

Compendium

Information for investors, analysts, and interested parties Publication December 2023

Table of contents





K+S Conspect



The roots of the K+S Group date back to the **middle of the 19th century**. At that time, miners in Germany exploited the world's first potash deposits and started fertilizer production.

Today, the K+S Group is an internationally oriented raw materials company with production sites in Europe and North America.

K+S Group financials Q3/2023

Revenues €880.8 million

Adjusted free cash flow €54.6 million **EBITDA** €72.2 million

EBITDA margin 8.2%



K+S strives for **sustainability** and acknowledges its responsibility towards people, the environment, communities, and the economy in the regions in which it operates.

The claim is to enrich life for generations and to be a **pioneer for environmentally friendly and sustainable mining**.



2

K/S

1

Board of Executive Directors



Dr. Burkhard Lohr Chief Executive Officer Mandate until May 31, 2025



Dr. Christian H. Meyer Chief Financial Officer Mandate until March 14, 2026



Dr. Carin-Martina Tröltzsch Member of the Board Mandate until February 19, 2026



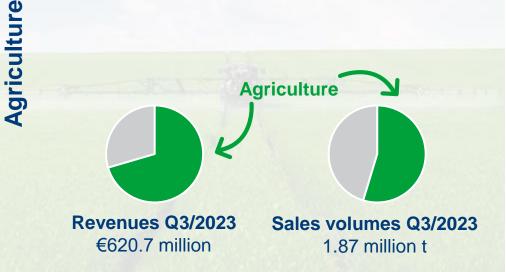
Christina Daske Labor Director Mandate until December 01, 2026

For current information on the responsibilities of the individual members of the Board of Executive Directors, please refer to our bylaws which can also be found on the K+S website at: <u>www.kpluss.com/executivedirectors</u>

K+S at a glance

Customer segments (no segments according to IFRS)

With our wide range of potassium chloride (MOP) and fertilizer specialties, as well as accompanying advice, we support farmers around the world in achieving high yields and the best crop qualities.



We produce, refine, and supply natural raw materials for communities, consumers, and numerous industrial applications - and if residues remain, we have the right disposal solution. Our products and services keep production running.



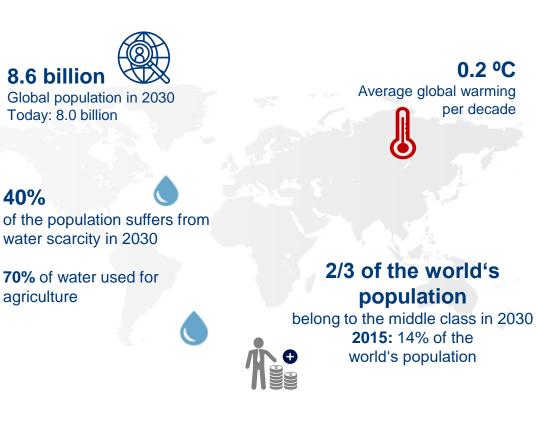
Sale of the OU Americas in 2021

Key data of the signed agreement

Buyer	Stone Canyon Industries Holdings LLC, Mark Demetree and Partner	
Gross proceeds	USD 3.2 billion	POINT
EV/EBITDA	12.5x 2019 EBITDA of USD 257 million	MORTON SALT
Closing	April 30, 2021	Bio
Net proceeds	€2.6 billion after tax	andhad
Preliminary gain on disposal	€742 million	



Important megatrends and their implications



Implications for K+S

- Arable land shrinking
- Yield needs to be improved
- Higher efficiency of fertilization and irrigation needed
- Plants have to be more stress resistant
- Infrastructure needs to be improved
 → focus on renewable energy
- Growing population, especially in Asia, needs more salt for various purposes

Sources: United Nations, 2017; World Population Clock of the Deutsche Stiftung Weltbevölkerung (dated July 2022); "Global temperature change" from James Hansen et al. (September 25, 2006); World Water Report 2021 of the UNESCO; James Davies, Rodrigo Lluberas and Anthony Shorrocks, Credit Suisse Global Wealth Databook 2015

Why use fertilizers?

"The Natural Laws of Husbandry", Justus von Liebig, 1863

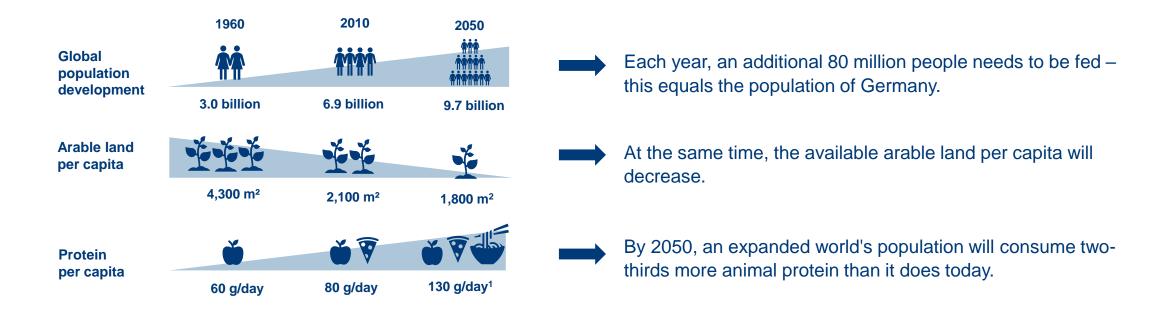


"The growth and yield of a plant is limited by the nutrient available in the smallest amount."

- Plants need sunlight, water, and minerals to thrive.
- There are few soils on earth which have a sufficient content and availability of **plant nutrients** to achieve **high yields** over a longer period without fertilization.
- Potash is an indispensable addition to the natural nutrient content of arable soils.
- The deprivation of nutrients by harvesting and other factors must be compensated by **balanced** fertilization.

Long-term key drivers for our fertilizer business

Less arable land – but more protein consumption per capita

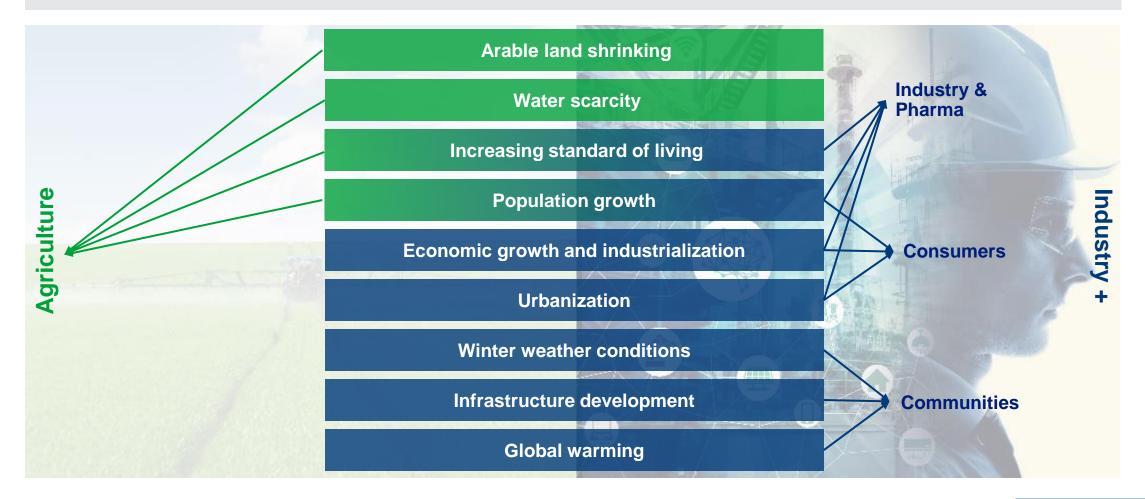


In 2050, only roughly 25% of a soccer field will be available for a person's annual food supply – 80% of the future growth in agricultural commodity production will result from increases in yields. This is achieved through the use of balanced fertilization.

Source: UN, World Population Prospects, 2022 Revision, UNDP, 2013; FAOStat 2014; ¹ FAO 2014 - Forecasts based on expected increase in animal protein

Long-term demand drivers

Demand drivers

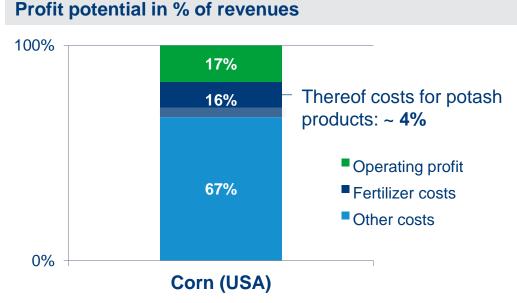


Farmer profitability of corn (USA)

Expenditure for potash products of an agricultural farm: approx. 4% of the total cost



The earnings prospects should give the agricultural industry sufficient incentive to increase the yield per hectare by using plant nutrients.



K/S

Guiding principles of strategy and management focus



Financial ambitions

- Earn cost of capital over a 5-year cycle
- At the same time, an EBITDA margin of > 20% is aimed for over this cycle
- Striven leverage (net debt/EBITDA): maximum 1.5x

Optimize the existing

KS

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

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
- Improved use of infrastructure

Clear focus of our sites

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 and production volumes
- Optimization of maintenance
- Increase in energy efficiency
- Increase in granulation capacity for potassium sulphate



Neuhof-Ellers

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









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

Werra 2060 – Securing a sustainable future

70 %

How do we want to achieve this?

- Unterbreizbach and Wintershall sites: Focus on wastewater-free processing methods
- Unterbreizbach mine: Expansion of secondary mining operations (drill and blast)
- Hattorf-Wintershall mine: Introduction of secondary mining (drill and blast)
- Unterbreizbach and Hattorf-Wintershall mines: Dry backfill utilization
- Hattorf plant: Continued operation unchanged for the time being

Methods already tested or in use on other sites!

Future-oriented product portfolio

Innovations in

extraction and

production

- New processing methods in Unterbreizbach and Wintershall have an energy-saving effect with CO₂reduction, and also change the product portfolio:
- Further development of specialties portfolio with unchanged production volumes
- Increase in share of round granules
- The products become more competitive under cost, sustainability, and quality criteria.

