



# LANXESS – Q1 2022 results

A strong start into an uncertain year

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# Agenda

- 1 Executive summary Q1 2022**
- 2 Energy costs and price escalation**
- 3 Preparation for potential gas embargo**
- 4 Outlook**

# Q1: 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)



# Strong start into the year, solid liquidity ensured



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

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# 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

Q2 '21

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

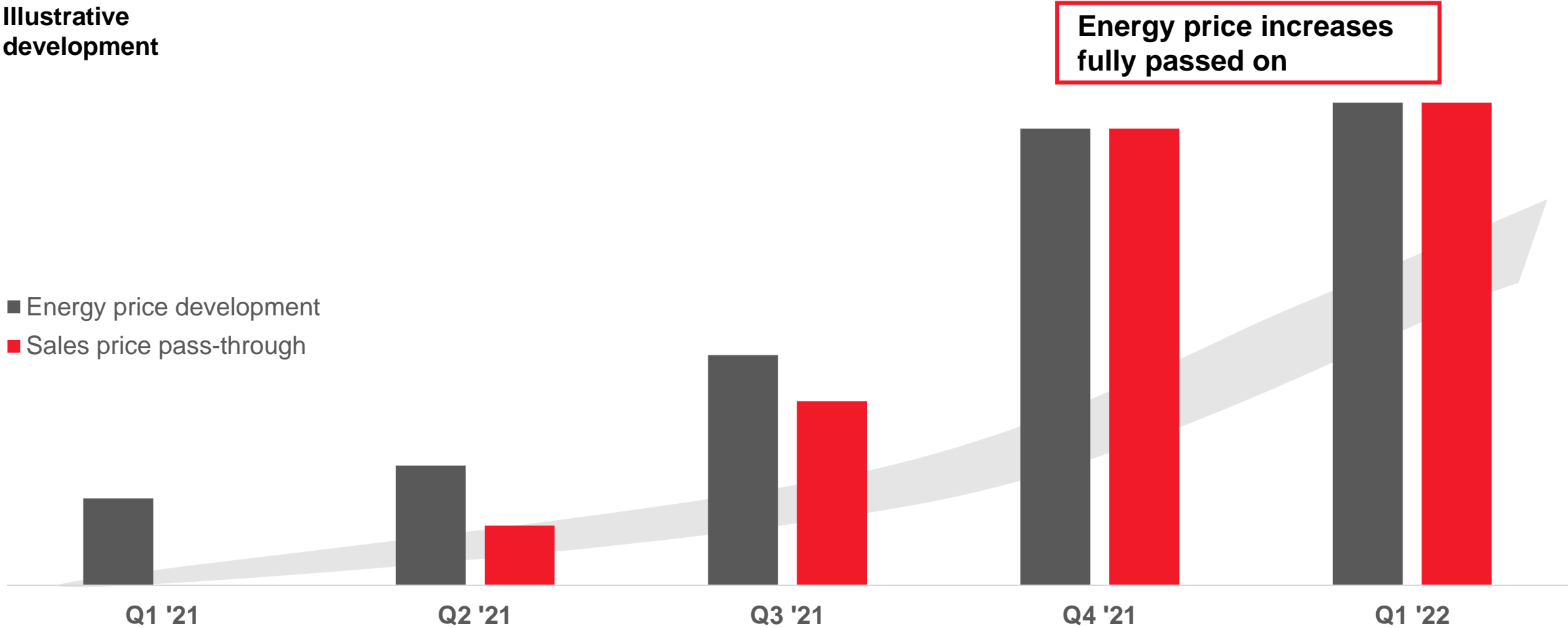
- Start to levy energy surcharges in non-contracted businesses
- Intense negotiations with key customers
- Amend all relevant contracts where legally possible

