

Norwegian Data Centre Market Overview

Datacenter Forum

31/03/2022



- Denmark
- Djibouti
- Egypt
- Equatorial Guinea
- Eritrea
- Estonia
- Ethiopia
- Faroe Islands
- Finland
- France
- Gabon
- Gambia
- Georgia
- Germany
- Ghana
- Gibraltar
- Greece
- Guernsey
- Guinea
- Guinea-Bissau
- Hungary
- Iceland
- Iran
- Iraq
- Ireland
- Isle Of Man
- Israel

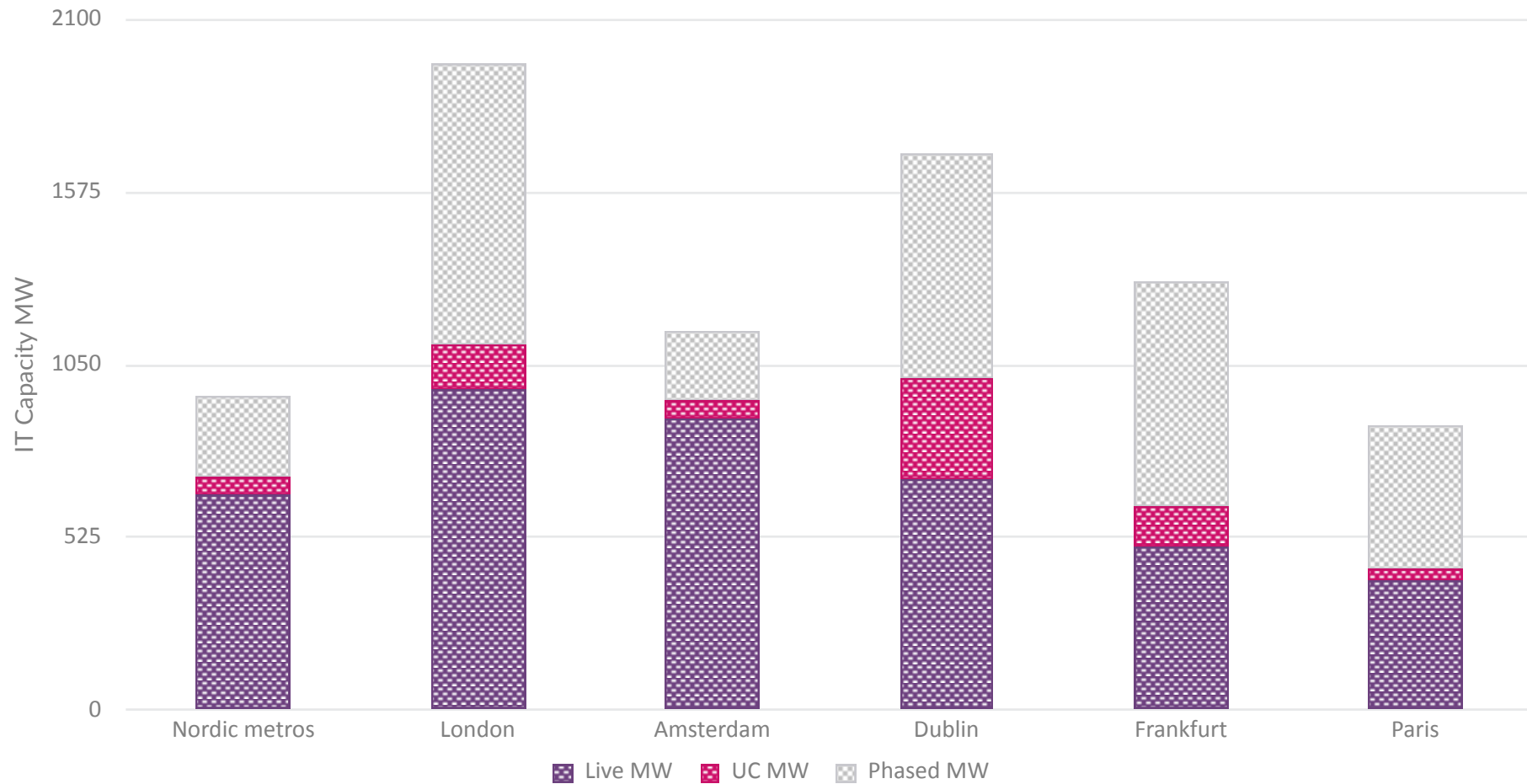
- Italy
- Ivory Coast
- Jersey
- Jordan
- Kenya
- Kuwait
- Latvia
- Lebanon
- Lesotho
- Liberia
- Libya
- Liechtenstein
- Lithuania
- Luxembourg
- Macedonia
- Madagascar
- Malawi
- Mali
- Malta

DC Byte

Global market data and analytics
for the data centre sector.

