

Alleima

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President & CEO

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Green Steel World

 Alleima





In brief

Through close long-term customer partnerships, we advance products, processes and applications in the most demanding industries.



# A world-leading advanced materials company

- High value-added products
- Strong market positions across a wide range of niche end-markets
- Fully integrated value chain

Revenues <b>1,729</b> EUR M, 2022	Recycled steel <b>83%</b> in products	Originates from <b>1862</b>	# FTE's <b>~6,500</b> incl. consultants
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- Premium offering across three divisions

Tube



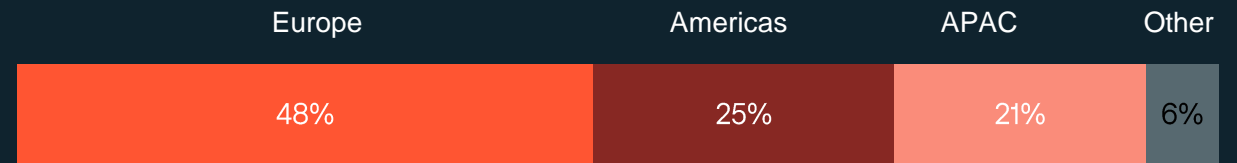
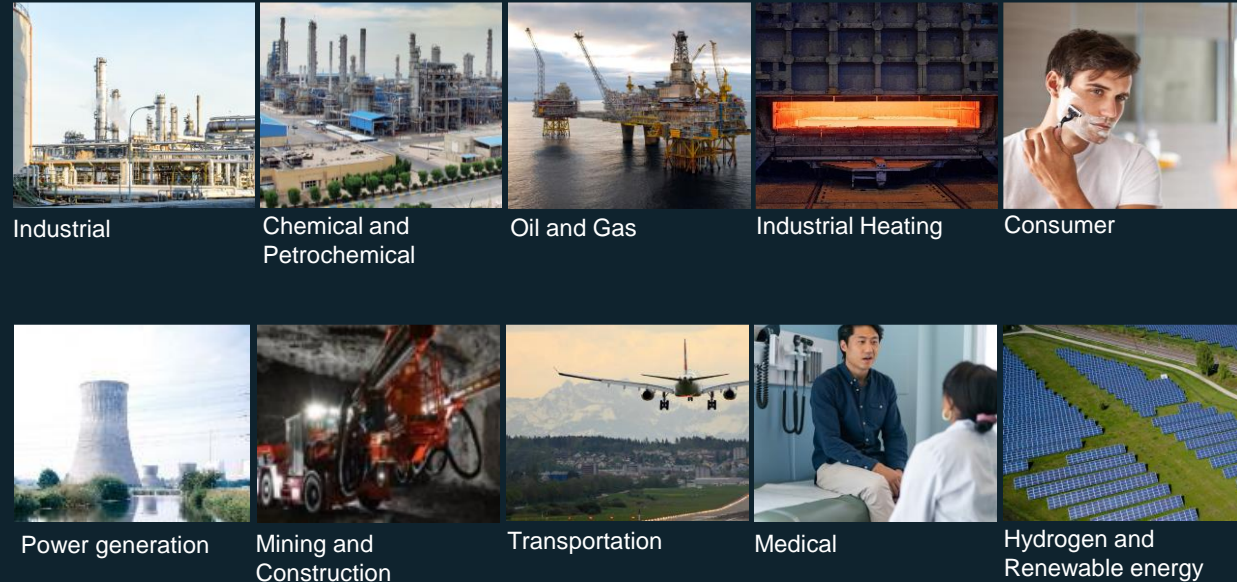
Kanthal



Strip



## Customer segments





# Fully integrated value chain with world-class capabilities

Customer need identification



Research & Development



Melting



Hot working



Cold working



Finishing



Sales & Marketing

Ensure independence and control of value chain

Enabling close customer collaboration

Secure product quality

Prerequisite for new materials and product development





# Global production footprint and go-to-market strategy



### Sandviken, Sweden

- One of Sweden's largest industrial sites in terms of ground area with c. 3,000 people working for Alleima
- Steel mill with melting and hot rolling
- Hot extrusion (3 extrusion presses)
- Tube mills (Seamless tube and pipe, steam generator tubing, Zirconium tubing)
- Rock Drill Steels
- Precision Strip
- R&D

