
thereof net proceeds from money market funds	-59	604	663

- Operating cashflow distorted due to
  - Timing of income taxes paid (~€35 m) in 2021
  - Received VAT re-imbursement (~€20 m) in 2020
- Change in investing cash flow driven by cash-in from money market funds

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

### Rock solid balance sheet



[€ m]	31.12.2020	31.03.2021
Total assets	8,880	9,118
Equity	2,999	3,330
Equity ratio	34%	37%
Net financial debt <sup>1</sup>	1,012	1,223
Cash, cash equiv., short term money market inv.	1,794	1,588
Pension provisions	1,205	1,016
Net working capital	1,134	1,307
DSI (in days) <sup>2</sup>	64	60
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 due to short-term investment in capital market instruments, shown as other short term assets
- Lower pension provisions reflect interest increase
- Seasonal increase 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)

### Key Figures\*: Back on previous year level



Q1 Q2 Q3 Q4





€33m Operating Cash Flow



€1,588 m
Cash & cash equivalents, short term money market investments





**14.3%**EBITDA pre
Margin



**€1,223 m**Net financial debt





CAPEX

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

### Exceptional items (on EBIT) on previous year level, reflecting mainly costs for M&A projects



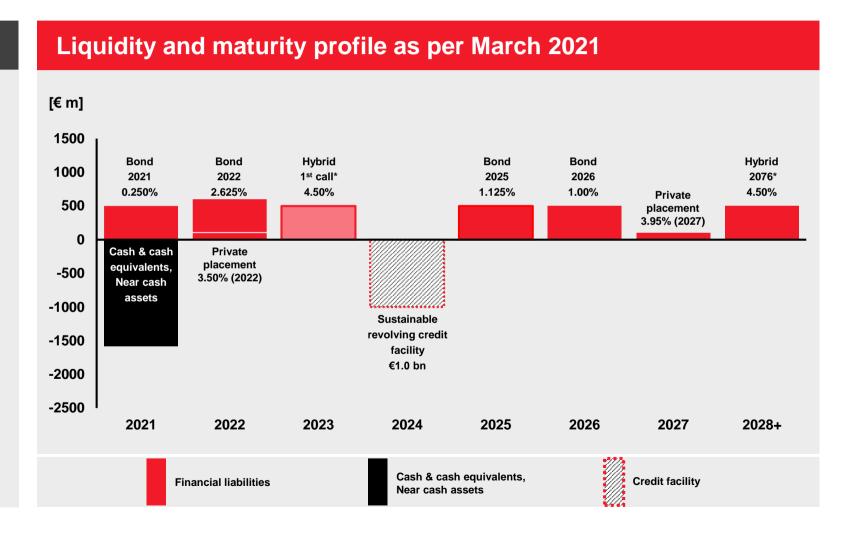
[€ m]	Q1/2020		Q1/2021		
	Excep.	Thereof D&A	Excep.	Thereof D&A	Comments
Strategic Realignment & Restructuring	18	0	2	0	incl. adjustment of production network
M&A, Digitalization (incl. Chemondis) and Others	3	0	18	0	incl. Emerald Kalama acquisition and bolt-on acquistions in Consumer Protection
Strategic IT projects	5	0	7	0	incl. SAP Hana Project
Total	26	0	27	0	

### 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



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

### On the growth track: Three highly complementary acquisitions strengthen LANXESS specialty character







Sales: ~425m \$ USA Leading Consumer Protection player and strategic expansion into growth markets Food & Animal Nutrition

Second largest acquisition: 100% complementary fit, attractive synergy potential and straight forward integration



**Building a leading microbial solution player** 

Highly complementary in product portfolio and regional set-up



Niche Play: Specialty fungicides for the packaging industry

Further sustainable growth based on trend for replacement of plastic with antimicrobial paper packaging



Integration finalized

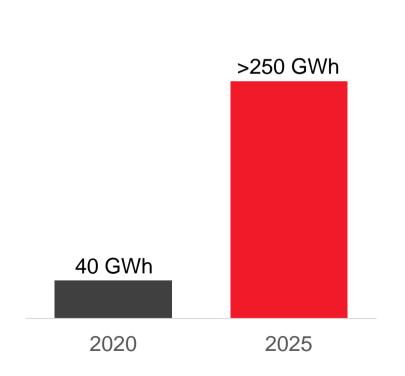
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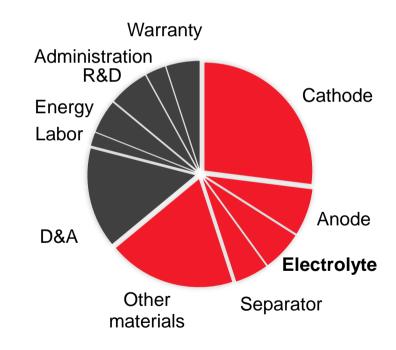
### EU market for battery chemicals to grow to over EUR 10 billion by 2025