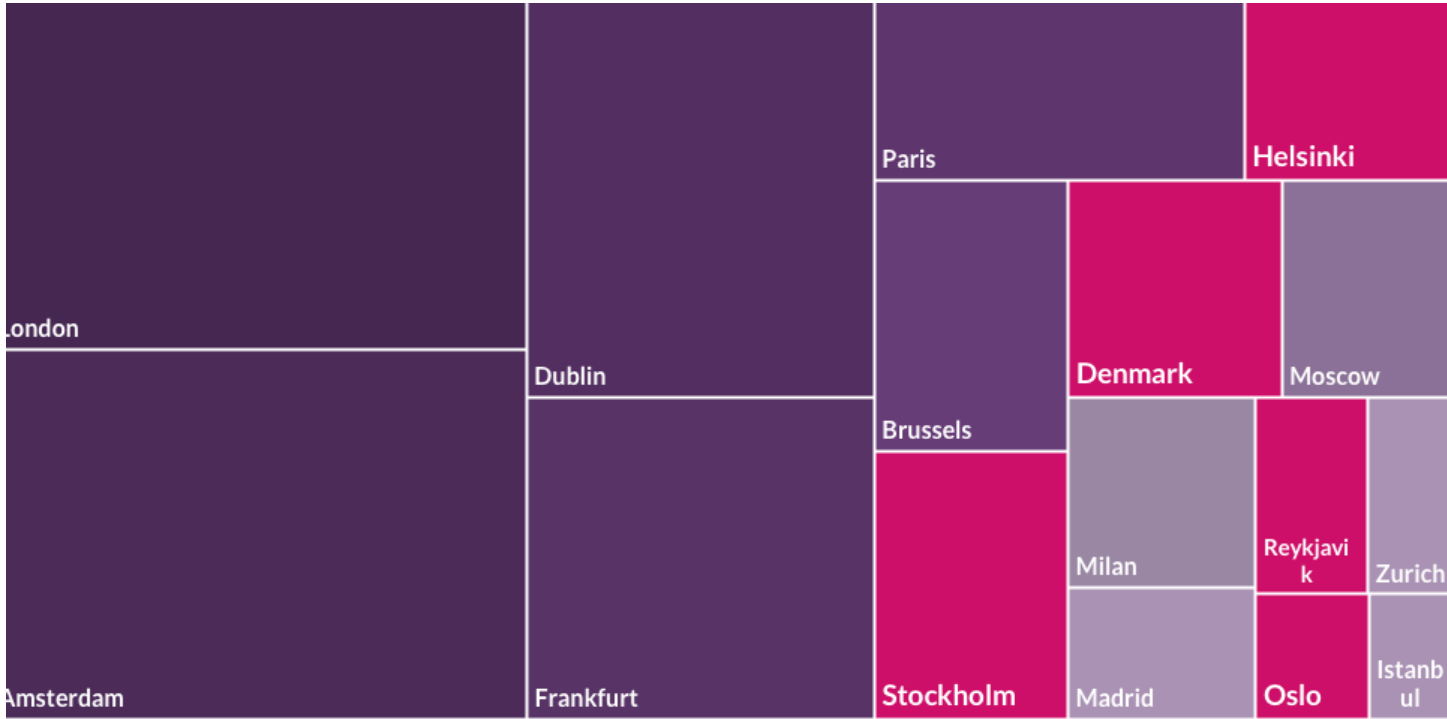
We hope you find this presentation interesting and informative. Whilst we make every effort to ensure the accuracy and reliability of our data, please do not treat it as definitive, as any form of solicitation to purchase, as a survey or formal advice. All data is based on the opinions and expertise of our research team from a range of sources, and as such these are liable to change as new information becomes available.

Nordic metros Comparison to FLAP-Ds



Europe

Primary Data Centre Markets Comparison



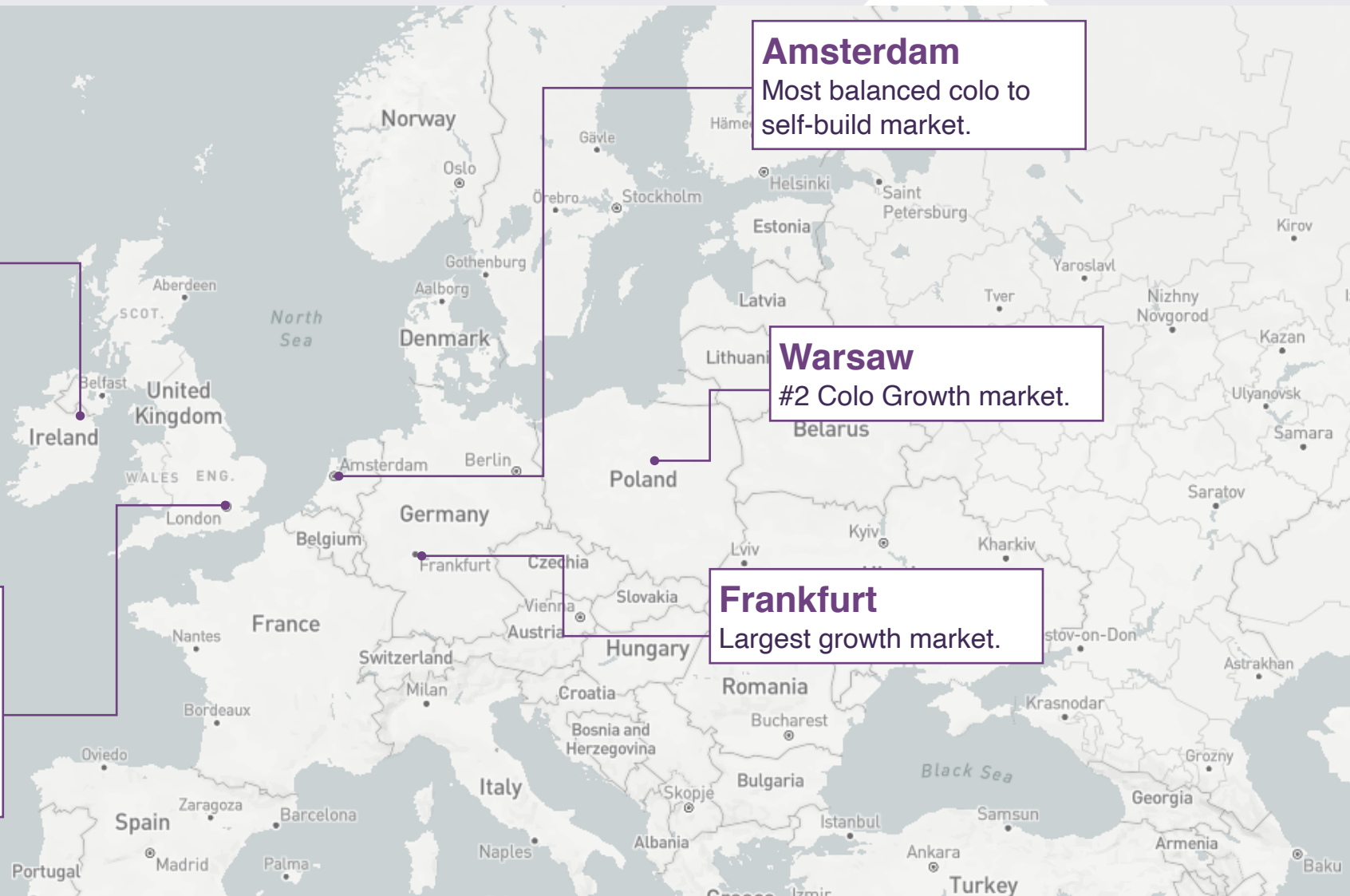
Dublin
#1 Self-build hyperscale market by live power (for now).
#1 by development pipeline with a marginal difference (989MW).