Reduction in environmental impact

Reduction solid residues: by 8 to 7 million t eff. p.a. ▶ avoiding tailings pile expansion Wintershall beginning of the 2030s

CO₂ emissions reduced by 190kt to 650kt p.a.; Reduced steam requirement: higher flexibility regarding the energy source



Saline process waters reduced: by 1.2 to 1.0 million m³ p.a.

Value contribution of Werra 2060*

70 %

	NPV drivers	Ø FCF advantage p.a. 2026-2060
Significantly higher and more stable production over time/changed product mix	+€100m	+€45m
 ESG improvements Reduction of solid residues and thus avoiding tailings pile expansions and enabling backfill and secondary mining Reduction of CO₂ emissions Reduction of saline process waters and thus reducing remote disposal 	- +€425m	+€40m
Mid-term adjusted personnel requirement	+€275m	+€25m
Present value of additional capex compared to unchanged operation mode	-€275m	
Total	>~500€m	+~€110m
* As of November 10, 2022		

K/S

We create value for our stakeholders!



Werra 2060 increases site NPV by > €0.5 bn to > €1.5 bn*





* As of November 10, 2022





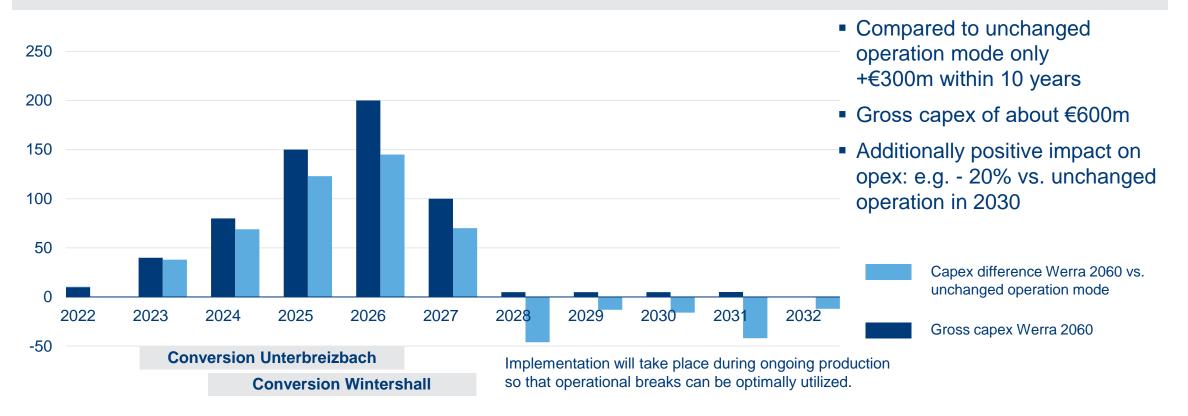
Even 50% higher initial capex would still result in NPV advantage of more than €300 million.



Capex: Werra 2060



Schematic course of capex



Capex amortization period: < 10 years (as of today)

Grow the core



We enable farmers to achieve greater economic success



Expansion of the portfolio

- Fertilization
- Micronutrients
- Biostimulants
- Concepts for soil health
- Further additions to the portfolio

Logistic access

- Circular economy
- Last Mile Distribution

Digital sales

- Agronomic services
- Digital sales channels (e.g., web shops)
- New digital business models
- Direct access to the farmer

New business areas

Subsequent use of existing assets and development of new business areas

Renewable and green energy

- Increasing use of renewable energies (wind, sun) at our sites
- Use of available space at our sites
- Research into the production and use of green hydrogen

Carbon dioxide (CO₂)

- CCS: underground storage (solid and gaseous)
- CCU: se for the production of biomass or as a raw material for basic chemicals

Waste management and circular economy

- Underground recovery, underground storage
- Extraction of valuable minerals from waste streams (e.g., magnesia)

Reuse of our mines

 Research into alternative uses for agriculture or as a production area for biotechnology

Mines	Caverns	Tailings piles	Land	Technical/structural infrastructure	Technological know-how	Agronomic know-how

Performance Indicators

Key Financial Performance Indicators

The Company's activities are managed based on the following key financial performance indicators, which are the most important financial performance indicators within the meaning of the German Accounting Standards (DRS) 20:

- EBITDA
- Group earnings after tax, adjusted
- Capital expenditure
- Adjusted free cash flow
- Return on capital employed (ROCE)
- Net financial liabilities (incl. financial lease liabilities)/ EBITDA
- Net debt/EBITDA

Non-financial Performance Indicators

Performance indicators and target values in sustainability management were defined for the K+S Group in 2018. Since the 2020 financial year, we have also managed the Company using the non-financial indicators stated below. These have formed the basis for part of the long-term incentive (LTI) as a variable component of the Board of Executive Directors' as well as all LTI-entitled employees' remuneration since 2020. They are the key non-financial performance indicators within the meaning of the German Accounting Standard (DRS) 20.

- Lost Time Incident Rate (LTI rate¹)
- Reduction of saline process water in Germany
- Sustainable supply chains, specified by the performance indicators "Proportion of critical suppliers aligned with the Supplier Code of Conduct of the K+S Group" and "Coverage of purchasing volume by the Supplier Code of Conduct of the K+S Group"

K/S

Other financial and non-financial performance indicators that are relevant for the K+S Group include revenues, sales volumes, average selling prices, and number of employees. However, these figures are not considered financial or non-financial key performance indicators within the meaning of German Accounting Standards (DRS) 20.

¹ The so-called LTI rate measures occupational accidents with lost time in relation to one million hours worked.

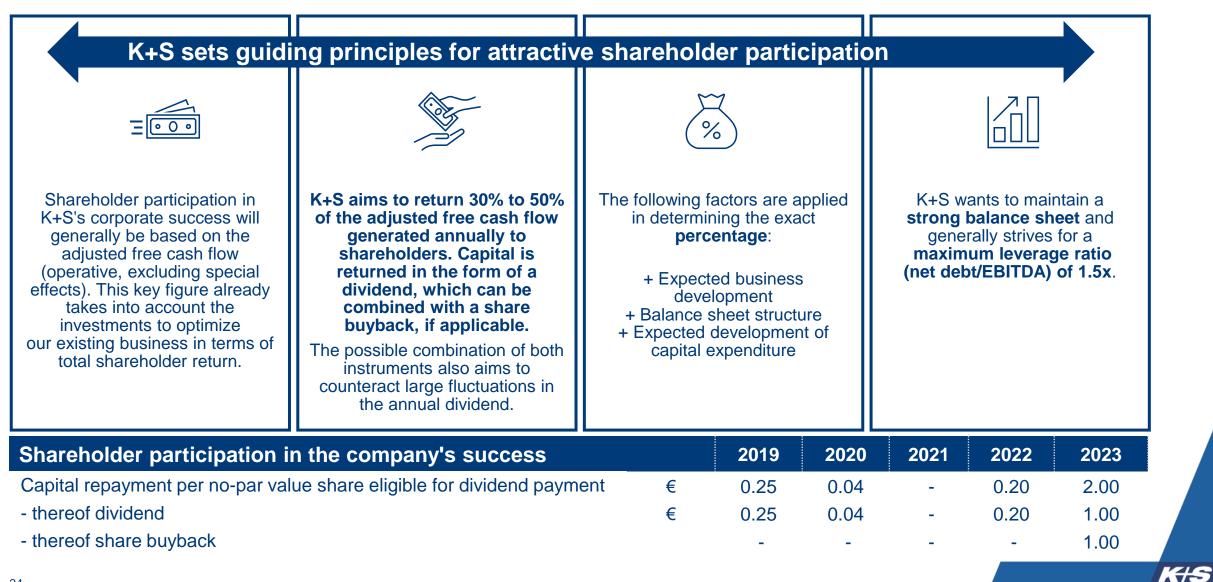
Performance Indicators

Key Financial Performance Indicators		2018	2019	2020	2021	2022	9M/23
EBITDA	€ million	606.3	640.4	444.8	1,067.3	2,422.9	550.2
Group earnings after tax, adjusted	€ million	85.4	77.8	-1,802.5	2,182.4	1,494.0	153.1
Capital expenditure	€ million	443.2	493.2	526.0	334.3	403.8	347.2
Adjusted free cash flow	€ million	-206.3	139.7	-42.2	92.7	932.0	328.2
Return on Capital Employed (ROCE)	%	2.6	2.3	-22.8	42.9	25.7	8.3
Net financial liabilities (including financial lease liabilities)/EBITDA (LTM)	x-times	5.3	5.4	7.8	0.7	_ 1	_ 1
Net debt/EBITDA (LTM)	x-times	7.3	7.1	10.5	1.7	0.3	0.8

Non-Financial Performance Indicators ²		2018	2019	2020	2021	2022	² Yearly numbers.
Lost Time Incident Rate	LTI rate	-	10.4	8.8	11.3	8.3	
Saline process water in Germany	million m ³	-	3.5	2.9	3.3	2.3	
Sustainable supply chains, specified by the performance indicators "Proportion of critical suppliers aligned with the Supplier Code of Conduct of the K+S Group" and "Coverage of purchasing	%	-	23.2	77.4	86.6	89.6	

volume by the Supplier Code of Conduct of the K+S Group"