- 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

Illustrative development



# Agenda

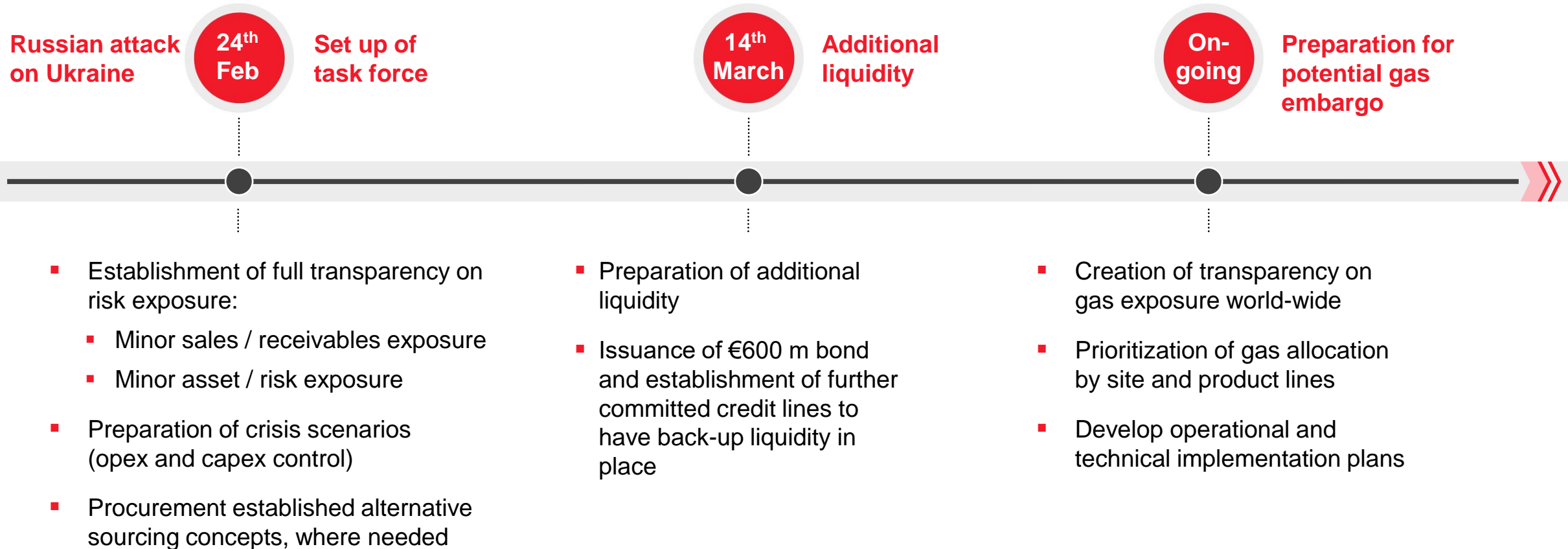
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# LANXESS immediately established task force after start of Russian war on Ukraine



**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
- Embargo of Russian oil: minor issue
- LXS energy costs: only 40% depend on gas in Germany

### Potential consequences:

- ➔ **Electricity:** less critical, 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



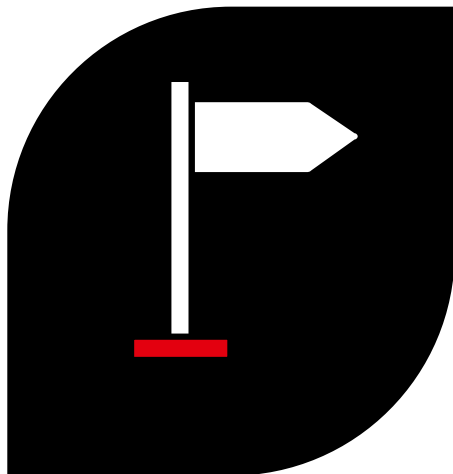
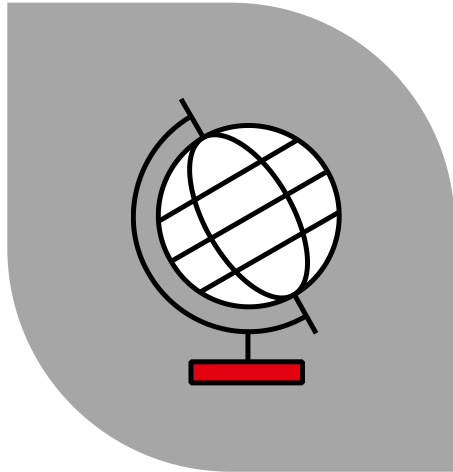
**Estimated direct EBITDA effect: €80-120 m p.a. – indirect effects not quantifiable**

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# 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**