London
#1 Colo Market by live power (913MW).
#2 by development pipeline (988MW).

Amsterdam
Most balanced colo to self-build market.

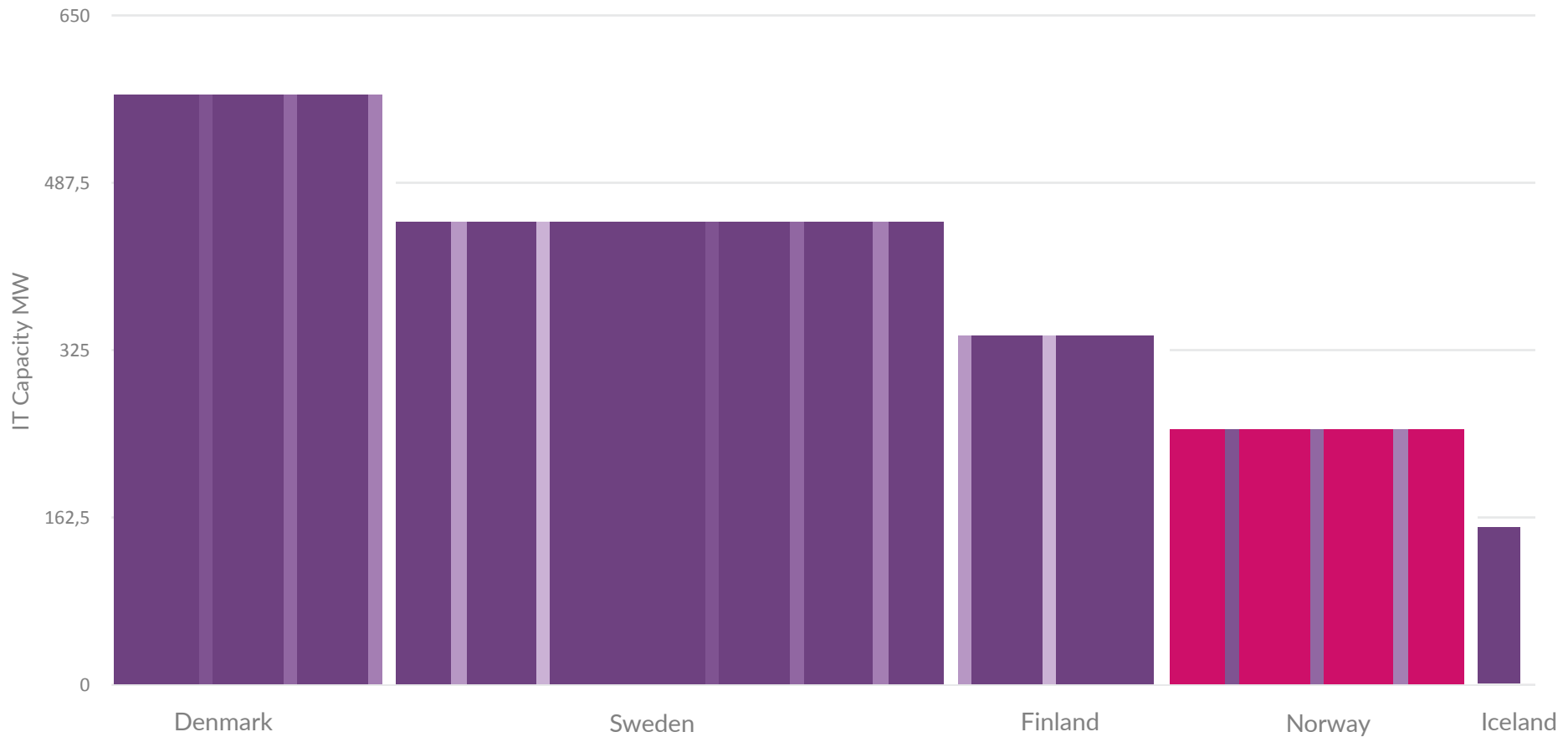
Warsaw
#2 Colo Growth market.

Frankfurt
Largest growth market.



