DCByte

Market Insights: Sweden in a Nordic Perspective

PREPARED FOR

Datacenter Forum Stockholm 2024

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DCByte

Meet the Team

Who We Are

Leading provider of data centre market intelligence

Premiere Analytics Platform covering over **7,000+** data centre assets worldwide

Headquartered in London

Hub offices in Singapore and Northern Virginia

30+ analysts, consultants and developers globally

18 languages spoken

Key Definitions

Live IT
Operational IT Load

Under Construction IT
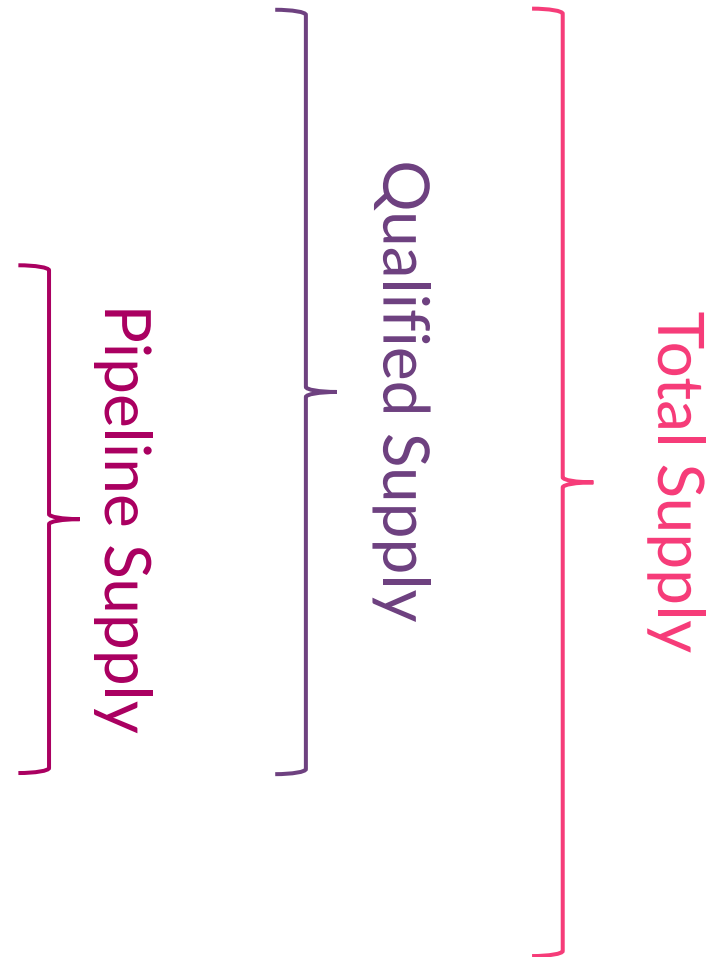IT of data halls undergoing mechanical & electrical fit-out works

Committed IT
- Powered shells
- Projects with required elements secured but have not started building construction

Early Stage IT
Projects without all required elements secured

Pipeline Supply

Qualified Supply

Total Supply

Sweden

Nordics site tours

EMEA

Nordics Analysis

Europe

Data Centre Emerging Markets Comparison

Brussels
Financial centre with high enterprise cloud adoption

Europe's largest market by live supply (excl. FLAP-D)

#1 Google's St Ghislain is the largest live facility in EMEA (MW)

