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# K+S Aktiengesellschaft

# **Credit Suisse 2022 European Materials Conference**

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€750 million + €220 million (REKS)

# Significant increase in EBITDA in 2021\*

Actual 2021

Around €630 million
 Outlook December 2021

② **€500 – 600 million**Outlook August 2021

① **€300 – 400 million**Outlook May 2021

**€240 - 340 million**Outlook March 2021



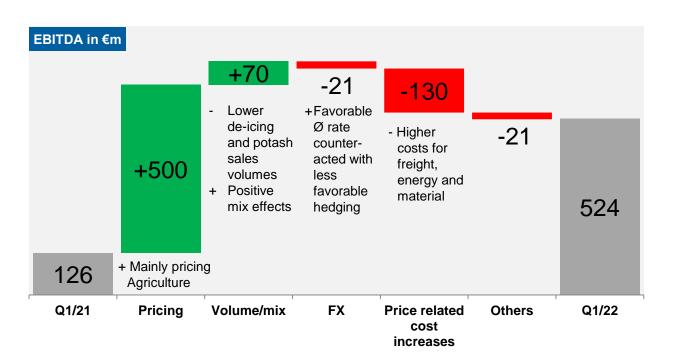
\*excluding the forecasted one-off gain of around €200 million from REKS

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# Q1/22 EBITDA more than quadrupled YoY

### **Highlights**

- Q1/22 EBITDA increased to €524m (Q1/21: €126m)
- COVID-19: Minor efficiency losses on the previous year's Q1 level
- Adj. net profit increased to €313m (Q1/21: €49m; without reversal of impairment losses on assets in the amount of €180m)

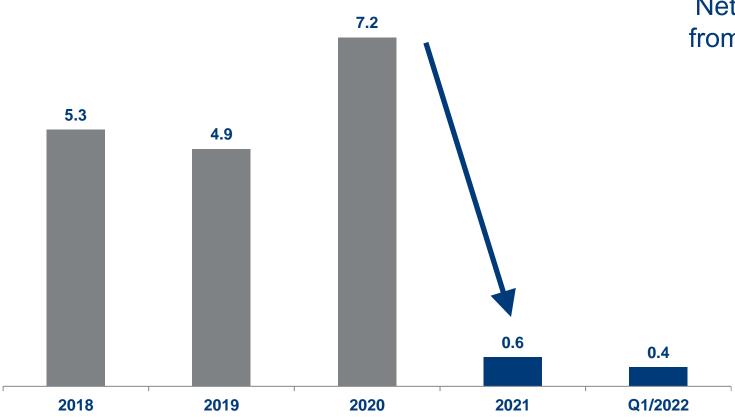


### **Financials (continuing operations)**

€ million	Q1/2021	Q1/2022	%
Revenues	733	1,212	+65
t/o Agriculture	469	944	> +100
t/o Industry+	264	268	+2
Scheduled D&A	65	101	+56
EBITDA	126	524	> +100
Adj. net profit; excluding impairment effects	49	313	> +100
Adj. EPS (€); excluding impairment effects	0.26	1.63	> +100
ROCE (%); excluding impairment effects	-33	16	_
Operating cash flow	82	254	> +100
Adj. FCF; excluding one-off effects (CO <sub>2</sub> , factoring)	-15	291	-
Adj. FCF	-15	103	_
Capex	48	49	+2
NFD/EBITDA (LTM)	8.3x	0.4x	-95

# Debt significantly reduced

Net financial liabilities / EBITDA (x times)



Net financial liabilities reduced from €3.2 billion end of 2020 to €520 million in Q1/2022



Target:
Rating in investment grade range



Years 2018 – 2020 including discontinued operations.



# Rating Upgrade:

Standard & Poor's upgraded K+S by two notches from B+ (stable) to BB (stable)

# **Trading update: Industry+**



#### **De-icing salt business**

Slightly below-average Q1 after weather-related strong performance in Q1/2021



### **Pharmaceutical industry**

Price- and volume-related increase



### **Food industry**

Price- and volume-related increase



#### **Chemical industry**

Strong performance in Q1



#### **Consumer products**

 Except for weather-related lower de-icing salt, strong performance as in the prior-year quarter due to high home consumption