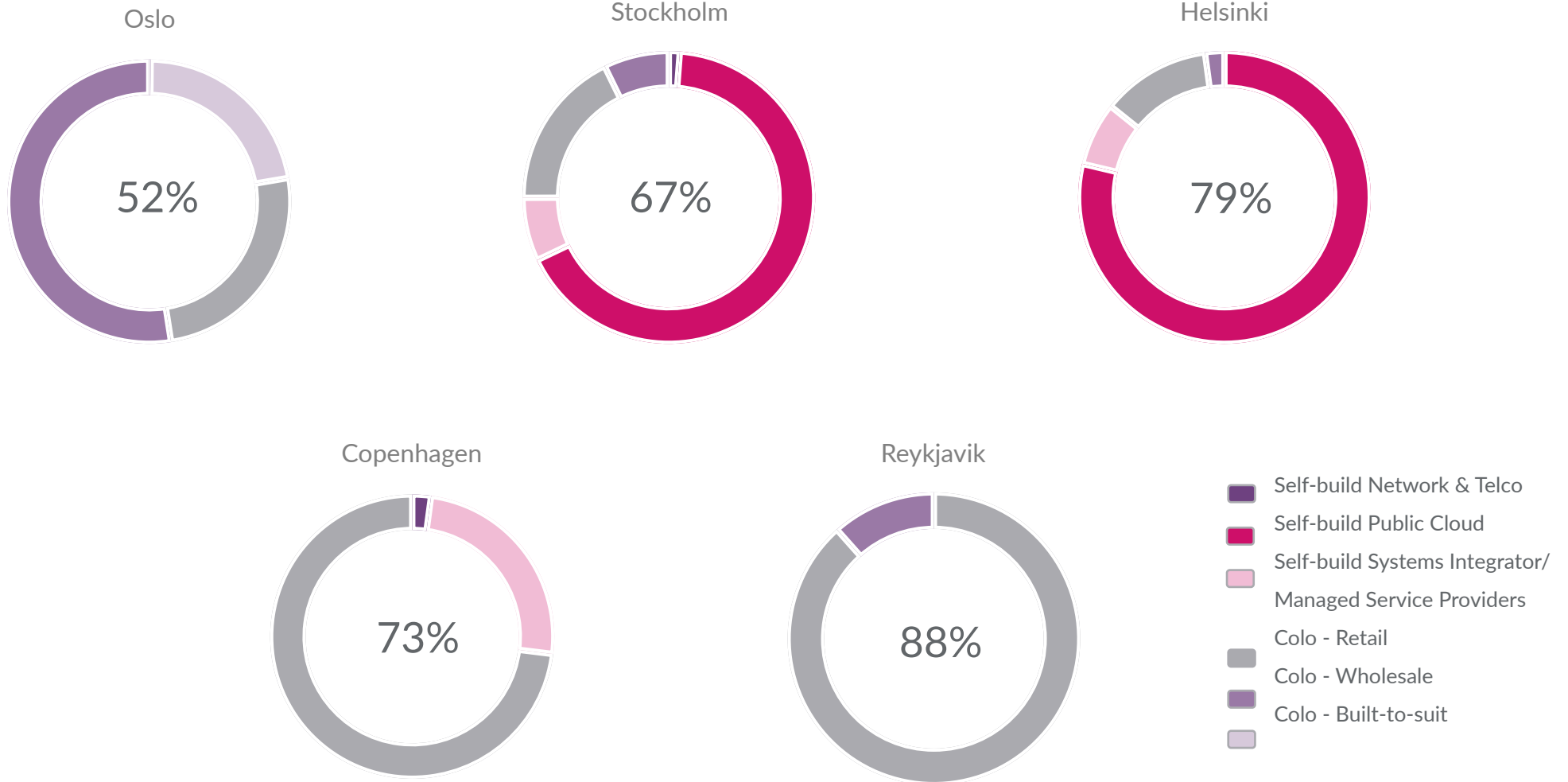
Nordics Regional Comparison

Nordics total IT capacity comparison to the size of the market.



