bulk™

Bulk Data Centers

Home of Green AI and HPC

N01 Campus is the world's largest 100% green energy-powered data center campus with high-capacity fiber networks.

N01 Campus bulk™
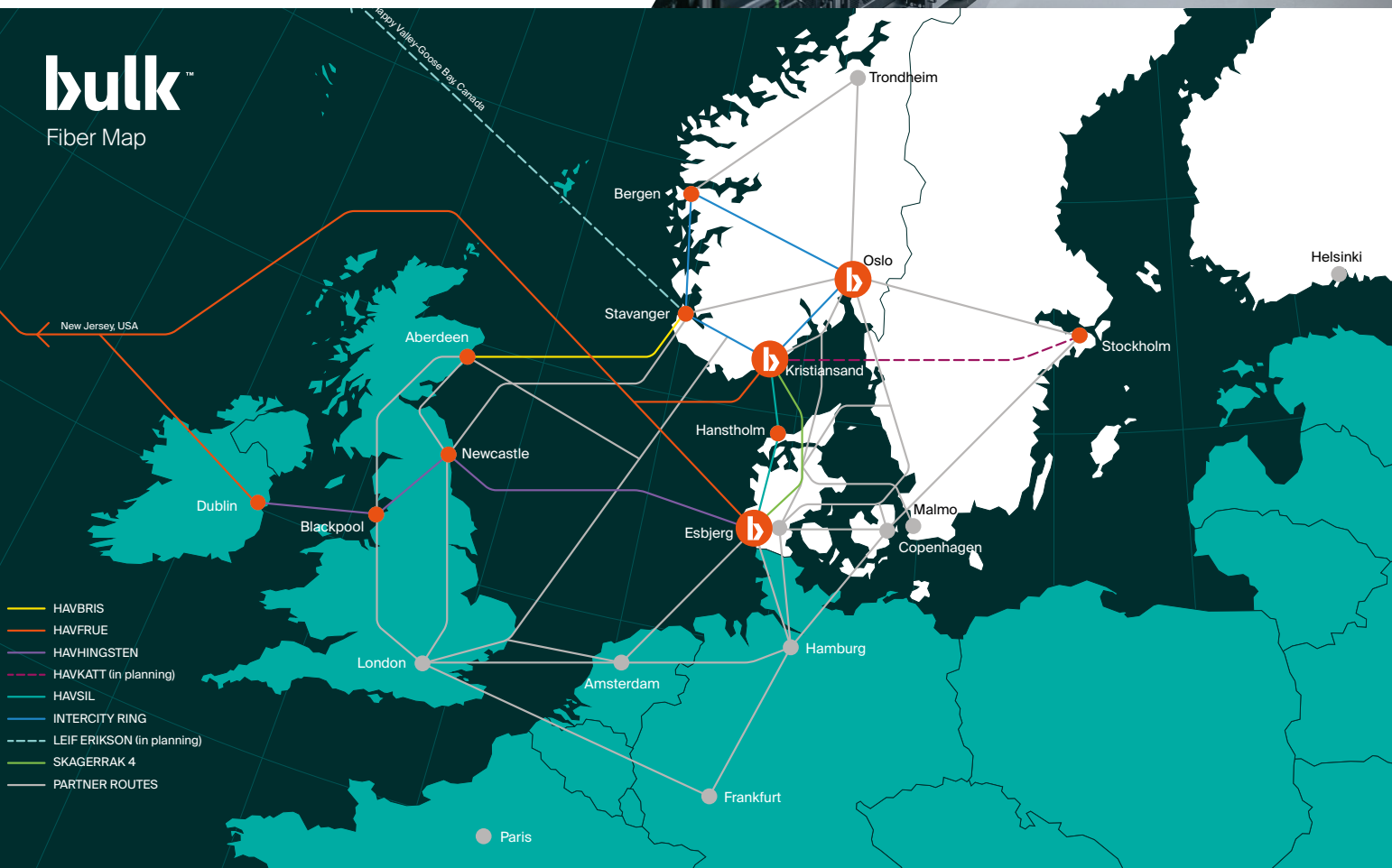
N01 Campus

❯ Features

- 3km² of zoned land
- Up to 1GW of power
- Directly connected into Europe's largest renewable substation
- 100% low carbon energy from hydropower
- Diverse HV networks for enhanced availability
- Large-capacity intercontinental and regional fiber routes