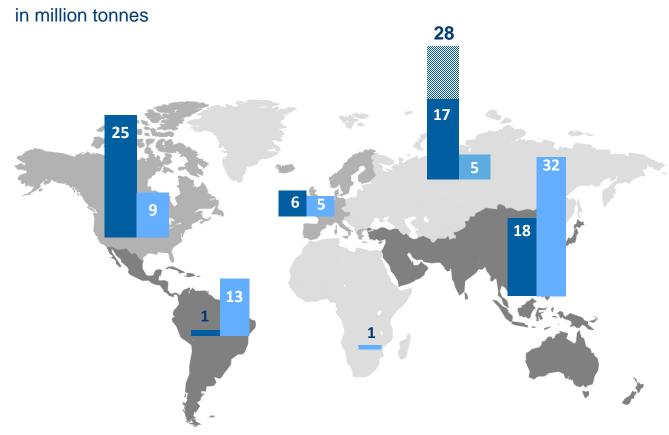
Distribution policy





2 7 Market situation

World potash production and sales volumes by region

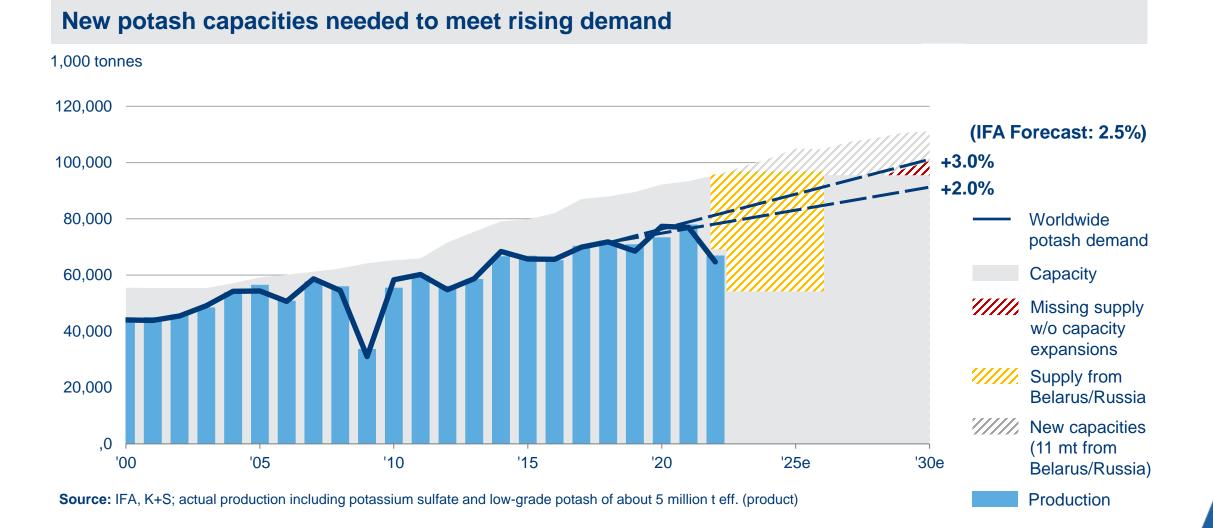


- Even before limitation of Russian exports and sanctions against Belarus, the potash market was fully used at capacity limit.
- Until 2021, Russia's Uralkali and Belarus each accounted for approx. 16% of global potash production (28 mt in total). Most of the future capacity expansions (11 mt) would have come from these producers.
- 28% of global *wheat* exports come from Russia and Ukraine.

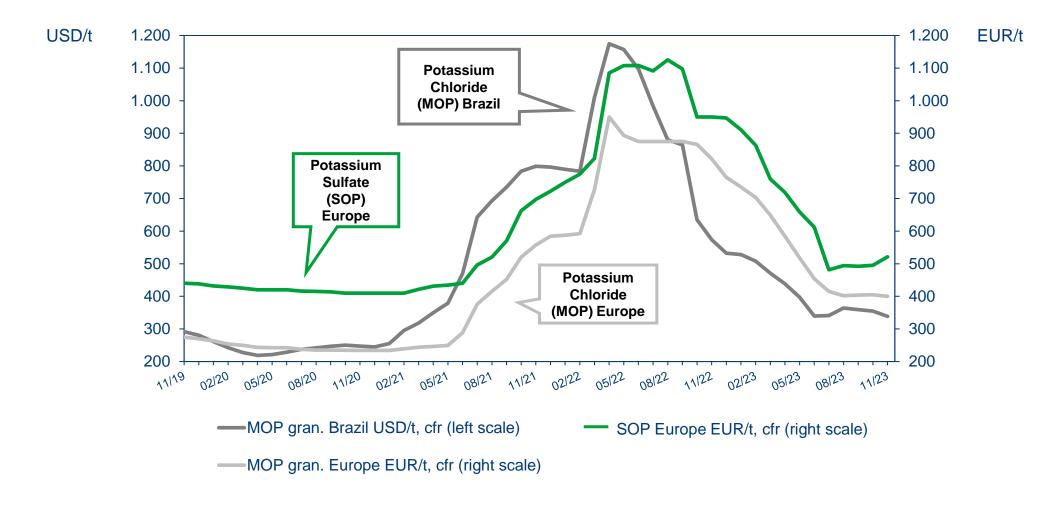
	2020	2021	2022 preliminary
World potash production	75.3 mt	77.9 mt	67.0 mt
World potash sales volume	77.3 mt	77.0 mt	64.7 mt

Sources: IFA 2022 preliminary, K+S **Basis:** Year 2022 – incl. Potassium sulfate and low-grade potash

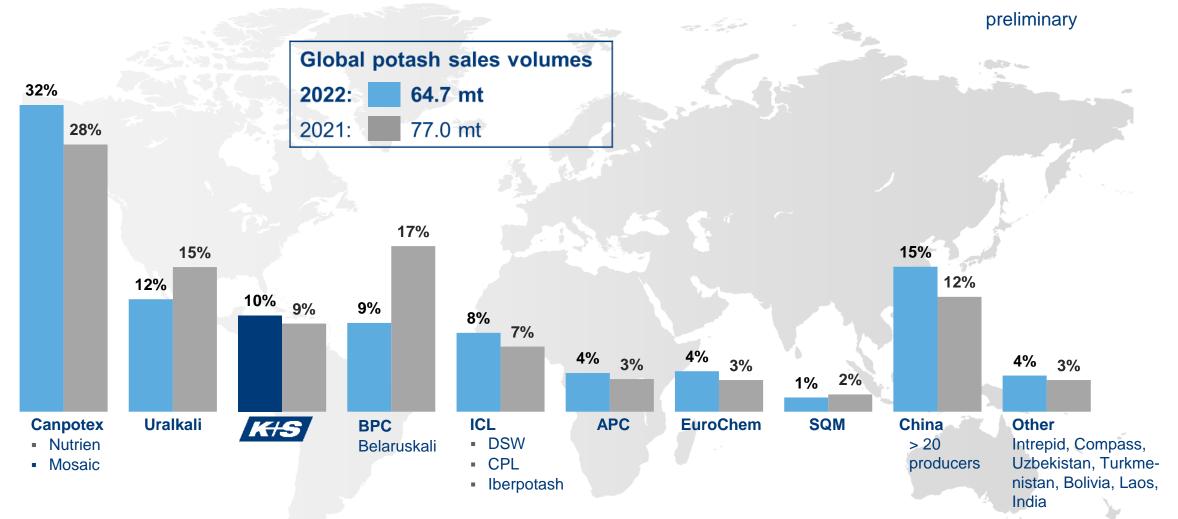
Increasing demand for potash



Potash price development



Supplier structure on the global potash market 2022



Source: IFA 2022 preliminary, K+S, company data **Basis:** Year 2022 – incl. Potassium sulfate and low-grade potash

Between desire and reality

Classification of potash projects announced since 2006 (Greenfield)

new, start-up companies.



Reasons for project cancellation

Current

ramp-up

projects in

 Legal framework
 Energy supply
 Water supply
 Transportation routes

 Image: Colored colored

Various greenfield projects planned in Thailand, Laos, Russia, Kazakhstan,

Companies involved include BHP Billiton, K+S, state-owned companies, and

Uzbekistan, Belarus, Canada, USA, Brazil, and Argentina, among others.

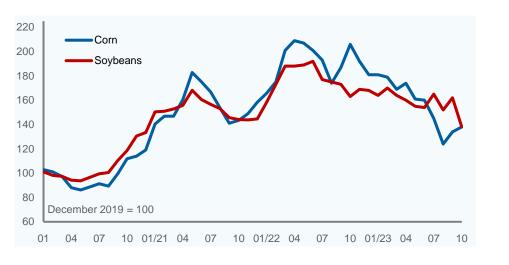
Source: World Potash Developments, Mark D. Cocker & Greta J. Orris, 2012

K/S

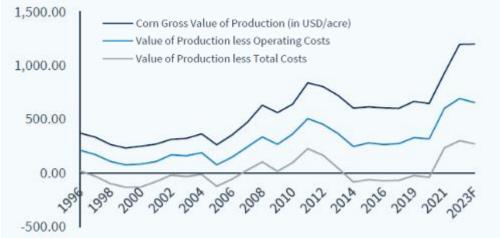
Continued positive environment

Farmer profitability at historically high level

Price development of agricultural commodities since 01/2020



US corn farmer profitability in USD/acre since 01/1996

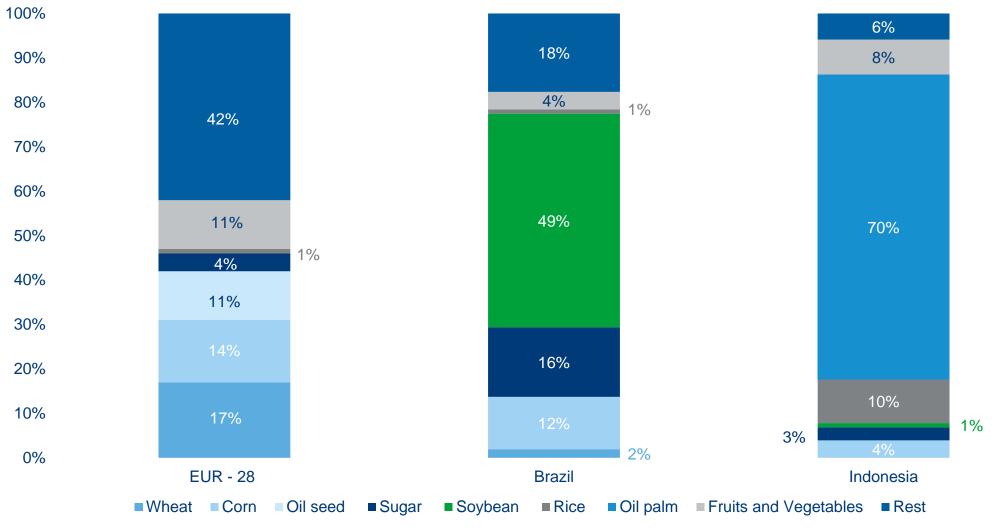


Source: Worldbank

Source: USDA, Kepler Cheuvreux

- Sharp increase in crop prices significantly exceeds higher input costs; leading to farmer profitability
- at all-time highs in some regions
- Potash costs only account for ~5% of total input costs

