

18 December 2020

# K+S Aktiengesellschaft Strong partnership in the waste management business: K+S and REMEX combine their strengths in joint venture REKS

# Partnering with REMEX is one important step out of the package of measures to reduce debt

- One focus of the package of measures to reduce debt was on future-oriented environmental solutions
- K+S and REMEX found joint venture REKS to join their powers in the waste management business
  - K+S with significant capacities as well as excellent knowledge for safe long-term underground waste reutilisation and disposal
  - REMEX as a leading market player for waste management of mineral waste of the construction sector and the industry with excellent market access
- Enhanced focus on attractive growth potentials and on long-term resource-friendly waste management solutions
- Long-term perspective for covering tailings piles
- Further milestone for the realignment of K+S and the implementation of the package of measures to reduce debt
- ✓ Intelligent use of our unique infrastructure
- ✓ Transformation of environmental obligations into an intelligent and solution-oriented business model
- Raise growth potentials of this attractive business and add value for both partners and shareholders

# Transforming environmental obligations into an intelligent and solution-oriented business model



- For reasons of water, environmental and nature conservation law, K+S is obliged to keep the impact of its mining activities on nature as low as possible
- In connection with the tailings piles, there are environmental obligations / perpetual burdens for the collection and disposal of salty waters caused by precipitation
- Waste disposal is a growth market, but the disposal options are becoming increasingly scarce
- The coverage of tailings piles will prevent the formation of salty waters and avoid perpetual burdens for K+S
- K+S has extensive experience in covering the Sehnde and Sigmundshall tailings piles
- REMEX has market access to the quantities required for covering tailings piles in Germany

### Therefore, environmental obligations will be transformed into an intelligent and solution-oriented business model



# Joint venture with benefits for all







+ Environment: Further reduction of tailings pile waters and renaturation of tailings piles (biodiversity!)

- + **Society**: Positive effect for circular economy and disposal reliability in Germany; relieving landfill space
- + **K+S**: Improved market access to several types of wastes for the covering of tailings piles due to the market position of REMEX helps to reduce tailings pile waters and therefore reduce perpetual burdens and provisioning requirements significantly
- + **REMEX**: Exclusive access to underground re-utilisation and disposal and access to according know-how in tailings pile managment and approval procedures

# Impact of the transaction on K+S

- Business contributed by K+S valued with an average EBITDA multiple of 20 times
- All underground assets as well as overground facilities of underground reutilisation and disposal stay with K+S
- K+S will realize a considerable book gain
- With closing of the transaction in summer 2021, K+S will generate a cash inflow of about € 90 million before tax, which contributes to the package of measures to reduce debt
- Potential to reduce corresponding mining obligations as additional contribution to reduce debt

## Transaction improves sustainability footprint and balance sheet

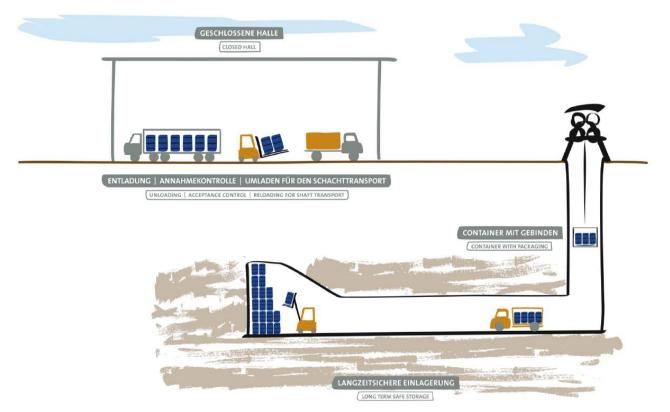


## **Background information**

## **Business areas K+S Waste Management & Recycling**

Underground reutilisation	<b>Disposal of less contaminated substances</b> Use of material waste characteristics through backfilling
Underground disposal	<b>Disposal of highly contaminated substances</b> Permanent withdrawal from the biosphere
Building materials recycling	Low contaminated building materials Covering material for the greening of tailings piles

## **Undergound disposal**



#### **Examples of waste types:**

- Electroplating residues
- Hardening salt residues
- Waste containing arsenic, cyanide or mercury
- Chemical distillation residues
- Filtration residues
- Contaminated soil and building materials
- Evaporation residues from landfill leachate
- Filter and ball mill dusts
- Hazardous fibre waste
- Residues from steel and metal industry

#### Safest solution for the disposal of hazardous waste

Underground storage facilities in salt rock are considered the safest solution for the disposal of hazardous waste. In underground storage, waste is removed from the biosphere permanently and without aftercare. The K+S Group is the only supplier to operate two underground storage - in Herfa-Neurode and Zielitz - and thus offers significant capacities.

## **Underground reutilisation**



## Stacked backfilling



#### Thick matter backfill



#### **Camber backfill**

- Bernburg (AUREC) also: solid mineral waste, mineral sludge

#### **Appropriate reutilisation**

In underground reutilisation, the building physical characteristics of the waste are used for mining or mining safety purposes to secure older mined fields 500 to 800 meters underground.

