



Oslo, Norway

# OSLO4 CAMPUS

CURRENT CAPACITY

**6<sup>MW</sup>**

CURRENT FACILITY SIZE

**3,000<sup>SQM</sup>**

EXPANDABLE TO

**100<sup>MW</sup>**

TOTAL SITE SIZE

**69,000<sup>SQM</sup>**



The world runs on data. Data runs on STACK. | [sales-nordics@stackinfra.com](mailto:sales-nordics@stackinfra.com)

## Connect to Power Now and Expand for the Future in Oslo

STACK OSLO4 campus is close to Oslo city and high-capacity - offering good short and long-term scaling opportunities with 100MW available at various stages of development.

The site can accommodate six, 6MW IT load data center buildings. Building one is fully leased. Building two (OSL 07) consists of two halls, each having 930m<sup>2</sup>. dedicated white space and is currently in design.

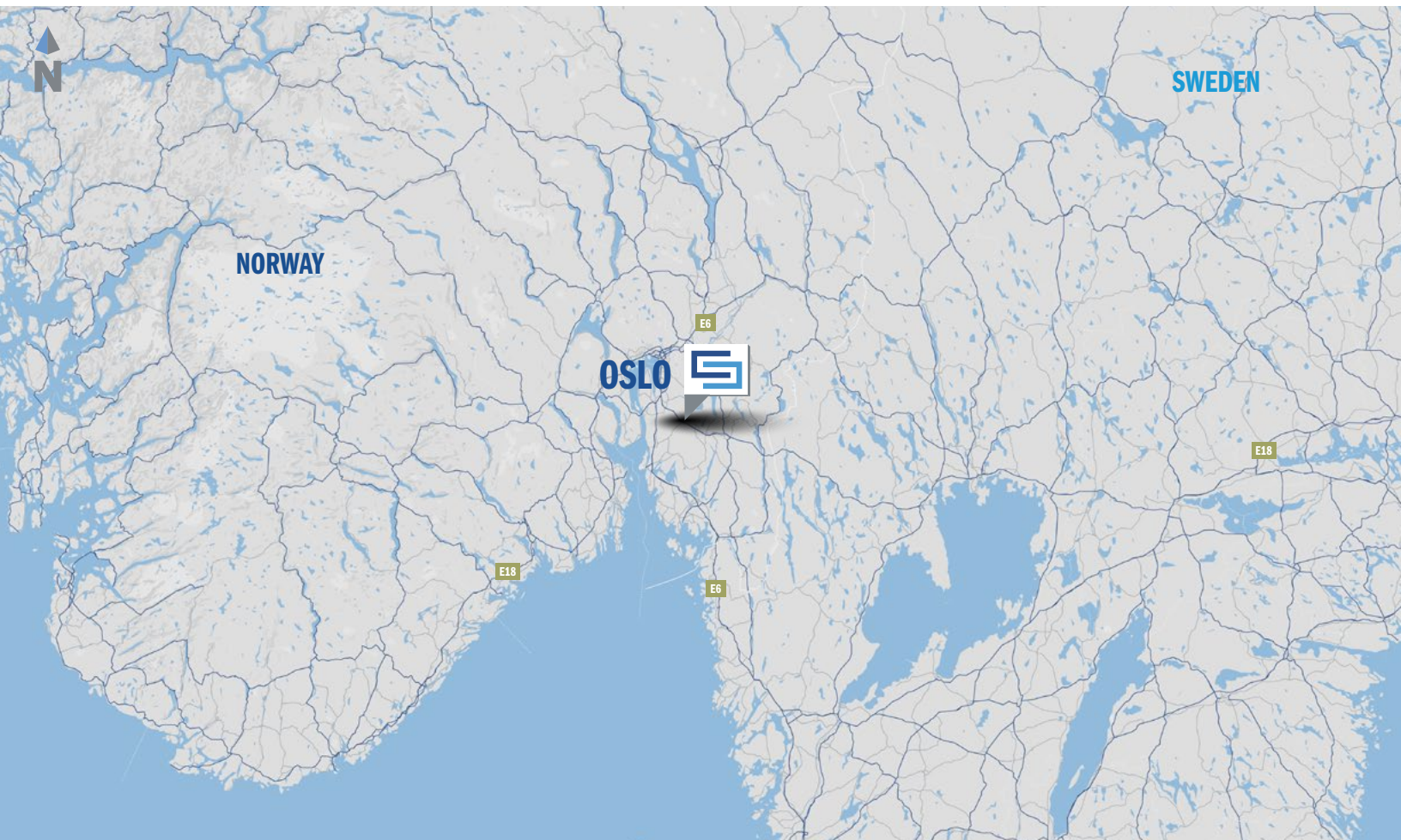
OSLO4 is certified to ISO Class 8 filtration for fresh air AHUs that serve the data halls, together with a unique snow melt system and rainwater re-use for cooling systems. This highly efficient system is uniquely suited to the Nordic climate, yielding efficiencies and cost savings up to 25% beyond the industry average. The facility supports 45MW N+N campus power from 100% renewable supplies.