Berlin
Political and economic centre poised for strong growth

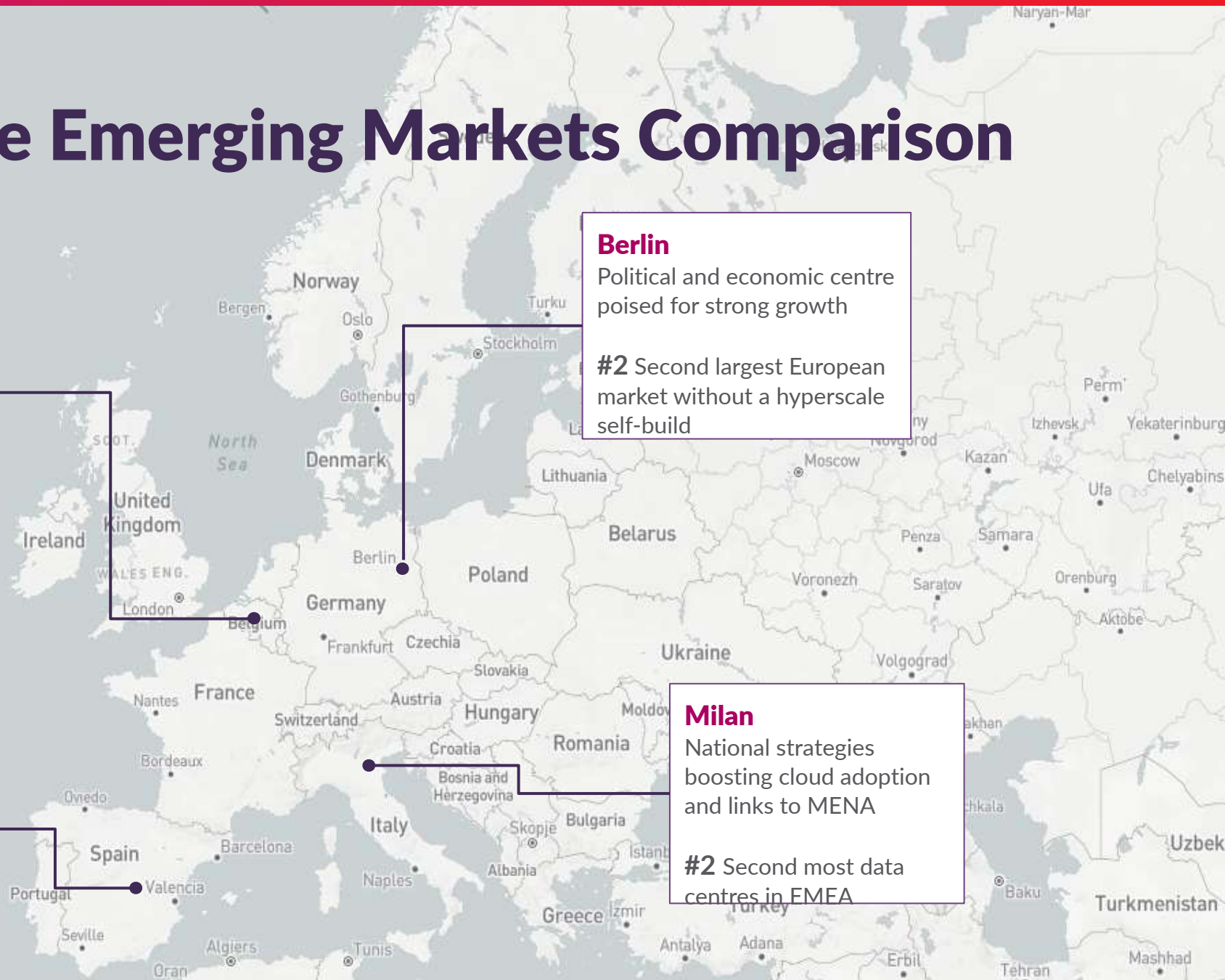**#2** Second largest European market without a hyperscale self-build

Madrid
Strong connectivity options attracting colocation demand

#1 EMEA's **largest colocation market** outside of FLAP-D (by live capacity)

Milan
National strategies boosting cloud adoption and links to MENA
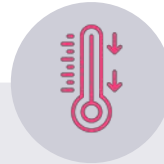
#2 Second most data centres in EMEA

