



Oslo, Norway

# OSLO3 CAMPUS

## CAMPUS (OSLO3)

TOTAL CAPACITY

**20<sup>MW</sup>**

SIZE  
**2 HECTARES**

## FACILITIES (OSLO3A-C)

TOTAL CAPACITY

**14<sup>MW</sup>**

TOTAL WHITE SPACE  
**6,600<sup>SQM</sup>**

## FUTURE FACILITY (OSLO3D)

CAPACITY

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

WHITE SPACE  
**1,800<sup>SQM</sup>**



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

## Capitalize on Nordic Climate for Data Center Efficiency

STACK's OSLO3 campus is located in Fetsund, a suburb south of Oslo. On a plot of two hectares and powered by 100% renewable energy, it offers short- and long-term scaling opportunities, robust connectivity, and low-latency access to major interconnection hubs. The campus currently features three operational data centers (OSLO3A, B & C) following our modular design principles for scalability and efficiency.

The latest facilities (OSLO3 B & C) are certified to ISO Class 8 filtration for fresh air AHU that serves the data hall, 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. All facilities on campus are powered with 100% certified renewable hydro energy.

We are in the process of designing another 6 MW, dual hall data center (OSLO3D) on the campus to allow for growth at this popular location.

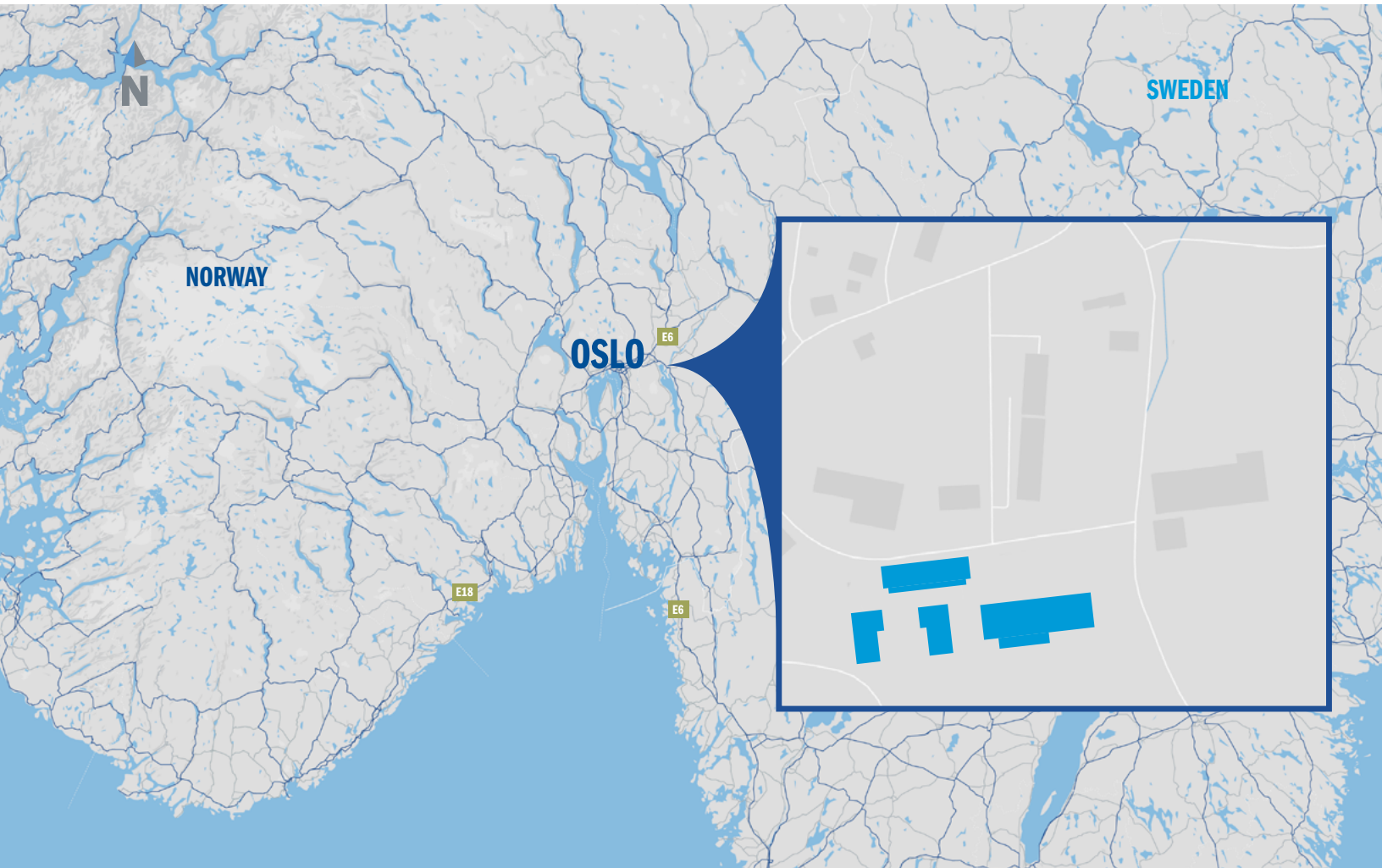
**Right-Sized Capacity:** Choose from a POWERSTACK or HYPERSTACK deployment for maximum flexibility and control.

