



LANXESS – Roadshow Q1 2022

The NEW LANXESS - more resilient, higher margins and higher specialty chemicals player

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Agenda

- 1 The NEW LANXESS
- 2 Addressing market concerns
- 3 Review Q1 2022 and backup



Formation of a powerful plastics JV - immediate cash-in and clear exit determined



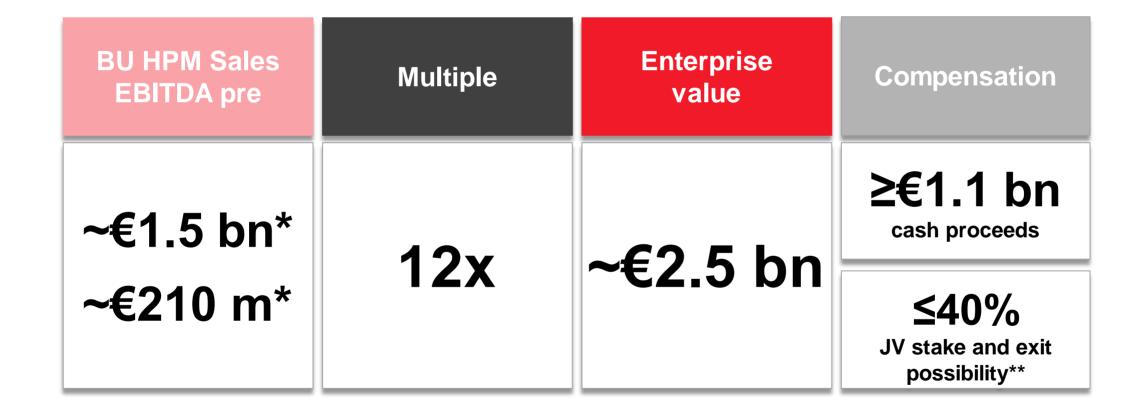


- Immediate cash-in of at least €1.1 bn
- LANXESS has exit possibility:
 - Earliest exit possibility after 3 years
 - Fixed multiple for complete exit offers upside due to synergies
- Closing & deconsolidation of BU HPM expected H1 2023*

LANXESS retains exit option for ≤40% ownership in JV

Monetization of BU HPM stake with attractive financials and additional upside at final exit





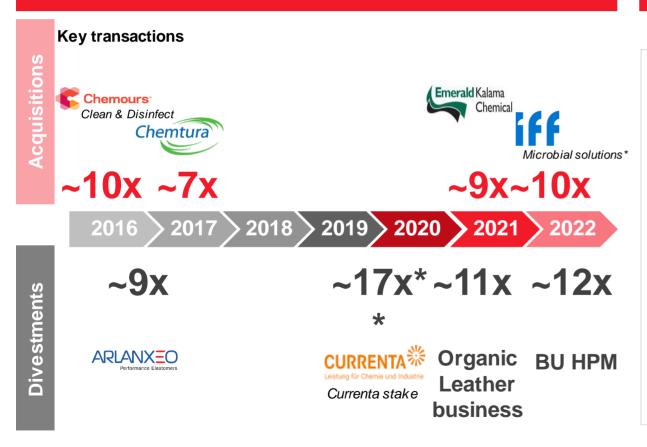
^{*} FY 2021

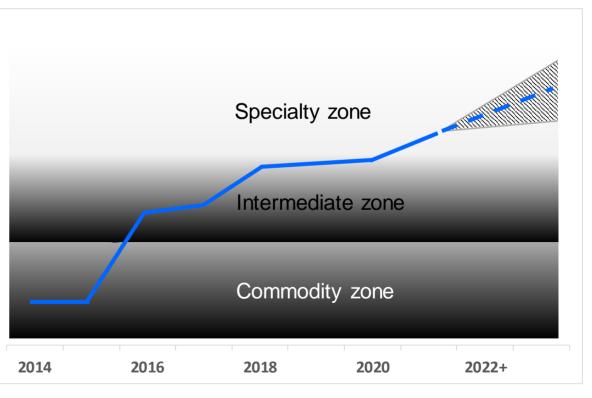
LANXESS: Strong transformation via active portfolio management





Increasing true specialty nature of portfolio





= LXS product portfolio

Strong portfolio of attractive businesses: Reduced complexity, higher margins, asset lighter





- Advanced Industrial Intermediates
- Inorganic Pigments



- Among top 3 players
- Cost, technology and process leadership



- Lubricant Additives Business
- Polymer Additives
- Rhein Chemie







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



- Among top 3 players
- Small volume, high impact
- Integrated value chains

- # 1-3 positions
- Attractive secular growth
- Strong margins
- Asset light & high cash conversion

We have defined clear focus topics and objectives – aligned with societal goals and our strategic ambition















































