

FAQ's

Driving Sustainable Digital Infrastructure

1. How much focus is placed on sustainability within atNorth's operations and processes?

atNorth remains committed to providing the most sustainable solutions possible, we maintain a culture of constant improvement at all sites, metro and mega, and we drive continuous innovation that directly supports and aligns to our sustainability initiatives.

atNorth's Nordic locations ensures all our data center facilities are powered by low carbon and renewable energy sources, and the cooler consistent climate enables us to support more efficient cooling requirements in a sustainable manner.

Sustainability is one of the company's strategic pillars, outlining goals to further strengthen our sustainability journey in all our operations. atNorth supports an environment-first approach across the whole of its business, partners, customers and supply chain to ensure alignment with government directives.

2. Does atNorth have a sustainability process or policy in place?

Yes. Our sustainability policy and report can be found here: <https://www.atnorth.com/insights/sustainability>

Our Sustainability Policy focuses on three key pillars; Planet, People and Business Conduct, outlining a clear strategy to drive consistent progress towards our core goals:

- Be dependable in climate-first matters
- Enable a circular economy across our operations
- Empower our community
- Ensure a safe workplace
- Maintain integrity in all we do

3. What cooling technology does atNorth use in its data centers and how efficient is it?

atNorth uses advanced direct liquid cooling (DLC) technology across all its newly built, purpose-designed data centers. DLC leverages the high thermal conductivity of liquid to provide targeted, high-density cooling directly to components, significantly reducing energy consumption compared to traditional cooling methods.

atNorth's approach also combines DLC with warm water cooling to increase the efficiency of its heat recovery systems throughout the sites. This innovative approach not only improves PUE (Power Usage Effectiveness) but also contributes to circular energy practices within each site.

4. How does the heat reuse technology work?

atNorth's SWE01 data center in Stockholm – a unique example of heat reuse technology in action – is a first-of-its-kind data center with a primary cooling system designed for heat recovery.

In partnership with Stockholm's energy provider, Stockholm Exergi, the SWE01 campus captures the heat outputs generated by the site's data halls. The residual heat is recycled through Stockholm Exergi's district heating plant to provide heat and hot water for residents.

In addition to SWE01, our FIN02 site will also incorporate heat reuse technology. Through our partnership with one of Finland's leading retailers, Kesko Corporation will use waste heat from FIN02 to provide recycled heat for the neighboring Kesko store. The heat provided will cover a vast majority of the heating energy required by the Kesko site and in turn, support scope 1 and 2 emissions for Kesko.

5. What happens if the Nordic ambient temperature increases, and natural cooling is no longer feasible?

We cannot control the weather or indeed climate change, but we can control the technology and innovation we use in the data center. atNorth designs its data centers with resilient, future-proof cooling systems in an efficient and sustainable way.

Locations like Iceland have a consistently cool climate, where average temperatures in Reykjavik rarely drop below zero and peak around 13.5°C. This climate supports highly efficient free air and liquid cooling with minimal energy use.

atNorth's infrastructure also incorporates additional advanced cooling technologies, such as:

- Direct Liquid Cooling (DLC)
- Warm-water cooling
- Heat recovery systems

These innovations ensure that our sites remain energy-efficient, low-carbon, and operationally stable, regardless of future temperature shifts.

6. Why should I consider energy pricing when choosing a data center?

Energy prices make up a very large percentage of OPEX and fluctuate globally, which makes them difficult to forecast. Iceland has an energy supply run on a closed grid that is powered by renewable hydro and geothermal energy sources.

The result is stable long-term power that is significantly cheaper compared to mainland Europe and benefits from fixed purchase agreements with no price volatility, making long-term energy cost forecasting easier.

7. How does atNorth ensure its Nordic data centers are optimized for global reach and low latency?

A network of more than 25 subsea fiber optic routes connects our Nordic data centers to European and North American markets and beyond, providing fully redundant connectivity to drive down latency and meet the speed of data processing needed for today's high-density, hugely sophisticated and uber timely workloads and applications.

8. How does atNorth future proof its operations?

atNorth designs all its data centers with a scalable, modular architecture that supports evolving compute demands, including AI, HPC, and high-density workloads. This future-proof approach ensures long-term flexibility, performance, and sustainability.

Key features that enable atNorth's future data center readiness include:

- Latest cooling innovations, including DLC and heat recovery systems
- Purpose-built sites designed to achieve a low PUE below 1.2
- Sustainable site locations in cool Nordic climates
- Modular infrastructure that allows for rapid scaling and adaptability

Our sustainable AI ready data center infrastructure delivers:

- Cost predictability
- Operational control
- Sustainable performance at scale

By combining energy-efficient design, cutting-edge technology, and climate-conscious site selection, atNorth ensures its operations remain resilient, sustainable, performance-optimized, and AI-ready for the future.

9. How does atNorth manage water usage in its data centers, and what is its commitment to sustainable operations?

atNorth takes a responsible and transparent approach to water usage as part of its broader sustainability strategy. Our data centers are designed to minimize or eliminate water consumption in cooling processes, particularly through the use of air-based and direct liquid cooling (DLC) systems that do not rely on evaporative cooling.

As a signatory to the United Nations Global Compact, atNorth aligns its operations with key environmental principles—including the responsible use of natural resources such as water.

Our approach is rooted in:

- Water-efficient infrastructure design
- Climate-conscious site selection (leveraging naturally cool environments)
- A broader commitment to low-impact, circular data center operations

Further details on our water management practices and sustainability initiatives can be found in the [atNorth Sustainability Report](#).

General, Practical & Background Info

1. How do I learn more about the services provided by atNorth?

Contact our team of experts for a consultation.

2. Where are your data centers located?

atNorth currently operates facilities in Iceland, Sweden, and Finland, with our first metro site in Denmark set to commence operations in Q4 2025 and plans for further expansion across the Nordics.

3. Can I schedule a site visit?

Absolutely. We welcome prospective clients to tour our facilities – contact us to arrange a visit.