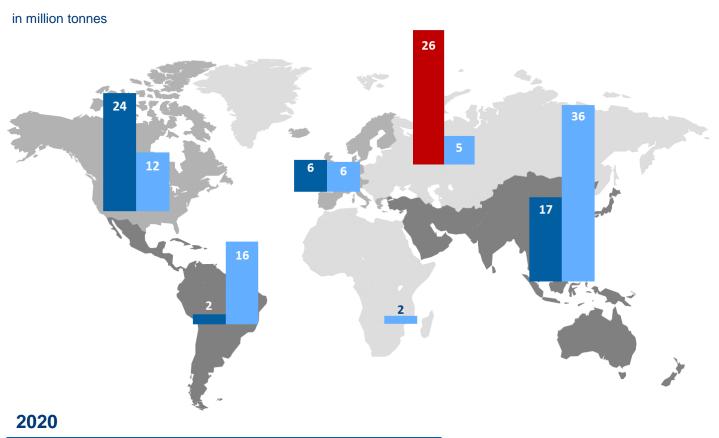


# **Brazil potash price in USD** (MOP gran.) 1.200 1.100 1.000 900 800 700 600 500 400 300 200 10

# Attractive market environment

- Potash prices in Brazil more than quadrupled; Europe also records significant increase
- High demand for fertilizers with supply at full capacity

# Substantial restraints of global potash supply



- Russia and Belarus <u>each</u> account for 16% of global potash production
- Most projects for capacity expansion came from Russian potash producers
- 28% of global wheat exports come from Russia and Ukraine

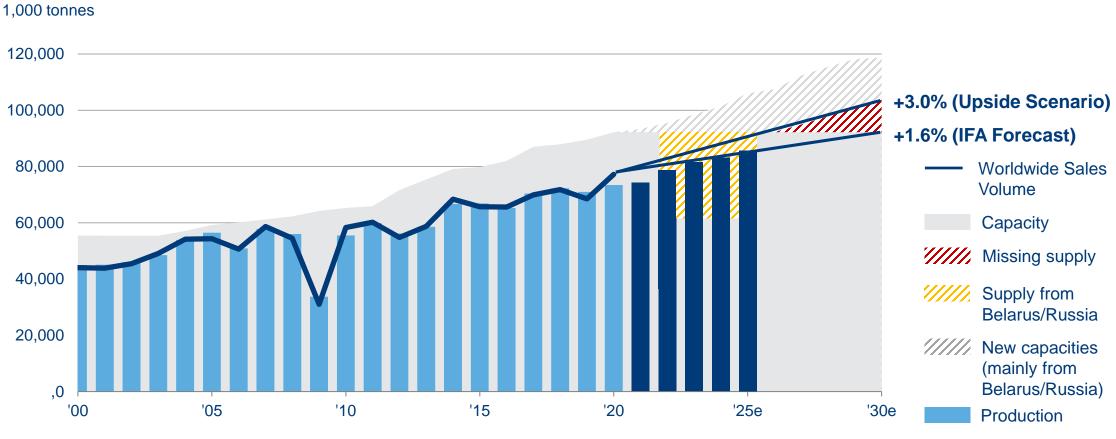
World potash production	75.3 mt
World potash sales volume	77.3 mt

**Sources:** IFA 2021, K+S **Basis:** Year 2020 – incl. Potassium sulphate and low-grade potash

# Increasing demand for potash



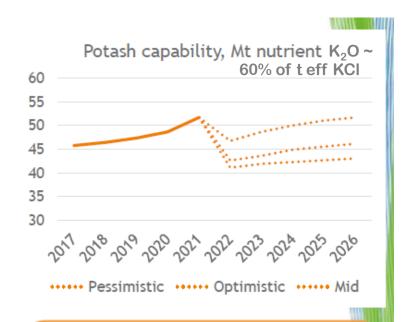
New potash capacities needed to meet rising demand



**Source:** IFA, K+S; including potassium sulphate and low-grade potash of about 5 mt eff. (product)

# World potash supply: Geopolitical Effects





#### Potash

Scenarios skewed to the downside based on sanctions and likely ability to export

Source: IFA, May 2022

- Russia exports about 2/3 to "friendly countries"
- 1/3 go to "unfriendly countries"
- More than 80% of the currently forecasted expansion of potash production comes from Russia
- Different assumptions for the recovery of the world's potash supply
  - Pessimistic scenario: Extended conflict, Western sanctions are extended, USD sanctions are also spreading to some "friendly countries"
  - Optimistic scenario: Resolution in 2022, economic sanctions will be eased, Russian exports will mostly recover, Belarusian exports will partially recover
  - Mid scenario: All current sanctions remain in force, but some "friendly countries" resume/continue partial trade with Russia