**LANXESS**  
Energizing Chemistry

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

Raw material and energy price increases passed through

Price **+31%** Volume **+1%** FX **+4%** Portfolio **+8%**

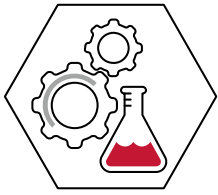
Total **+44%**

Q1 Sales vs. PY

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



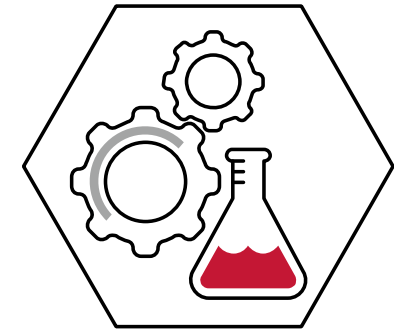
- Substantially higher sales in all segments again due to successful pass-through of higher raw material and energy prices, support from portfolio effect and FX
- Significant EBITDA pre rise due to good operating performance in all segments and contribution from acquired businesses, partly offset by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



# Advanced Intermediates: Ongoing strong price increases

**Higher raw material and energy prices successfully passed on**

[€ m]	Q1/2021	Q1/2022	Δ
Sales	452	613	36%
EBITDA pre	70	87	24%
Margin	15.5%	14.2%	
CAPEX	20	18	-10%

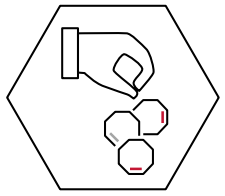


Price	Volume	FX	Portfolio
<b>+36%</b>	<b>-3%</b>	<b>+3%</b>	<b>0%</b>

**Total +36%**

**Q1 Sales vs. PY**

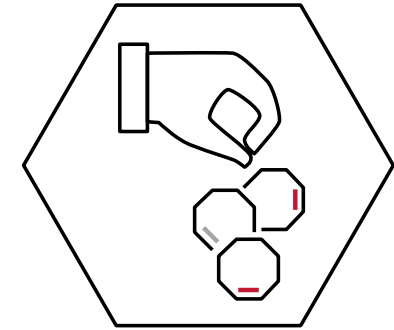
- Considerable sales increase due to significantly higher prices based on successful raw material and energy price pass-through in both BUs
- Volumes compare with a very strong previous year
- Catch-up effect: Improved EBITDA pre driven by raw material and energy price pass-through with time lag
- Margin diluted arithmetically



# Specialty Additives: Strong rebound

**All BUs with considerable earnings growth**

[€ m]	Q1/2021	Q1/2022	Δ
Sales	517	730	41%
EBITDA pre	74	136	84%
Margin	14.3%	18.6%	
CAPEX	16	13	-19%



Price	Volume	FX	Portfolio
<b>+22%</b>	<b>+10%</b>	<b>+6%</b>	<b>+3%</b>

**Total +41%**

Q1 Sales vs. PY

- Improved sales driven by catch-up on pricing and strong volume growth in BU PLA and BU LAB
- Ongoing recovery in aviation and oil & gas
- EBITDA pre and margin boosted by pricing and volumes compared to burdened previous year (US blizzard) and catch-up after weak Q4



# Consumer Protection: Soft start into the year

**Acquired businesses contribute as expected**

Price **+18%** Volume **-4%** FX **+2%** Portfolio **+32%**

Total **+48%**

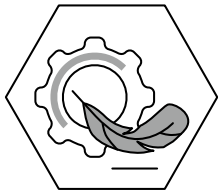
Q1 Sales vs. PY

[€ m]	Q1/2021	Q1/2022	Δ
Sales	341	506	48%
EBITDA pre	76	86	13%
Margin	22.3%	17.0%	
CAPEX	14	23	64%



- Significant sales increase due to new BU F&F and successful pricing
- EBITDA pre of BU SGO still lagging behind on energy price pass-through and still burdened from CURRENTA waste management outage
- Margin additionally diluted by arithmetic effect of pass-through of input cost increases





# Engineering Materials: Solid earnings development, environment getting tougher

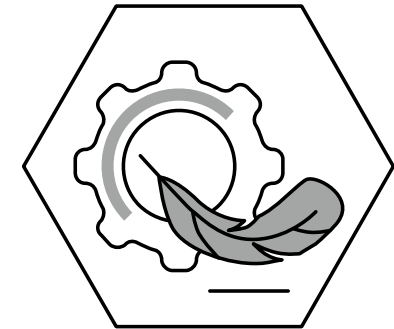
## Continued strong pricing

Price	Volume	FX	Portfolio
<b>+49%</b>	<b>-1%</b>	<b>+5%</b>	<b>0%</b>

Total **+53%**

Q1 Sales vs. PY

[€ m]	Q1/2021	Q1/2022	Δ
Sales	377	576	53%
EBITDA pre	59	67	14%
Margin	15.6%	11.6%	
CAPEX	10	5	-50%



