DCByte

Market Insights: Denmark in a Nordic Perspective

PREPARED FOR

Datacenter Forum Copenhagen 2024

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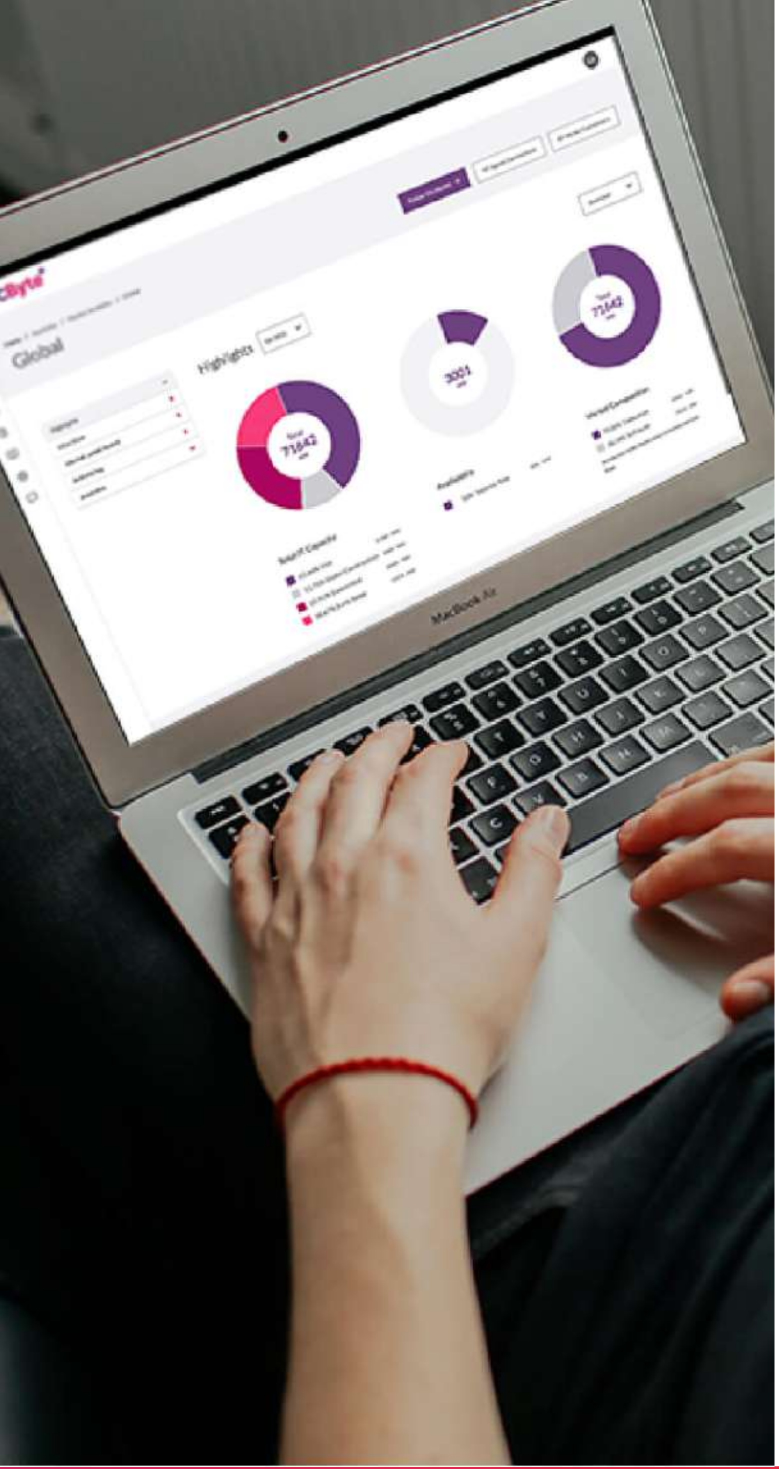