**Population Density:** OSLO3 is 30km east of the Oslo capital area, home to approximately 1.5 million of Norway's 5.4 million inhabitants.

**Robust Hydroelectric and Zero-Carbon Power Infrastructure:** Campus is powered by 100% certified renewable hydro energy.

**Expansive Connectivity Ecosystem:** Campus constitutes a strong financial ecosystem and hosts major MSP and Hyperscaler clients.

**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.**

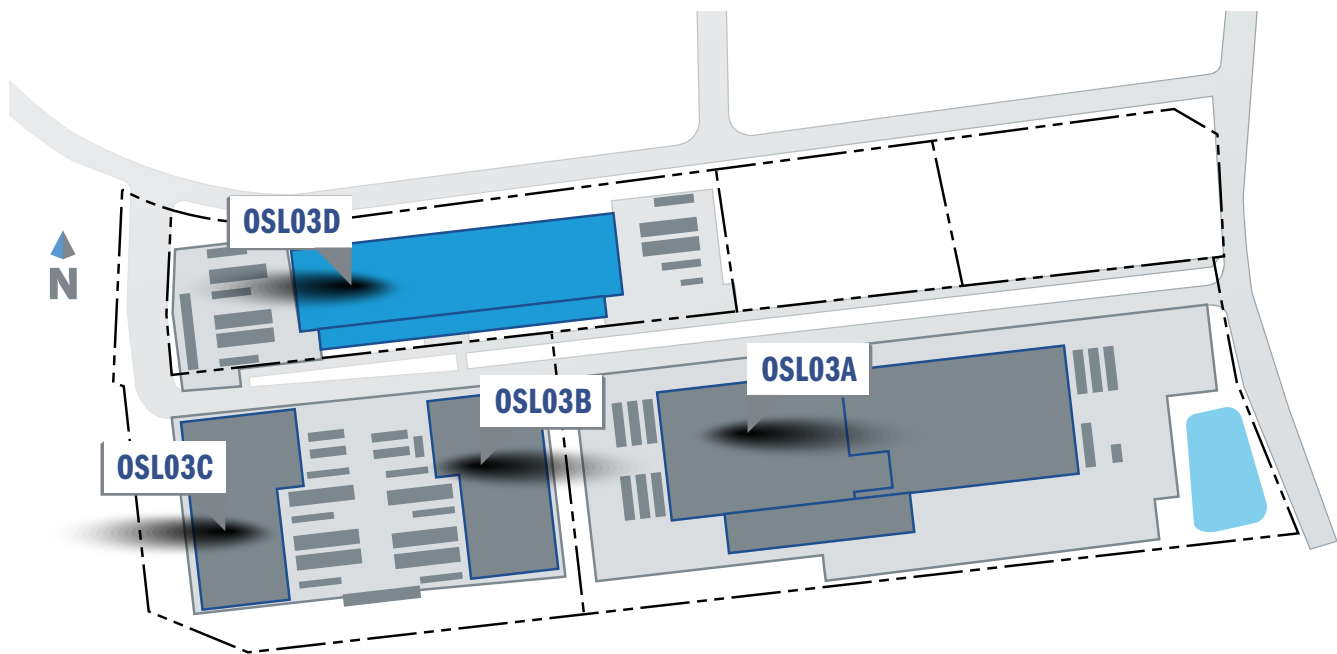
Our HYPERSTACK build-to-suit option gives you total flexibility and control. Choose our purpose-built Basis of Design as a starting point, or work with the STACK team to develop a customized solution for your company to grow as fast as you need.