Potassium use by crop in selected countries



Source: IFA, "Fertilizer Use by Crop" based on data from 2014, published 2017

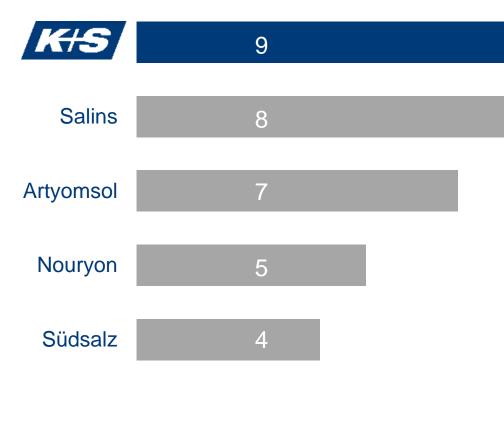
Global potash sales volume by region

million tonnes	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Western Europe	5.6	5.8	6.2	6.0	5,9	6,2	6,2	6,0	6.2	6.5	5.0
Central Europe/FSU	5.1	4.7	4.4	4.8	4.8	5.2	5.4	5.5	5.6	6.2	5.3
Africa	0.7	0.8	1.0	1.0	1.1	1.4	1.6	1.4	1.6	1.9	1.4
North America	9.1	9.7	11.8	9.5	10.9	11.2	11.5	9.8	11.7	12.4	9.2
Latin America	10.5	11.0	11.9	11.5	12.2	12.7	13.7	13.5	15.8	17.2	13.0
Asia	23.4	26.2	32.4	32.3	30.1	32.5	32.6	31.6	35.7	32.0	30.2
- thereof China	12.0	13.8	16.7	18.5	16.2	16.2	16.3	17.8	19.5	16.3	17.2
- thereof India	2.8	3.5	4.5	4.1	4.0	5.0	4.5	4.5	5.4	3.3	2.6
Oceania	0.4	0.5	0.7	0.6	0.6	0.7	0.8	0.7	0.7	0.8	0.6
World total	54.8	58.7	68.4	65.7	65.6	69.9	71.8	68.5	77.3	77.0	64.7

Incl. potassium sulfate and low-grade potash of around 5 million tonnes eff. ; Sources: IFA, K+S

Supplier structure on European salt market

Capacity in million tonnes (crystallized salt and salt in brine; excl. captive use)



Source: Roskill, K+S

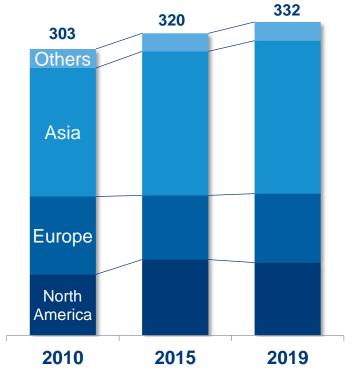


K/S

Development of salt consumption and production

Consumption (in million tonnes)

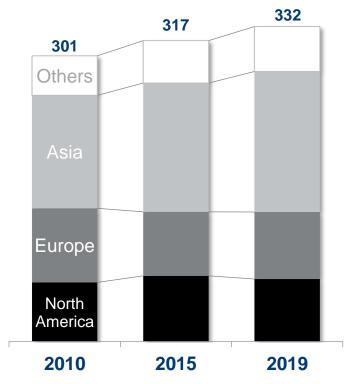
Between 2010 and 2019, global consumption increased by about 0.90% yoy to a record 332 million tonnes.

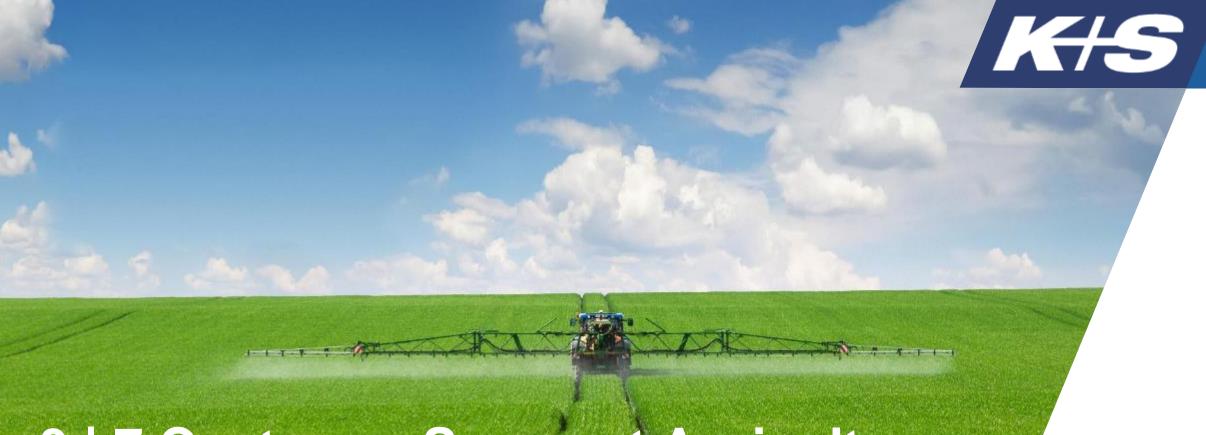


Source: K+S, Roskill

Production (in million tonnes)

World production reached a record of more than 330 million tonnes in 2019. It increased by an average of 1% yoy between 2010 and 2019.





3 7 Customer Segment Agriculture

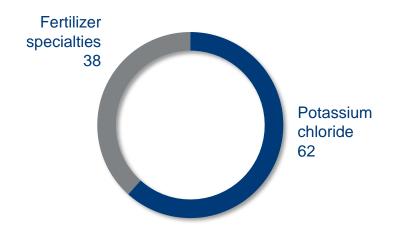
Agriculture customer segment at a glance

others Asia 19 Asia 19 South America 29 North America 6

Revenue split by region 2022 (%)

in € million	Q3/2022	Q3/2023
Revenues	1,162.8	620.7
Sales volumes (million tonnes)	1.56	1.87

Revenue split by products Q3/2023 (%)



Characteristics

- Close proximity to our most important customers as a logistical advantage
- Shipments to overseas customers at competitive costs from Hamburg harbour
- Solid and long-term customer relationships
- Broad specialty portfolio provides flexibility and stability, partly following different trends and seasons

Our ingredients of natural origin



Foliar and liquid fertilizer					
an a					
epso TOP *	The basic ingredient for foliar fertilization				
epso <u>MICROTOP</u> *	 Our specialist for root and leaf crops 				
epsocombitop*	 Our specialist for health and quality 				
epso BORTOP *	 Our specialist for rapeseed and sugar beet 				
epsoprofitop*	 Our specialist for all your cereals 				
solumop	Our frost professional - for your winter yield security				
SOLUSOP [®] 52 ORGANIC	Our perfect source - potassium and sulfur for your crops				

Further information on our products:

www.kpluss.com/fertilizer



K/S



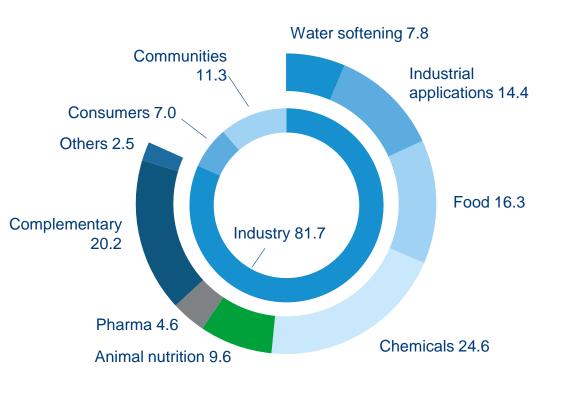
Industry+ customer segment at a glance

Characteristics

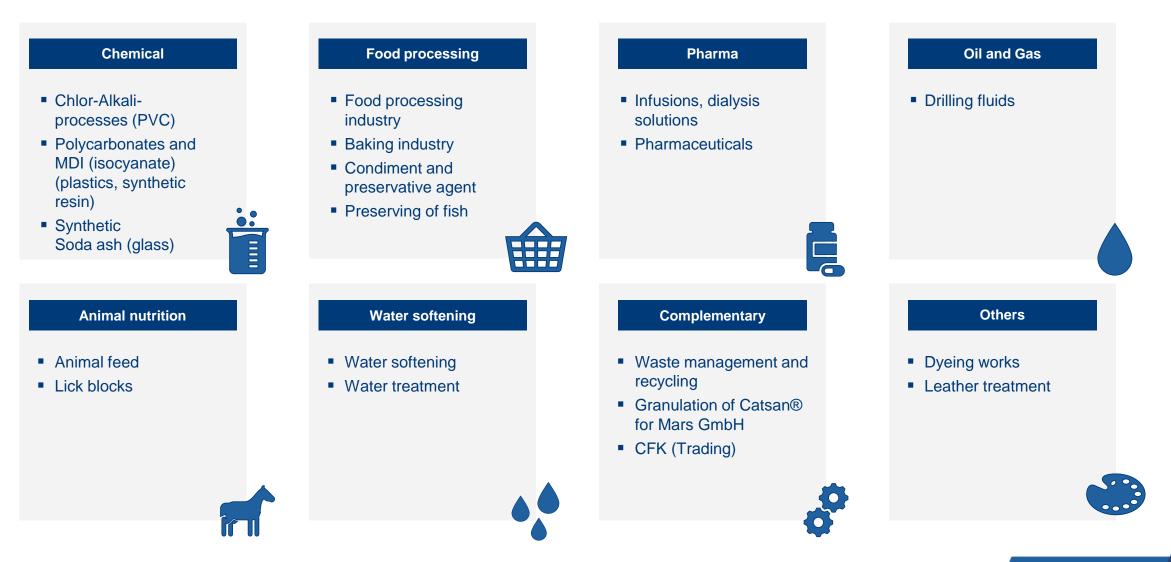
- Emerging markets: Growth, especially in Asia, leads to increasing demand for electrolysis.
- Electrolysis and specialties: Focus on product quality, service and proximity to the customer.
- Pharma: High quality standard, certified, innovative, and overarching customer focus as well as reliability.
- Consumers: Strong brands in table salt, water softening salt, pool salts, and de-icing salt.
- Communities: Public road construction authorities, winter road clearance service providers and large commercial users procure de-icing salt from K+S largely through public tenders.