Nordic Metros

Market Composition by Operator Type



Nordic Metros

Market Composition by Operator Type Comparison to National Market

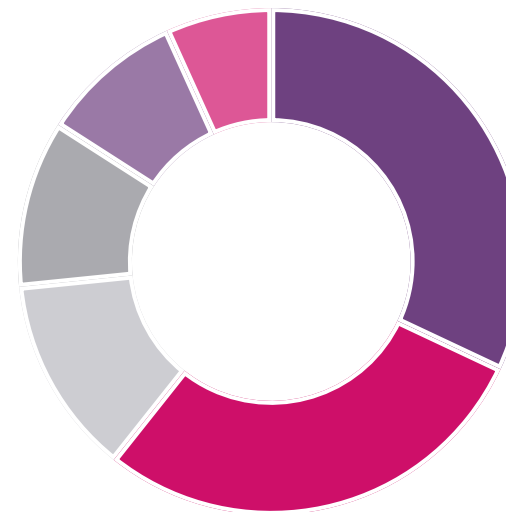


Norway

National Data Centre Market



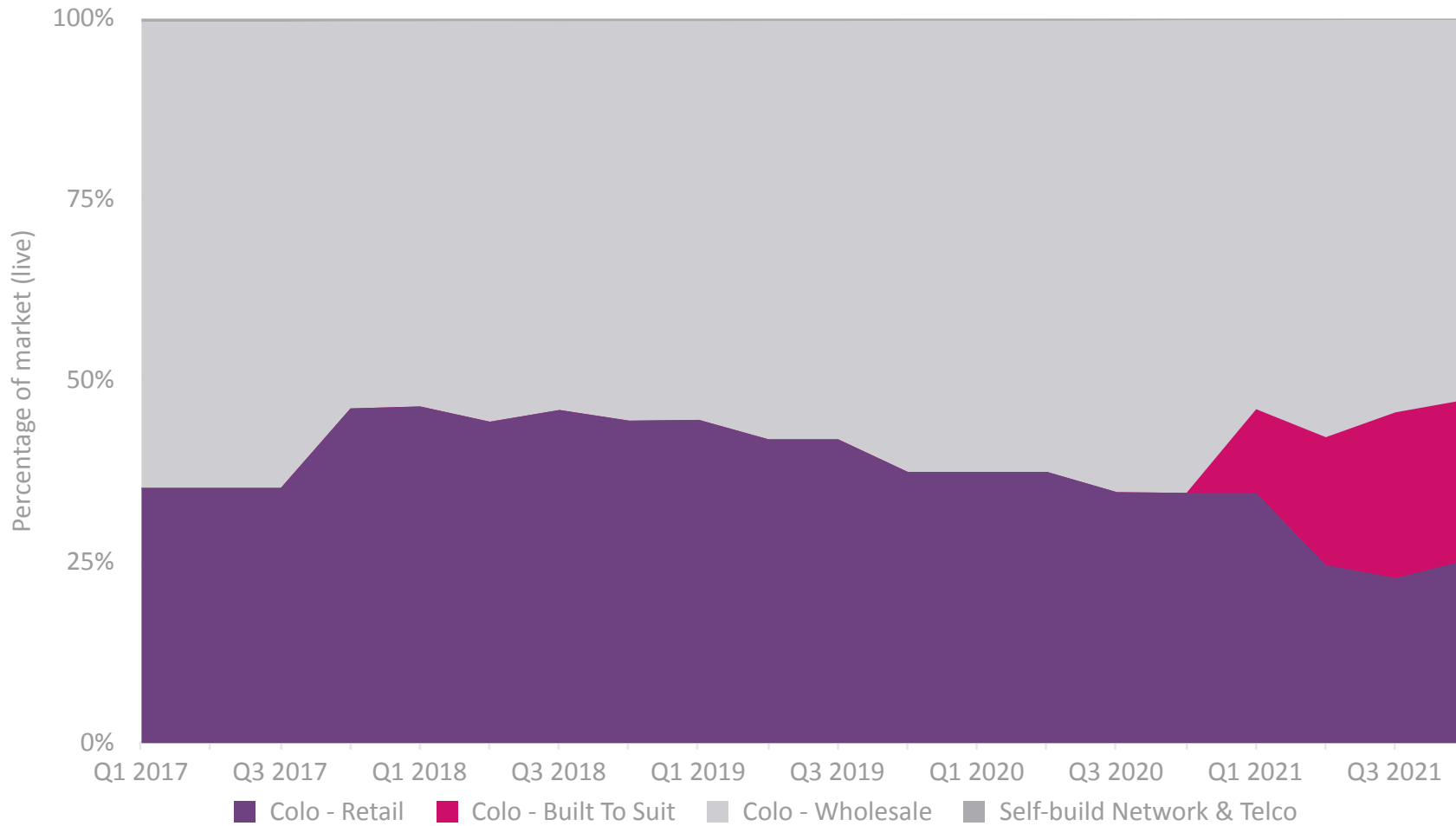
- Stack Infrastructure
- Green Mountain
- Lefdal Mine Datacenter
- Bulk Infrastructure
- Basefarm
- Others



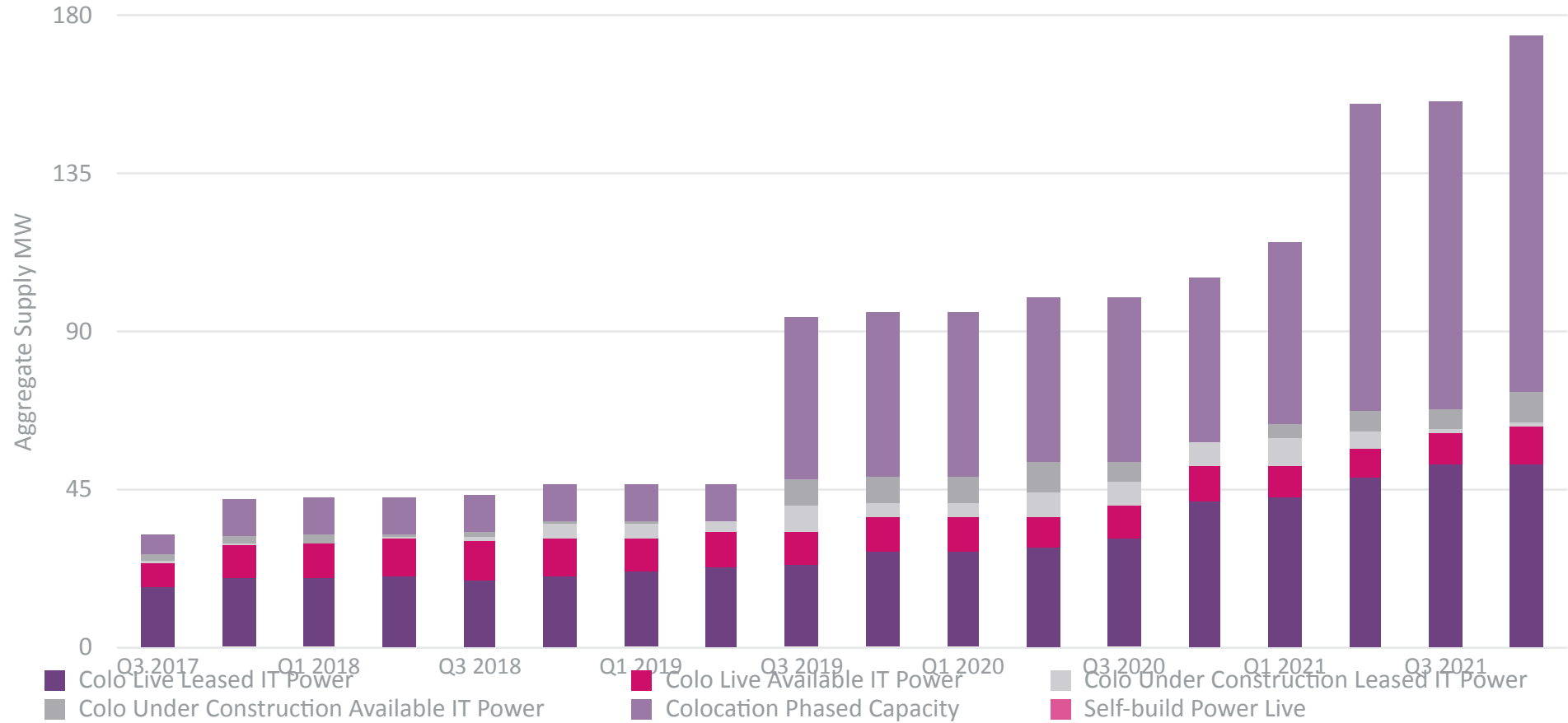
1	Stack Infrastructure
2	Green Mountain
3	Lefdal Mine
4	Bulk Infrastructure
5	Basefarm