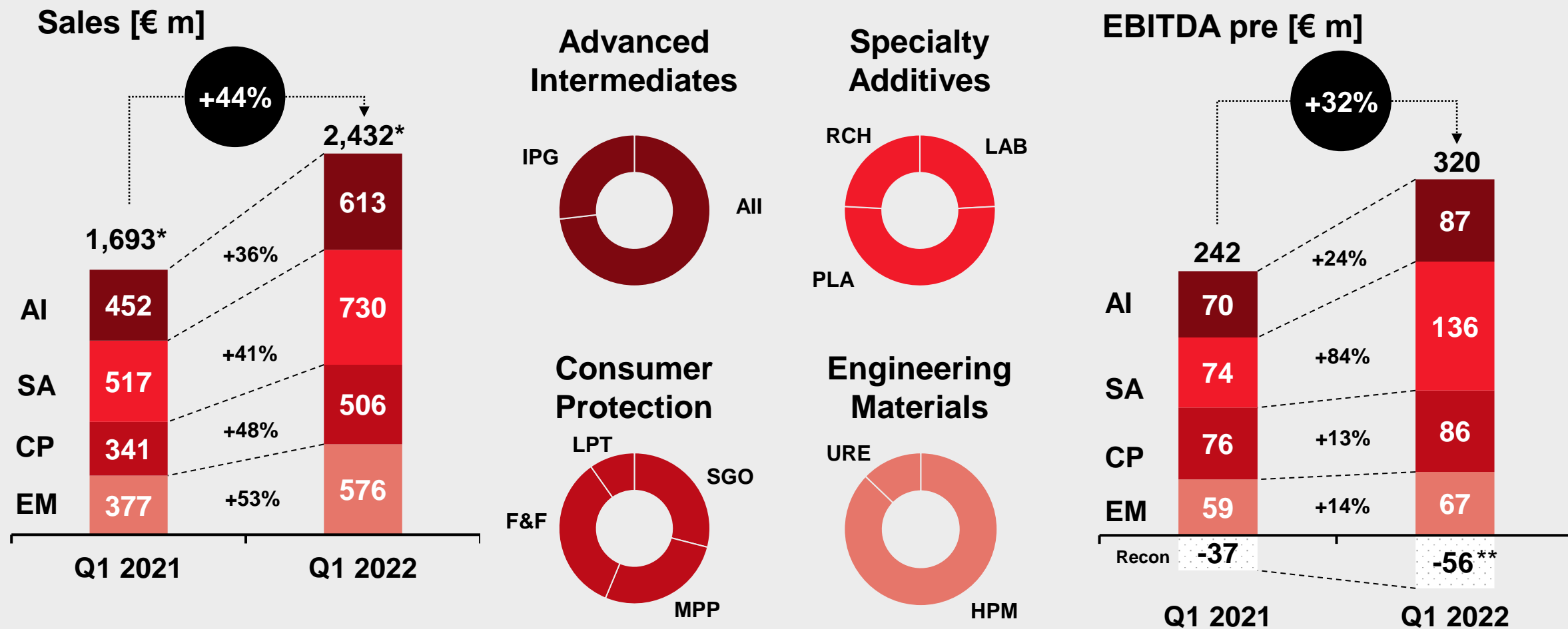
- Sales boost driven by successful raw material and energy price pass-through and FX
- Impact from semiconductor shortage and China lockdowns start to become visible on automotive production
- Increased EBITDA pre due to successful pricing
- Margin lower due to arithmetic effect

# P&L Q1: Strong start into the year – double-digit growth in all segments

[€ m]	Q1/2021		Q1/2022		yoy in %
Sales	1,693	(100%)	2,432	(100%)	44%
Cost of sales	-1,266	(-75%)	-1,865	(-77%)	47%
Selling	-208	(-12%)	-275	(-11%)	32%
G&A	-73	(-4%)	-78	(-3%)	7%
R&D	-27	(-2%)	-29	(-1%)	7%
<b>EBIT</b>	<b>98</b>	<b>(6%)</b>	<b>156</b>	<b>(6%)</b>	<b>59%</b>
<b>Net Income*</b>	<b>63</b>	<b>(4%)</b>	<b>98</b>	<b>(4%)</b>	<b>56%</b>
<b>EPS pre*</b>	<b>1.17</b>		<b>1.63</b>		<b>39%</b>
EBITDA	215	(13%)	295	(12%)	37%
thereof except.	-27	(-2%)	-25	(-1%)	-7%
<b>EBITDA pre except.</b>	<b>242</b>	<b>(14.3%)</b>	<b>320</b>	<b>(13.2%)</b>	<b>32%</b>