€ million	Q3/2022	Q3/2023
Revenues	307.1	260.1
Sales volume (mt)	1.68	1.55
- thereof: de-icing	0.48	0.44

Revenue split by products 9M/2023 (%)



Main areas of application



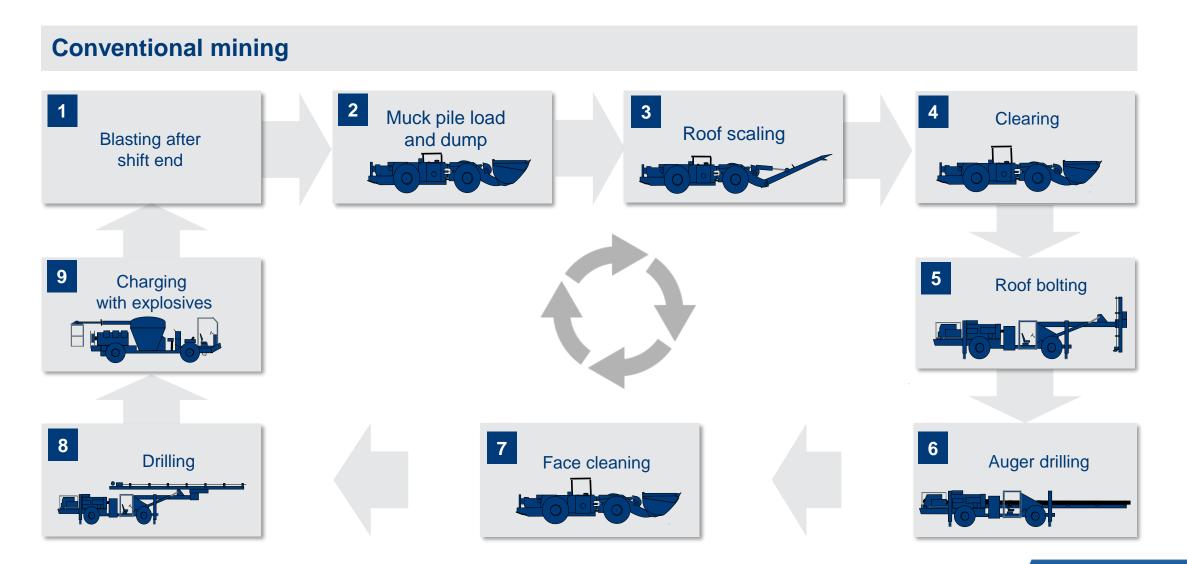
5 | 7 Production

K/S

Adding value along our entire supply chain

Exploration	Our potash and salt deposits came into being millions of years ago. They are either our property or we have corresponding rights or approvals that allow the extraction or solution mining of the raw material reserves.
Mining	We extract raw materials in conventional mining below ground as well as through solution mining. We also use the power of the sun and extract salt by evaporating sea water or saline water.
Production	The refining of raw materials is one of our core competencies. Above ground, the crude salt is processed in complex, multi-phase, mechanical, or physical processes, with the natural properties of the mineral remaining unchanged.
Logistics	The long-term securing of freight capacity is of strategic importance to us. A large part of our international transportation volume is forwarded by service providers with which we maintain long-standing partnerships.
Sales/ Marketing	The K+S Group wants to be the preferred partner of its customers in the market. High product quality and reliability are crucial prerequisites for this. K+S offers a comprehensive range of services for agriculture, industry, and private consumers.
Application	 Our customers apply our products, use our raw materials in their processes or process them in their products. We make extensive product information available and advise our customers on the application of our products.

Underground mining production cycle



Main production methods



- Around 60% of worldwide salt production (more than 290 million tonnes including brine) is obtained from rock salt mining and solution mining.
- Approximately 40% of production is obtained from seawater and salt lakes.¹

Salt is produced in almost every country in the world. Due to the high share of transportation costs in production costs, markets are generally regionally limited to the area around the production sites.

¹ Roskill Information Services Ltd., 2020

Potash sites in Germany

Share of annual production capacity (in %)

- 1. Wintershall
- 2. Unterbreizbach Verbundwerk Werra ~ 50

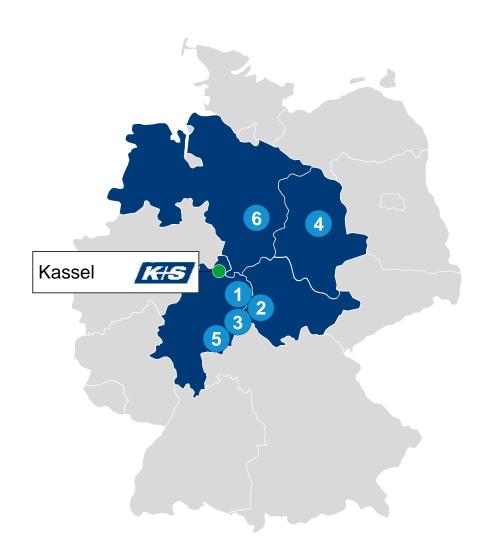
~ 25

~ 20

~ 5

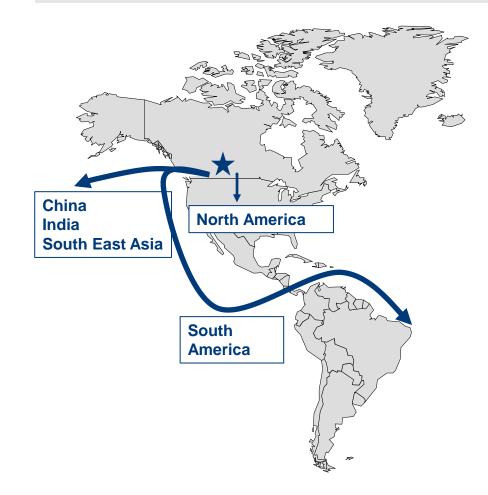
- 3. Hattorf
- 4. Zielitz
- 5. Neuhof-Ellers
- 6. Bergmannssegen-Hugo

(production site, no mining)



K+S in Canada: Bethune

Strengthening our global presence



- Expanding our current production portfolio in Germany with a North American production site
 Only supplier with production on two continents
- Securing a good asset base with competitive production costs
- Sales and distribution through existing distribution structures of the K+S Group
- Regional growth projects in China and Southeast Asia
- Flexible multi-product strategy

Bethune – Solution Mining

Procedure (Primary Mining)

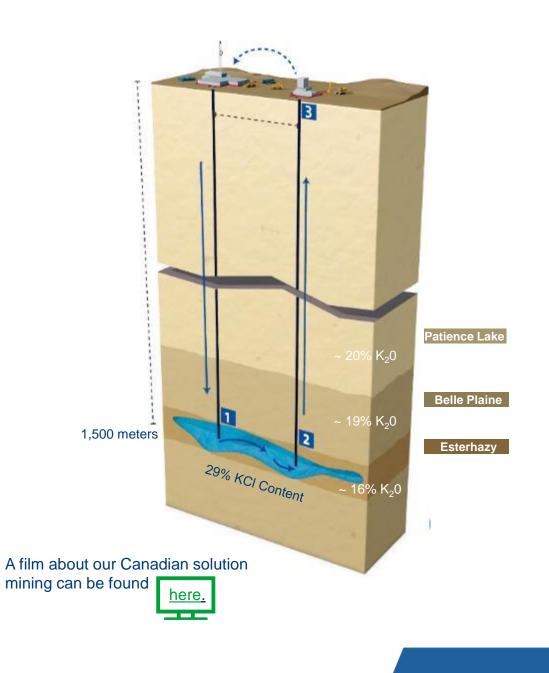
Mining technique	Solution Mining
Depth	1,500 meters
Thickness	33 meters
K ₂ O / KCI Content	18% / 29%

- In solution mining, freshwater is brought into solvent (salt) rock through a drill hole, therefore creating chambers, or caverns, filled with a water-salt solution.
- 2

1

- In a subsequent step, the saturated brine is brought to the surface through an additional pipeline.
- 3
- This brine is then evaporated in the factory and processed into potash products. The water obtained during evaporation is recirculated back into the caverns.

Environmental impact statement approved for up to 4 million t KCl p.a.



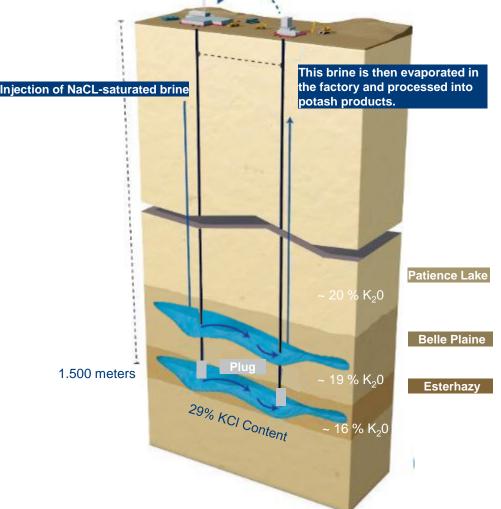
Bethune – Primary vs. Secondary Mining

Secondary Mining

Secondary mining uses exclusively saturated NaCl solution to selectively dissolve residual KCl from existing caverns.