Objectives*

LANXESS to become climate neutral by 2040, -50% CO₂e emissions by 2030 versus 2018

Efficiency

- LTIFR** reduction of 50% to 1.0 in 2025 vs. 2016
- Increase proportion of women in management to 30% by 2030
- Reduction of absolute water withdrawal by 15% at water risk sites by 2023
- Increase in energy efficiency of 40% to < 1.24 (MWh/t) compared to base year 2015

Ambition: LANXESS as a leading, resilient, sustainable, and profitable company

^{*} Selection **LTIFR: Lost time injury frequency rate

Sustainable Products

Our products enable sustainable solutions



Health

Desinfectants and products for arsenic removal



Water

Ion exchange resins for water purification



Infrastructure

Products for flame and building protection



New Mobility

Materials for battery value chain and lightweight construction

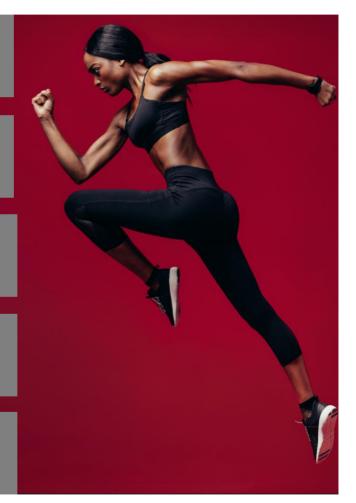


A large share of LANXESS' sales volume supports the Sustainable Development Goals (SDGs)

Five of the most striking reasons to invest



- Embark on an exciting transformation journey to high margin specialty chemicals businesses
- 2 Unique specialty chemicals portfolio with leading market positions
- Proven resilient business model with many growth options
- Forerunner in sustainability awarded by leading rating agencies
- Energizing chemistry committed management team embedded in performance oriented corporate culture



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LANXESS manages financial risks proactively and successfully





Liquidity



Leverage



Cash Flow



Strong liquidity position

- Cash*: €1,885 m in Q1 2022
- RCF: €1 bn (undrawn, no financial covenants)
- Committed credit lines:
 €750 m (undrawn)

Maintaining investment grade rating

 Leverage clearly limited by commitment to investment grade rating

Burdened cash flow on basis of inflationary environment

Risk measures

- Careful evaluation of different scenarios and stress tests
- Daily cash monitoring
- Interest rate hedging for next bond maturity in November 2022

Risk measures

- Focus on deleveraging and sale of assets (see HPM JV)
- Increasing EBITDA will support deleveraging

Countermeasures

- Focus on WC management
- Exceptionals will ease in 2023 (e.g. less M&A, SAP upgrade realized)
- Rigorous CAPEX review and reflecting HPM deal

We are working on all possible levers to improve cash flow



	2022	Following years	
EBITDA pre	 Contribution from organic growth & acquisitions Higher specialty business due to portfolio optimisation 	Higher margin business	
Exceptionals	 Lower M&A activity Less cost for digitalization & restructuring 	 Further reduction 	
WC	 Release once input costs normalize, review of safety stocks and SAP go live 	 Inflow, Disciplined WC management 	
CAPEX	Stable development despite acquisitions	 Reflecting HPM carve out 	

Multiple levers over mid-term to improve cashflow

Energy costs with unprecedented rise



Gas price development in Germany*





Management of energy supply and costs in focus

Focused process to create transparency and to embed energy pricing into relevant contracts





Q1 '22

- Establish energy transparency on product level globally
- Create transparency on all relevant key contracts

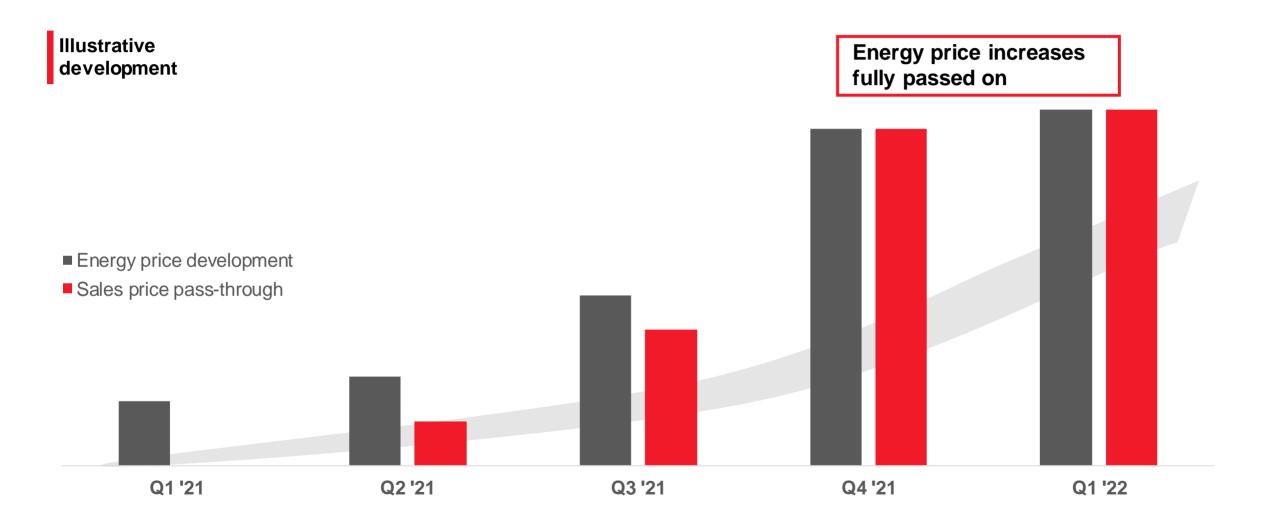
- Develop concepts by BU
- Develop concepts for major customers
- Train sales force

