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K+S Aktiengesellschaft

Eigenkapitalforum 2021

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K+S at a Glance 2019

K+S Group financials 2019

Revenues
€ 4.07 billion

EBITDA
€ 640 million

EBITDA-Margin
16%

Earnings after taxes, adj.
€ 78 million

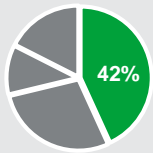
OU Europe+: Revenues: € 2.54 billion; EBITDA: € 437 million; Margin: 17%

OU Americas: € 1.53 billion; EBITDA: € 230 million; Margin: 15%

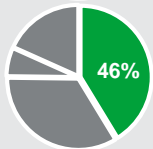
Customer Segments



Agriculture



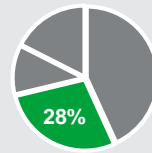
Revenues
€ 1.72 billion



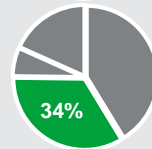
EBITDA
€ 295 million
Margin 17%



Industry



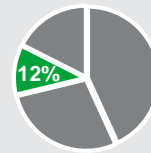
Revenues
€ 1.15 billion



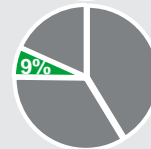
EBITDA
€ 218 million
Margin 19%



Consumers



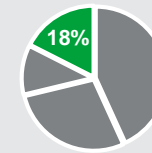
Revenues
€ 0.48 billion



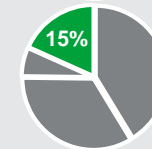
EBITDA
€ 60 million
Margin 12%



Communities



Revenues
€ 0.72 billion



EBITDA
€ 94 million
Margin 13%

Rapid Debt Reduction and Value Generation



Sale of the Americas operating unit

- Closing completed on April 30
- Net proceeds ~ €2.6 billion
- Book gain ~ €742 million

Financial debt reduced significantly by ~ €1.7 billion

- > €1 billion credit facilities, promissory notes, commercial papers
- Successful buy-back of bonds ~ €560 million
- KfW facility terminated (has never been drawn)

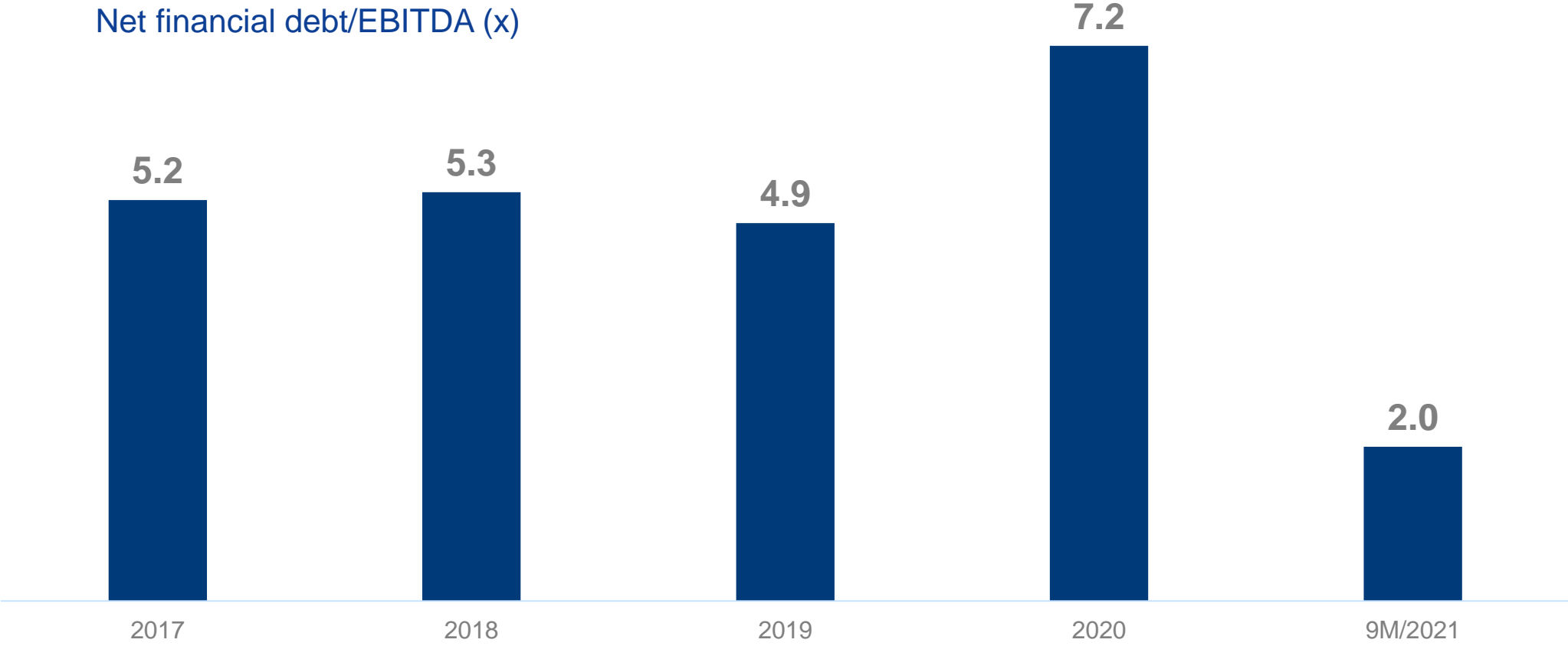
Balance Sheet streamlined

- Net Financial Debt / EBITDA 2.0x
- Equity Ratio ~ 48%

Balance sheet streamlined

Indebtedness

Net financial debt/EBITDA (x)