Advantages (in comparison to primary mining)

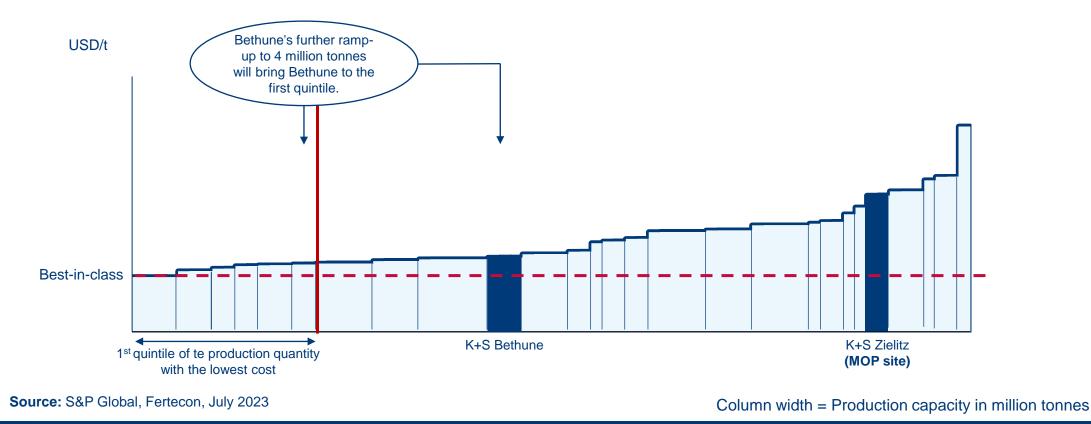
- Less energy-intensive (e.g., the solution is heated by residual heat from the evaporators and KCI crystallizes by natural cooling in outdoor ponds)
- Significantly more water-efficient
- Reduces salt to be piled up to by 30%



The production costs for NaCI solution mining are 50% of the production costs of primary mining.

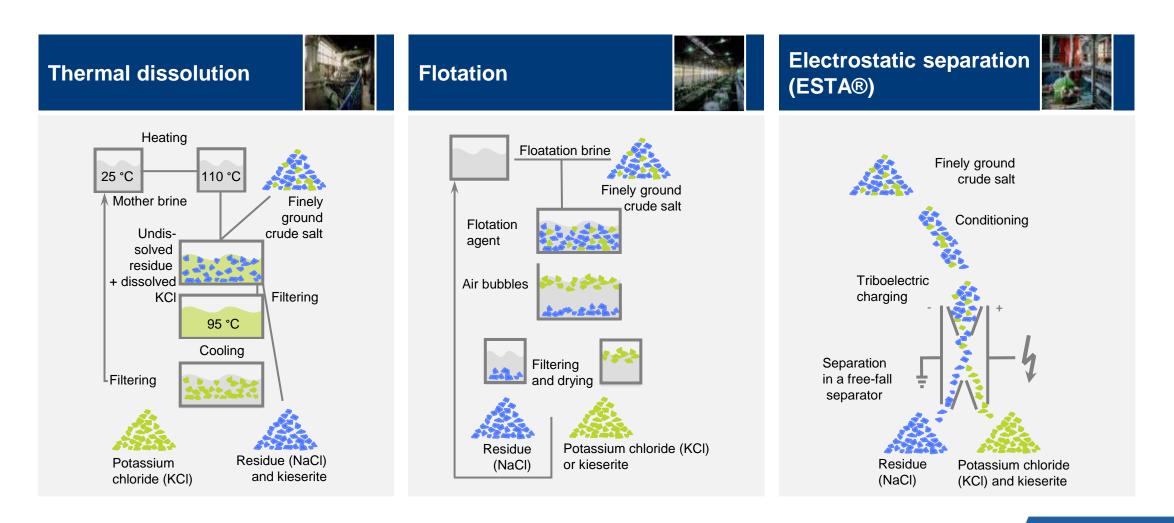
Site costs (at mine gate) in comparison

Ramp-up of Bethune as well as measures to optimize the portfolio business



Increasing improvement in cash costs and competitive position

Potash processing above ground



Potash production: management of residues

- Crude salt has only a limited recyclable content (max. 30%), therefore the generation of residues is inevitable.
 All potash producers worldwide face this challenge.
- The recycling of partial volumes is performed at all producers.
- The methods, processes, and equipment for the construction of tailings piles from solid residues are scientifically justified, tried and tested in practice. These ways of disposal depending on the corresponding site are used also in combination. They currently represent the best available technique. Solid or liquid residues are disposed of worldwide in the following ways:



Ø Share** of residue disposed by this method in the Hessian-Thuringian potash district in 2022:



~7.5%



~5%

~3.5%

* With low river water levels in the Werra, there are possibilities for K+S in the Hessian-Thuringian potash district to temporarily store liquid residues in water basins or suitable mine spaces on site or temporary ways of disposal by flooding decommissioned mines or gas caverns in Lower Saxony or Saxony-Anhalt.

** Percentage by mass of salt

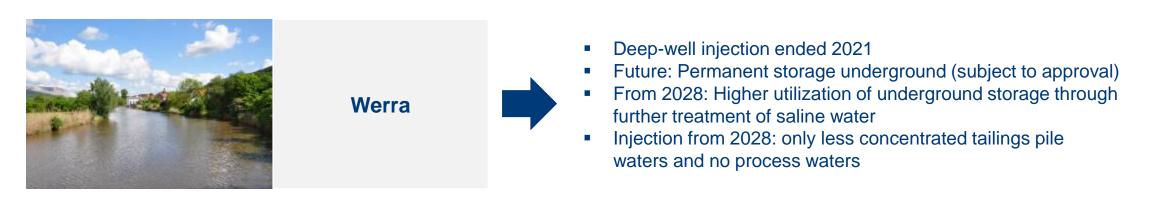
Green investments = long-term planning security

Tailings piles extensions



- Approval of Hattorf tailings pile expansion (phase 3) in mid-2025 and investments required
- Next approval and significant investments in tailings pile extensions will not be necessary again until the end of the 2020s

Liquid residues



Tailings pile coverage and greening

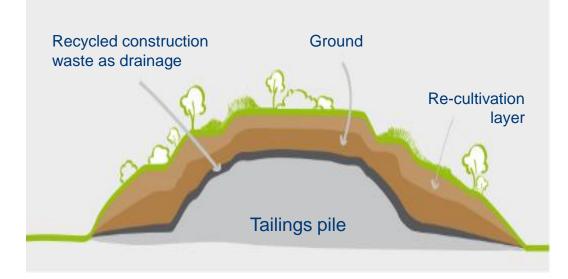
Our objectives

- From 2030 onwards, K+S will be able to use three million tonnes of residue annually for purposes other than rearming.
- By 2030, we want to cover a further 155 hectares of tailings pile area and thus further reduce or avoid the accumulation of tailings pile water.

The procedure

Soil and construction rubble are installed in several layers on the stockpile in a precisely defined process.

→ Formation of a cover, the upper layer of which is permanently greened.



Tailings pile and process water at the Werra site

Development of saline wastewater

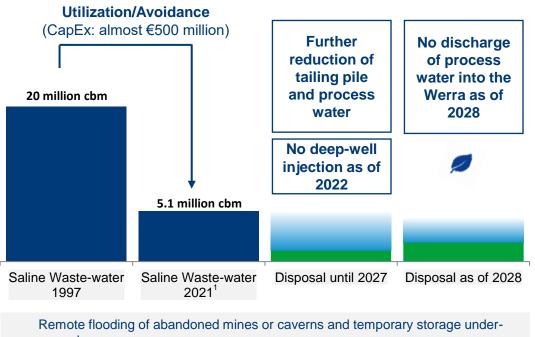
Reduction of saline wastewater based on various measures within the last 25 years:

- Underground disposal in Unterbreizbach
- Optimization of production and manufacturing processes
- ESTA facility, cold preliminary decomposition and high consistency facility, kainite crystallization and MgCl2 facility
- Establishment of a kainite crystallization and flotation facility; advantage: additional product

Additional ways of disposing saline wastewater

- On-site: Temporary storage possibility of up to 1.0 million m³ (basins and temporary storage underground).
- Off-site: Flooding of decommissioned mines or caverns for their restoration.
- As part of our strategy and the optimization of our existing business, the focus at the Werra site will be on reducing solid and liquid residues as well as energy consumption and therefore CO₂ emissions.

Disposal of saline wastewater



ground as of 2022: permanent storage underground (subject to approval);

as of 2028: higher utilization of storage underground with additional processing

Discharge Werra² in compliance with the target values of the FGG Weser as of 2028: only tailing pile water

¹ Including Neuhof

² Further reduction and avoidance of tailing pile water targeted by covering tailings piles; continuing R&D developments with external partners, among others

K/S

Underground storage in Springen

Our objective

- Our first goal of discontinuing the injection of saline wastewater into the plate dolomite as of 2022 has been accomplished.
- Discontinuing the discharge of saline wastewater into the Werra as of 2028.

The solution: Storage of process water into disused cavities



→ Mine field Springen offers 21,000,000 m³ of space for underground storage.

The procedure

- Highly concentrated saline solution from potash production is discharged into the mine field via existing lines.
- Due to the high salt concentration of the liquid, the salt pillars, which are responsible for the stability of the shaft, are not damaged.
- Finally, the old shafts are tightly closed with gravel and clay so that no saline water can discharge.



6 7 Sustainability

K+S Sustainability Goals



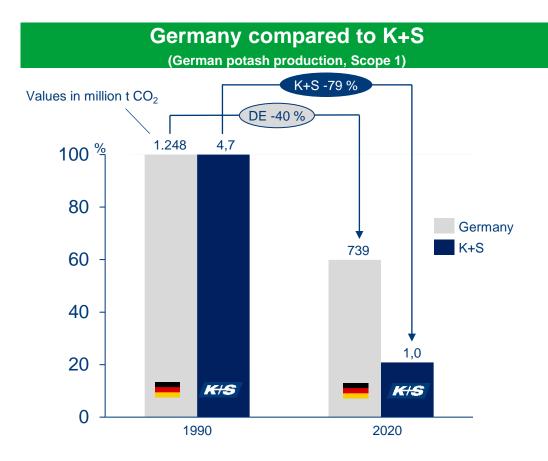
We have set ourselves ambitious goals in these three areas of action:

Society & Employees, Environment & Resources and Business Ethics & Human Rights

- The human being is our focus
- Active commitment to environmentally friendly production
- Integrity & a sense of responsibility characterize our actions



K+S Climate Strategy



80% of CO_2 emissions already reduced (1990 – 2020): Through fuel change, increased energy efficiency and site closures.