- Start to levy energy surcharges in noncontracted businesses
- Intense negotiations with key customers
- Amend all relevant contracts where legally possible

- More than 50% of relevant contracts changed: Price escalation clauses in place
- Further work on remaining contracts ongoing

Pass-through of higher energy costs implemented





LANXESS immediately established task force after start of Russian war on Ukraine



Russian attack on Ukraine



Set up of task force



Additional liquidity



- Establishment of full transparency on risk exposure:
 - Minor sales / receivables exposure
 - Minor asset / risk exposure
- Preparation of crisis scenarios (opex and capex control)
- Procurement established alternative sourcing concepts, where needed

- Preparation of additional liquidity
- Issuance of €600 m bond and establishment of further committed credit lines to have back-up liquidity in place

- Creation of transparency on gas exposure world-wide
- Prioritization of gas allocation by site and product lines
- Develop operational and technical implementation plans

Direct impacts considered modest

Potential gas embargo could be tackled by reduced output of some specific gas intensive plants





Moderate direct impact on major German sites

Situation at sites in North Rhine-Westphalia*:

- Mainly steam and electricity needed for production. Both are based on gas or coal (sourced from CURRENTA)
- LXS / CUR are not directly supplied by Russian gas.
 However, embargo of Russian gas leads to undersupply in Germany (35-50% sourced from Russia) and would reduce supply of steam at LXS sites
- LXS energy costs: only 40% depend on gas in Germany
- Embargo of Russian oil: not an issue

Potential consequences:

Electricity: Not an issue, replaceable from grid

Steam: An embargo of Russian gas only leads to a modest direct impact (see following analysis)

Reduced production in 4-5 out of 53 plants could offset Russian gas embargo*



Russian gas embargo should be manageable

plant	steam demand [t/h]	profitability contribution	necessary action
Plant 1	high	modest	shutdown
Plant 2	high	modest	reduced output
Plant 3	high	modest	reduced output
Plant 4	high	modest	reduced output
Plant 5	medium	modest	reduced output
Plant 6	medium	high	continued operation
Plant 7	medium	high	continued operation
			continued operation
Plant 52	low	high	continued operation
Plant 53	low	high	continued operation



Estimated direct EBITDA effect: €80-120 m p.a. – indirect effects not quantifiable

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A strong start into an uncertain year



LANXESS successfully manages current challenges

- 2022 started strong: Q1 with more than 30% EBITDA pre growth
- Energy and raw material costs fully passed on (price: +31%), underlining pricing power and strength of portfolio
- ✓ Strong guidance for Q2 2022: €280-350 m
- Full Year 2022 guidance confirmed: Significantly above previous year (YTD already ~€80 m ahead of PY)
- € Energy- and gas exposure risks assessed and mitigation plans established

Strong start into the year, solid liquidity ensured



	Q1 2021	Q1 2022	Δ
Sales	1,693	2,432	+ 44%
Price		+523	+ 31%
Volume		+19	+ 1%
FX		+71	+ 4%
Portfolio		+126	+ 8%
EBITDA pre	242	320	+ 32%
EPS pre	1.17	1.63	+ 39%
Liquidity*	1,234**	1,885	+ 53%

^{*} including cash, cash equivalents, near cash assets, short-term money market investments ** 31.12.2021

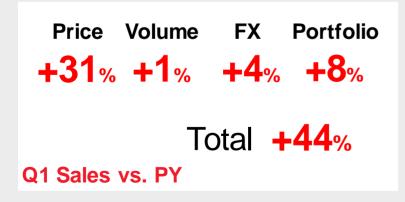
LANXESS Group: Significant EBITDA pre increase due to pricing and portfolio effect



Raw material and energy price increases passed through

[€ m]	Q1/2021	Q1/2022	Δ
Sales	1,693	2,432	44%
EBITDA pre	e 242	320	32%
Margin	14.3%	13.2%	
CAPEX	70	63	-10%