**Right-Sized Capacity:** Choose from a POWERSTACK or HYPERSTACK deployment for maximum flexibility and control.

**Population Density:** OSLO4 is 43km south of Oslo city center - home to approximately 1.5 million of Norway's 5.4 million inhabitants.

**Zero-Carbon Power Infrastructure:** The OSLO4 campus is fueled by 100% renewable energy for a more sustainable future.

**Cloud Region-ready:** High capacity and city-near location makes campus ideal for MSP, CSP, and Hyperscale deployments.



**STACK data centers are built for maximum scalability, sustainability, and security.**

**OPTIONS AVAILABLE**

# HYPER STACK

BUILD-TO-SUIT

**Built to scale.**

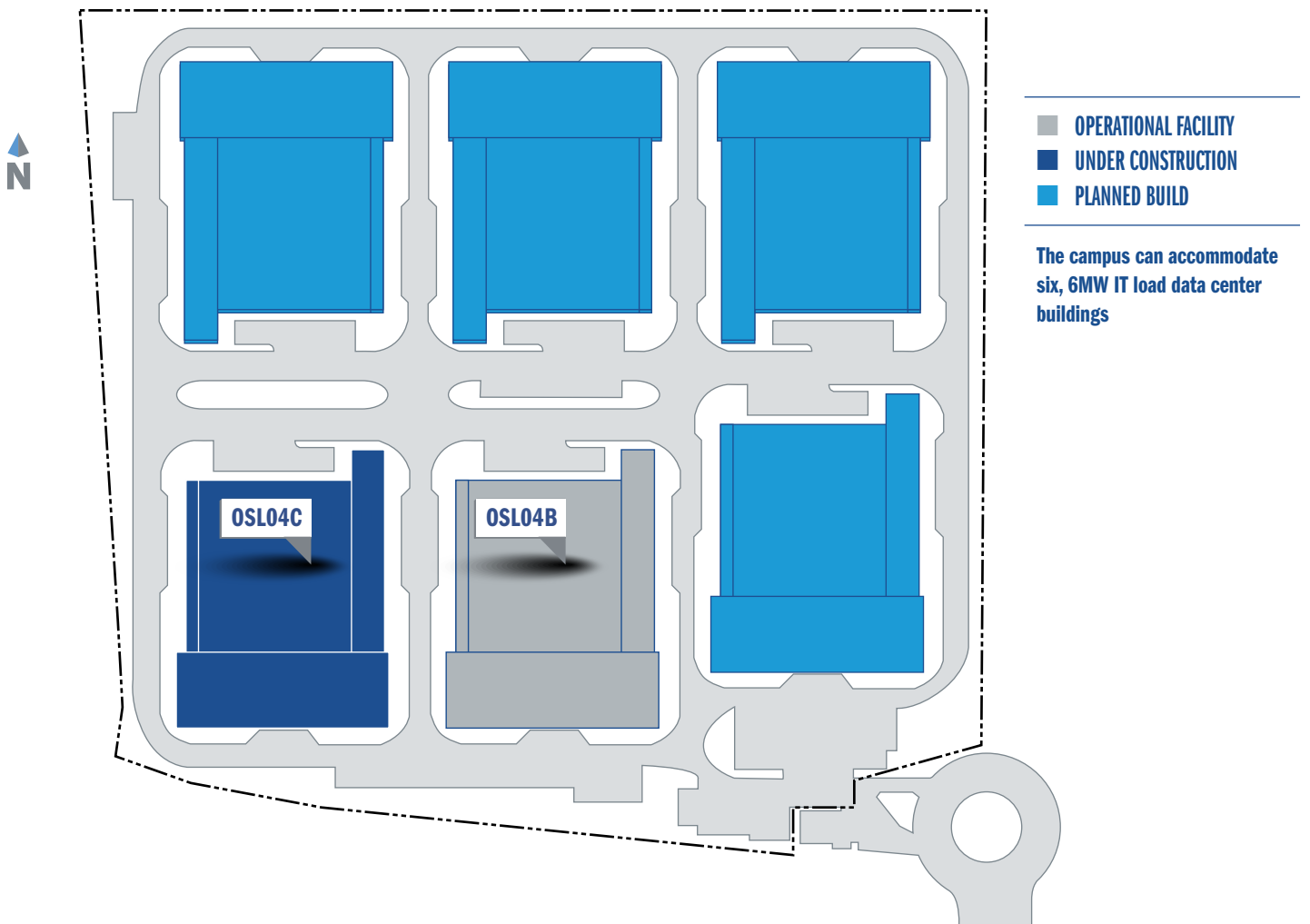
Our HYPERSTACK build-to-suit option gives you total flexibility and control. Choose our purpose-built Basis of Design as a starting point, or work with the STACK team to develop a customized solution for your company to grow as fast as you need.