Nordics Overview

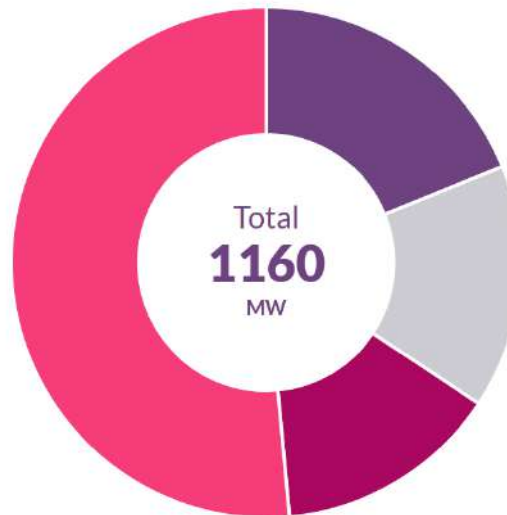**Plentiful renewable energy feeding secure grids and low electricity prices**

Cold climates enabling free air cooling, especially further north

Highly skilled workforce, digitally literate populations, political stability

05/12/2024

Norway

Total
1160
MW

Local operators dominate Norwegian IT capacity, with a strong understanding of its unique challenges

Strong growth potential given its plentiful hydropower capacity

Market data for Q3 2024

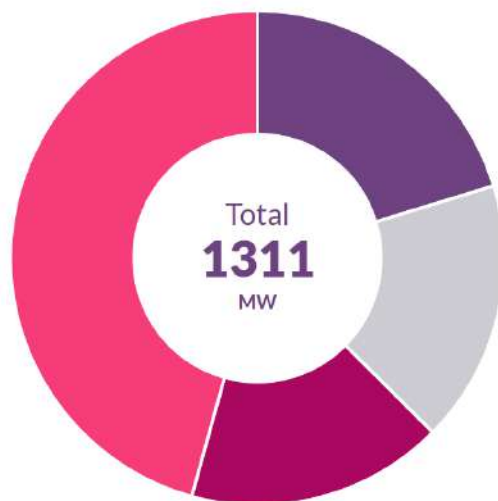## Nordics

Denmark

Total 1131 MW
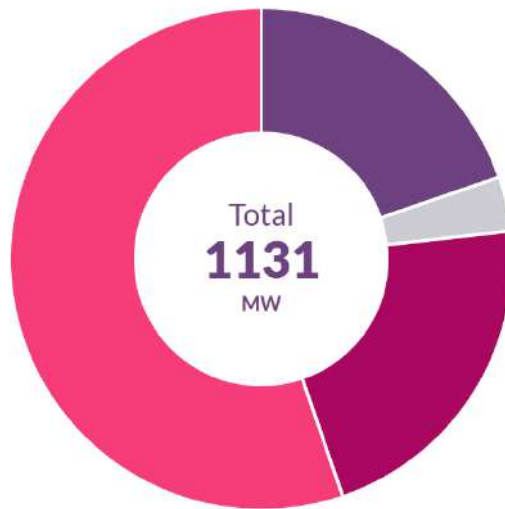
Self-build hyperscale developments have transformed Denmark's data centre landscape since 2017.

Proximity to continental Europe and flat land have enticed global cloud operators

Western Denmark is emerging as a **low-latency hub** with new subsea cable developments

*Market data for Q3 2024*

Nordics

Finland

Strong power infrastructure and low electricity taxes make Finland attractive for AI applications

Advanced district heating networks, with Fortum also marketing sites recovering heat to hyperscalers

NATO and EU membership may allay fears from US operators

Total
1311
MW

Market data for Q3 2024

Nordics

Iceland

Total
339
MW
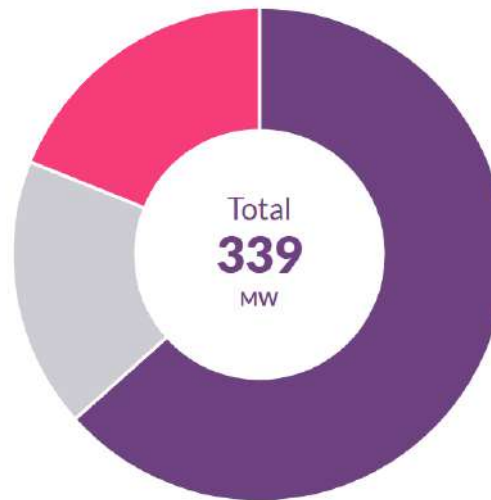
Connectivity is being remedied by subsea cable infrastructure, e.g. IRIS