Meet the Team

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

Denmark

Copenhagen sites tour

Nordics Overview

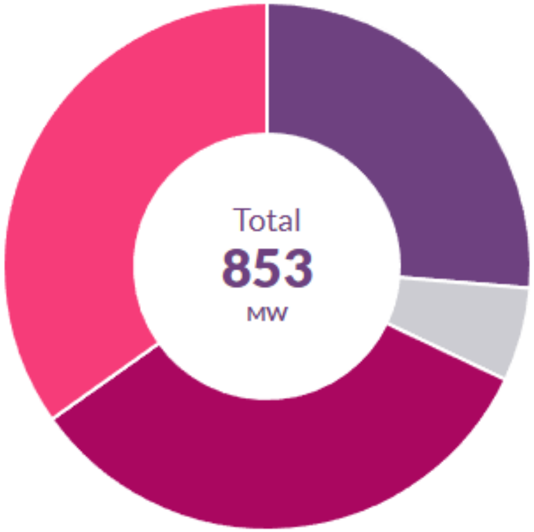
Plentiful renewable energy feeding secure grids and low electricity prices

Cold climates enabling free air cooling, especially further north

Highly skilled workforce, digitally literate populations, political stability

Denmark

Denmark Overview



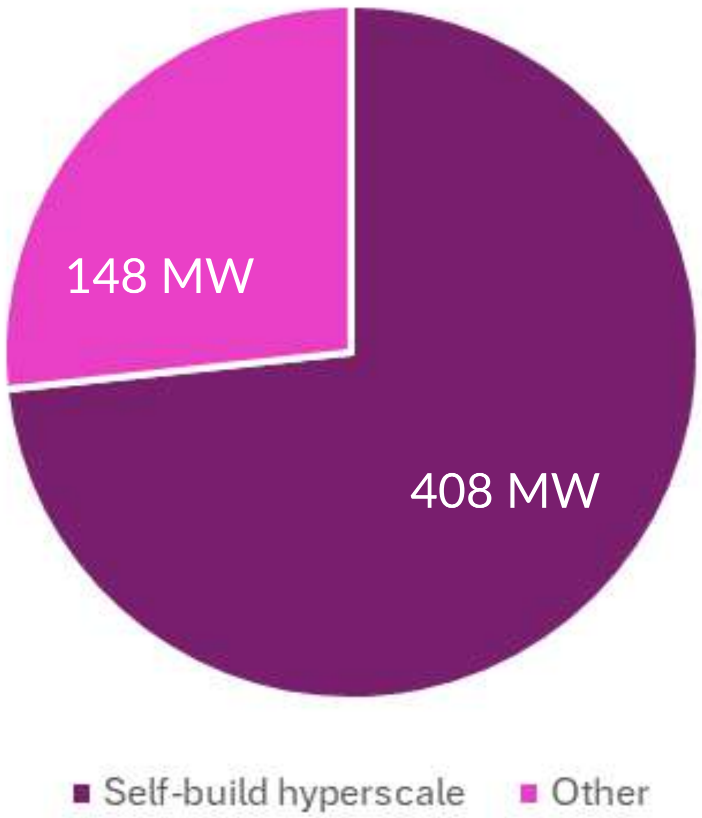
Total IT Capacity

26.32%	Live	225 MW
5.74%	Under Construction	49 MW
33.1%	Committed	283 MW
34.83%	Early Stage	297 MW

Market data for Q2 2024.

Denmark

Market Composition



Market data for Q2 2024.

