Denmark, Copenhagen

COP01A

CAPACITY IT LOAD
1.2 MW IT

WHITE SPACE
1,600

STACK INFRASTRUCTURE

The world runs on data. Data runs on STACK. | sales-nordics@stackinfra.com
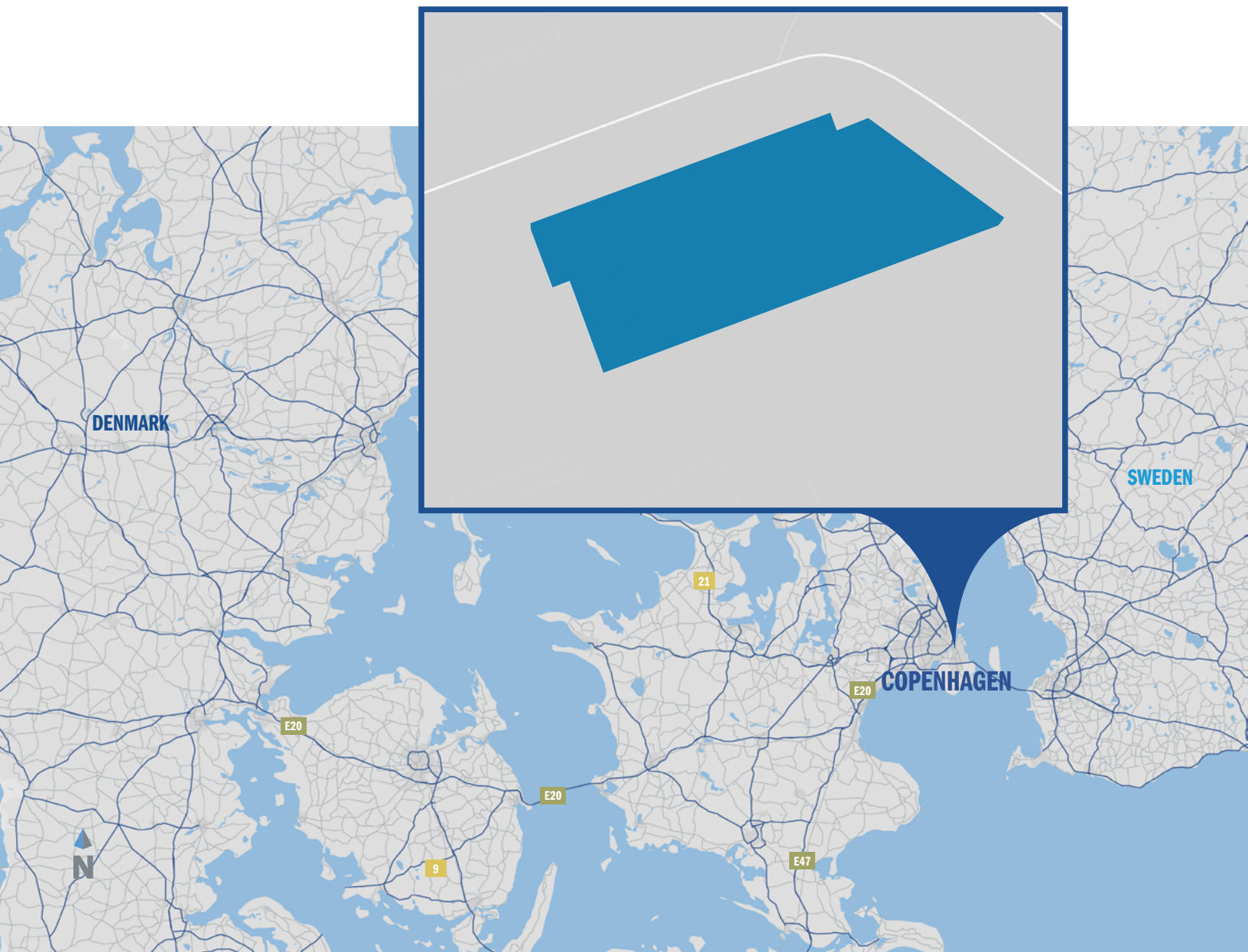
STACK INFRASTRUCTURE

READY STACK ™ Capacity Close to City Center

STACK COP01A is centrally located in Copenhagen, approximately 10 minutes drive from Copenhagen's International airport at Kastrup and Copenhagen inner city. The data center is within walking distance to a metro station for rapid access to airport or city center. The location has five fibre entries to the building and comprises approximately 1,600 SQM of white space for retail IT housing divided on three separate floors. The site provides mains power from certified renewable hydro and wind energy sources. The building is protected by perimeter fencing, CCTV, access control system, and monitored 24/7 by remotely located security.

Right-Sized Capacity: Choose from a POWERSTACK or READYSTACK deployment for maximum control and immediate needs.

Population Density: Copenhagen capital area is home to approximately 2 million of Denmark's 5.8 million inhabitants.

Robust Hydroelectric and Zero-Carbon Power Infrastructure: COP01A provides mains power from certified renewable hydro and wind energy sources.