❯ Connectivity

- Directly connected into International Fiber Systems
- Dark Fiber options
- Multiple International and Regional Carriers
- DE-CIX Internet Exchange - peering and cloud connectivity
- Latency summary (RTD in ms)
  - ❯ Oslo – 3.84
  - ❯ Stockholm – 10.64
  - ❯ Copenhagen – 7.35
  - ❯ Esbjerg - 4.36
  - ❯ London – 15.53
  - ❯ Frankfurt – 15.17
  - ❯ Amsterdam – 12.12
  - ❯ Paris – 18.28
  - ❯ New Jersey - 72

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Fiber Map

Legend:
- HAVBRIS
- HAVFRUE
- HAVHINGSTEN
- HAVKATT (in planning)
- HAVSIL
- INTERCITY RING
- LEIF ERIKSON (in planning)
- SKAGERRAK 4
- PARTNER ROUTES

Introduction

Located in Southern Norway's Agder region, just outside Kristiansand with good access to international flights, the campus lies on a 300-hectare (3km²) site. Adjacent to the largest transformer station in Europe, with direct and redundant connections to multiple hydropower stations supplying 100% renewable energy.

N01 campus offers flexible solutions with massive scale and options for colocation and build-to-suit. Zoned specifically for data centers the initial two phases include 4 separate land parcels provisioned for up to 600MW of power.

Location

Airport

Kristiansand International Airport 28km Connections to major European cities

Train

Kristiansand Train Station 17km Connections to Oslo Central, Oslo Airport, Stavanger

By Car

Kristiansand City Center 20km Oslo 350km

Coordinates

58°15'31.47"N 7°53'23.59"E

❯ Flexible solutions

N01 is perfect for HPC deployments of any scale, including the next generation of AI IT infrastructure and Machine Learning workloads. With flexible solutions, we can cater to diverse customer needs, including availability, redundancy, compute density, and scalability.

- Colocation services – Customizable colocation services designed to suit your IT power and space requirements. Our modular facilities are built to grow with your business.

- Dedicated white space – Our private, customizable and dedicated spaces are tailored to meet your specific security and availability requirements, ensuring a personalized solution for your needs.

- Build-to-suit – Our solution is custom-built from the ground up to meet your unique requirements. Whether you need infrastructure tailored to your exact specifications or want to construct a dedicated building, our campus offers the speed and capacity to accommodate even the largest requirements.

❯ Time to market

With pre-designed solutions and core infrastructure already installed or designed we can meet the tightest timescales and business needs.

❯ Sustainability for the long term

Located near Europe's largest renewable substation, we tap into abundant renewable sources for affordable and reliable power supply futureproofing growth plans.
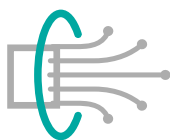
❯ Lowest Cost

With one of the lowest energy prices in Europe and in one of the most business friendly and stable economies, Norway and N01 campus delivers long term cost savings.

❯ Positioned for business

On the southern tip of Norway and with multiple sub-sea and terrestrial fiber networks connecting into the campus, combined with international transport hubs, Tier 1 and major international markets are as close as they can be whilst achieving all the other benefits of a sustainable solution.

› N01 Campus Site Plan

Set out over 10 zones, initial two phases provide up to 60MW of IT capacity in 5 separate data centers.

The next two phases of development delivers an additional 600MW of power in a combination of build-to-suit and large scale data center facilities for colocation and high performance computing.

› Massive scale, Resillience and Renewable Power

Located next to Kristiansand's Transformer Station the N01 campus connects directly into Norway's highly sustainable renewable energy grid. Delivering close to 100% renewable energy, the Kristiansand Transformation Station is directly fed from over 100 Hydro turbines at regional Hydro stations and also features bidirectional power connectors into mainland Europe.

This highly resilient and strategic location ensures N01 campus can expand to massive scale and with high levels of availability on power.

Certifications & Accreditations

SDIA

NVIDIA PREFERRED PARTNER

CERTIFIED LR ISO 9001 · ISO 14001 ISO/IEC 27001

CERTIFIED LR ISO 22301

CLIMATE NEUTRAL DATA CENTER

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Bulk Data Centers is the ultimate sustainable destination for Generative AI, HPC and Supercomputing workloads. Delivering power, scale & speed. With strategically located data centers in the Nordics and dedication to service excellence, Bulk enables customers to reduce costs and environmental impact with ultra flexible, highly connected and scalable solutions.

❯ Contact Details

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Get in contact