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

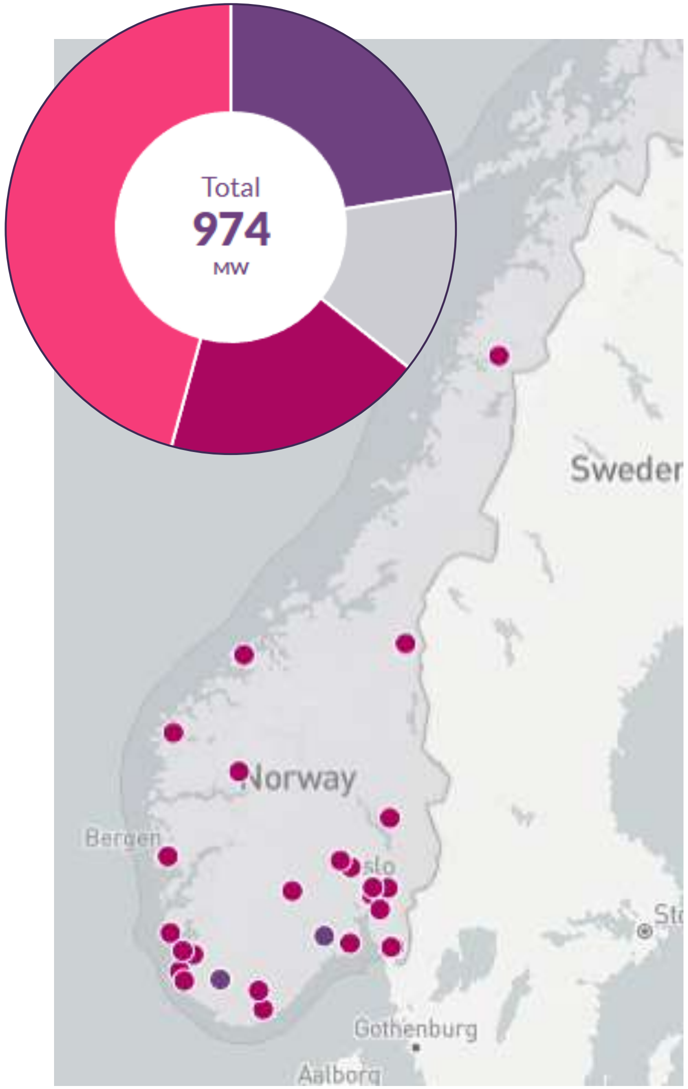
Government support, proximity to continental Europe and flat land helped entice global cloud operators.

Denmark

Market Composition

Norway

Market data for Q2 2024.



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

Strong growth potential given its plentiful hydropower capacity

Denmark

Wind energy

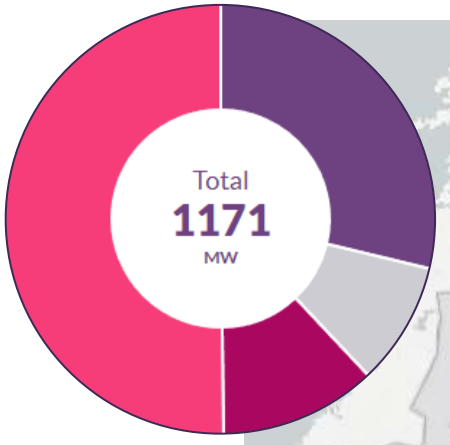
High offshore wind capacity in the North Sea is encouraging for wholesale colocation operators

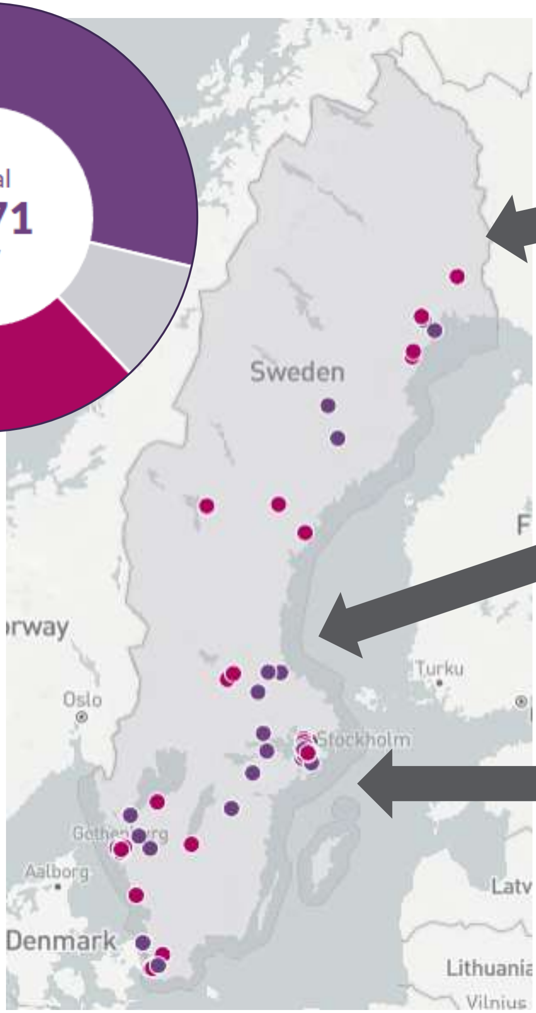
Commitment to 18 GW offshore wind capacity by 2030, reaching 35 GW by 2050