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

OPTIONS AVAILABLE

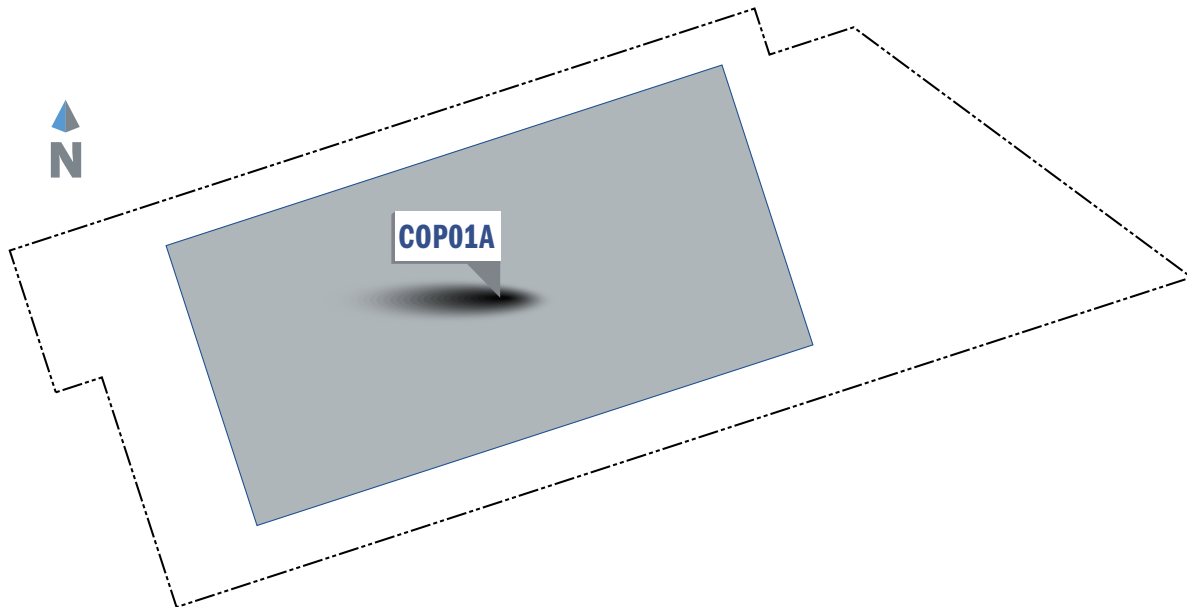**POWER STACK**
POWERED SHELL

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.

READY STACK
COMMISSIONED CAPACITY

Plug in and go.
When you need capacity even faster, you need READYSTACK. These rack-ready data halls are purpose built for your immediate needs with pre-installed racks, connectivity and power. You bring the equipment. We've got everything else.

N

COP01A

CAPACITY

Facility Size
- 1,600 SQM white space

Total Capacity
- 1.2MW IT load

Deployments
- READYSTACK™: RackReady ® data halls
- POWERSTACK™: Immediately available shell capacity

COOLING & EFFICIENCY

Cooling
- Each data hall supported by N+1 redundant downflow water-cooled CRAC units with free cooling available below 9 degrees Celsius
- BMS controlled Ilka Mafa chiller units are configured with N+1 redundancy, and the installation is scalable to accommodate a 4th unit
- All cooling water installations to CRACs are located outside the whitespaces

Density
- High density deployments supported in excess of $1,6KW/m^2$

Electrical
- 2N PDU Configuration

SAFETY & SECURITY

Security
- Monitored 24/7 from remotely located Security
- Operating Center supplemented by security personnel
- High boundary fencing with CCTV and intruder alarm system

Fire Protection
- IG55 Argonite fire suppression system in data halls
- Monitored automatic smoke detection throughout

POWER & RELIABILITY

Utility Service
- A total of 1.6 MVA 10 kV power supply from the public grid supply is available at the site, with additional 1.6 MVA as optional UPS and power distribution equipment located in central plant

Electrical Redundancy (Generators / UPS)
- N+N diesel generators are installed
- Scalable UPS providing 'diverse' N+N power supply systems to the data halls in diverse A and B power strings
- LV voltage generators are designed as parallel to the main building configuration in N+1 configuration with individual fuel storage tanks
- The site is scalable for extra transformer and diesel generator

Fuel Storage
- Built with 48 hours of fuel reserves

PDU
- 2*basic PDUs

BMS Controls
- Siemens design CC

CONSTRUCTION

- The property is a prestigious 2002 building built in concrete clad with red brick and featuring a large glass atrium with staircase areas
- Master plan caters for conditioned data halls, office, disaster recovery and storage space
- The data center is arranged in data halls, offering both standard and tailored IT housing with available white space of $100m^2$ up to $400m^2$ 40cm raised flooring
- Floor to ceiling heights of 4m
- Easy access to the loading bay area with large-size lift for IT equipment transport to all whitespaces

CONNECTIVITY

Diversity
- 5 x fibretrunks - separated entry points

Carrier Availability
- Carrier neutral

Fibre Infrastructure
- Provision of 5 diverse underground fibre entry points

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