

3nine

Fund	Acquired	Ownership	Turnover 2024
Alder II	2022	79,6%	104.9 mSEK

Innovating for clean air in industrial environments

The various production processes in the metalworking industry produce dangerous particles and aerosols that create indoor industrial air pollution. The particles and aerosols can be extremely dangerous to human health and contribute to poor air quality, contaminated water and soil and emissions that drive climate change.

3nine's products focus on handling and eliminating dangerous oil mist, the byproduct of metalworking processes. Their products use patented disk stack technology to pass the oil-air mix over a rotating stack of permanent filter media elements, creating a centrifugal force that separates 99.9% of the oil particulates from the air. The result is fewer oil particulates in the filter, meaning fewer filter changes. The separated oil is recaptured and reused, lowering the consumption of metalworking fluids and ultimately resulting in cleaner air and workplaces.

Data, circularity and tighter regulations define our 2024

What were the highlights of 2024 for 3nine?

It's been a busy year with a lot of great highlights. We focused on building our sustainability infrastructure, including reporting on scope 1, 2, and 3 data for the first time. In 2025 we can set meaningful targets and commitments to reduce our emissions.

While we've been gathering data on our positive contributions for some time, this year, we began to develop a more precise infrastructure to provide data directly to end users based on the use of our products. This includes analysing the number of filters saved and the amount of cutting fluid recaptured. We are also calculating the total quantity of clean air delivered for individual customers and 3nine as a whole, using data on the number and size of machines sold, working hours and other parameters. We are proud to be able to provide these measures of positive contributions in 2025.

We've also expanded our remanufacturing and refurbishment program. Right now, it's a small part of our business – about 1% of revenue – but we've set a target to double that year on year. It's a long-term opportunity to become more circular.

What is 3nine's long-term sustainability vision?

Our vision is to guarantee clean air at the lowest cost through innovative technology. We have aligned our long-term target with Alder's goals for their portfolio companies, including measuring and increasing our positive

handprint and a 50% reduction in our overall emissions within the next five years. Our aim is that the positive impact of our products should outweigh the adverse effects of our operations, and we're on our way there.

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

The biggest benefit of our products is the ability to provide clean air without relying solely on disposable filters.

Most solutions in the oil mist care industry collect oil particulates using disposable filters, which then become hazardous waste and need to be disposed of, often ending up in landfill. 3nine's patented separation technology ensures that 99.9% of the oil particulates are separated from the air before it passes over the last phase of HEPA filter. This means less accumulation, longer filter lifetimes and ultimately less waste. It feels good to not only provide clean air to people working in industrial environments, which we consider to be a fundamental human right but also to do so while making a positive environmental contribution.

On top of that, because we are separating the oil particulates from the air, we can recapture and reuse the cutting fluid by draining it back into the machine reservoir; this recovery process allows our customers to dramatically reduce their consumption of cutting fluid so they can maintain up to 80–90% of their oil levels over a year.



Brad Eicher
CEO

What were your organisation's biggest challenges this year, and how were they addressed?

One of our biggest challenges was around metrics. Our historical data – like filter avoidance and cutting fluid recapture – was poorly documented, so we had to revalidate and rebuild those models. That said, we've made great progress, and by the end of the year, most of the groundwork was done, which puts us in a strong position for the future.

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

The rolling back of some regulations in the US, like the industrial air quality standard, can potentially impact us, but we will continue to deliver the same high standards despite this.

Another positive trend is our customers' increasing interest in sustainability, particularly larger companies. Smaller companies are a bit slower in adopting these discussions, but the mindset shift is happening across the board.

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

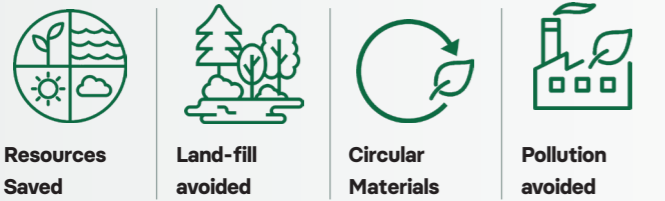
An exciting initiative we aim to pilot in 2025 is a circular business model for filter disposal. Despite the highly effective separation of the oil particulates, some particles still hit the HEPA filter, so the filter must be changed, generating waste. We are exploring partnerships in Northern Europe for the sustainable disposal of used filters – turning them into energy through clean incineration instead of seeing these filters end up in hazardous waste collection and landfill. It's a longer-term project, but I'm excited about the potential impact it could have.

Overall, I see 2025 as the year we take all our preparatory work so far and put it into action.

Planet

Handprint

3nine products eliminate dangerous oil mist from industrial environments, reduce use of filters and recapture oil for reuse.



	2024	2023
Green sales (mSEK)	105	130
Growth of green sales compared to previous year (%)	-19	-

1,392,692

litres oil saved 2024

The quantity of oil that 3nine solutions purified in 2024, based on data from 2003-2016 and if assumed to be consistent every year. This means that there is approximately 0.8g oil/m³ air in all the air measured.

1,612,728,000

m³ air/year

Quantity of air that 3nine's solution has handled and cleaned in 2024.

Footprint

	2024	2023
Scope 1 & 2 emissions (kgCO ₂ e/mSEK turnover)	823	386
Scope 3 emissions (kgCO ₂ e/mSEK turnover)	92,846	-
Energy consumption (kWh)	71,838	77,769
Renewable energy consumption (%)	23	22
Water consumption (m ³)	92	110
Hazardous waste produced (kg)	0	0

Governance

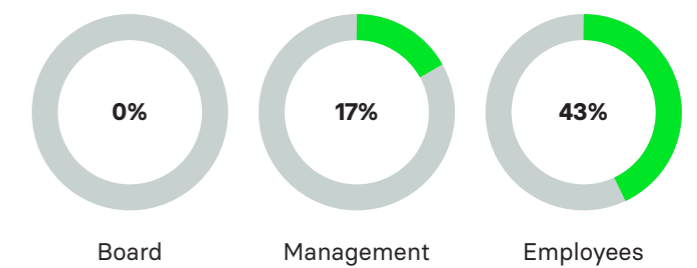
Completed	✓
In progress	✓
Materiality analysis	✓
Risk management process	✓
Value chain mapping	✓
Sustainability policy	✓
Code of Conduct	✓
Supply chain risk assessment	✓
Whistleblowing channel	✓
Management system	✓
Board accountability	✓

People

Number of employees

28

Gender balance, % women



Customer satisfaction



Employee satisfaction

