

Scanacon

Fund
Alder II

Acquired
2018

Ownership
86%

Turnover 2023
143 mSEK

Climate-smart acid management

Scanacon is a world-leading supplier of acid handling systems used to produce specialty metals. The company offers solutions to achieve safe, efficient and high-quality handling of metal products at the lowest cost, while enabling the recycling of waste acids and minimising the consumption of scarce resources. Scanacon is headquartered in Stockholm and serves the global market from its offices in Sweden, the United States and China.

Shaping tomorrow's steel industry



Karl Holmqvist
CEO, Scanacon

Scanacon has gone from strength to strength this year with a game-changing R&D project to dramatically reduce CO₂ emissions of stainless steel and a more robust way to demonstrate the environmental benefits of our solutions.

Company outlook

When I joined Scanacon two years ago, my objective was clear: to grow the business by introducing new, sustainable products and reinforcing our position as an environmentally responsible company. The developments in 2023 affirm that we are on the right track, outperforming competitors in reducing landfill, minimising water use and lowering emissions of nitrates and CO₂.

During my two decades in the steel industry, sustainability has evolved from a mere annual report exercise to an integral part of our customers' business models. This is partly due to greater awareness, but also, in the face of emerging regional and international environmental regulations, we've witnessed a significant industry shift towards investing in environmental technology for compliance.

Highlights and challenges of 2023

This year's highlight has been the development of a metal recycling R&D project involving almost our entire team. The project will enable our customers to eliminate landfill and make all waste products circular in this process. If you compare our system to some existing technologies, we estimate that it will reduce CO₂ emissions by up to 90%. That makes this project a game changer for our industry and for the environment when steel has such a significant impact.

We have also begun leveraging the data we gathered in 2022 together with Material Economics on the environmental benefits of our services. We've transitioned from average assumptions to precise, realistic and customised calculations, providing transparent and detailed insights on the environmental impact of our products.

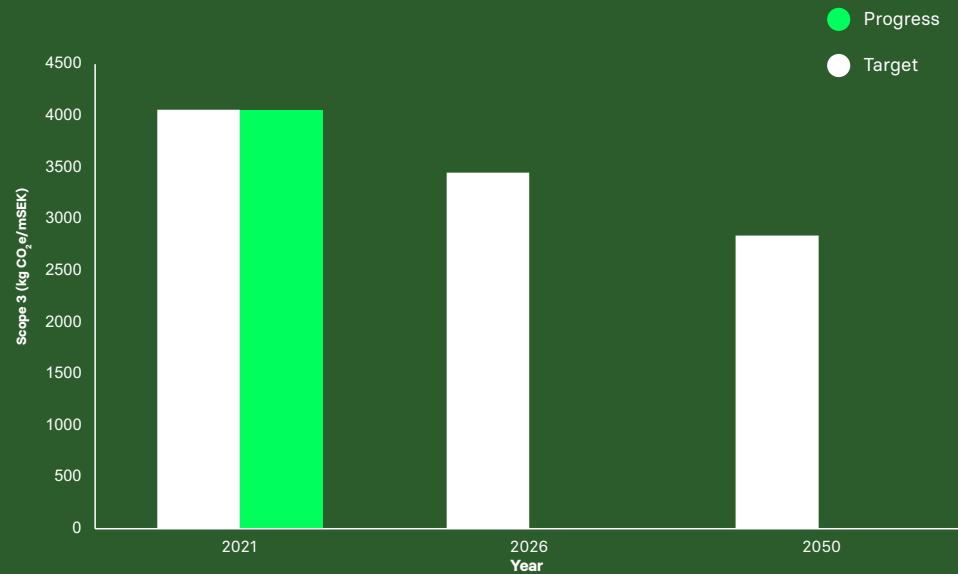
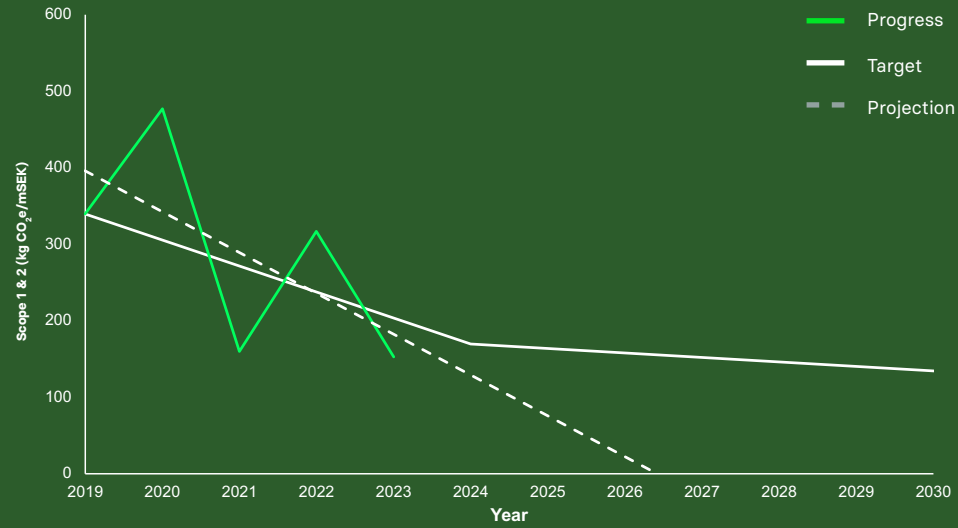
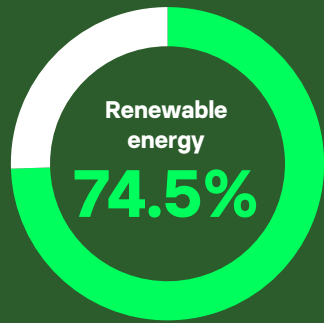
People are at the centre of our operations, and this year, we ran a physical and mental health program for our employees and had a Sustainability Day to involve the entire team in our progress. I'm proud of our team and I am convinced that the diversity within our company makes a more creative team that delivers better results.

Looking ahead

The next phase of our R&D project will take it from the drawing board to a scalable system supported by robust data. In the long term, our vision is to be recognised as the leading supplier in our niche for environmental systems – I am confident that we will achieve this ambition.

Planet

Footprint



Scanacon

Data

Handprint

Driving positive environmental impact

Scanacon contributes through CO₂ Reduction, Materials Recycled, and Landfill Avoided by safely handling hazardous acids, enabling a significant water-use reduction in stainless steel production, enabling recycling of up to 90% of acids, and reducing production and transport of acid through large-scale acid reuse.

Actions planned to increase handprint

- Continuous recirculation of acids and metals
- Reduced lime consumption
- Elimination of natural gases and less landfill compared to best available technologies
- Continuous development of metal recovery
- Closing the loop
- Reduction of sludge generation through acid recycling and metal recovery
- More projects within the circular economy

Impact KPIs

Reduce carbon footprint

Result

9355

Tonnes reduced CO₂ emissions

Improved resource efficiency

Result

2304

Tonnes reduced landfill

Land use improvement

Result

2850

Tonnes reduced nitrate discharge

People

49

Employees

Employee satisfaction



75%

Total



20%

Management



19%

Board



17%

Governance

People



System



Data



- Not started
- In progress
- Completed

Read more about governance systems and data measurement tools on page 26.