Plentiful renewable energy and cold climate enable high energy efficiency

However, lack of existing power and data centre infrastructure

Market data for Q3 2024

EMEA

Sweden Analysis

Sweden

Data centre boom

Sweden Total IT Load (MW)

Total
1370
MW
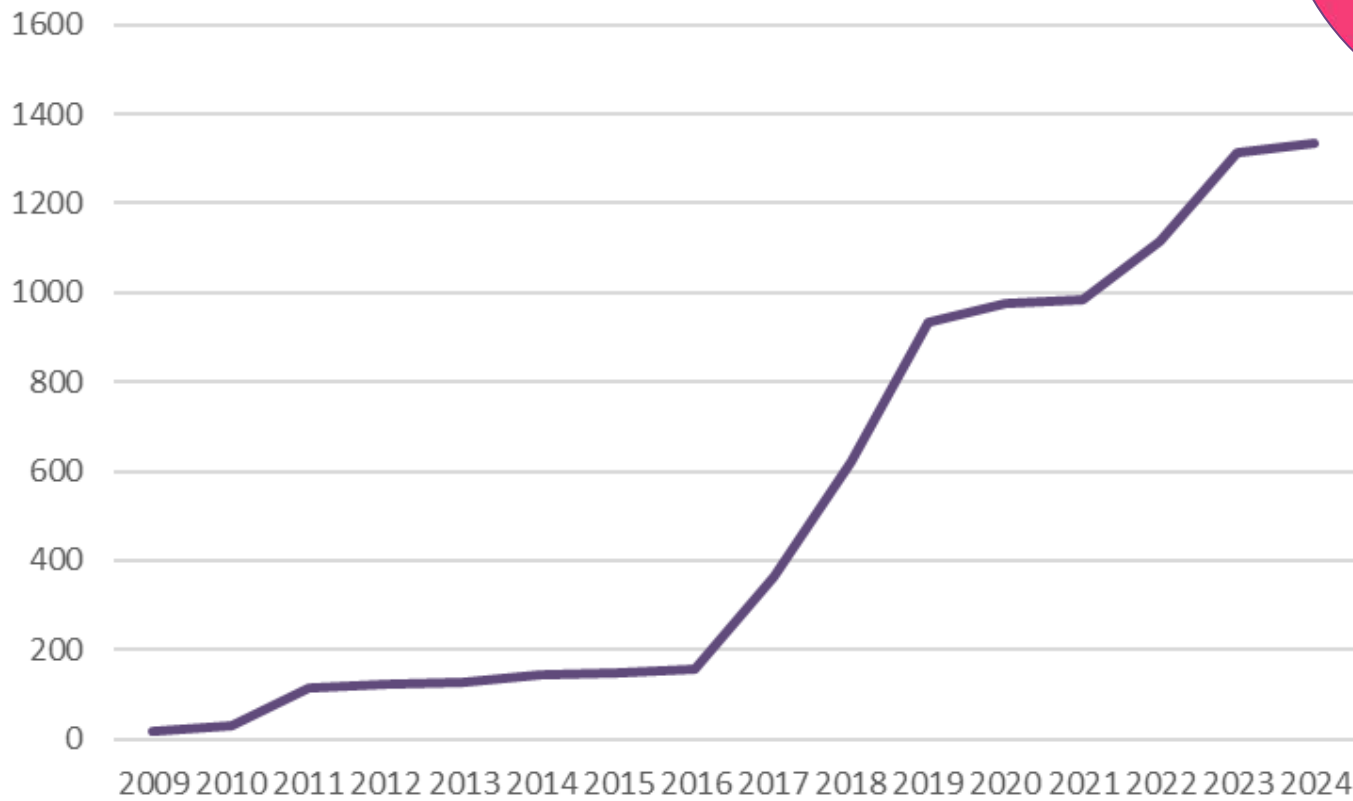
Market data for Q3 2024.
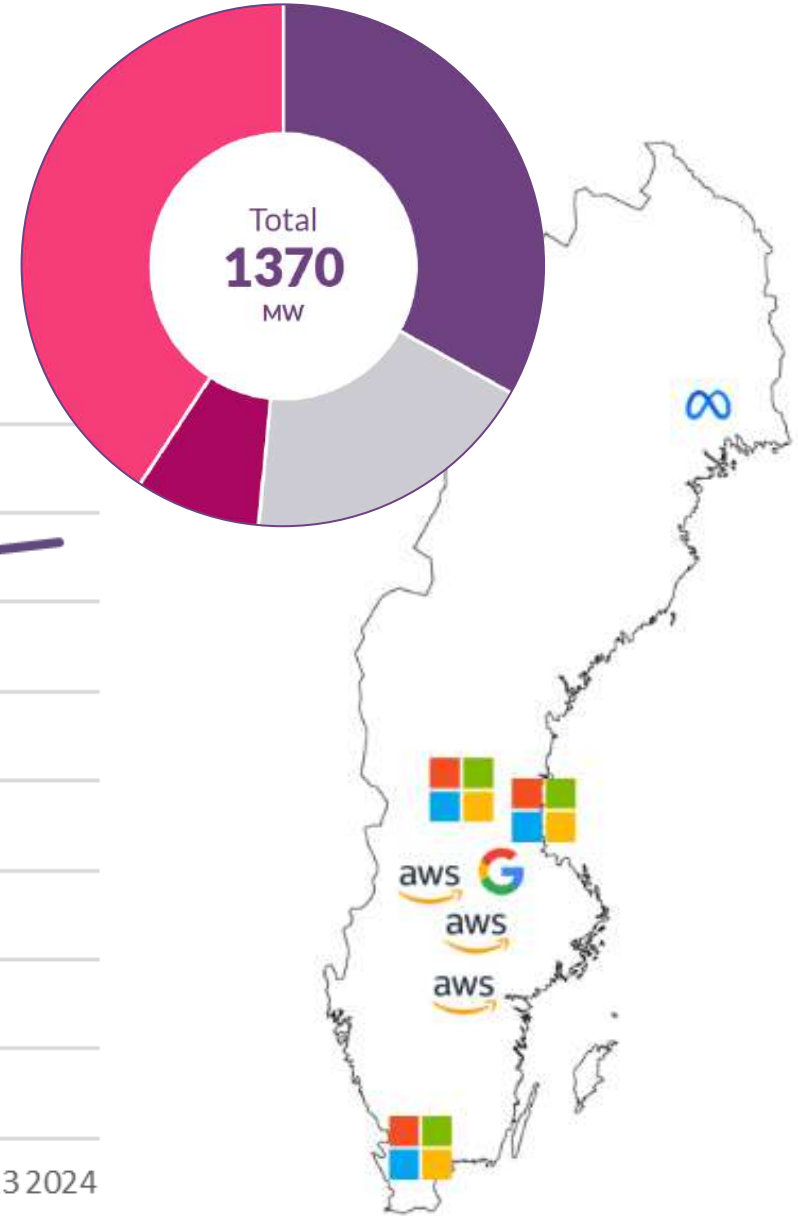
Data Centre Boom

Plentiful renewable energy feeding secure grids and low electricity prices
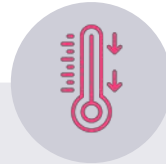
Cold climates enabling free air cooling, especially further north

Highly skilled workforce, digitally literate populations, political stability

National markets comparison

Total IT Capacity by Tier 2 national markets (>1GW)