Matching this with power distribution investment will cater for increased demand

Nordics

Sweden - geographical disparity





Market data for Q2 2024.

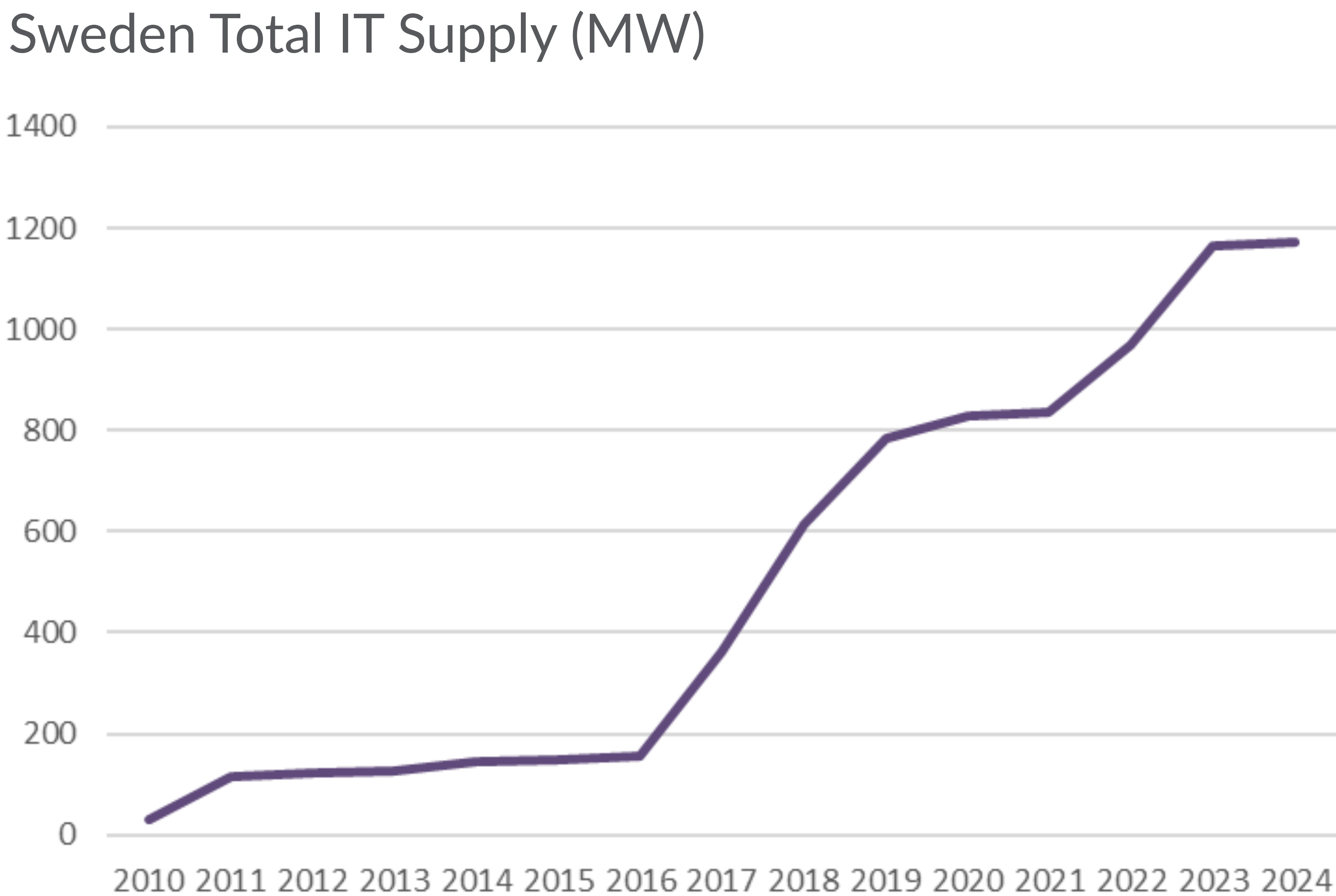
Northern Sweden: cold climate and cheap power but isolated location creates logistical challenges