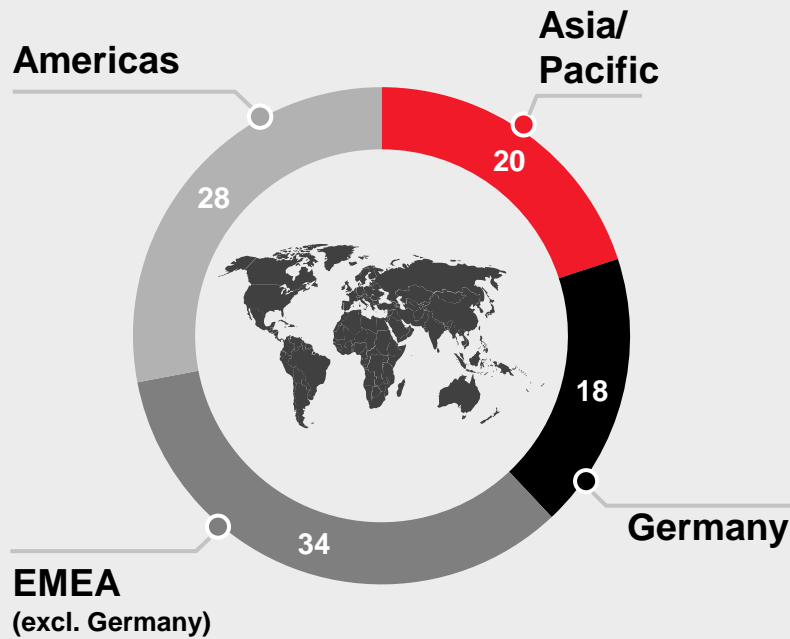
- Successful pass-through of massively increased input costs. Margin, however, impacted by arithmetic effect
- Rising selling expenses result from ongoing logistical constraints and portfolio effect
- Slight increase in G&A due to portfolio effect