Short-term goal

Introduction of a "K+S climate protection fund" from 2022 to reduce our CO_2 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 internationally achieved with a supportive regulatory framework.

K+S calls for fair competitive conditions worldwide (this requires carbon leakage protection), sufficient and resilient energy **infrastructure**, **funding** for the conversions and **affordable renewable energies**.

K+S Sustainability Goals 2030

	Goal	KPI	2022	Target value 2030	Base year	Achievement of targets
Society & Employees	Health & Safety	Injury with lost time (LTIR)*	8.3	0 Vision 2030	2017 (11.5)	28%
Soci Emplo	Diversity & Inclusion	Positive perception of an inclusive work environment by employees ¹	87%	> 90%	2019 (54.4)	97%
		Percentage of critical suppliers that have acknowledged the Supplier Code of Conduct of the K+S Group*	89.6 %	100% end 2025	2017 (0)	90%
Ethics & Rights	Sustainable Supply Chains	Coverage of the purchasing volume by the Supplier Code of Conduct of the K+S Group*	84.5 %	> 90% end 2025	2017 (0)	94%
Business Et Human Ri		Coverage of relevant suppliers with a sustainability risk assessment.*2	-	100 % end 2027	2023	
	Compliance & Anti-Corruption	Coverage of the K+S companies with a standardized compliance risk analysis (was designed 100% in 2020 after achieving the previous target)	66.7 %	100 % end 2023	2020 (0)	67%

* LTI-relevant (Board of Executive Directors and management)

¹ The first survey was conducted in 2019 (different base year), and an updated survey with new questions was conducted in 2022

² Comprises suppliers with annual revenues of at least €5,000 whose registered office is in a country with a relative value of ≤ 75% in the Sustainability Development Report

ranking. This includes consolidated and non-consolidated K+S Group companies managed via the SAP system.

K/S

K+S Sustainability Goals 2030

	Goal	КРІ	2022	Target value 2030	Base year	Achievement of targets
c		Additional reduction of saline process water to be disposed of from potash production in Germany (million m ³ p.a.)* ¹	-0.4	-0.5 (excluding reduction by KCF facility and end of production SI)	2017 (0)	82%
Environment & Resources	officiency		0.2 ¹	3	2017 (0.2)	7%
ment		Additional covered tailings piles area	14.1	155	2017 (0)	9%
Environ		Absolute CO_2 emissions in the K+S Group worldwide	-3.0%	-10%	2020	30%
	Energy & Climate	Reduction in specific CO ₂ emissions* ²	-	254.6 kg/t end 2027	2023	
		Specific greenhouse gas emissions (CO_2) in logistics (kg CO_2e/t)	-13.1%	-10%	2017	100%

* LTI-relevant (Board of Executive Directors and management)

¹ Excluding a reduction due to the KCF plant and the end of production at Sigmundshall.

² Calculated by the ratio of CO2 emissions (Scope 1 and Scope 2) of all potash and rock salt producing sites in kilograms to the primary production volume of the Hattdorf,

Wintershall, Unterbreizbach, Bethune, Zielitz, and Neuhof-Ellers sites.

61

K+S Sustainability Management

Organization	Rating scale	Previous rating	Current rating
MSCI 💮	Rating scale from AAA to CCC	AA	AA
ISS <mark>E</mark> SG⊳	Rating scale from A+ to D-	C-	С
SUSTAINALY TICS	Rating scale from 0 to 40+ (The lower, the better)	36.8	35.2
FTSE Russell	Rating scale from 0 to 5 (The higher, the better)	3.2	3.3
	Rating scale from A to D-	Water: B Climate: C	Water: B Climate: C

International Engagement











Our contribution to the 17 SDGs

K+S makes a direct contribution to a number of global sustainable development goals – and thus contributes to the fulfillment of the goals. More information and more details about our article can be found <u>here</u>.



Our future – The climate-friendly potash production

In future, we want to produce "green potash" with the lowest possible CO_2 footprint – compared to today and compared to our foreign competitors.

To do this, we are treading two paths in parallel:



The change in production and processing processes – from wet to dry processing



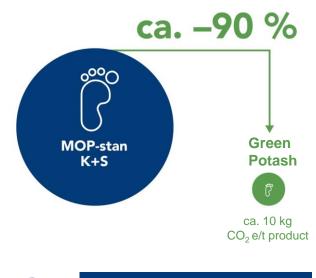
The **change in energy use** – from fossil fuels to renewable energies

With the "Werra 2060" project, we are taking the first major step in **changing our production processes**. To do this, we need to extract and process the crude salt from the reservoir in a way that is as climate-neutral as possible. This transformation project is the only one of its kind in potash mining in the world. In Zielitz, we have launched a pilot project for the use of power-to-heat, thereby pushing a **change in energy use** ahead.

The de-carbonisation of the entire German potash production requires **state support**: in the provision of infrastructure and green energy sources, in the development of legal frameworks, in procedures (planning acceleration) and in the **provision of subsidies**.

Green potash for sustainable agriculture

Development of CO₂e footprint green potash (MOP)



The reduction in emissions results from the conversion of consumption from fossil to renewable energy.

The remaining emissions are distributed across sub-processes that (so far) cannot be converted.

Z	Aggregated CO2e footprint N K+S

Green potash with renewable energy use

(The calculations are based on average German production, excluding Canadian production).

10P

Essential requirements for the change in technology

In future, we will be able to produce "green potash" in Germany with the lowest possible CO_2 footprint. Both ways of achieving this – changing the production and processing methods as well as changing the use of energy – require high investments.

The potash industry needs a **supportive regulatory framework** for this:



High availability of green electricity to facilitate the production of green potash



Expansion of renewable energies and targeted grid connection to meet increased electricity demand

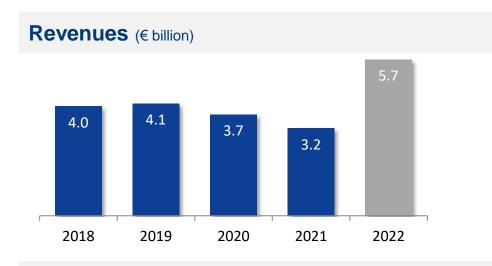


Offsetting additional expenditure incurred by using green electricity through government funding



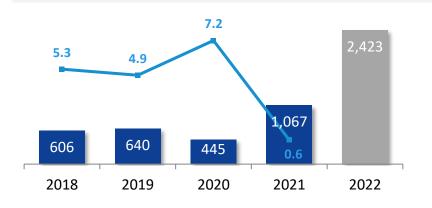
7 Financial data & IR

Key financial figures¹

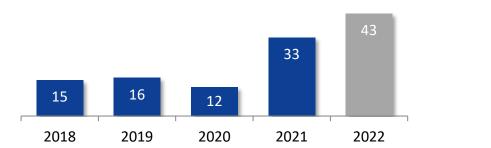


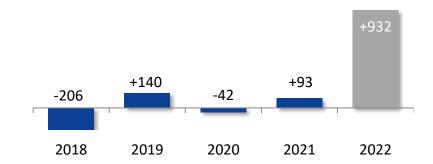
EBITDA margin (%)





FCF (€ million)

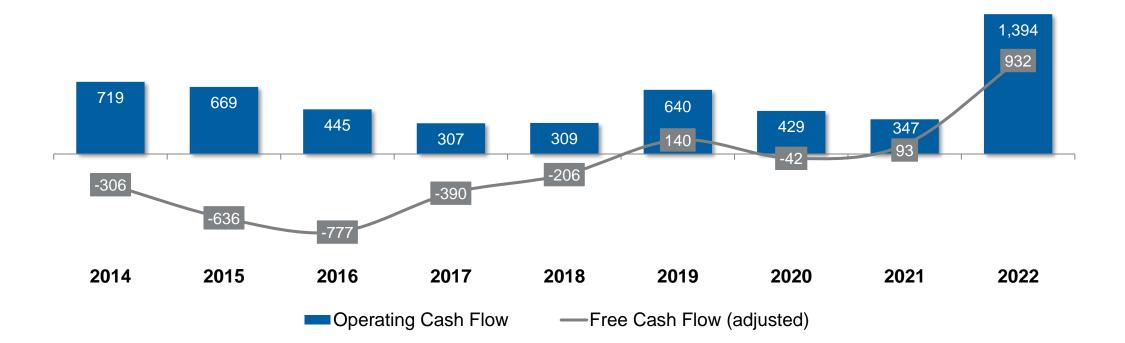




¹ The figures relate to the continuing and discontinued operations of the K+S Group for the years 2018 to 2020. For the years 2021 and 2022, the figures relate to the continuing operations of the K+S Group.

² As of December 31, 2022, there are no longer any net financial liabilities.

Operating and adjusted cash flow¹



¹ The figures relate to the continuing and discontinued operations of the K+S Group for the years 2014 to 2020. For the years 2021 and 2022, the figures relate to the continuing operations of the K+S Group (in € million).

Cash flow and balance sheet

	FY/21	3M/22	H1/22	9M/22	FY/22	3M/23	H1/23	9M/23
Operating cash flow - thereof continuing operations	347	254	486	1,143	1,394	221	484	657
Investing cash flow (pre-sale/purchase of securities and other financial investments) - thereof continuing operations	-255	-151	-252	-329	-462	-107	-210	-329
Adjusted free cash flow - thereof continuing operations	2,691 93	103	234	814	932	113	274	328
Capex - thereof continuing operations	334	49	125	240	404	78	199	347
Net financial liabilities (-); Net financial asset position (+) ¹	-606	-520	-426	+152	+245	+347	+261	+241
Net financial liabilities/EBITDA ¹ (LTM)	0.6	0.4	0.2	-	-	-	-	-
Equity ratio	61%	63%	65%	65%	68%	71%	71%	71%

¹ As of December 31, 2022, there are no longer any net financial liabilities.