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

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

Nordics

Sweden - data centre boom



Denmark

Waste heat reuse

Existing district heating networks have incentivised waste heat recovery for DC operators

Denmark's government has prioritised powering the networks through renewables

New and innovative uses such as vegetable production may help attract wholesale operators

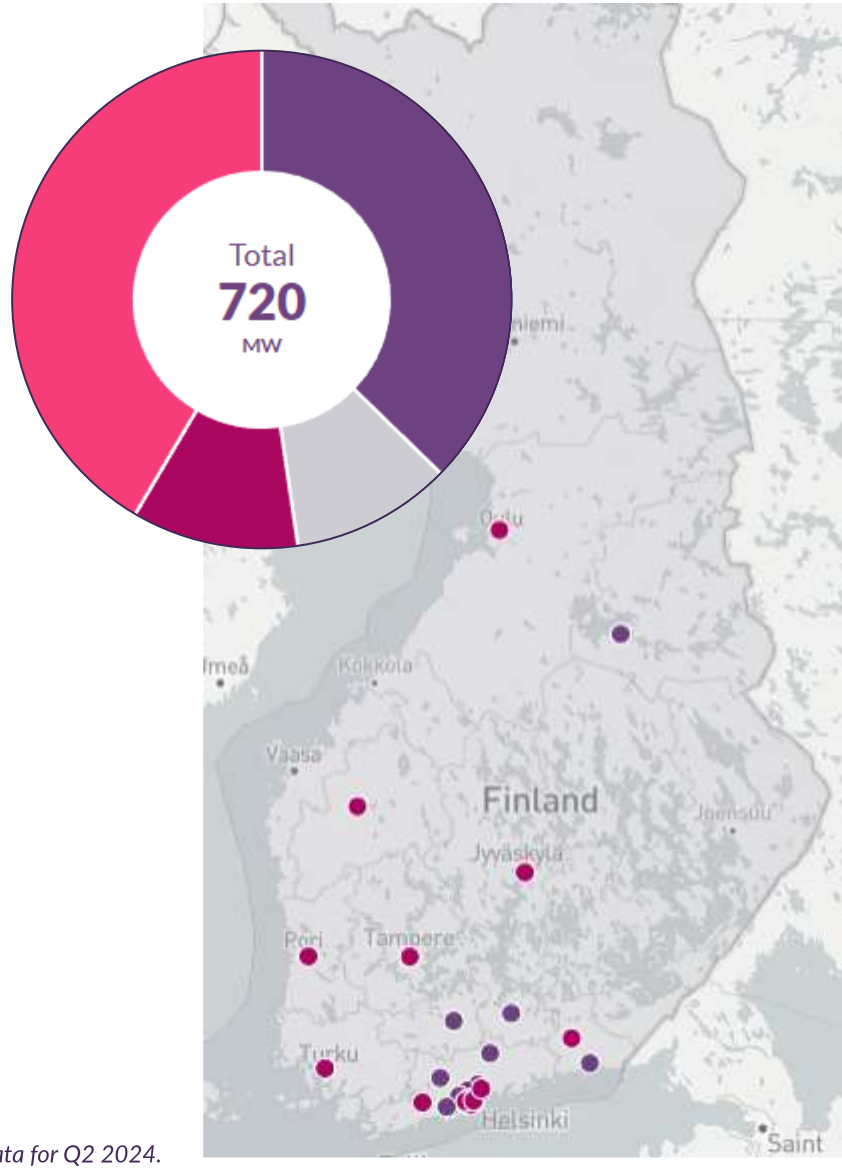
Nordics

Finland

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

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

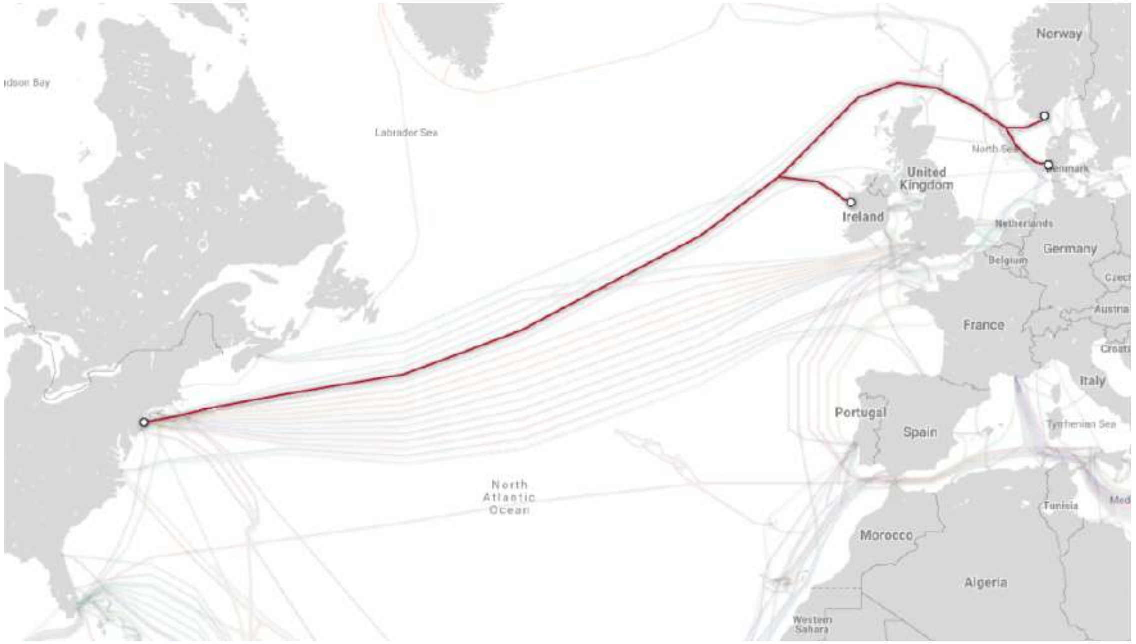