Spain

Italy

Sweden

1 GW
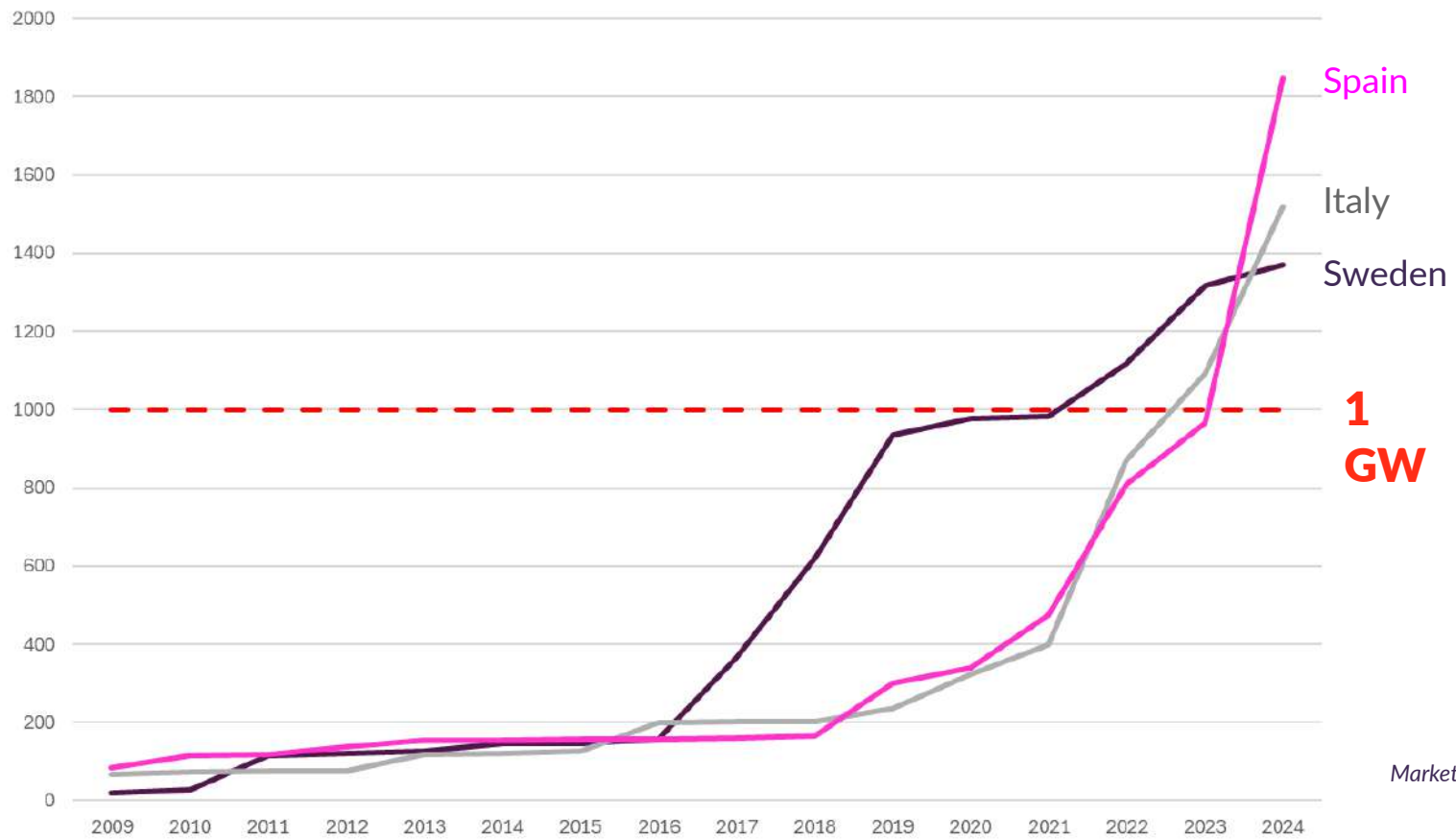
Market data for Q3 2024.

Geographical disparity

Northern Sweden: cold climate and cheap power but isolated location creates logistical challenges