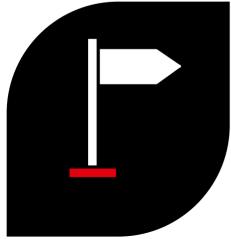


- Substantially higher sales in all segments again due to successful pass-through of higher raw material and energy prices, support from portfolio effect and FX
- Significant EBITDA pre rise due to good operating performance in all segments and contribution from acquired businesses, partly offset by logistical constraints
- Full pass-through of inflated input costs weighs on margins arithmetically

Good start in 2022 but high uncertainty due to Russia-Ukraine war







Current view on economy

- Currently still stable development of global economy becomes more fragile, increasing uncertainty from Russia-Ukraine war and China's zero Covid policy
- Ongoing challenges
 - Further high level of energy and raw material costs
 - Disruptions in global supply chains (at least until second half of 2022)

LANXESS outlook

- Q2 2022: €280-350 m EBITDA pre
- FY 2022 EBITDA pre confirmed: significantly above previous year
 - Not yet included: Microbial Control business of IFF (closing expected in Q3)

All currently known information considered in guidance

Q1 2022: Successful pass-through of raw material and energy costs



Highlights

- Full pass-through of raw material and energy price inflation strongly boosts sales (+44%)
- Significant increase in EBITDA pre by 32% to €320 m
- All segments contribute to growth,
 Specialty Additives with highest EBITDA pre in history and strong margin (18.6%)
- Managing highly volatile input costs and impacted supply chains

Challenges

- Top line inflation weighs arithmetically on EBITDA pre margin
- Working capital heavily impacted by strongly inflated input costs and volume effects due to higher safety stock (geopolitical tension, preparation for SAP go-live beginning of May and advanced shutdowns)





Operating cash flow burdened by considerable working capital increase due to inflated input costs

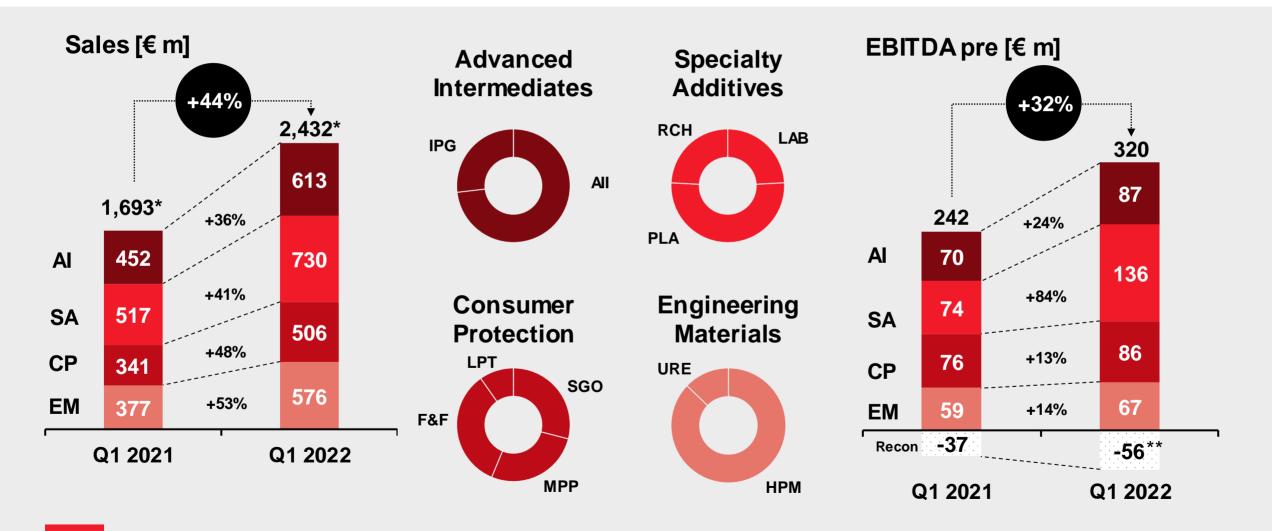


[€ m]	Q1/2021	Q1/2022	Δ
Profit before tax	85	134	49
Income taxes paid	-31	25	56
Changes in other assets and liabilities	-2	26	28
Oper. CF before Δ in W/C*	179	343	164
changes in working capital	-146	-520	-374
Operating cash flow*	33	-177	-210
Investing cash flow*	530	-854	-1,384
thereof capex	-70	-63	7
thereof net invest in money markets	604	-792	-1,396

- Operating cash flow burdened by increase in working capital due to:
 - Higher inventories driven by
 - Massive increase in input costs
 - Build-up of safety stocks due to geopolitical tension and in preparation for SAP go-live in Q2 and advanced shutdowns
- Change in investing cash flow results from investment of bond proceeds and other liquidity in money market products