# Underground reutilsation



Customers

#### **Examples of waste types:**

- Flue gas cleaning residues
- Sewage sludge incineration ashes ٠
- Contaminated soil and building materials
- Bypass dusts/bymix dusts
- Sands
- Salts

## **K+S** building materials recycling





Typical materials used for recultivation:

- Excavated soil
- Building materials
- Track ballast
- Asphalt
- Solid waste from soil remediation

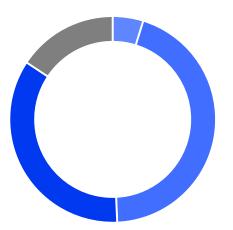
#### Solutions for the recycling of soil and building material

K+S building materials recycling specializes in the recycling of non-hazardous soil and building materials in installation classes\* Z0 to Z2. The materials are processed and used for the recultivation of the former potash tailings pile (currently Friedrichshall in Sehnde).

## **Overview of K+S Waste Management and Recycling Business 2019**

Total volumes: about 1.5 million tonnes

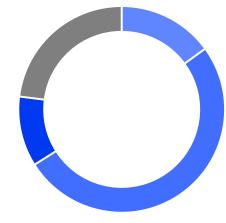
Volume share



- Underground disposal
- Underground reutilisation
- Building materials recycling segment
- Recycling of salt slag

Total revenues: almost € 90 million

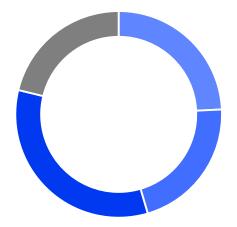
Revenue share



- Underground disposal
- Underground reutilisation
- Building materials recycling segment
- Recycling of salt slag

Total EBITDA: almost € 15 million

#### **EBITDA** share



- Underground disposal
- Underground reutilisation
- Building materials recycling segment

K/S

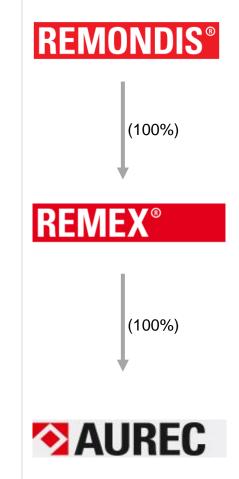
Recycling of salt slag

## **REMEX GmbH is part of the Remondis Group**

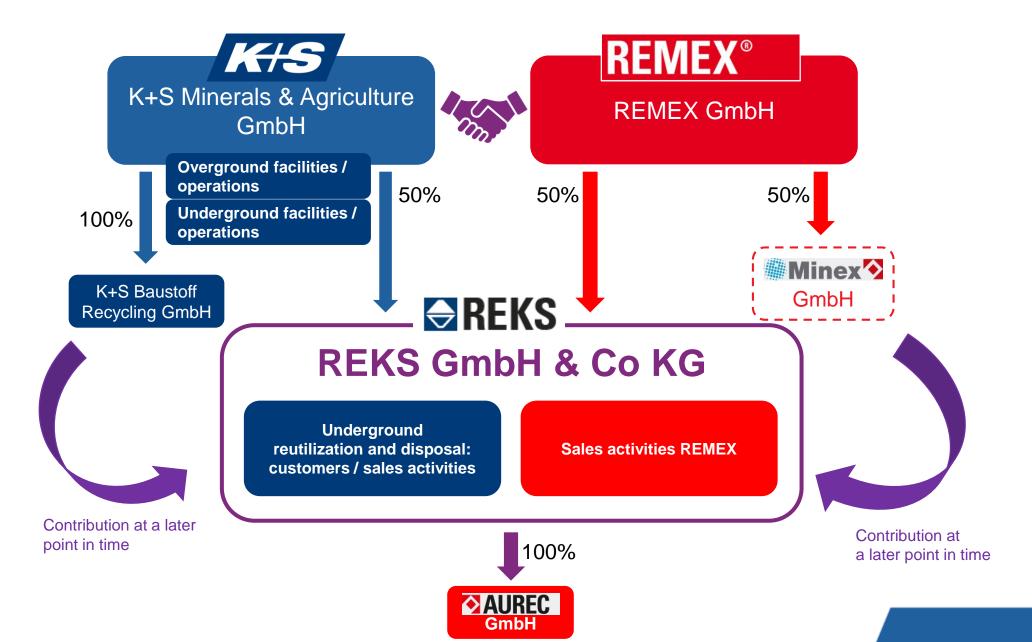
#### **General facts & business information**

- REMONDIS is one of the world's largest recycling, services and water companies with over 30,000 employees
- It is a family business (Rethmann family).

- REMEX GmbH (Düsseldorf) was founded in 1973. It has more than 800 employees at 60 national and international locations.
- REMEX's core business is the treatment and processing of mineral waste, e.g. the recycling of building materials, the production of substitute building materials, backfilling and landfill management.
- AUREC purchases mineral waste and operates a conditioning plant in Bernburg to produce backfill material for underground reutilsation.



# **Target structure of REKS GmbH & Co KG**



# **Additional information**

Financial calendar	2020/2021
Annual Report 2020	11 March 2021
Quarterly Report; 31 March 2021	11 May 2021
Virtual Annual General Meeting	12 May 2021
Dividend payment (subject to resolution of the AGM)	17 June 2021
Half-yearly Financial Report, 30 June 2021	12 August 2021
Quarterly Report, 30 September 2021	11 November 2021

#### More content available online

- K+S Website: www.kpluss.com
- Annual reports: www.kpluss.com/ar2019
- Newsletter subscription: www.kpluss.com/en-us/investor-relations/service/newsletter
- Social Media: in 🔀 🖸 🚺 🮯

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