Oslo

Historic Market Composition



Oslo Supply Pipeline

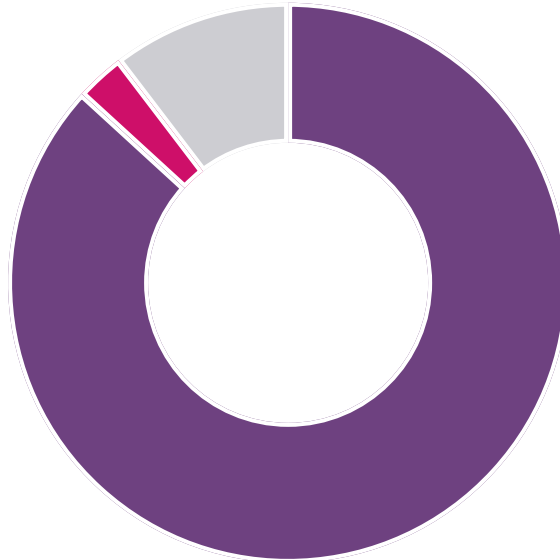


Norway

Electricity Sources and Pricing

MW of Electricity Produced in Norway in 2020

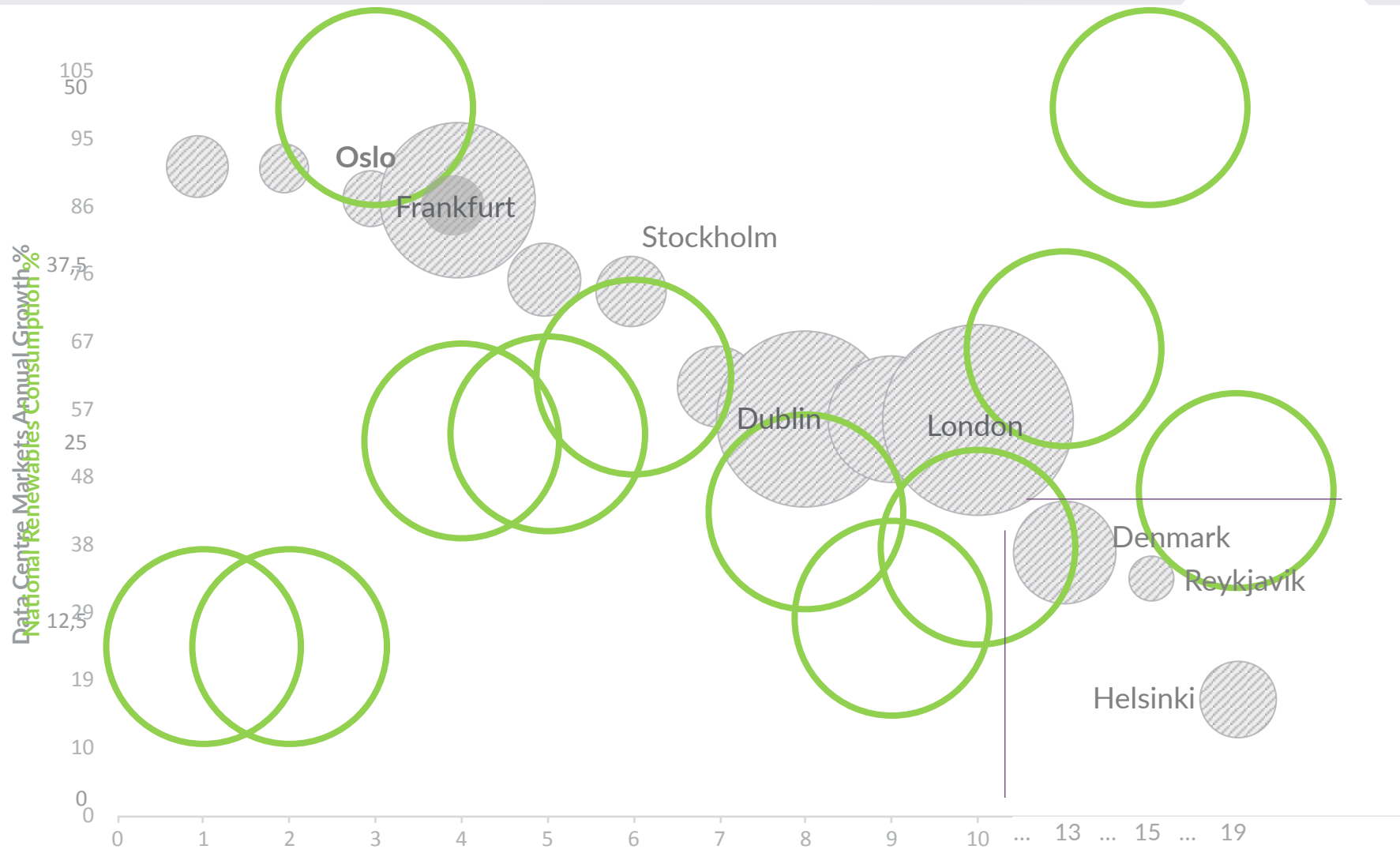
- Hydropower
- Thermal Power
- Wind Power