Q1 2022: Significant sales and EBITDA improvement in all segments





^{*} Total group sales including reconciliation

^{**} Low er result due to remnant costs, hedging and cost inflation

Housekeeping items 2022



Capex 2022
Operational D&A 2022
Reconciliation 2022
Underlying tax rate
Exceptionals 2022
FX sensitivity

~€500 m (excl. IFF MC)

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~€180 m including remnant costs and re-occurring expenses

~28%

~€100 m based on current initiatives

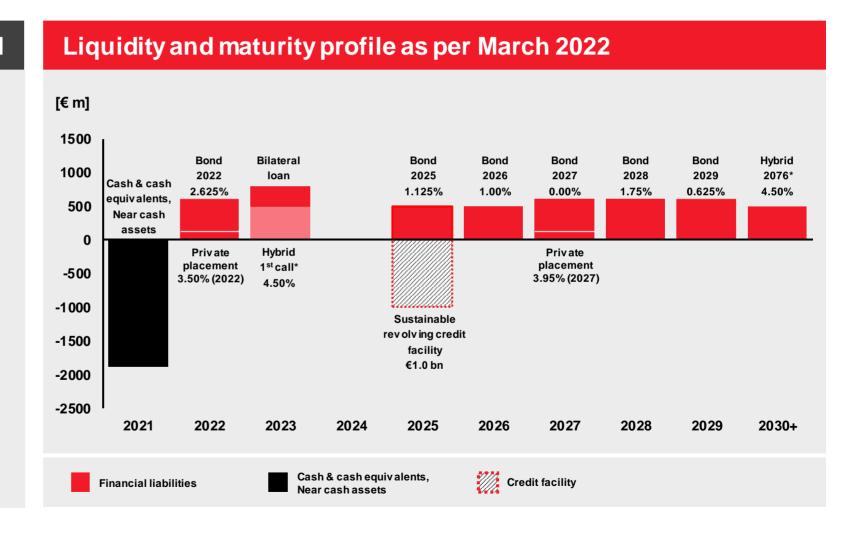
One cent change of USD/EUR resulting in **~€7 m** EBITDA pre impact before hedging

LANXESS 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 ~1.7%
- Maturities in 2022:
 - Private placement in April
 - Bond in November
- All group financing executed without financial covenants



Commitments and Awards

Reflecting high sustainability standards



Commitment and cooperation

















Recognition in ratings and indices

S&P Dow Jones Indices

A Division of S&PGlobal

Member DJSI World and Europe











HPM & DEM: Bringing together two strong global Engineering materials players

LANVECC



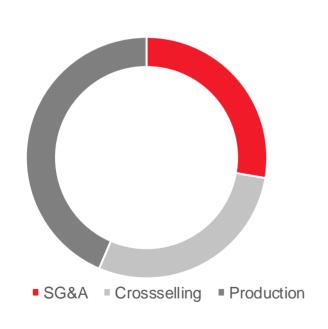
	LANXESS Energizing Chemistry High Performance Materials	DSM Engineering Materials	Combined KPI in JV
Sales	~€1.5 bn	~€1.5 bn	~€3.0 bn
EBITDA pre	~€210 m	~€300 m	€ ~510 m plus synergies
Production sites	10	8	18
R&D centers	7	7	14
Employees	~1,900	~2,100	~4,000

LANXESS to own ≤40% in Joint Venture with combined EBITDA: ~€510 m plus synergies

Combining HPM & DEM offers massive synergy potential



Synergies based on highly complementary businesses



- Portfolio combinations
- Overlap of HPM with DEM Specialty business (Procurement, compounding)
- Cross-Selling
- Optimization of PA6 Polymerization in EMEA