# Q1 2022: Significant sales and EBITDA improvement in all segments

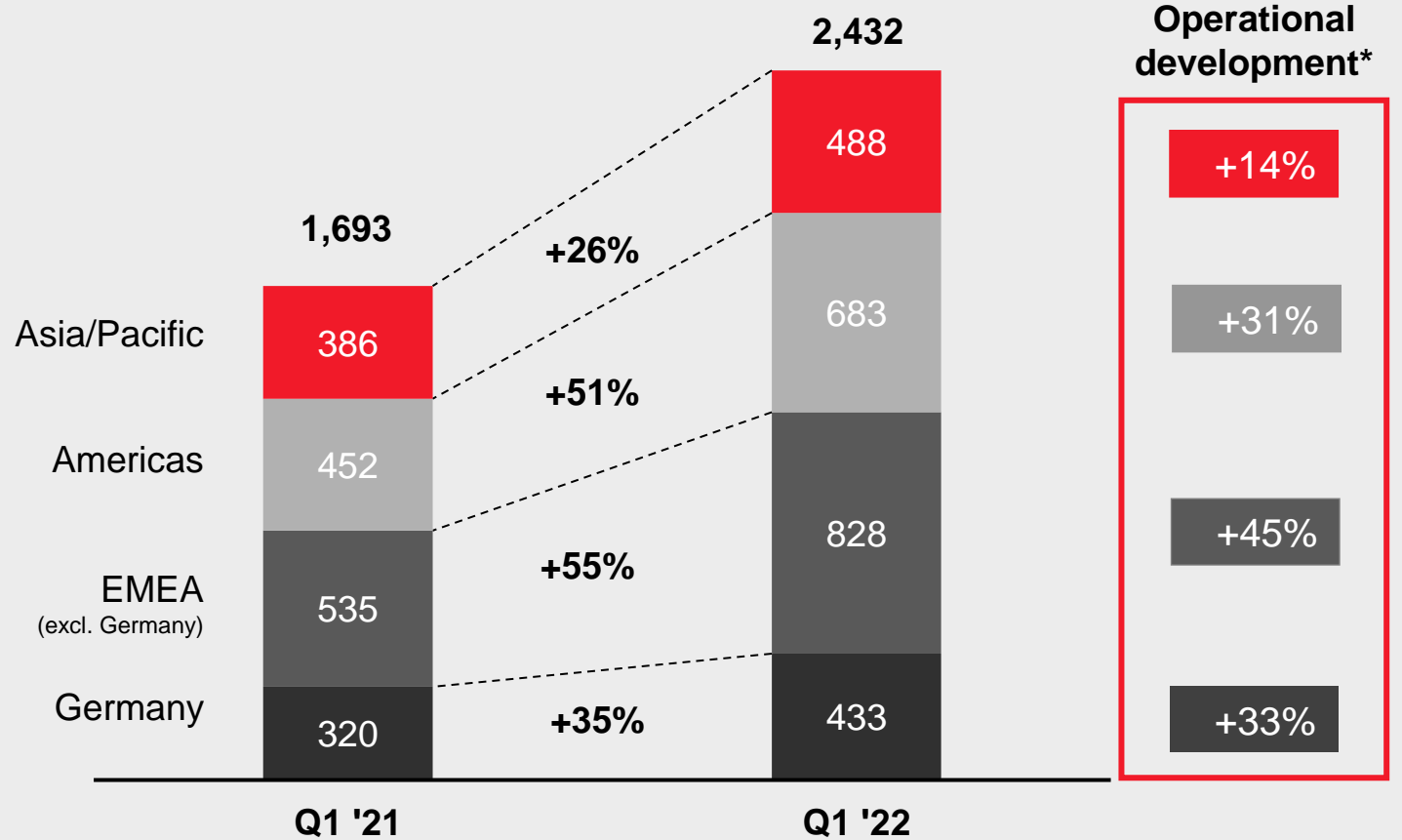


# Q1 2022: Strong price-driven growth in all regions

Q1 2022 sales by region [%]



Regional development of sales [€ m]



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

[€ m]	Q1/2021	Q1/2022	Δ
<b>Profit before tax</b>	<b>85</b>	<b>134</b>	<b>49</b>
Income taxes paid	-31	25	56
Changes in other assets and liabilities	-2	26	28
<b>Oper. CF before Δ in W/C*</b>	<b>179</b>	<b>343</b>	<b>164</b>
changes in working capital	-146	-520	-374
<b>Operating cash flow*</b>	<b>33</b>	<b>-177</b>	<b>-210</b>
<b>Investing cash flow*</b>	<b>530</b>	<b>-854</b>	<b>-1,384</b>
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

# Solid liquidity secures flexibility in uncertain times

<b>[€ m]</b>	<b>31.12.2021</b>	<b>31.03.2022</b>
<b>Total assets</b>	<b>10,518</b>	<b>11,720</b>
Equity	3,762	4,074
<b>Equity ratio</b>	<b>36%</b>	<b>35%</b>
<b>Net financial debt*</b>	<b>2,245</b>	<b>2,501</b>
Liquidity*	1,234	1,885
<b>Pension provisions</b>	<b>877</b>	<b>748</b>
<b>Net working capital</b>	<b>1,675</b>	<b>2,222</b>
DSI (in days)**	71	70
DSO (in days)***	45	49

- Increase in total assets driven by higher working capital and strengthened liquidity position
- Higher equity reflects positive net income and OCI effects (mainly FX and pensions)
- Strongly inflated input prices drive inventories and receivables, leading to higher financial debt
- €600 m bond issue and €300 m bilateral loan improve liquidity
- Reduced pension provisions due to interest rate increases

\* Including cash, cash equivalents, near cash assets, short-term money market investments

\*\* Days sales of inventory calculated from quarterly sales

\*\*\* Days of sales outstanding calculated from quarterly sales



# Housekeeping items 2022

<b>Capex 2022</b>	<b>~€500 m</b> (excl. IFF MC)
<b>Operational D&amp;A 2022</b>	<b>~€550 m</b> (excl. IFF MC)
<b>Reconciliation 2022</b>	<b>~€180 m</b> including remnant costs and re-occurring expenses
<b>Underlying tax rate</b>	<b>~28%</b>
<b>Exceptionals 2022</b>	<b>~€100 m</b> based on current initiatives
<b>FX sensitivity</b>	One cent change of USD/EUR resulting in <b>~€7 m</b> EBITDA pre impact before hedging