K+S at a Glance today

K+S Group financials 9M/2021– continuing operations

Revenues
€2.144 million

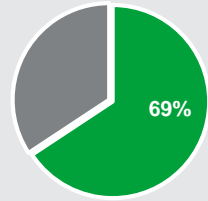
EBITDA
€358 million

EBITDA-Margin
16.7%

Adjusted Free cash flow
€-152 million

Customer Segments

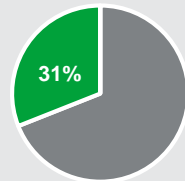
Agriculture



Revenues
€1.471 million

- Potassium chloride (MOP)
- Fertilizer specialties

Industry+

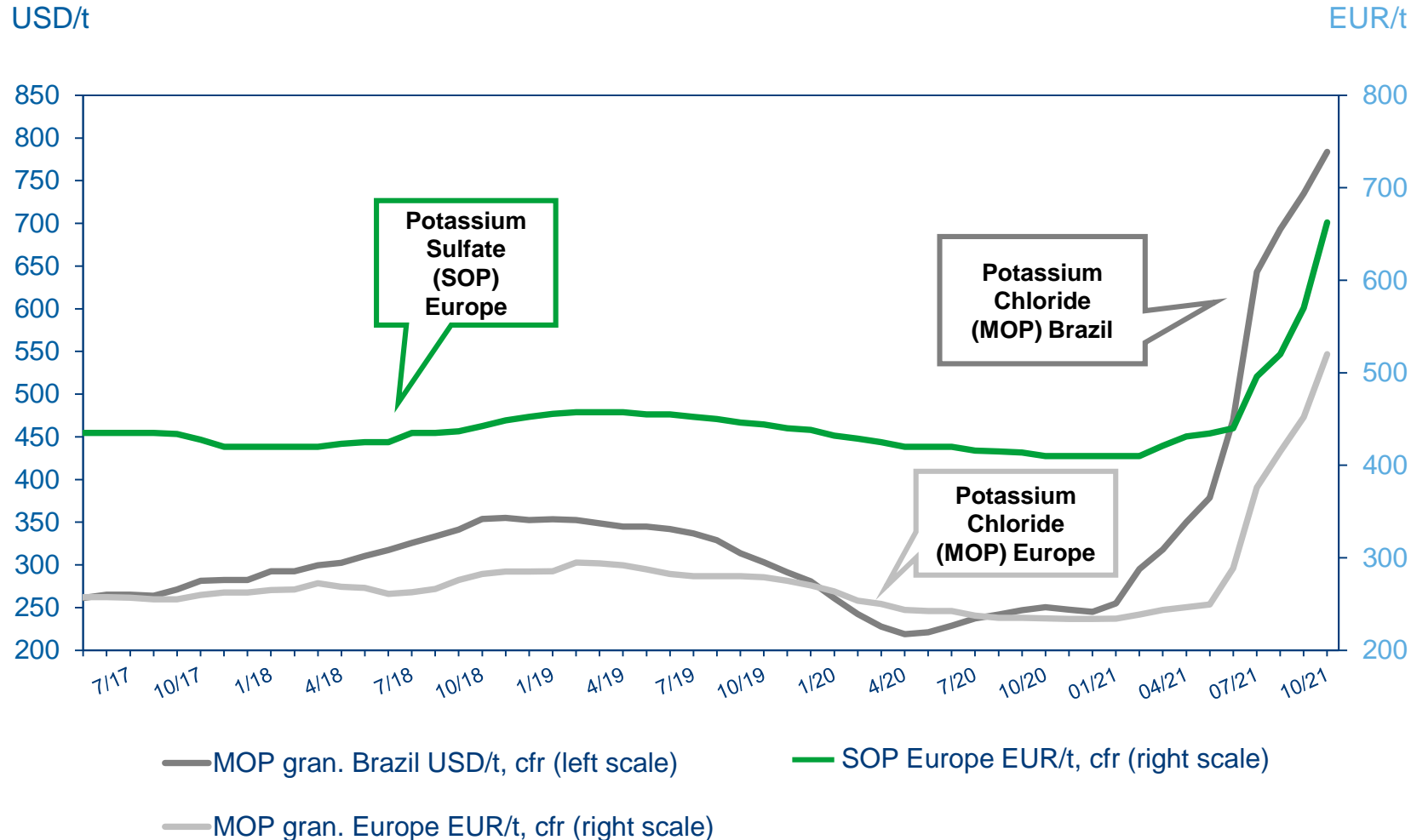


Revenues
€672 million

- Industry**
 - Chemical
 - Pharma
 - Food
 - Animal nutrition
 - Oil and gas
 - Water softening
 - other industrial products

Consumer
Communities

Agriculture customer segment in Q3/21



Q3/2021

- Price hike in Brazil continued on the back of very strong demand
- Concerns about supply due to US sanctions against Belarus
- Positively influenced European and specialty market

Outlook 2021

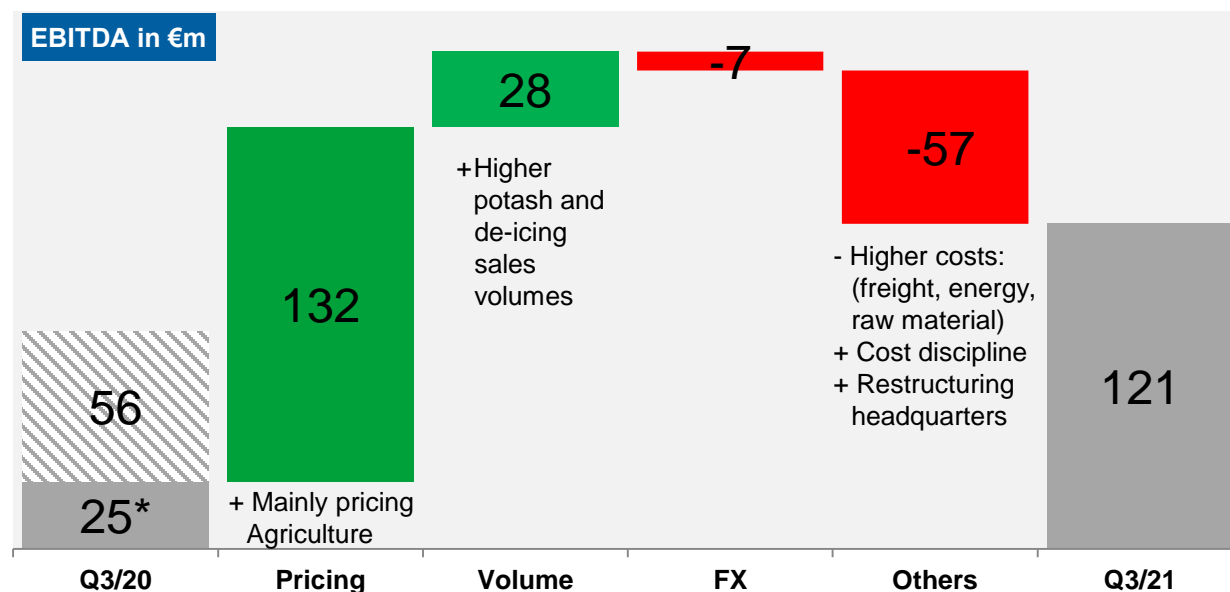
- World potash sales incl. 5 mt specialties meanwhile expected slightly above last year's record level (2020: about 76 mt), further growth limited by supply
- FY ASP expected tangibly higher than 9M/21

Source: FMB Argus Potash

Q3/21 EBITDA more than quadrupled YoY

Highlights

- Q3/21 **EBITDA** increased to €121m (Q3/20: €25m, excluding positive non-cash, one-off effect of € 56 million)
- COVID-19**: Minor efficiency losses on the previous year's Q3 level
- Adj. net profit** positive at €1.285m (Q3/20: €-1,757m); thereof €1,420m (Q3/20: €-1,792m) related to value fluctuations in PPE



Financials (continuing operations)

€ million	Q3/2020	Q3/2021	%
Revenues	566	746	+32
<i>t/o Agriculture</i>	373	529	+42
<i>t/o Industry+</i>	193	217	+12
D&A	87	74	-15
EBITDA	25*	121	+384
Adj. net profit	-1,757	1,285	-
<i>t/o reversal of impairment losses on assets</i>	-1,792	1,420	-
Adj. EPS (€)	-9.18	6.71	-
<i>t/o reversal of impairment losses on assets</i>	-9.35	7.42	-
Operating cash flow	58	14	-24
Adj. FCF	-42	-69	-64
Capex	114	88	-23
NFD/EBITDA (LTM)*	5.7x	2.0x	-

REKS antitrust clearance procedure ongoing



- We continue to expect an approval can be granted.
- Transaction in 2021 still possible.
- But the review might also take longer.
- Therefore, 2021 outlook now only based on operating business:

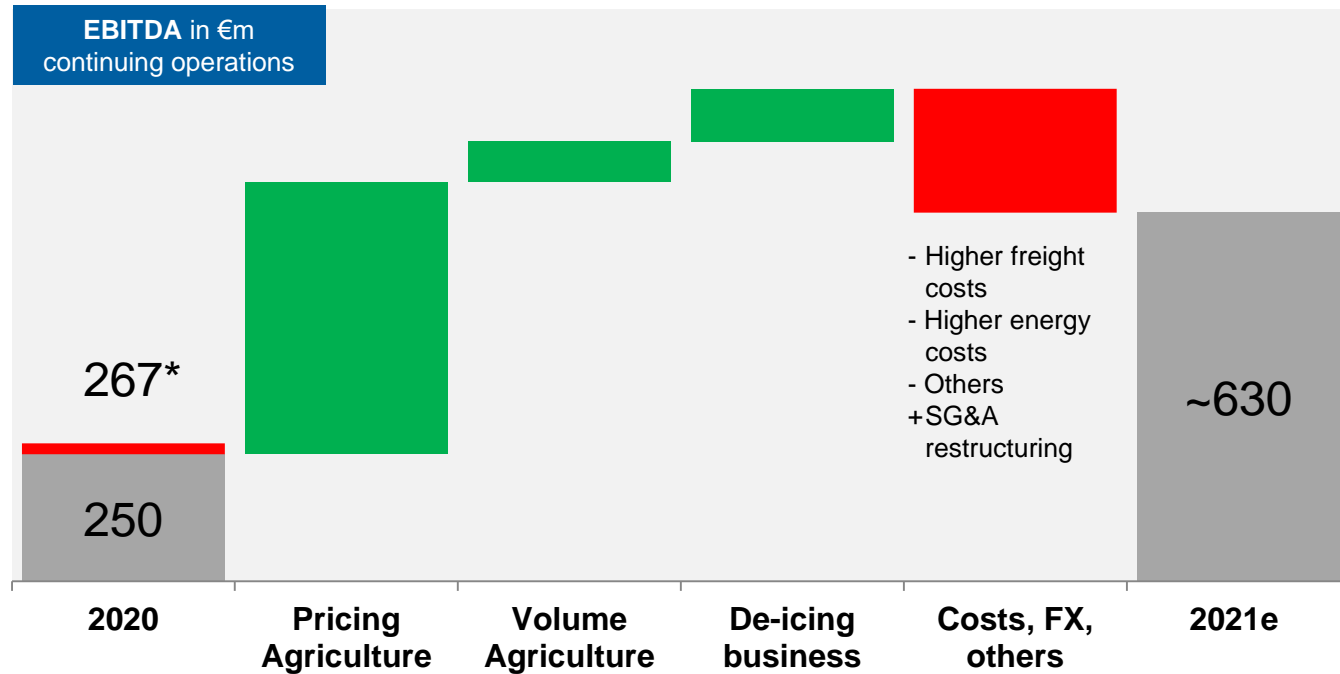
EBITDA 2021

- We increase our expectation to €630 million (previous guidance: €500 to 600 million excluding REKS transaction).

FCF 2021

- We increase our expectation to a neutral free cash flow (previous guidance: €-180 million excluding REKS transaction).

2021 EBITDA outlook raised to €630 million

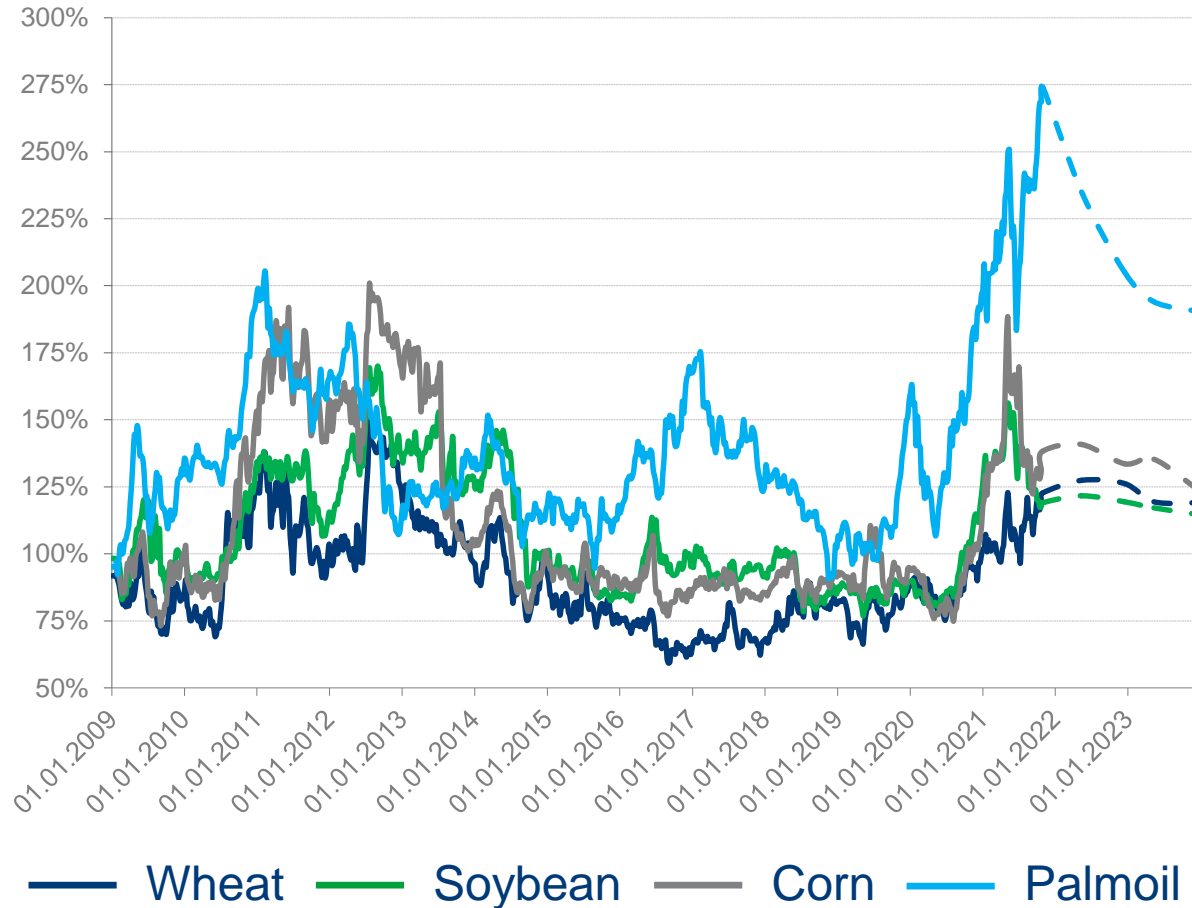


- Significantly higher average price in Agriculture product portfolio
- Sales volume in the Agriculture customer segment expected to be >7.5 million tonnes (2020: 7.3 million tonnes)
- Sales volumes in de-icing salt business: >2.6 million tonnes expected (2020: 0.9 million tonnes; normal year: 2-2.5 million tonnes)

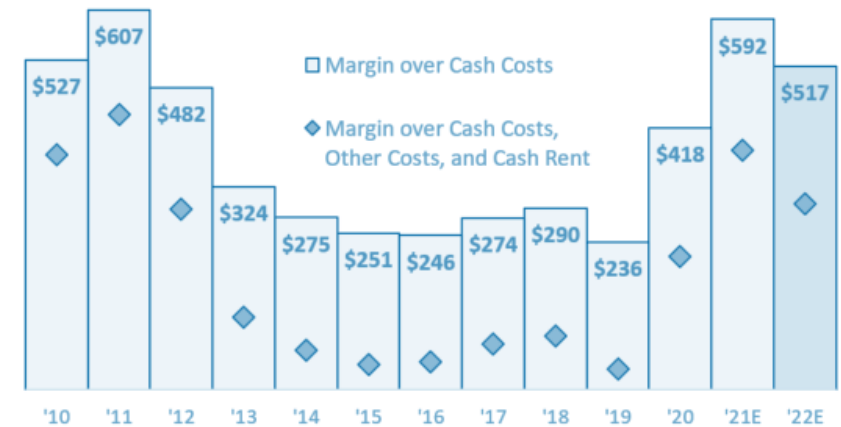
FCF including cash-in from sale of the OU Americas expected significantly above €2 billion; excluding this, FCF now expected neutral in 2021 (2020: €-109.9 million)

Affordability concerns? Farm economics still attractive!