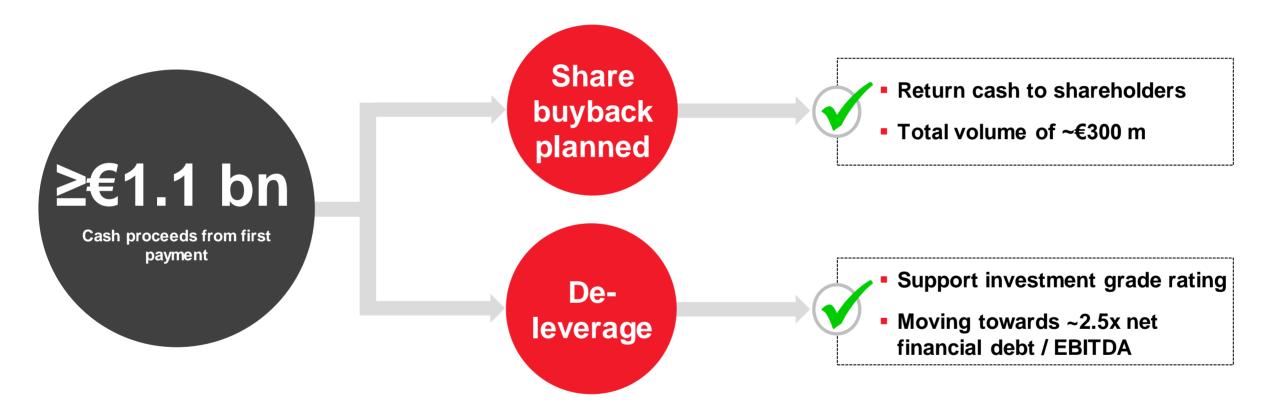




Engineering Materials

Use of proceeds in line with capital markets' interests

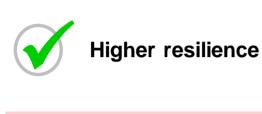




Transaction strengthens balance sheet and creates options for shareholder return

LANXESS profile improves: more resilient, less complex, lower leverage, better ESG footprint





Auto exposure

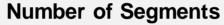




- Exposure to volatile auto industry significantly reduced
- Specialty character increased



Lower complexity







- Clear focus on Specialty Additives and Consumer protection
- Reduced asset base in Europe leads to more balanced global production footprint



Improved financial profile

Leverage* incl. IFF MC





- Proceeds used for leverage reduction
- Moving towards 2.5x net financial debt / EBITDA



Improved sustainability

CO₂ emissions



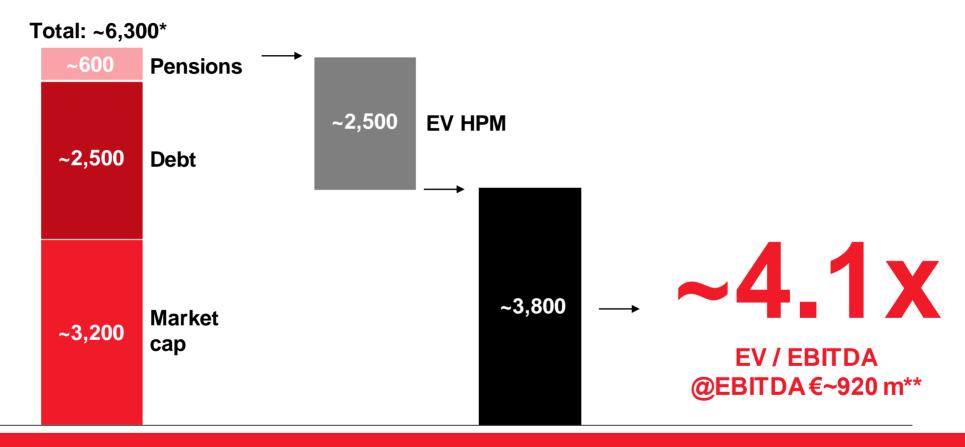


- Engineering materials production is energy and CO₂ intensive (esp. nitrous oxide)
- Transfer of business reduces CO₂ footprint significantly

Comparing valuation pre and post deal points to underappreciated transformation



in € m, illustrative



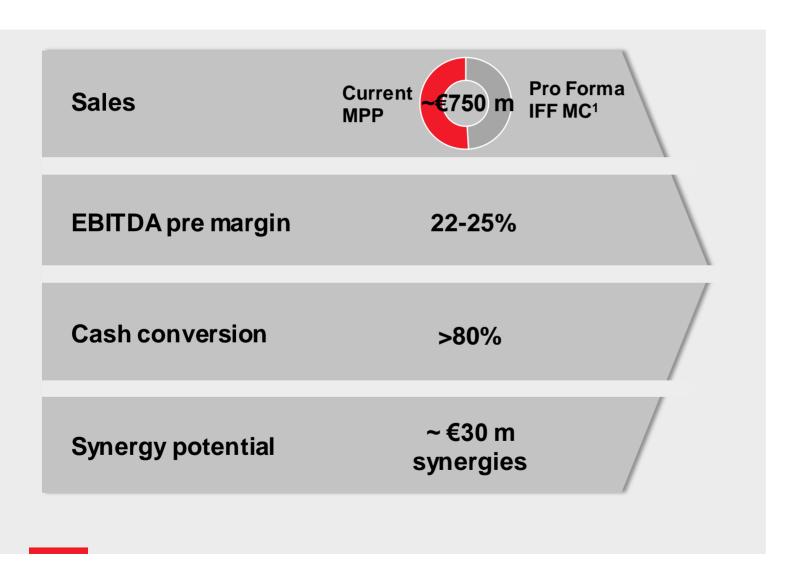
Multiple decreases to only 4.1x EV/ EBITDA after exit from HPM showcases valuation gap