NATO membership may allay fears from US operators



Market data for Q2 2024.

Denmark

Connectivity & Low Latency



Western Denmark is emerging as a connectivity hub, led by subsea fibre cables such as Bulk's Havfrue

Increasing demand for low-latency applications such as IoT and edge computing may aid Denmark's colocation footprint

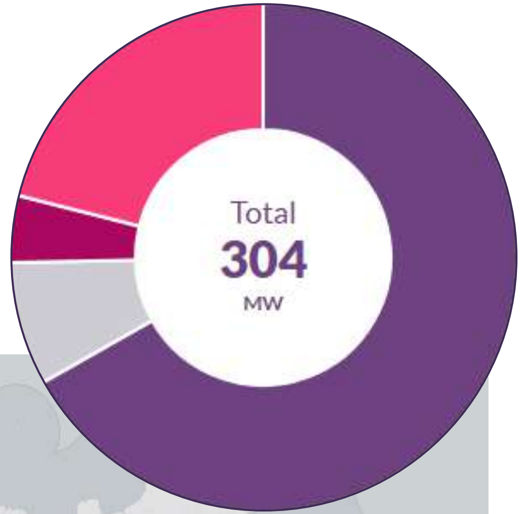
Nordics

Iceland

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



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Nordics

Summary & Future Thoughts

Denmark 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

Thank you

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