Sales in **90** markets

**5** R&D centers

**40+** sales offices

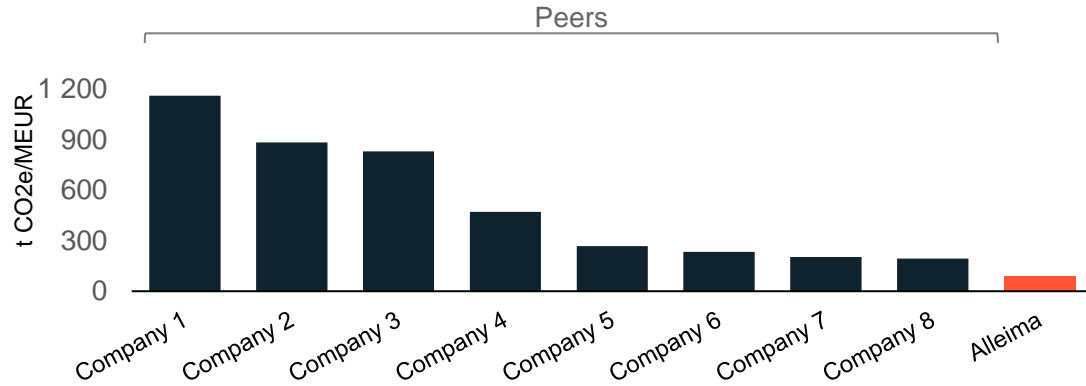
**26** production sites across the globe

- Global presence and proximity to customers
- Creating flexibility and back-up
- Enabling specialization

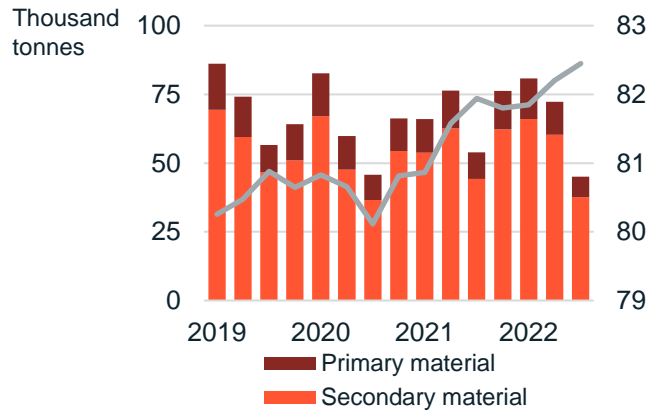


# A sustainability frontrunner

## Low greenhouse gas intensity (scope 1 and 2) compared to peers



## Circularity - high degree of recycled steel



Share of recycled steel in our production **80+%**

# Innovations advancing sustainability

## Advanced material enabling new technologies



**Hydrogen & Renewable energy**  
Materials for a variety of renewable or fossil free energy sources, energy storage and CO<sub>2</sub> capture/storage



**Energy transition & efficiency**  
Materials for increasing energy-efficiency, improving durability and safety



**Electrification of industry**  
Materials and applications for the transition from gas-powered to electrically heating



**Life-changing innovations**  
Materials for medical components and applications for life-support and treatment



# Enabling a sustainable future through materials technology

## Existing product offering and exceptional R&D as enabler

### Hydrogen & Renewable energy

- Hydrogen refueling stations
- Concentrated solar power
- Biopower
- Offshore wind power
- Carbon capture and storage
- Geothermal energy

### Electrification of industry

- Gas to electric industrial heating
- Also including high power industry
  - Steel industry
  - Petrochemical industry
  - Lithium-ion industry

### Energy transition & efficiency

- Hydrogen fuel cell technology
- Energy efficient compressor valve steel

### Life-changing innovations

- Cardiovascular
- Neurological
- Diagnostics and sensors
- Remote monitoring



# Advancing together



Glaspor in Norway converted from gas to electric and slashed energy costs by 40% and reduced emissions to zero:

*“We think this project and the Kanthal system will help us to maintain our position as the leading manufacturer of glass foam products.”*

Kjell Håkon Helgesen, CEO of Glaspor



Dutch SCW Systems develops novel technologies to convert organic waste streams into carbon-neutral, or even carbon-negative, energy carriers. SCW chose our Alleima Sanicro® family of nickel alloys and high-alloy austenitic stainless steels.

*“For scaling an innovative, promising technology like this one, a close relationship with your suppliers is key.”*

Wout de Groot, Director Business Development at SCW Systems



Mobile tubing container solutions are currently being deployed in Europe for Linde, a leading industrial gases and engineering company.

*“Installations on customer sites differ from project to project so it is essential to have tube solutions which allow us to realize different dimensions and lengths to connect the necessary units on the fueling station site.”*

Johannes Fritzer, Research & Development, Linde Hydrogen FuelTech





## Industry-leading sustainability

- Low carbon footprint
- 83% recycled material in final product
- 96% fossil free electricity
- Commitment to SBTi
- Participants in UN Global Compact

## Sustainability driver

- Global mega-trends drive demand for new materials:
  - Electrification of industries
  - Transition to fossil-free energy and energy efficiency
  - A growing and aging population
- More than 900 active alloy compositions enable:
  - Industries switch from gas to electrical heating
  - Renewable and novel technologies
  - Energy efficiency of products, applications and processes
  - Advancements in medical technology



Thank you  
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