# Exceptional items (on EBIT) slightly below previous year level

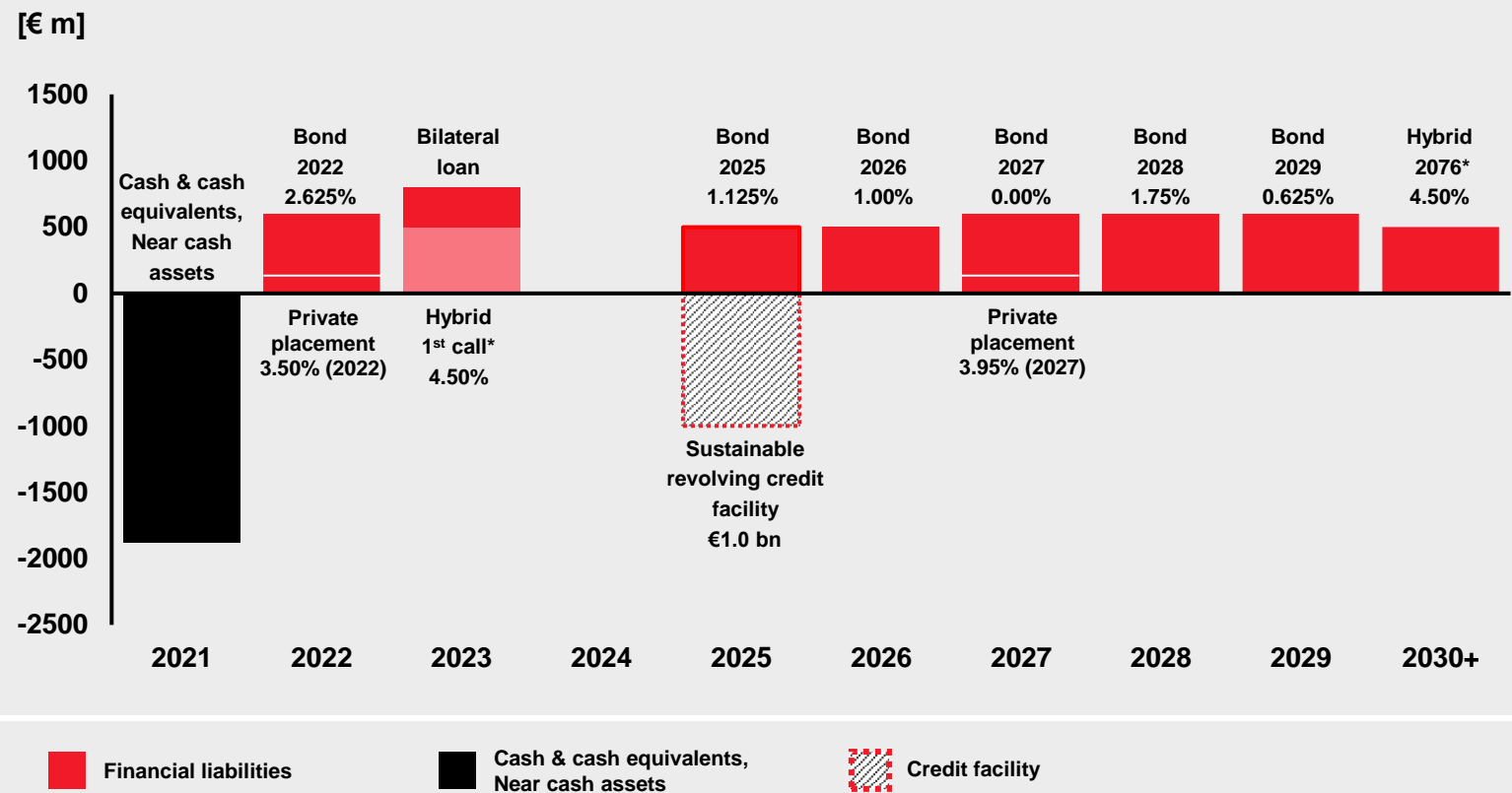
[€ m]	Q1/2021		Q1/2022		Comments
	Excep.	Thereof D&A	Excep.	Thereof D&A	
Strategic Realignment & Restructuring	2	0	1	0	incl. Emerald Kalama Chemical integration
M&A, Digitalization (incl. Chemondis) and Others	18	0	11	1	incl. organic leather, membrane, chrome mine divestments; Emerald Kalama Chemical, IFF MC, Theseo, INTACE acquisitions
Strategic IT projects	7	0	14	0	incl. SAP Hana Project
<b>Total</b>	<b>27</b>	<b>0</b>	<b>26</b>	<b>1</b>	