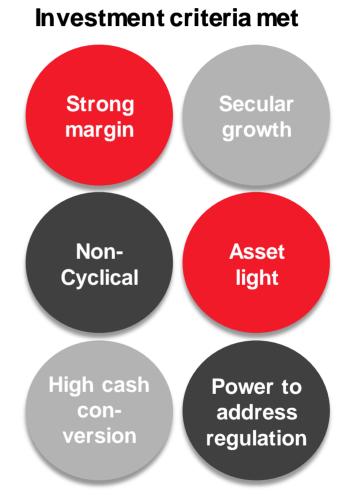
^{*} Excl. IFF MC, pensions netted with deferred tax assets

^{**} Referring to consensus of €1,165m excl. BU HPM and IFF MC

Financials: Enhancing MPP's strong financial profile







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





Top line synergies: ~ €10m

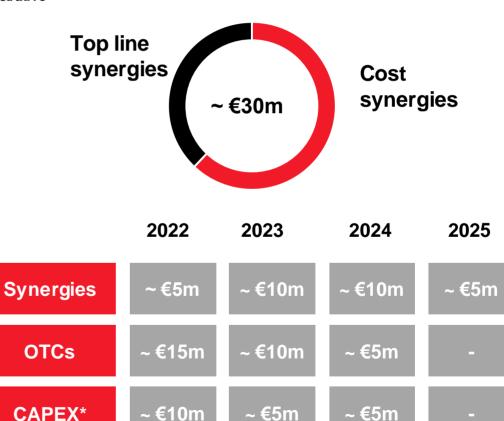
- Complementary geographies and customers
- Cross selling potential
- New applications: energy market and hygiene

Cost synergies: ~ €20m

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

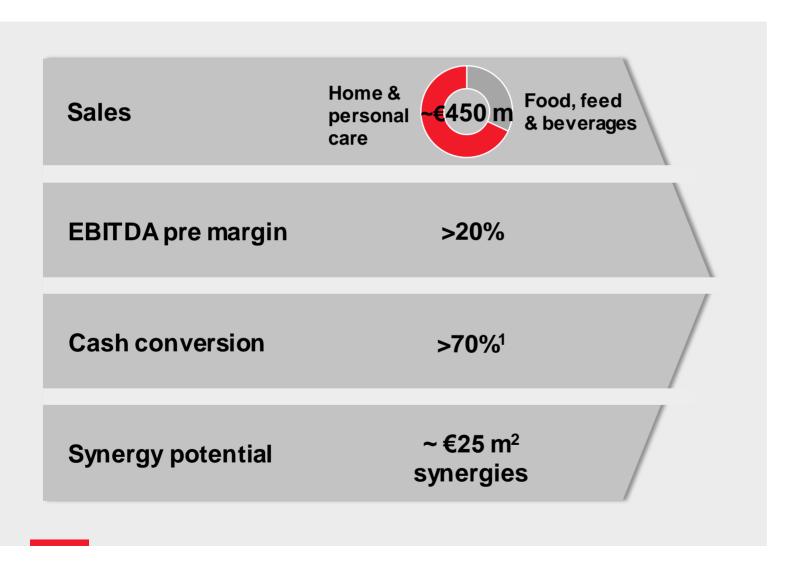
Substantial synergies

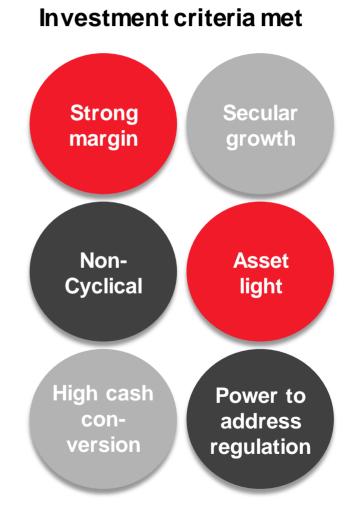
Illustrative



BU F&F Financials: Reflecting specialty character







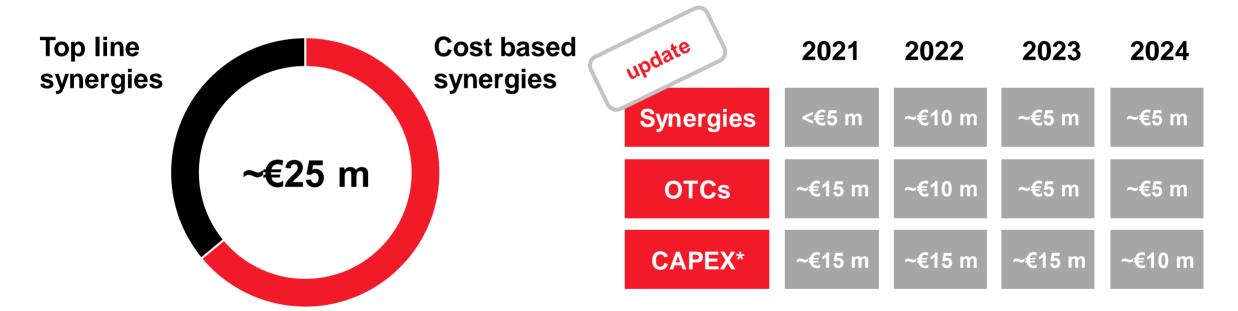
Emerald Kalama Chemical acquisition: Synergies, OTCs and Capex step in earlier than expected