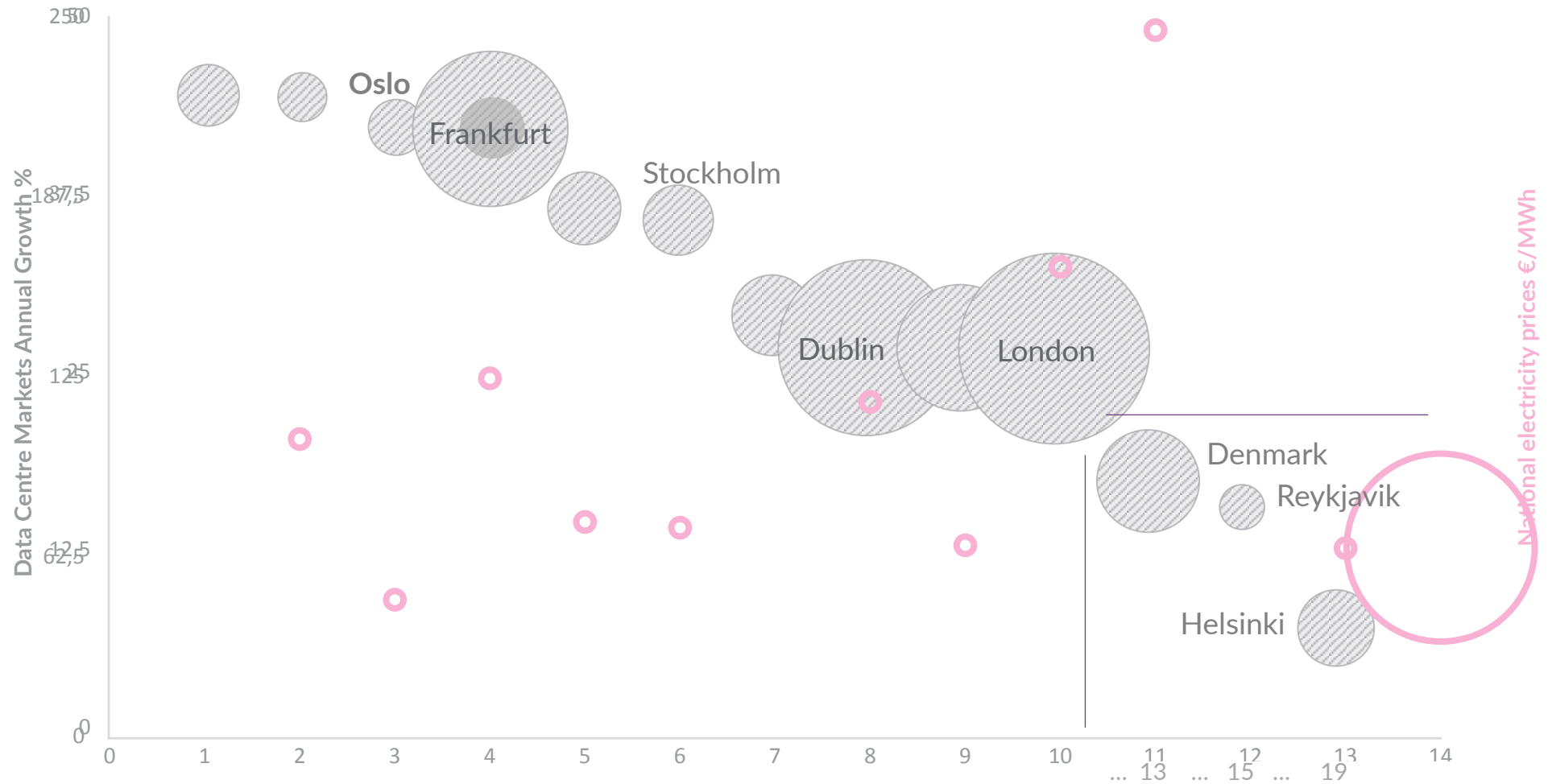
Electricity prices for non household consumers across Nordics in 2021 (EUR/kWh)

1	Norway*	0.0479
2	Finland	0.0658
3	Sweden	0.0729
4	Denmark	0.2457

Europe Markets Growth Comparison to Renewables Consumption



Europe Markets Growth Comparison to Electricity Prices



Norway

Electricity Generation and Consumption Capacity

Norway: electricity production, consumption, imports and exports analysis.