Massive growth in demand for battery cells in the EU

Chemistry accounts for 2/3 of battery cell costs

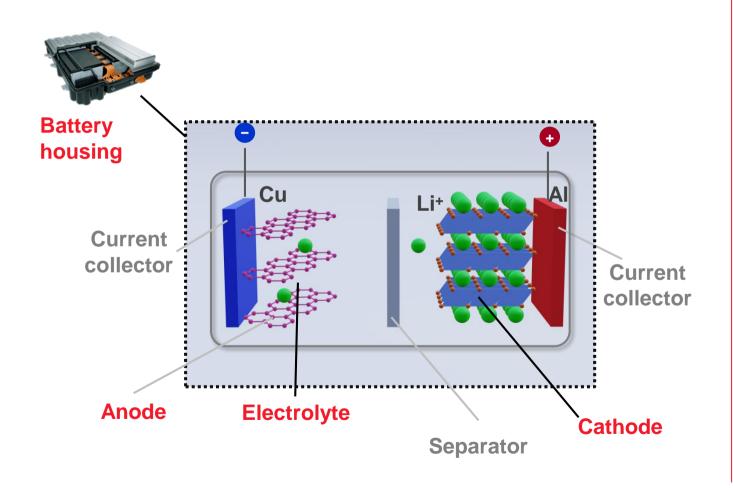






### LANXESS offers key products for Li-Ion batteries





#### **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

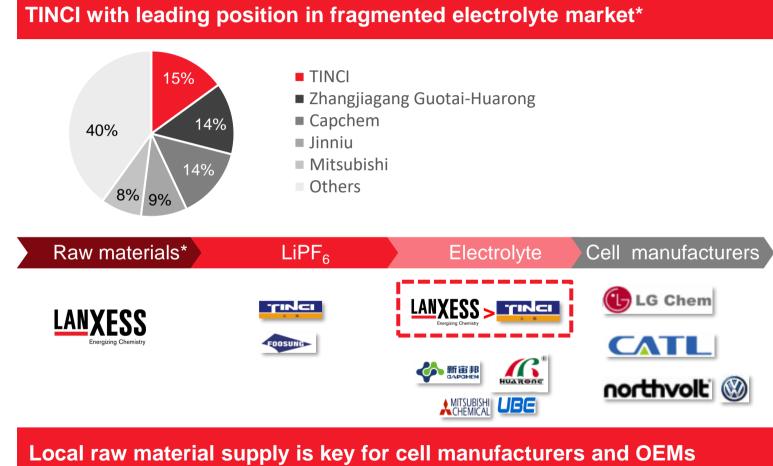
- Iron oxide as precursor for cathode active materials (BU IPG)
- Ion-exchange resins for refining battery grade cobalt, nickel and lithium (BU LPT)
- Lithium chemicals from tail-brine (BU PLA)\*

### LANXESS starts electrolyte production for Li-Ion 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



### 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

### Strong portfolio of attractive businesses



### Advanced Intermediates

- Advanced Industrial Intermediates
- Inorganic Pigments

### Specialty Additives

- Lubricant Additives Business
- Polymer Additives
- Rhein Chemie

### **Consumer Protection**



- Liquid Purification Technologies
- Material Protection Products
- Saltigo

### **Engineering Materials**



- High Performance Materials
- Urethane Systems

More resilient

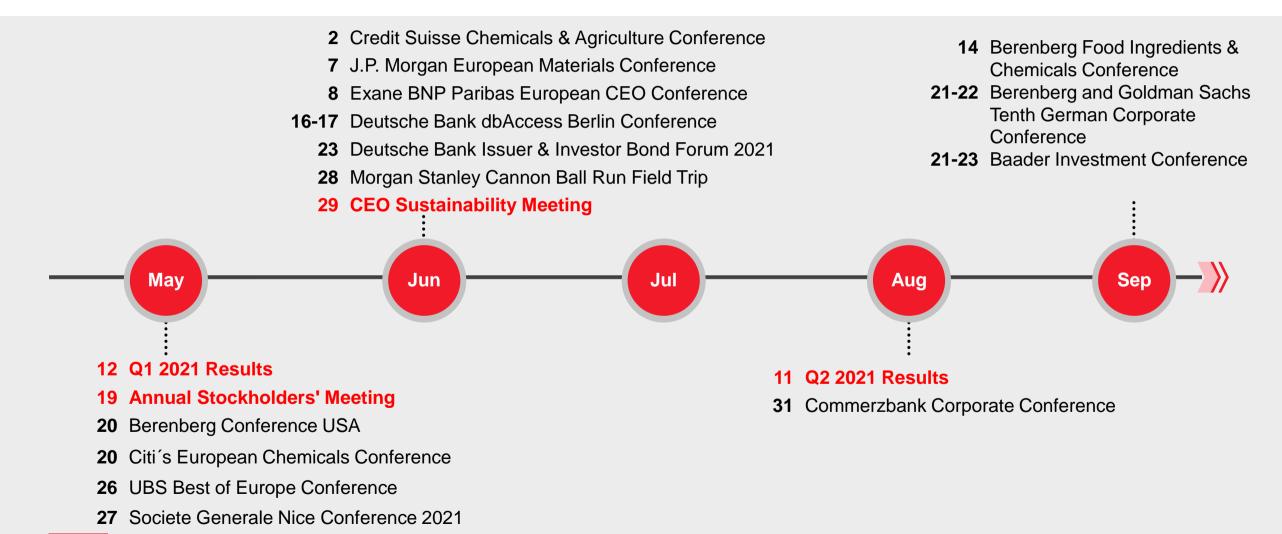
**Strong cash generation** 

Solid platform for growth

**INTERNAL** 

### 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 TechnologiesMPP Material Protection ProductsSGO Saltigo



#### **Specialty Additives**

LAB Lubricant Additives BusinessPLA Polymer AdditivesRCH Rhein Chemie

#### **Engineering Materials**

HPM High Performance MaterialsURE Urethane Systems

# LANXESS Energizing Chemistry