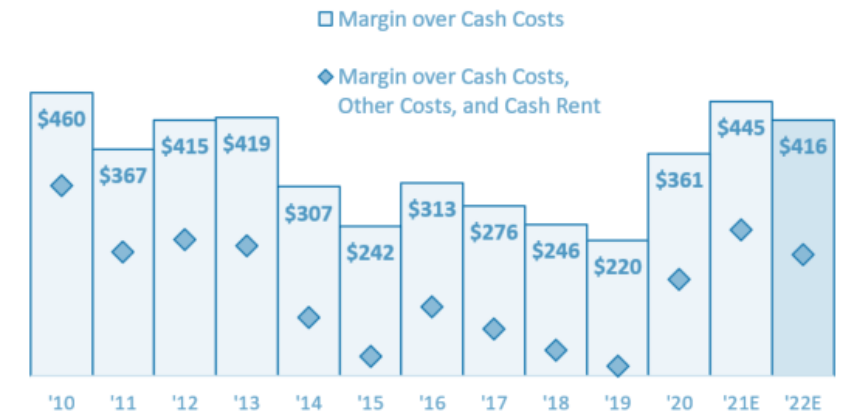
Futures, indexed, Bloomberg, as of 4 November 2021



U.S. Corn Farmer Profitability Outlook per acre*



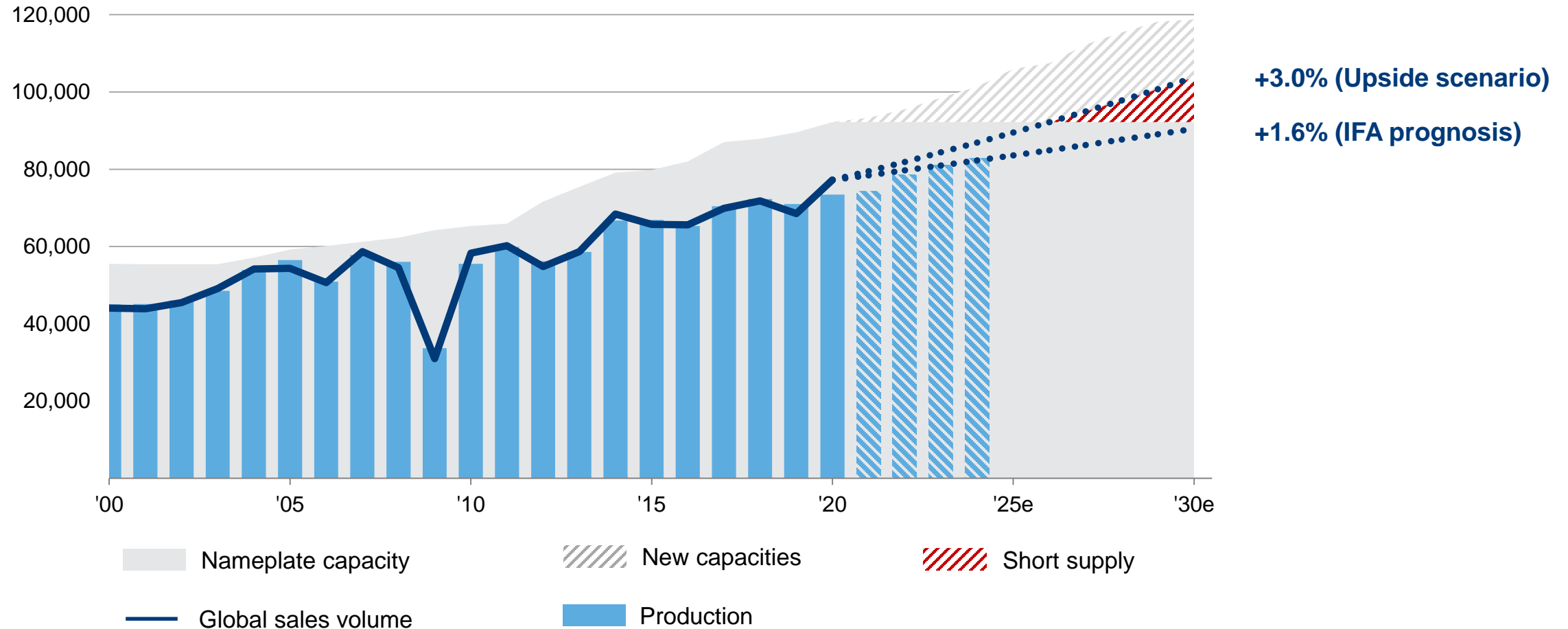
U.S. Soybean Farmer Profitability Outlook per acre*



→ While farmer profitability is expected to decline in 2022 after the post-record level of 2021, mainly due to higher input costs, it should still be at an attractive level compared to recent years.

New potash capacities necessary to meet rising demand

thousand tonnes



Sneak preview 2022

- **EBITDA of €1 billion* in reach**
- **Significantly positive FCF**

Cost inflation included:

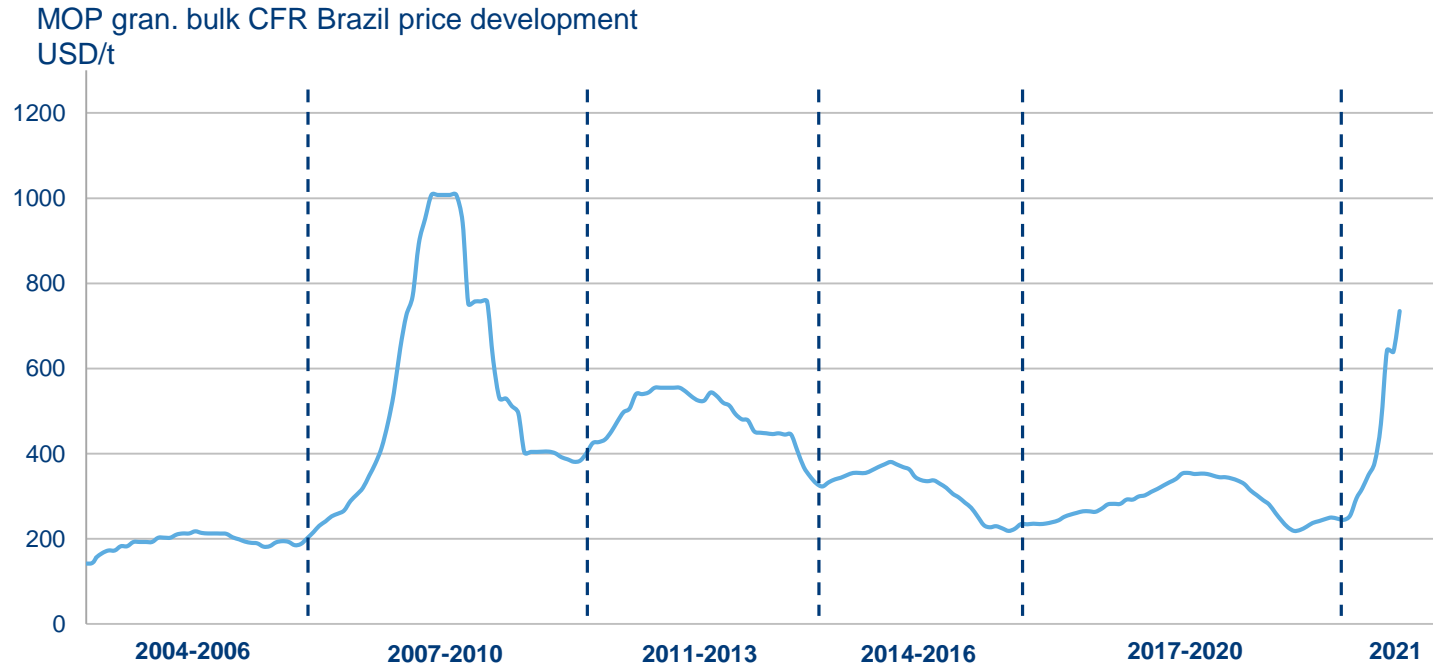
- freight rates, especially containers
- gas prices/energy costs
- price of raw materials, e.g. for pallets, packaging or maintenance material, also influencing capex
- personnel costs