K+S Share

Key data

- WKN: KSAG88
- **ISIN:** DE000KSAG888
- Type of shares: registered shares of no-par value
- Total number of shares: 191,400,000¹
- Trading segment: Prime Standard
- Ticker symbols: Bloomberg SDF/Reuters SDFG
 ¹ of which 12.3 million shares have been repurchased as of November, 2023

Shareholder structure as of Dec 31, 2022



The following banks publish research studies about K+S

- Baader Helvea Equity Research
- Bank of America
- Bank Pekao Equity Research
- Berenberg Bank
- BMO Capital Markets
- Citi Research
- Deutsche Bank

- DZ Bank AG
- Exane BNP Paribas
- Jefferies Equity Research
- J.P. Morgan
- Kepler Cheuvreux
- LBBW
- M.M. Warburg

- Morgan Stanley
- Oddo BHF
- Pareto Securities AS
- Scotia Capital
- Société Générale
- Stifel
- UBS

Share buyback 2023

K+S has successfully completed the share buyback.

Since mid-May 2023, K+S has bought back a total of 12.3 million of its own shares for just under €200 million (ISIN DE000KSAG888) at an average price of around €16 per share. This corresponds to 6.4 percent of the Company's share capital. K+S aims to cancel the bought-back shares by the end of 2023.

- 12.3 million own shares (6.4% of the share capital) bought back for just under €200 million
- Average price of about €16 per share

The share buyback supplemented the dividend payment of €1.00 per share for the 2022 financial year. K+S has therefore returned capital totaling around €390 million to its shareholders – this corresponds to a good 40 percent of the adjusted free cash flow for 2022.

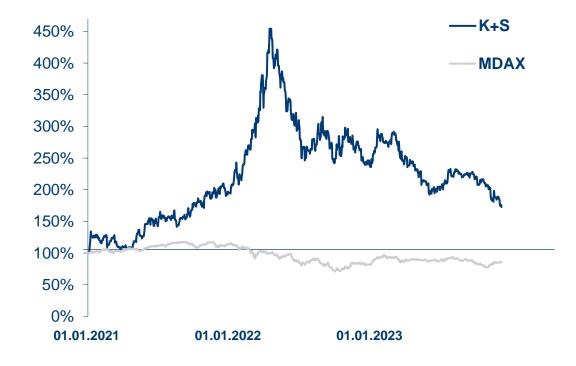
"After the record year 2022, it was important for us to let our shareholders participate in this success. With the completion of the share buyback and the dividend payment for 2022, we have returned a total of around €2 per share to our shareholders, taking appropriate account of the different interests within our shareholder structure," says Dr. Burkhard Lohr, Chairman of the Board of Executive Directors.

Further information on the share buyback can be found on our website: <u>www.kpluss.com/sharebuyback</u>

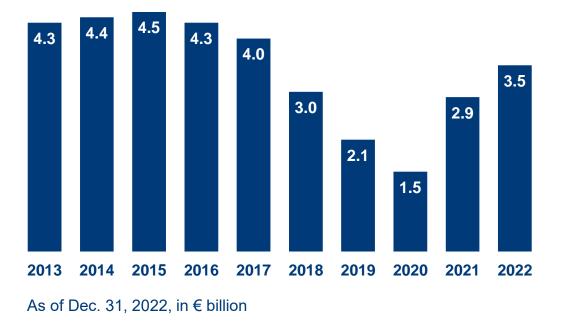
Share performance

Performance of the K+S Share

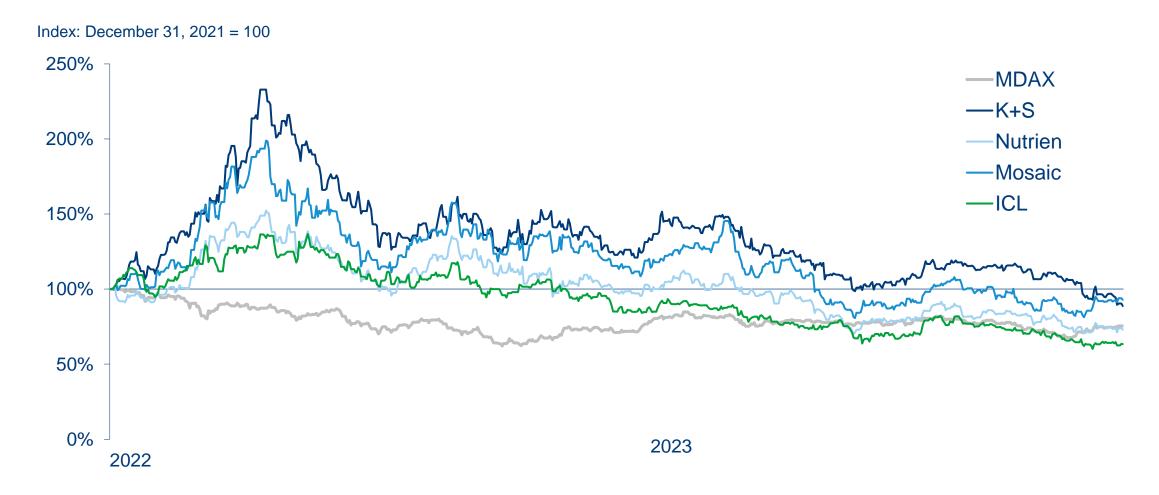
Index: December 31, 2020 = 100



Market capitalization



Performance of the K+S share in comparison



K/S

K+S ADR Programme

The K+S ADR Program offers North American investors the opportunity to take stock in K+S. Since the ADRs are quoted in US dollars and dividends are also distributed in US dollars, this financial instrument closely resembles an American share. Two ADRs represent one K+S ordinary share. The K+S ADRs are traded in the United States under a level 1 ADR Program in the over-the-counter market (OTC).

Trade on OTCQX

Symbol:	KPLUY
CUSIP:	48265W108
Ratio:	2 ADRs = 1 Share
Country:	Germany
ISIN:	DE000KSAG888
Depositary:	The Bank of New York Mellon

Benefits to North American investors

- Clear and settle according to normal U.S. standards
- Stock quotes and dividend payments in U.S. dollars
- Can be purchased/sold in the same way as other U.S. stocks via a U.S. broker

KS

Cost-effective means of international portfolio diversification

Further information: www.kpluss.com/adr

K+S debt instruments and issuer rating

Issuer rating (S&P): BBB- (outlook: stable), June 2023

	Bond 07/2024 (3-months-par-call)
WKN	A2N BE7
ISIN	XS1854830889
Listing	Luxembourg SE
Issue volume	€600 million
Outstanding volume	€278 million
Issue price	100.000%
Coupon	3.250%
Maturity	18.07.2024
Denomination	€100,000

+ Syndicated credit facility up to €400 million

+ Commercial paper program as an additional source of liquidity

Financial calendar

2023 Annual Report: December 31, 2023	March 14, 2024
Quarterly Report: March 31, 2024	May 13, 2024
Annual General Meeting	May 14, 2024
Half-Year Financial Report; June 30, 2024	August 14, 2024
Quarterly Report: September 30, 2024	November 14, 2024

More content available online

- K+S Website: www.kpluss.com
- Annual reports: www.kpluss.com/ar2022

- Newsletter subscription: www.kpluss.com/newsletter
- Social Media: in X

Investor Relations Contacts



Nathalie Frost Senior Investor Relations Manager Julia Bock, CFA Head of Investor Relations Esther Beuermann, MBA Senior Investor Relations Manager

Phone: + 49 561 / 9301-1403 Fax: + 49 561 / 9301-2425 nathalie.frost@k-plus-s.com Phone: + 49 561 / 9301-1009 Fax: + 49 561 / 9301-2425 julia.bock@k-plus-s.com Phone: + 49 561 / 9301-1679 Fax: + 49 561 / 9301-2425 esther.beuermann@k-plus-s.com

K+S Aktiengesellschaft, Bertha-von-Suttner-Str. 7, 34131 Kassel (Germany)

Email: investor-relations@k-plus-s.com

IR-Website: www.kpluss.com/ir

Website: www.kpluss.com

Newsletter: www.kpluss.com/newsletter

Disclaimer

No reliance may be placed for any purpose whatsoever on the information or opinions contained in the Presentation or on its completeness, accuracy of fairness. No representation or warranty, express or implied, is made or given by or on behalf of the Company or any of its respective directors, officers, employees, agents or advisers as to the accuracy, completeness or fairness of the information or opinions contained in the Presentation and no responsibility or liability is accepted by any of them for any such information or opinions. In particular, no representation or warranty, express or implied, is given as to the achievement or reasonableness of, and no reliance should be placed on any projections, targets, ambitions, estimates or forecasts contained in this Presentation and nothing in this Presentation is or should be relied on as a promise or representation as to the future.

This Presentation contains facts and forecasts that relate to the future development of the K+S Group and its companies. The forecasts are estimates that we have made on the basis of all the information available to us at this moment in time. Should the assumptions underlying these forecasts prove not to be correct or should certain risks – such as those referred to in the Annual Report – materialize, actual developments and events may deviate from current expectations. Given these risks, uncertainties and other factors, recipients of this document are cautioned not to place undue reliance on these forecasts.

This Presentation is subject to change. In particular, certain financial results presented herein are unaudited, and may still be undergoing review by the Company's accountants. The Company may not notify you of changes and disclaims any obligation to update or revise any statements, in particular forward-looking statements, to reflect future events or developments, save for the making of such disclosures as are required by the provisions of statue. Thus statements contained in this Presentation should not be unduly relied upon and past events or performance should not be taken as a guarantee or indication of future events or performance.

This Presentation has been prepared for information purposes only. It does not constitute an offer, an invitation or a recommendation to purchase or sell securities issued by K+S Aktiengesellschaft or any company of the K+S Group in any jurisdiction.

KS