Dalarna and Gävleborg Counties: home to Microsoft, Google and EcoDataCenter and supportive of sustainable DC development

Malmö and Gothenburg: retail colocation markets primarily servicing local requirements

Stockholm: excellent connectivity, limited space and still servicing local retail demand

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Emerging sub-market: Dalarna and Gävleborg

Closer than the far north to **international airports** and population centres

Access to **cheap and carbon-free** energy from the north
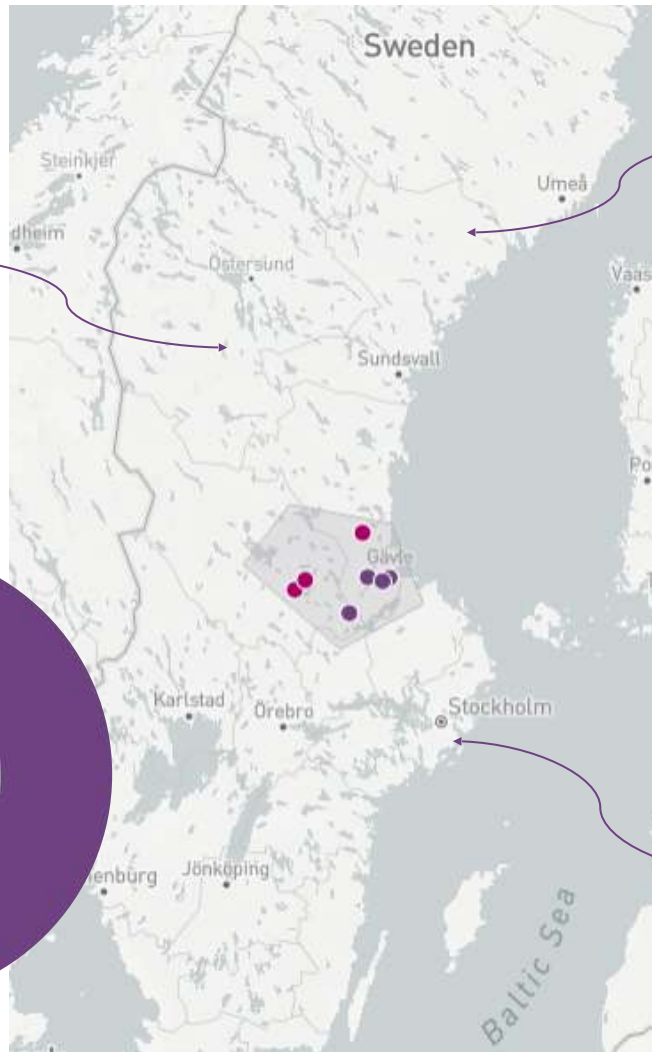
EcoDataCenter

Total
373
MW

Close **proximity to Stockholm** provides low latency connection to mainland Europe
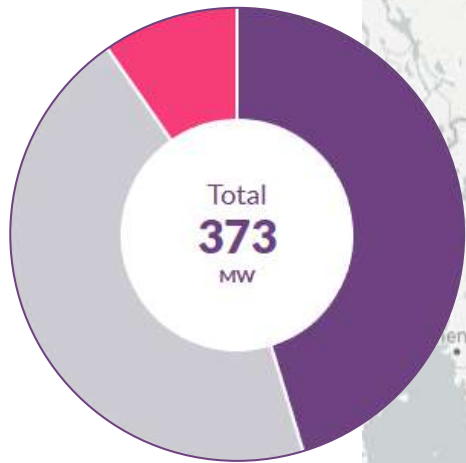
Market data for Q3 2024.