Full reversal of impairment loss - FREP proceedings ongoing



- **Full reversal of last year's impairment loss**
- Write-up results from significantly more optimistic expectations for the potash business and the price development related to this
- Valuation of the Potash and Magnesium Products CGU subject of the examination of the 2019 and H1/2020 financial statements by the Financial Reporting Enforcement Panel (FREP – DPR)
- **Preliminary examination findings received from FREP**
- **Following its own comprehensive review and the involvement of external advisors, K+S considers these to be unfounded.**
- K+S therefore commented in detail on the preliminary examination findings in writing and provided the DPR with an expert opinion by renowned IFRS experts.
- On November 2, 2021, the Company explained its differing opinions to the DPR in a so-called company meeting.
- As proceedings are still ongoing, no further information can be provided on the facts of the case

Strategic financial targets



1. ROCE

above cost of capital through the cycle
(WACC 2020: 9.4%)

2. EBITDA margin

at minimum 20% through the cycle

3. Free cash flow

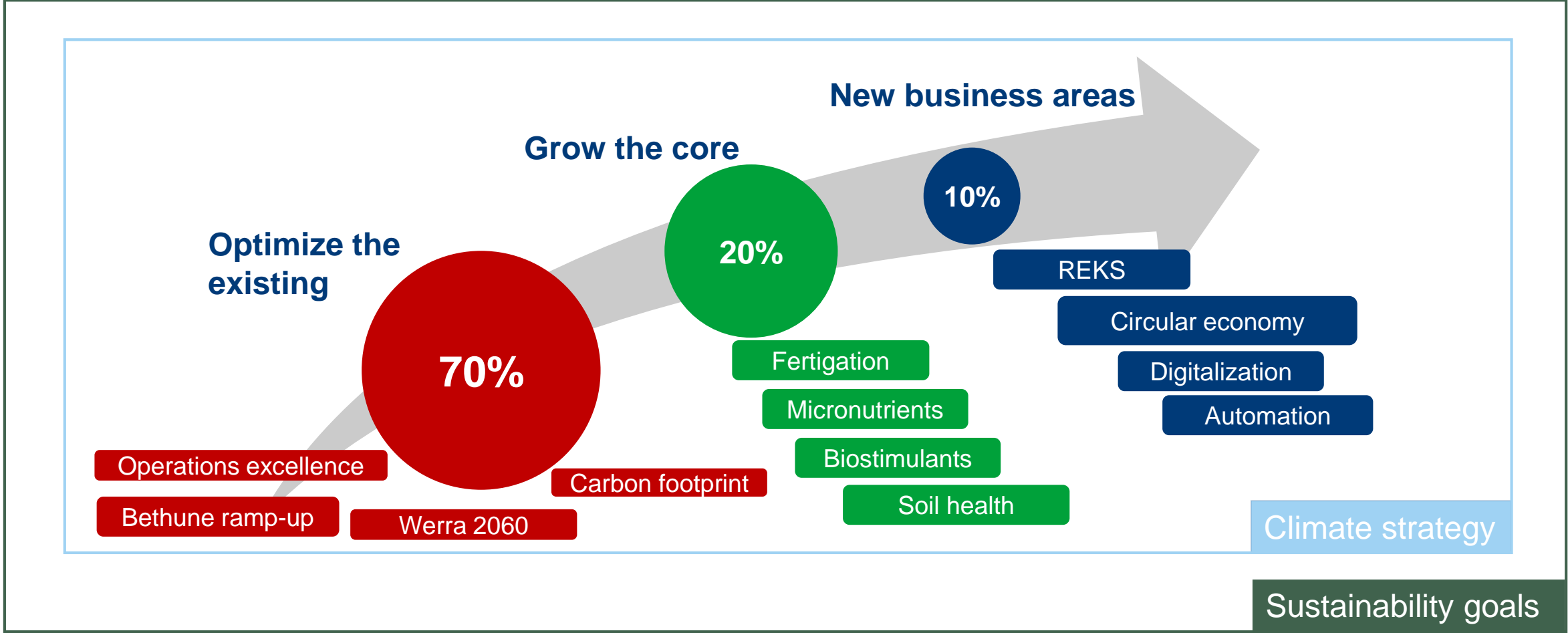
positive free cash flow even with temporarily low potash prices and green winters as of 2023

Key figures through cycles in the past:

Ø ROCE (%)	18.5	27.4	20.1	9.4	2.7
Ø WACC (%)	6.5	10.1	8.5	8.3	8.7
Δ ROCE-WACC	12.0	17.3	11.6	1.1	-6.0
Ø EBITDA margin (%)	13.6	18.6	26.0	21.2	14.7
Ø FCF adj. (million €)	-51	231	155	-573	-125