Overview: Synergies structure

Phasing: Synergies, OTCs and CAPEX

Illustrative

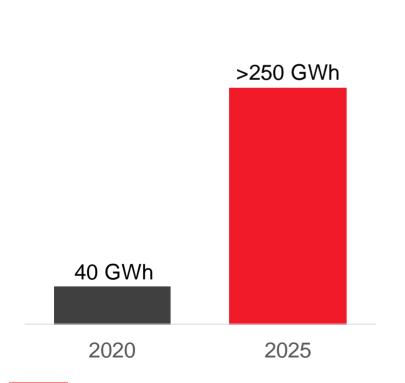


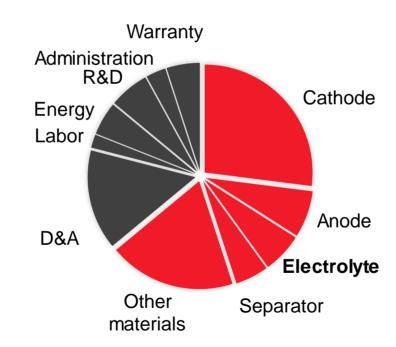
EU market for battery chemicals to grow to over EUR 10 billion by 2025



Massive growth in demand for battery cells in the EU

Chemistry accounts for 2/3 of battery cell costs

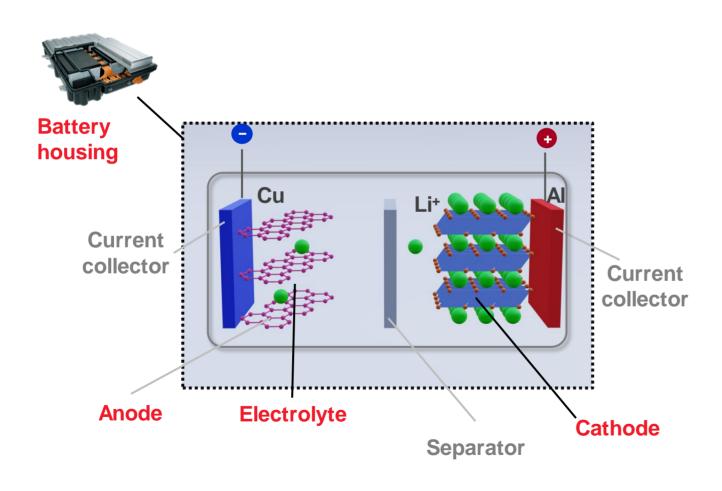






LANXESS offers key products for Li-Ion batteries





Battery housing

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

Electrolyte

- Key materials (Hydrofluoric acid, phosphorus chemicals) for electrolyte salt (LiPF₆) (BU AII/BU PLA)
- Flame retardants (BU PLA)

Cathode & Anode

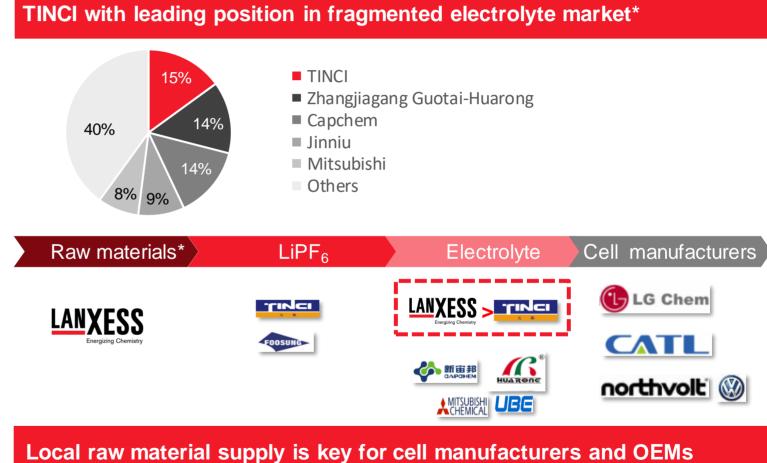
- Iron oxide as precursor for cathode active materials (BU IPG)
- Ion-exchange resins for refining battery grade cobalt, nickel and lithium (BU LPT)
- Lithium chemicals from tail-brine (BU PLA)*

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



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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