

# Microbas

Fund	Acquired	Ownership	Turnover 2024
Alder III	2024	75.0%	58.3 mSEK*

## Precision is the key to more efficient industries

Industry has a huge potential and responsibility to reduce its impact on climate change by, for example minimising resource consumption, reducing waste and carbon emissions, optimising resource use and realising a circular economy. Producing more with less while maintaining the highest quality is part of the solution for a greener industry.

Microbas enables this transition by delivering high-precision components and smart material choices that make their customers' processes more efficient. Their work often begins in the product development phase, where they collaborate to optimise the functionality and sustainability of end products, focusing on energy efficiency, waste reduction and enhanced durability.

\* Full 2024 turnover precedes Alder ownership



# Entering the Alder portfolio with new ways to support the green transition

## What were the highlights of 2024 for Microbas?

The major highlight was becoming part of Alder, which brings not just resources but a clearer sustainability focus. We've also made significant progress supporting cutting-edge green technologies, like ceramic membranes for hydrogen production and ultra-precise nozzles for solar panel coatings. These innovations allow us to enable advancements in renewable energy generation and storage, from improving solar efficiency to advancing battery manufacturing.

Internally, we started a more structured sustainability program with the support of Alder. This has been critical for understanding and reducing our footprint and enhancing our handprint.

## What is the company's long-term sustainability vision?

We see ourselves as enablers of the green transition. We focus on supporting industries where high precision is critical for creating more sustainable solutions. This includes sectors like renewable energy, semiconductors and next-gen battery manufacturing.

For instance, our precision manufacturing allows our customers to use less material and achieve better yields. Looking ahead, we aim to deepen our role in enabling green technologies while continuing to grow and support innovation globally.

## How do you contribute to reduced climate impact for your customers and society?

Our most significant contribution lies in precision. By manufacturing ultra-high precision components, we enable clients to minimise material use and achieve higher efficiencies. For example, our nozzles help research institutions coat solar panels with advanced materials, increasing energy conversion rates from 18-20% to as high as 34%. These products will soon be available on the market. Similarly, our work supports precise battery cell manufacturing and various power-to-X applications, which are crucial for advancing electric vehicles and energy storage.

Beyond products, we're part of groundbreaking projects like turning methane into hydrogen with ceramic membranes. While our work is often behind the scenes, it's integral to making green innovations possible.



**Magnus Lindvall**  
Managing Director

## What were your biggest challenges this year, and how were they addressed?

Of course, the transition of ownership comes with the need for adjustment and adaptation, but this experience has been overwhelmingly positive for us. Aligning with Alder's initiatives and goals has been an intense and rewarding experience.

## Are there any global trends or shifts that have impacted the demand for your product positively or negatively?

Green technologies continue to evolve, and our precision work remains essential for innovations in the solar, hydrogen and battery industries. However, the broader economic environment, particularly high interest rates and geopolitical uncertainty, has stalled some of our customers' projects. Despite this, we're optimistic about rebounding in 2025.

## What are you looking forward to most for the company in 2025?

In 2025, we're eager to expand our role in enabling green technologies. This includes supporting projects like ceramic membrane reactors for hydrogen production and scaling the use of advanced solar coatings. We're also excited to uncover more companies needing our precision capabilities to bring their green innovations to life.

Internally, we'll continue refining our sustainability practices, focusing on footprint reduction and measuring our handprint – how we help others achieve their sustainability goals. With Alder's backing, we're better positioned to make a bigger impact and grow in the green transition space.

## Planet

### Handprint

**Microbas uses high-precision components and smart materials to make their customers' processes more efficient.**



	2024
Green sales (mSEK)	29
Growth of green sales compared to previous year (%)	N/A

**No handprint data available for 2024 since Microbas is a new acquisition. We will report on handprint data for Microbas in 2025.**

### Footprint

	2024
Scope 1 & 2 emissions (kgCO <sub>2</sub> e/mSEK turnover)	0
Scope 3 emissions (kgCO <sub>2</sub> e/mSEK turnover)	29,072
Energy consumption (kWh)	1,015,839
Renewable energy consumption (%)	100
Water consumption (m <sup>3</sup> )	632
Hazardous waste produced (kg)	7,119

### Governance

	Completed ✓	In progress ▼
Materiality analysis	✓	
Risk management process	✓	
Value chain mapping		▼
Sustainability policy	✓	
Code of Conduct		▼
Supply chain risk assessment		▼
Whistleblowing channel		▼
Management system		▼
Board accountability	✓	

### People

Number of employees

# 33

Gender balance, % women

25%

Board

0%

Management

9%

Employees

Customer satisfaction

- In progress

Employee satisfaction

- In progress