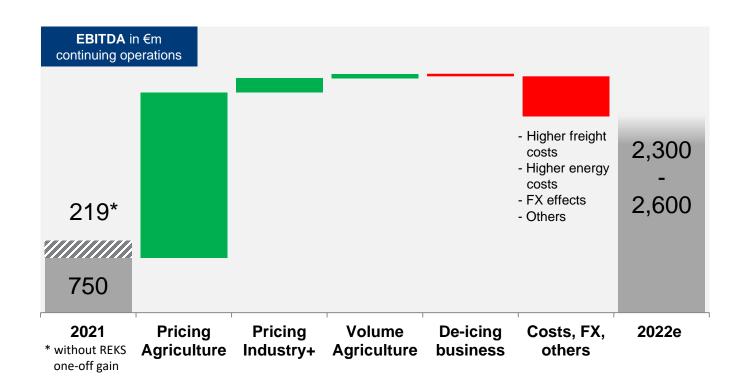
Even in the optimistic case, global potash supply will not return to the level of 2021 until 2026

# Price development of important agricultural commodities since January 2020 December 2019 = 100

# Continued positive environment

- Yield prospects for farmers remain attractive
- Continued very good demand for potash expected
- Increase in global potash supply hardly possible in the short term
- Sanctions against Belarus already limit global potash supply, extent of sanctions against Russia and their impact uncertain

# 2022 EBITDA outlook raised to €2.3 to €2.6 billion



- Strong increase in average price in Agriculture product portfolio
- Cost increases for energy, logistics, and materials to be significantly exceeded
- Capex of a good €400 million (2021: €334 million)
- Assuming that there are no production restrictions in Germany due to bottlenecks in the availability of natural gas.







# **European energy supply**

- Price secured for more than 90% of natural gas demand 2022
- Prices secured for more than 70% of natural gas demand in 2023 and 2024
- Like all industrial companies in Germany, we are dependent on the reliable supply of natural gas
- Canadian site Bethune independent of natural gas availability in Europe,
   German Wintershall plant of the Werra site runs with waste incineration plant



# Planned use of additional liquidity

- Repayment of factoring
- Purchase of CO<sub>2</sub> certificates for the years 2026 onwards already completed
- Dividend payment for the 2021 financial year
- Repayment of bond due in June 2022
- Accelerated Bethune ramp-up
- Investment in optimizing our existing business
- Building a crisis-proof balance sheet and liquidity position

# Guiding principles of strategy and management focus



#### **Financial ambition**

- Earn cost of capital over a 5-year cycle
- At the same time, an EBITDA margin of > 20% is aimed for over this cycle
- From 2023, positive free cash flow even in the event of temporarily low potash prices



#### **Agriculture**



- Increase of marketing in USA ex Bethune
- Increase of trading business in Middle East, China and India
- Improved leveraging of local sales network

#### Industry+



- Focus on potash product groups for industrial product sales
- Capacity expansion of high-purity salts
- Optimization of de-icing salt setup

#### **Supply Chain**



- Warehouse and network optimization for European salt logistics
- Optimization of warehousing
- Optimization of infrastructure utilization



EBITDA impact: around €30 million p.a. from 2023

#### **Bethune**



- Long-term ramp-up to up to four million tonnes of capacity
- Improvement of cost position
- Increase in granulated products

#### **Zielitz**



- Improvement of the cost position
- Optimization of maintenance
- Increase in energy efficiency
- Increase in KaliSel production capacity

#### Werra



- Optimization of product mix & production volumes
- Optimization of maintenance
- Increase in energy efficiency
- Increase in granulation capacity for potassium sulfate

#### **Neuhof-Ellers**



- Improvement of the mineral content through Al
- Increase of the granulating capacity of kieserite



EBITDA impact: around €50 million p.a. from 2023

# Optimize the existing – site strategies



### **Bethune**

- 2022 expense budget has been increased by €50 million
- Additional capex proactively target
  - short-term acceleration as well as
  - longer-term ramp-up
- Hiring process for more than 70 additional people for the further ramp-up project mainly in the field of engineering, IT and operations has started
- The ramp-up project will not only increase production and reduce production costs, but improve environmental and sustainable impact



# Housekeeping items / Financial calendar

#### Additional information on 2022 FY outlook – continuing operations

■ Tax rate: 30%

Cash interest: ~ €-50m (2021: €-126m)

■ CapEx: a good €400m (2021: €334m)

■ D&A: ~ €400m

#### Financial calendar

Credit Suisse Chemicals and Agriculture Conference, London – CEO June 8, 2022

Baader Helvea Chemical Roadshow, North America – IR

June 27 – July 1, 2022



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