Regional comparison

Total IT Capacity by Sweden's sub-markets

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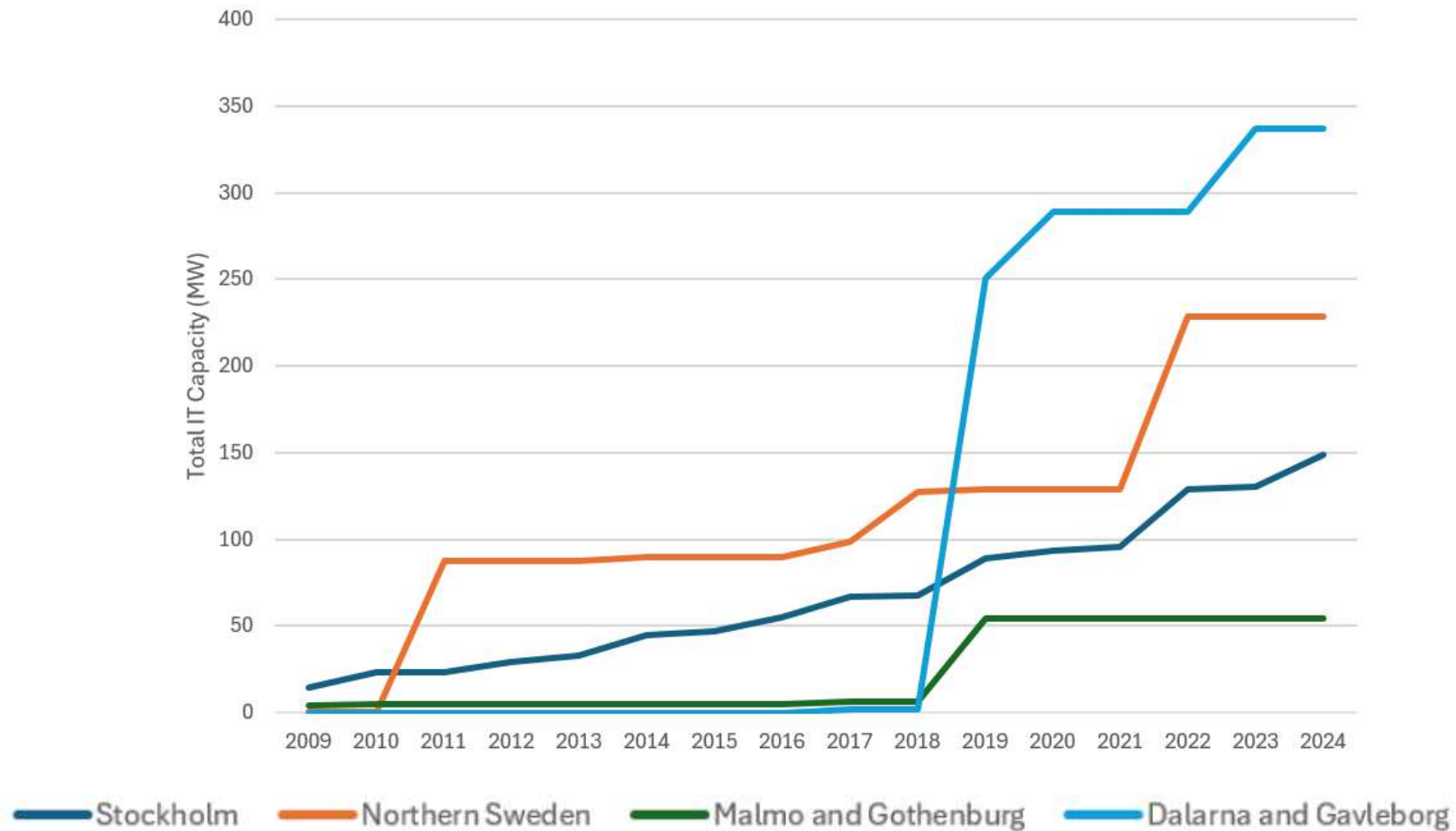
Summary & Future Thoughts

Sweden is adapting to cater to new demand

Nordics possess unique characteristics producing varied data centre markets

The Nordics are well-suited to hosting AI and HPC applications

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Sweden

Download Sweden Infographic

Thank you

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