# POWER STACK

POWERED SHELL

**A flexible foundation.**

POWERSTACK powered shell solutions are customizable base buildings designed for rapid deployments of right-sized capacity on demand. They're fibre-provisioned, fit-out ready, and available fast.



# OSLO4B

## CAPACITY

### Facility Size

- 3,200m<sup>2</sup> of IT housing space
- Total campus is 40,000m<sup>2</sup> with option for additional 29,000m<sup>2</sup>

### Total Capacity

- 6MW (OSL 06)
- Campus expansion capacity 24MW increasable to 100MW

### Deployments

- POWERSTACK™: Immediately available shell capacity
- HYPERSTACK™: Build-To-Suit

## COOLING & EFFICIENCY

### Cooling

- N+1 resilience for IEC cooling supported by 2N essential power
- Indirect evaporative coolers
- Waste heat reclamation
- Unique snow melt system and rain water reuse for cooling systems
- ISO Class 8 filtration for fresh air AHUs that serve the data halls

### Density

- High density deployments supported in excess of 3,2kW/m<sup>2</sup>

### Electrical

- N+1 Configuration

## SAFETY & SECURITY

### Security

- On site 24/7 manned security presence
- Security operates from internal monitoring office
- Internal and external advanced security surveillance camera systems
- Man trap intruder detection and card access systems throughout
- High grade boundary fencing compliant with EN1722
- Car trap controlled gates
- Multilayered security

### Fire Protection

- Novec fire suppression system throughout
- High grade very early smoke detection apparatus in conditioned power modules and the data halls
- Monitored automatic smoke detection throughout
- Nozzles with silencers

## POWER & RELIABILITY

### Utility Service

- N+1 fully functioning installation rated at 6 MW IT load

### Electrical Redundancy (Generators / UPS)

- 2N UPS and power distribution equipment via 5 power streams
- 1 containerized LV 2.5MVA continuous rated diesel generator per power stream (5 total per building)
- There is a separate landlord's generator per building
- N+1 modular mechanical plant for 100% concurrent maintainability
- Design PUE 1.12
- Resilience 99.999

### Fuel Storage

- Built with 48hrs of fuel reserves

## CONSTRUCTION

- Phase 1 of 6 standardized buildings with a separate administration block for the campus
- Design caters for screening, office, disaster recovery and storage space
- 4.2m ceiling clearance from finished floor to first obstruction
- No ramps or raised floors throughout
- The site is located above the 1:1000 year flood event

## CONNECTIVITY

### Diversity

- 2 Point of Entry rooms

### Carrier Availability

- Carrier neutral

### Fibre Infrastructure

- Provision of diverse on-campus and in building points of entry and distribution

## AMENITIES

### Work Space

- Break room
- Complimentary WiFi
- Shared & Dedicated office space on request

### Storage

- Shared and private storage

### Client Conveniences

- Bicycle storage
- On-site parking

## CERTIFICATIONS SUPPORTED

### ISO Compliance

- ISO 9001 2015 Quality Management
- ISO 14001 2015 Quality Management Environmental
- ISO 27001 2013 Information Security Management System
- ISO 45001 Occupational Health & Safety Management

### Other Certificates

- LOS Energy AS 100% Renewable Energy Guarantee
- Payment Card Industry Data Security Standard (PCI/DSS)
- Combined SOC 1 and ISAE 3402 Type II

## UNDER CONSTRUCTION

### Building E - OSL 07

- Total capacity 6 MW
- Facility size will comprise two data halls, each of 930m<sup>2</sup> dedicated white space.