# LANXESS maturity profile actively managed and well balanced

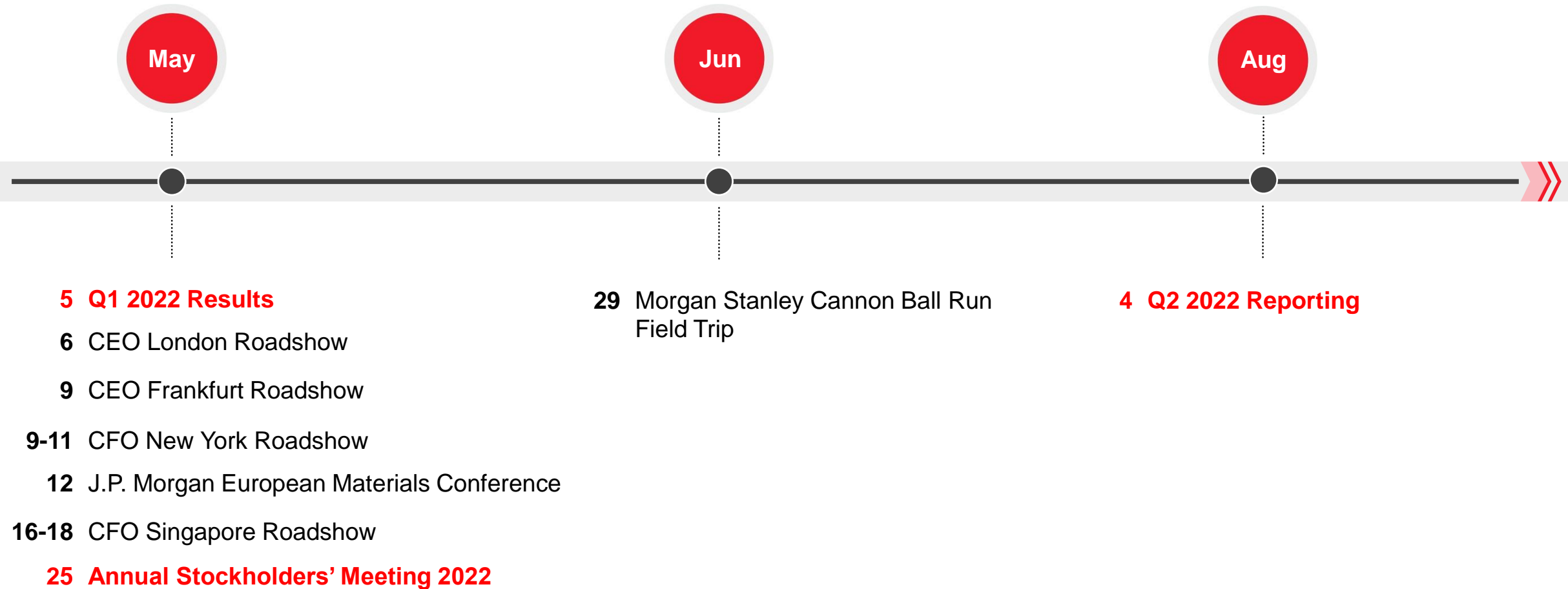
## Long-term financing secured

- 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

## Liquidity and maturity profile as per March 2022



# Upcoming events 2022 - Proactive capital market communication



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# Abbreviations



## Advanced Intermediates

<b>AI</b>	Advanced Industrial Intermediates
<b>IPG</b>	Inorganic Pigments



## Consumer Protection

<b>F&amp;F</b>	Flavors & Fragrances
<b>LPT</b>	Liquid Purification Technologies
<b>MPP</b>	Material Protection Products
<b>SGO</b>	Saltigo



## Specialty Additives

<b>LAB</b>	Lubricant Additives Business
<b>PLA</b>	Polymer Additives
<b>RCH</b>	Rhein Chemie



## Engineering Materials

<b>HPM</b>	High Performance Materials
<b>URE</b>	Urethane Systems