Base for the financial targets is a solid balance sheet / solid leverage ratio

Guiding principles of strategy and management focus



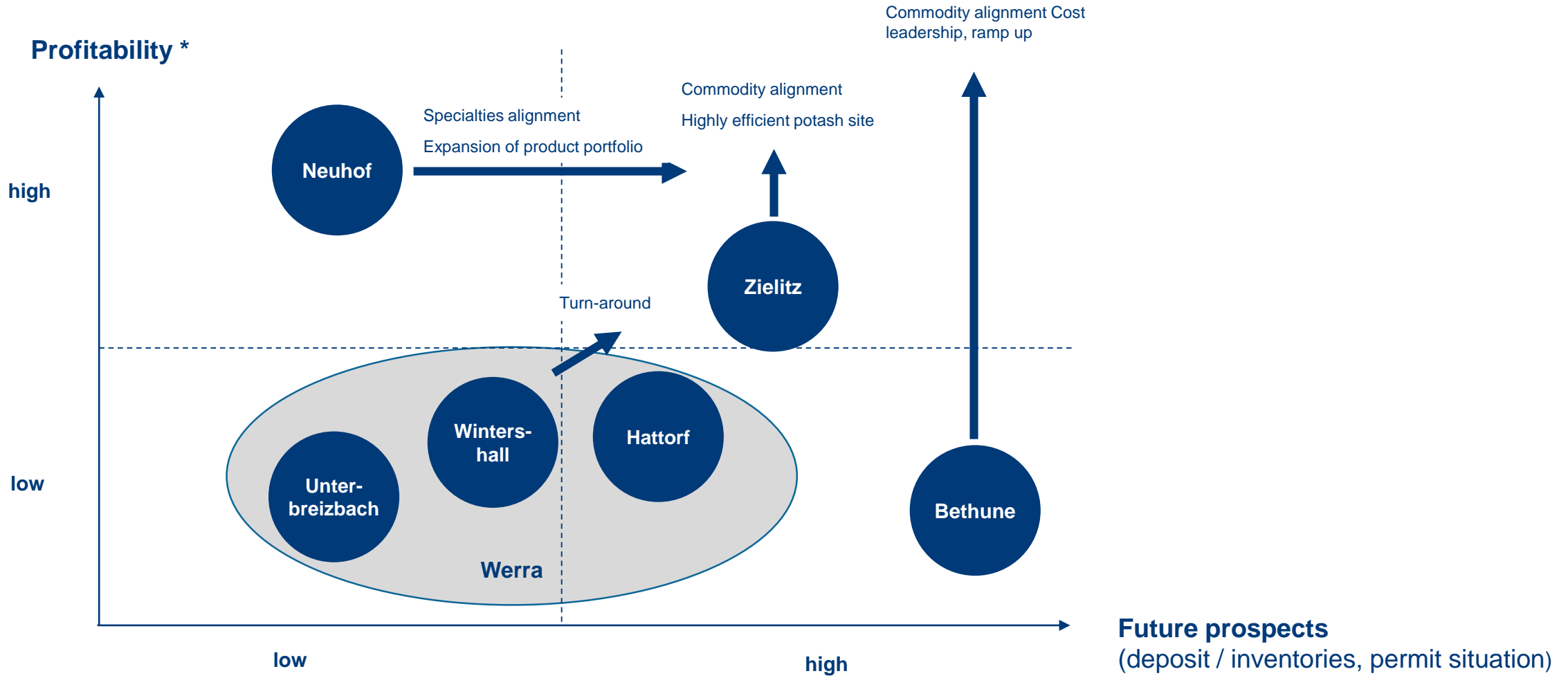
- Financial ambition
- ROCE > WACC over a cycle of 5 years
 - At the same time, an EBITDA margin of more than 20% is targeted over this cycle
 - Positive free cash flow from 2023 even in the event of low potash prices

Strategic classification of salt business

Global market position of the continuing K+S salt business

- After sale of OU Americas, reduced global relevance and reach
- Risk of new competitors entering the market (e.g., Ciech, Varnitsa)
- Continued high dependence on de-icing salt business with simultaneous global warming
- Financial and management capacities still scarce:
 - ➔ **Focus on business areas with a better opportunity/risk ratio and greater importance for the overall portfolio**
 - Focus on **operational and tactical improvements**, e.g., portfolio, costs, efficiency
 - **Major strategic considerations** (market consolidation, opening up new markets, e.g., Asia) **are no longer in focus**

Strategic direction of the potash primary sites



* based on 2020 results

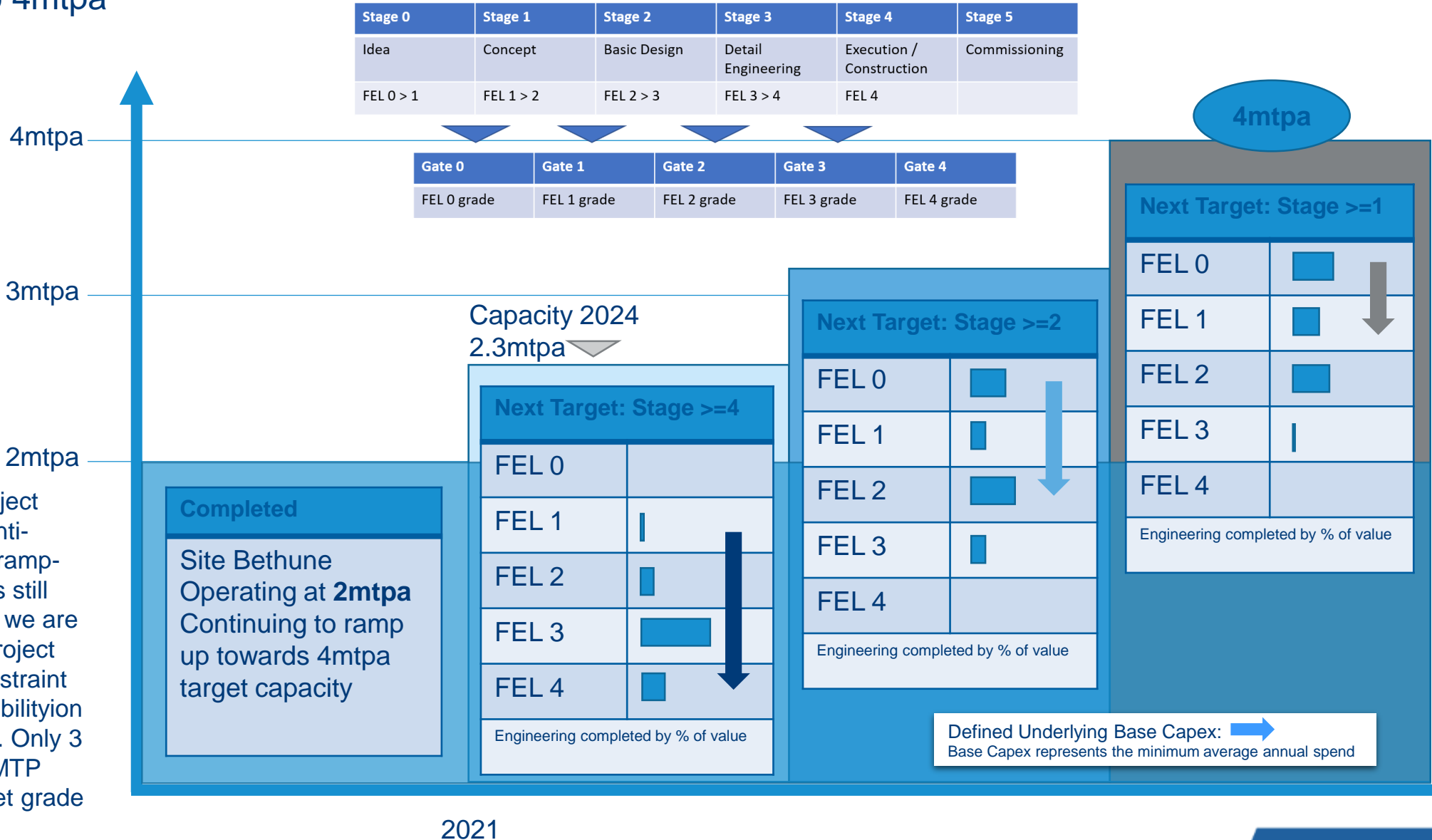
Centers of excellence for focus topics

	Bethune	Zielitz	Neuhof	Werra
Increase extraction rates			X	
Autonomous mining		X		
Process automation	X			
Energy efficiency and CO ₂ footprint reduction	X			
New business models e.g., CO ₂ , H ₂ , energy		X		