## 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.



- OPERATIONAL FACILITY
- PLANNED BUILD



# OSLO3A

## CAPACITY

### White Space

- 4,800 SQM of IT housing space

### IT Load

- 8 MW

### Deployments

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

## COOLING & EFFICIENCY

### Cooling

- Each 2,400 SQM building is supported by N+1 redundant indirect evaporative coolers
- Each cooler has an optional load looping DX coil to accommodate ASHRAE extreme wet bulb conditions
- Designed for 100% evaporative cooling with mechanical backup

### Density

- A1-1/2/3 = 2 kW/SQM
- A2-1 = 2 kW/SQM
- A2-2/3 = 3 kW/SQM

### Electrical

- N+1 Configuration

## SAFETY & SECURITY

### Security

- 24/7 Technical shift presence in building
- On-site 24/7 security personnel
- Internal and external advanced security surveillance camera systems
- Man trap, intruder detection and card access systems throughout
- High grade boundary fencing, plus vehicle trap and pedestrian access point
- Car parking external to security fence
- Layered security measures

### Fire Protection

- Hypoxic fire prevention or optional NOVEC gas release systems
- High grade very early smoke detection apparatus in data halls
- Monitored automatic smoke detection throughout

## POWER & RELIABILITY

### Utility Service

- N+N 24 MW high voltage supplies to the site

### Electrical Redundancy (Generators/UPS)

- UPS and power distribution equipment located in a central plant area, minimizing transmission loss
- Containerized LV generators are located parallel to the main building configuration in N+1 configuration with individual fuel storage belly tanks
- Each building is supported by five 2.5 MVA continuous rated diesel generators
- A separate landlords generator serves the building
- Scalable UPS to a maximum of 2 MVA/1,000 SQM providing 'diverse' N+N power supply systems to customer modules
- N+N electrical supplies to mechanical equipment

### Fuel Storage

- Built with 48hrs of fuel reserves

## CONSTRUCTION

- The buildings' façades consist of prefabricated concrete wall panels with distinctive etched façade panels designed to complement the surrounding area
- Floor to ceiling heights of 6m
- An eight person capacity passenger and a 2,500 kg capacity goods service lift
- The site is located above the 1:1000 year flood event

## CONNECTIVITY

### Diversity

- 2 Meet-Me-Rooms with diverse fibre entrances in each building

### Carrier Availability

- Carrier neutral

### Fibre Infrastructure

- Provision of diverse underground fibre entry points
- 12 x 100 mm fibre ducts for access to two secure carrier connection rooms in each building

## AMENITIES

### Work Space

- Conference room on request
- Complimentary WiFi
- Office space on request

### Storage

- Unpacking room

### Client Conveniences

- On-site parking
- Customer lab and staging area

## CERTIFICATIONS SUPPORTED

### ISO Compliance

- ISO 9001: 2015 Quality Management
- ISO 14001: 2015 Quality Management Environmental
- ISO 27001: 2013 Information Security Management System
- ISO 45001: 2018 Occupational Health & Safety Management
- ISAE 3402/SOC 1 Report

### 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

# OSLO3B & OSLO3C

## Identical data centers

CAPACITY (per facility)

### White Space

- 900 SQM

### IT Load

- 3 MW

### Deployments

- POWERSTACK™: Immediately available shell capacity

- HYPERSTACK™: Build-To-Suit

## COOLING & EFFICIENCY

### Cooling

- Each building is supported by N+1 redundant indirect evaporative coolers

### Density

- 3 kW/SQM

### Electrical

- N+1 Configuration

## SAFETY & SECURITY

### Security

- 24/7 Technical shift presence in building

- On-site 24/7 security personnel

- Internal and external advanced security surveillance camera systems

- Man trap, intruder detection and card access systems throughout

- High grade boundary fencing, plus vehicle trap and pedestrian access point

- Car parking external to security fence

- Layered security measures

### Fire Protection

- NOVEC gas release systems

- High grade very early smoke detection apparatus in data halls and power pods

- Monitored automatic smoke detection throughout

## POWER & RELIABILITY

### Utility Service

- N+N 24 MW high voltage supplies to the site

### Electrical Redundancy (Generators/UPS)

- The buildings are supported by six 2.5 MVA continuous rated diesel generators

- There is a separate landlords generator for each building

- Scalable UPS providing 'diverse' N+N power supply systems to customer modules

- N+N 24 MW high voltage supplies available to the site

- UPS and power distribution equipment located in an adjacent central plant area, minimising transmission loss

- Containerized LV generators are located parallel to the buildings in N+1 configuration with individual fuel storage belly tanks

### Fuel Storage

- Built with 48hrs of fuel reserves

## Construction

- The buildings' façades consist of prefabricated concrete wall panels with distinctive etched façade panels designed to complement the surrounding area

- The site is located above the 1:1000 year flood event

## CONNECTIVITY

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