Republic of Ireland

Demand ~11,870 MW

Data centres 7.13%

Norway

Demand 31,189 MW

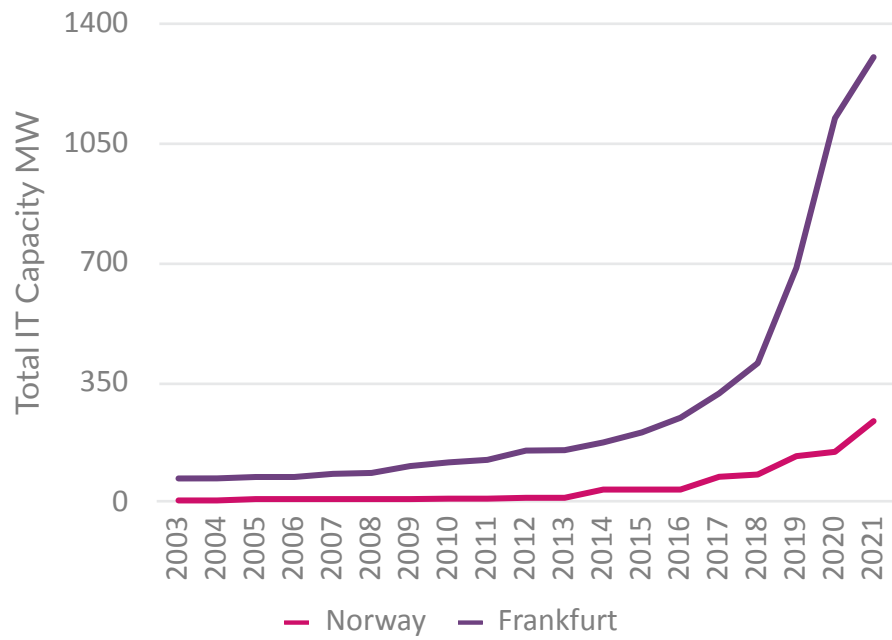
Data Centres 0.38%

Spare capacity 1,646 MW

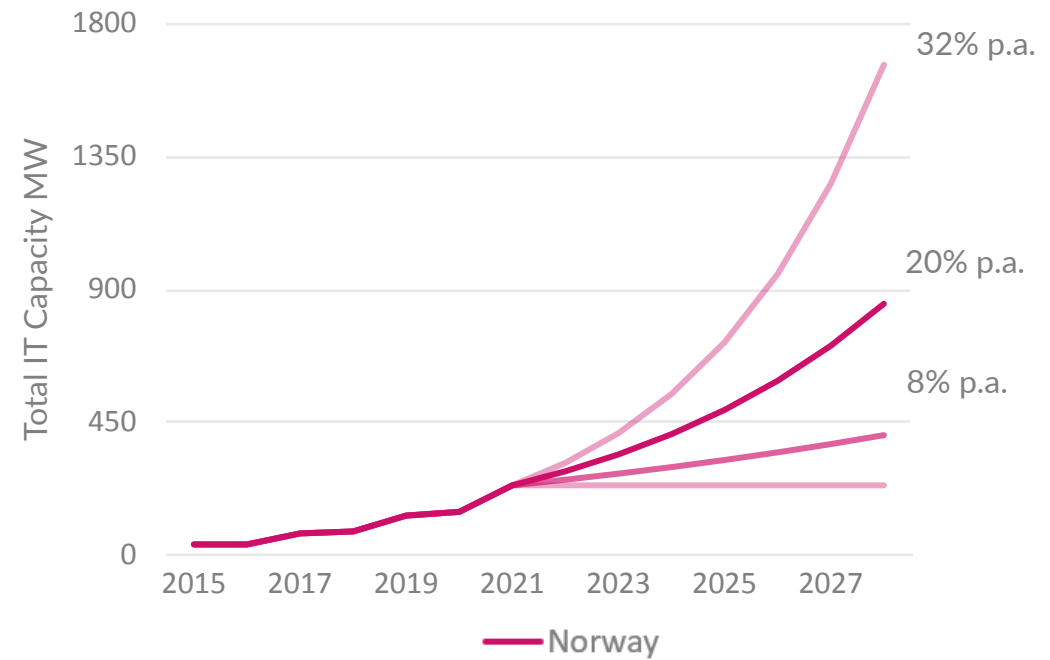
Norway

Historic Market Growth and Future Projections

Historic markets supply comparison.

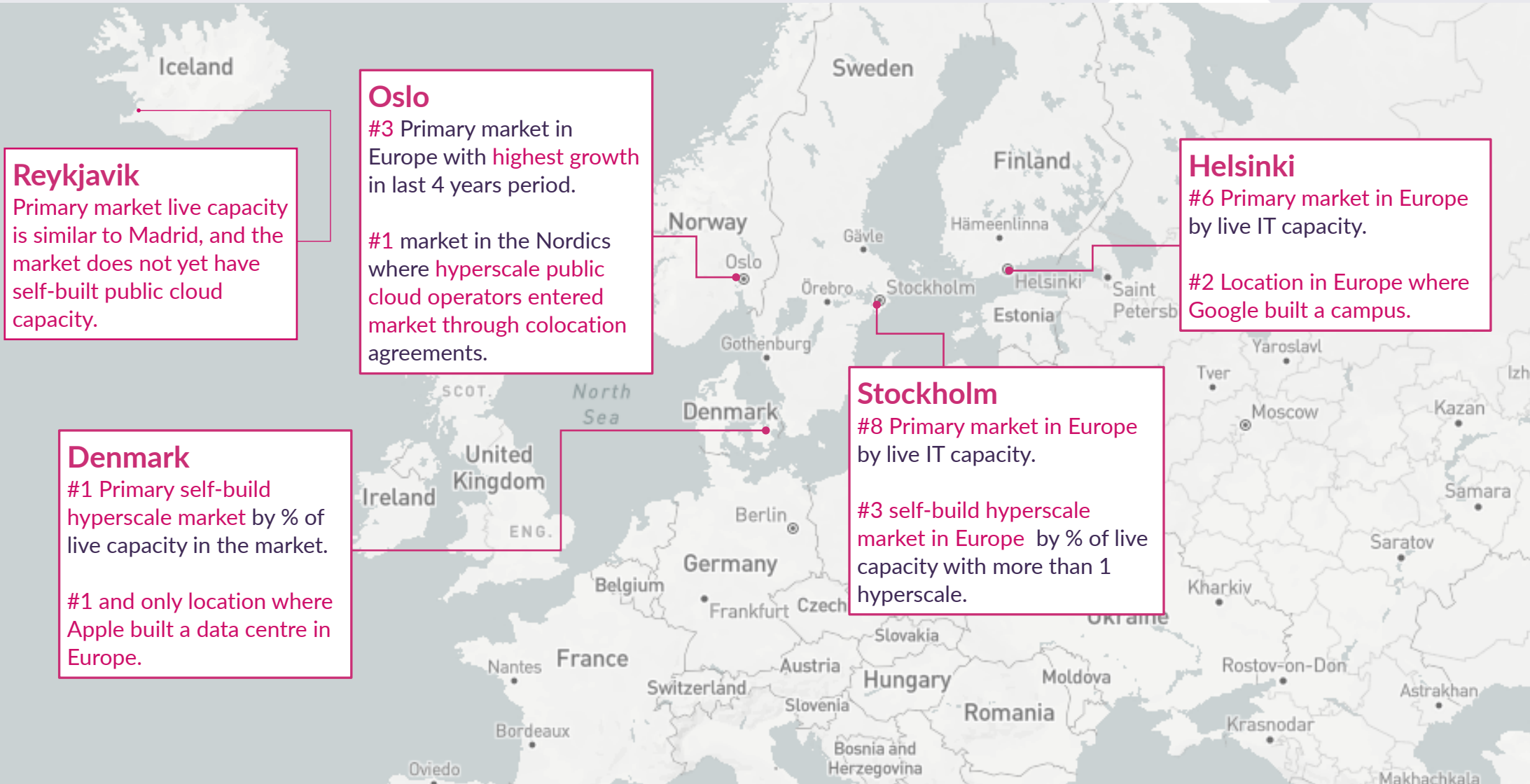


Norwegian market supply projections.



Nordics

Data Centre Markets in Summary



Thank you