Bethune

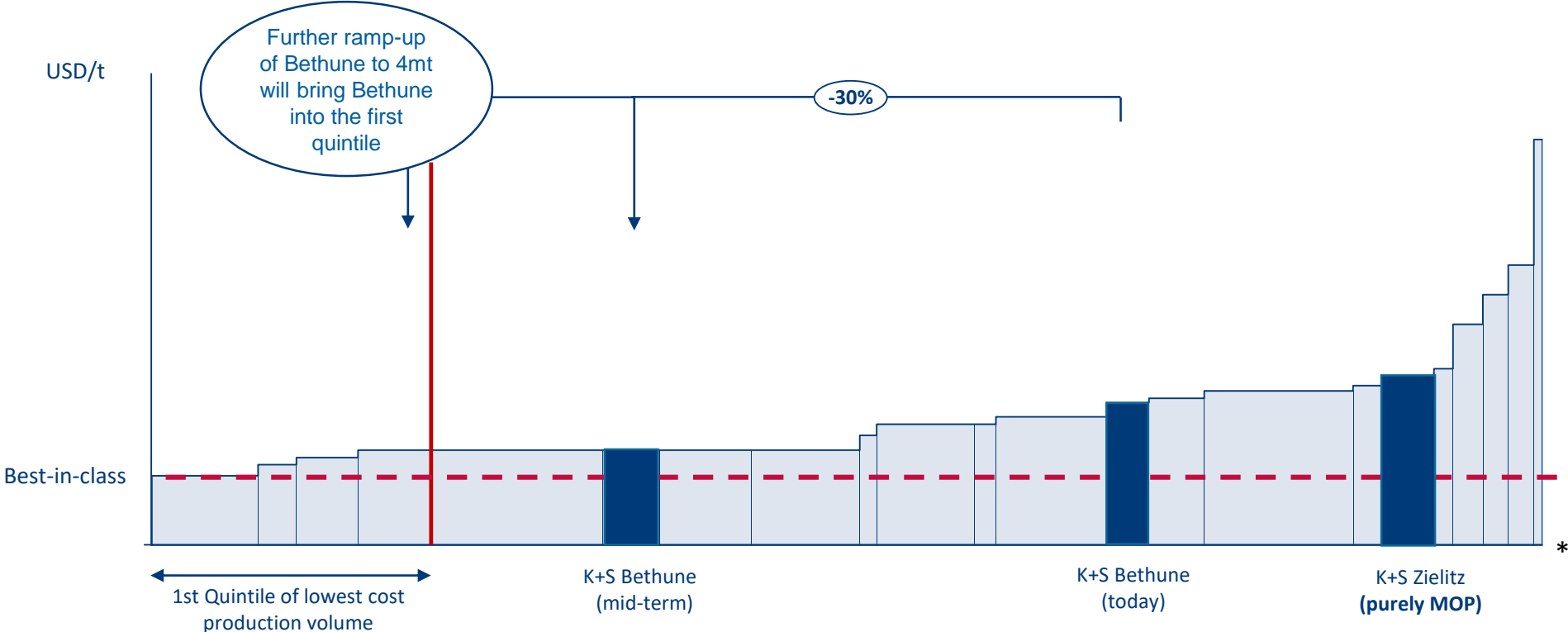
Ramp-up to 4mtpa

Timing: This project represents a continuous capacity ramp-up. Since K+S is still cash constrained, we are managing the project from a cash constraint budget with flexibility on completion time. Only 3 years forward (MTP cycle) are budget grade



2021

Site costs (FOB) in comparison



Source: CRU Report 2019, K+S

* column width = production capability in million tonnes

Continuous ramp-up of Bethune increasingly improves our cash costs and thus our competitive position

Operations Excellence at K+S: Sales, Marketing and Supply Chain

Digitalization throughout the value chain

Application and use of cloud data and AI-based algorithms

- Improve net backs (e.g. pricing, product allocation)
- Production planning (margin optimized production portfolio)
- Sales and service Platforms for agriculture (e.g. roll out MY K+S)

Product Offering and Portfolio

Portfolio expansion with higher value specialities for both Agriculture and Industry

- Grow industrial potash, e.g. KCl 99, Epsom salt, Pharma KCl
- Value-adding product variations based on the existing portfolio, e.g. green potash, improved applicability, water-soluble fertilizers, value-adding blends

Regional Expansion

Establish local sales offices in selected regions, increased grass root activities, agronomical services

- Getting closer to the customer in selected markets

Supply Chain Excellence

Efficiency gains in supply chain and logistics

- Optimization of our logistics and supply chain network, e.g. warehouse optimization
- Working capital improvements through planning and supply chain optimization

Share of additional EBITDA contribution by 2023



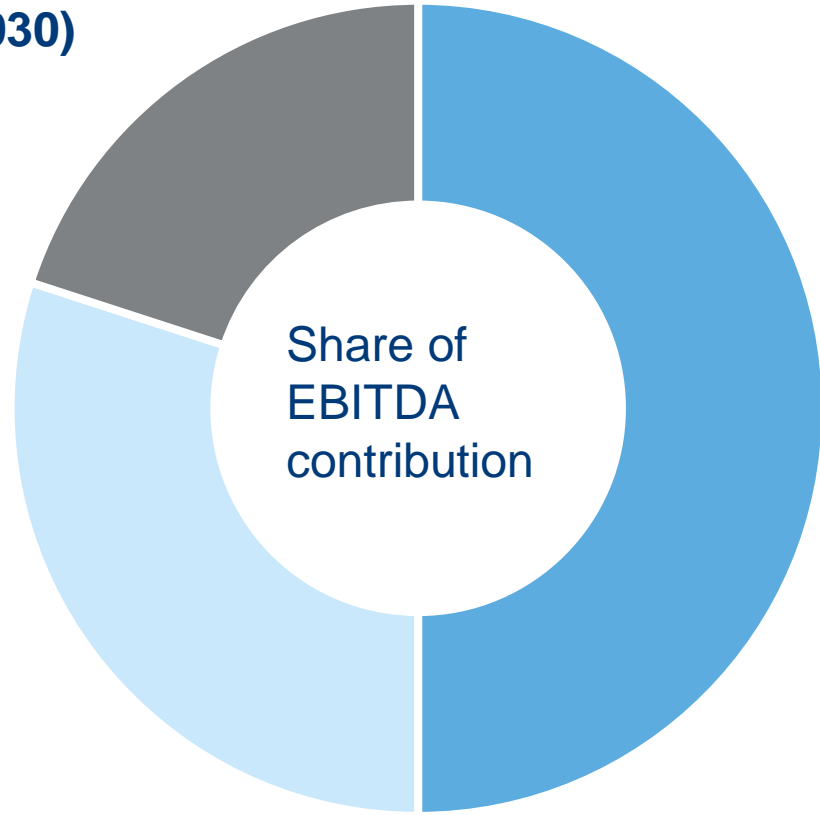
Grow the core: Contribution of the product groups

20%



Product groups (top line potential by 2030)

- Fertigation (>€ 200 million)
- Micronutrients (>€ 200 million)
- Biostimulants (>€ 50 million)



Half of the potential can be realized by 2025
Further inorganic growth potential, if financial situation is adequate

Our new dividend policy

Current situation:

- Still high environmental expenditures
- K+S still in restructuring phase

Considerations:

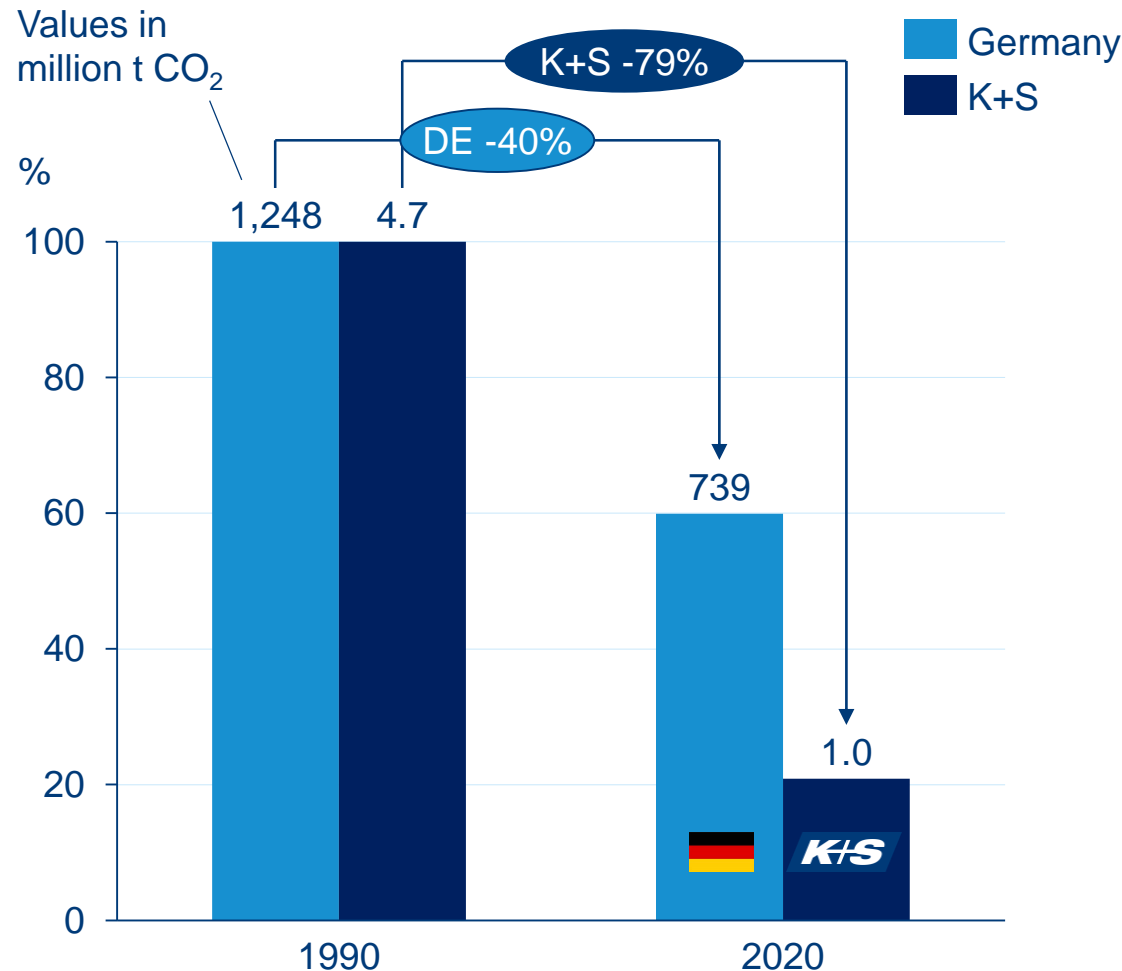
- Shareholders should participate in K+S's success through attractive dividend
- Strategic measures aimed at increasing total shareholder return
- The dividend policy is intended to:
 - ... provide continuity for shareholders
 - ... be easy to understand and clearly communicable
 - ... adequately signal and take into account the future years of ongoing restructuring
 - ... demonstrate a disciplined capital deployment policy

**Discretionary
premium**
upon balance
sheet structure,
outlook etc.

**Base
dividend:**
0.15 € / share

K+S Climate Strategy

80% reduction of GHG emissions (1990 – 2020) already achieved by a change of fuels, increase of energy efficiency and closing of sites



Germany compared to K+S (German potash production, scope 1)

Short-term goal:

Introduction of a “**K+S climate protection fund**” from 2022 to reduce our CO₂ emissions.

Mid-term goal:

Reduction of our CO₂ emissions by 10% by 2030 compared to 2020.

Long-term goal:

K+S supports the goals of the "Paris Agreement": Climate neutrality in 2050 can be achieved with a supportive regulatory framework. K+S therefore calls for a worldwide **level playing field** (until then carbon leakage protection is required), strong energy **infrastructure**, transitional **funding** and **affordable renewable energies**.

(Note: The Paris Agreement sets out a global framework to avoid dangerous climate change by limiting global warming to well below 2°C and pursuing efforts to limit it to 1.5°C.)

Q&A

Julia Bock, CFA

Head of Investor Relations

The logo for K+S, featuring the letters 'K+S' in a bold, white, sans-serif font. The letters are set against a dark blue, parallelogram-shaped background that is tilted slightly to the right. The logo is positioned in the bottom right corner of the slide, overlapping the dark blue background and the white bottom edge of the slide.

K+S

Housekeeping items / Financial calendar

Additional information on 2021 FY outlook – continuing operations

- Tax rate: 30%
- Financial result: on the level of last year (2020: €-106m)
- CapEx: < €400m (2020: €428m)
- D&A: ~ €300m

Financial calendar

BofA Global Research Materials & Infrastructure Conference (virtual) – IR	30 November 2021
Citi's Basic Materials Conference (virtual) – IR	1 December 2021
Scotia Bank Asian Pacific Roadshow (virtual) – CEO	8 December 2021
Scotia Bank US Roadshow (virtual) – CEO	9 December 2021
Kepler Cheuvreux German Corporate Conference (virtual) – CFO	18 January 2022

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K+S

Back-up

Bethune: Commodity site with cost leadership

70%



- **Growth on the way to 4mt pa** is achieved through secondary mining & cooling pond technology
- **Improvements in efficiency** through automation, start of secondary mining and reduction of energy input per tonne of end product
 - **Reduction of energy and water consumption** (introduction of technologies with low greenhouse gas emissions).
 - **Increased brine concentration**
 - **Improvement of plant components** in factory and loading operations
 - **Improve plant performance, availability, and capacity utilization (OEE)**
 - **Reduction of costs per cavern**

Zielitz:

Clear focus on potash products



- **Focus on innovative strategic future projects and concepts:**
 - **Operations Excellence (cash cost reduction)**
 - **Autonomous mining** and process control systems
 - **Renewable energy**, H₂ and CO₂ infrastructure
- **Expansion of KCl 99** to become the industry leader in this specialty
- **Feasibility studies for expansion into other specialties**, such as pharma KCl, SOP, NOP

Werra:

World's largest potash, magnesium and sulphur specialties plant



1. Optimize portfolio

- Maximize **CMS** (Epsom Salt)
- Increase **granulated products**
- Increase of **SOP** production
- **New specialties**, incl. green fertilizers

2. Future proof

- Increase **extraction rate**
- Reduce **process water**
- Reduce **solid by-products**
- Reduce **energy consumption**
- Reduce **CO₂ emissions**

3. Licence to operate

- Improvement of the **permit situation**
- **Tailings pile coverage**

Neuhof:

Specialties plant for the European market



Increase plant lifetime

1. Efficiency

- Increase **extraction rate**
- Reduction in **chemical consumption**
- Increase **own power generation**
- Reduce **energy usage**

2. Optimize portfolio

- Increase **kieserite production**
- Increase **granulated products**

3. Future proof

- Improvement **CO₂ footprint**
- **Tailings pile coverage**

Optimization of K+S salt sites

Generally

- **Focus on cost optimization; manage capex at base level; maintenance and operational improvement measures with ROI \leq 3 years**

Shaping concepts for commodity vs. specialty sites

- Concentration of de-icing salt volumes at low-cost sites
- Optimization logistic concept including reduction of warehouses/network
- Focus on industrial salt at Frisia Zout

Ashburton:

- K+S Salt Australia is currently working on the final feasibility study for the project. The report should be available shortly.
- We also expect the environmental and mining permits for the project by the end of this year.
- Consensus estimates that the potential annual salt production of the Ashburton project would be around 4.5mt p.a. with USD 400mn project costs to complete.
- After having the permits and results of the feasibility study, management will decide according to the strategic classification of the salt business: invest or sell the project at a premium.