interxion™

How improving connectivity and reliability leads to greener services that provide more value to end-users

About Interxion

11
Countries

13
Cities

45
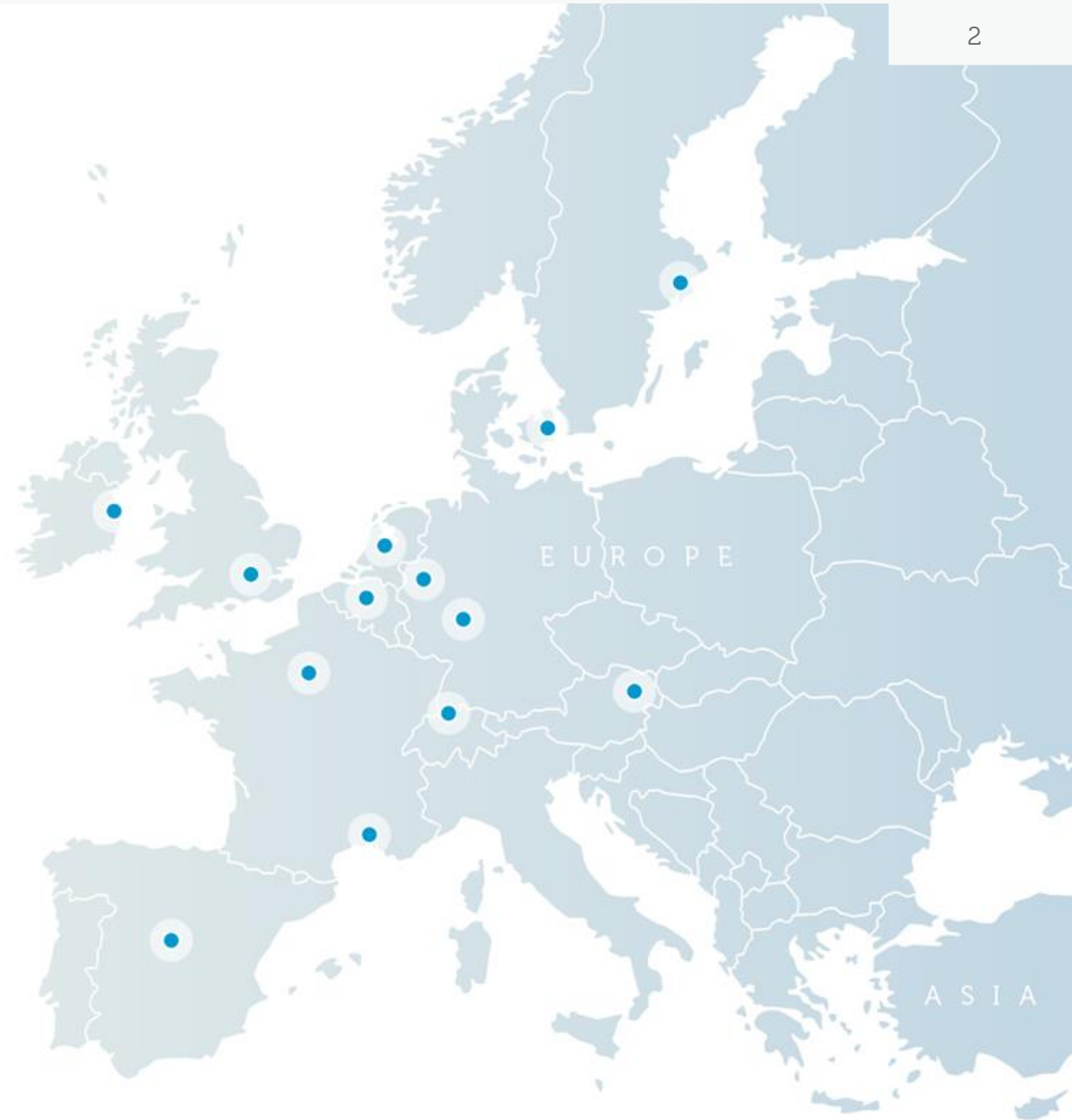Data Centres

Data Centre Excellence

Interconnected

Communities of Interest

600+
Connectivity Providers

77%
<50ms to 77% of Europe's GDP

EUROPE

ASIA

connectivity

reliability
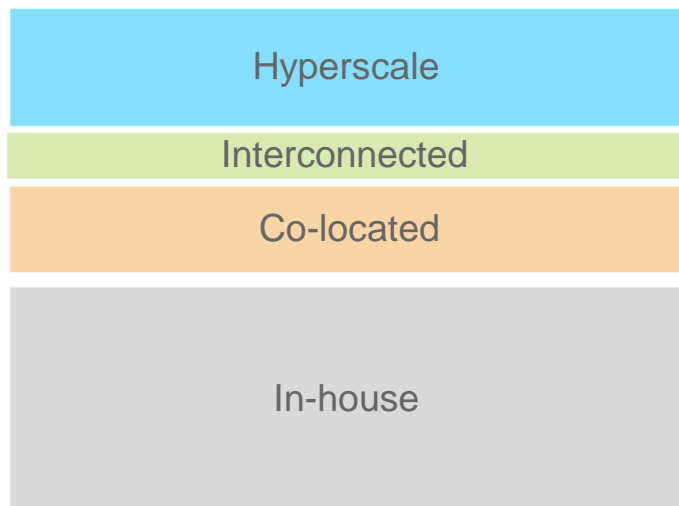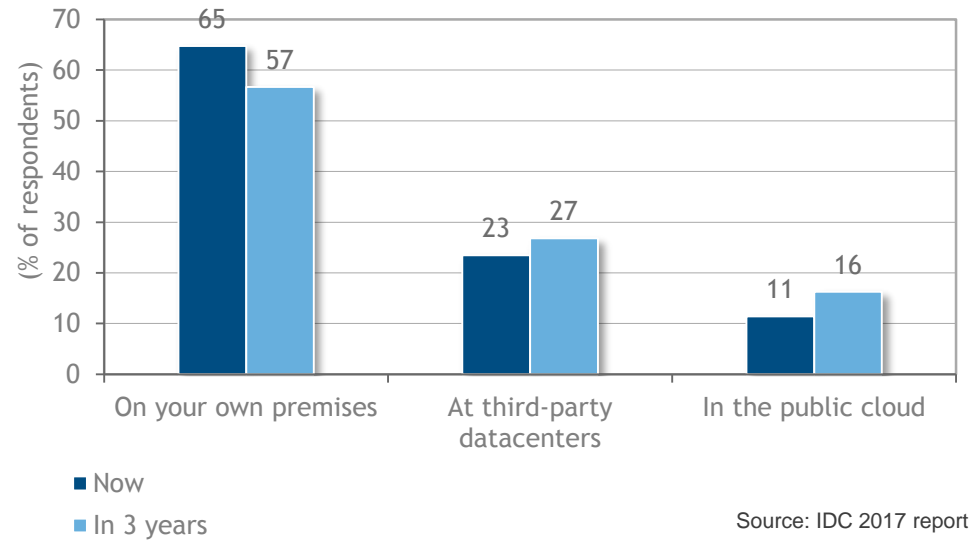
greener services

more value

WHY?

Driving the demand – home

Driving the demand – work

Data centres of the future

(% of respondents)

On your own premises: 65 (Now), 57 (In 3 years)
At third-party datacenters: 23 (Now), 27 (In 3 years)
In the public cloud: 11 (Now), 16 (In 3 years)

■ Now
■ In 3 years

Source: IDC 2017 report

Hyperscale

Interconnected

Co-located

In-house

Workloads

Hyperscale

Interconnected

Co-located

In-house
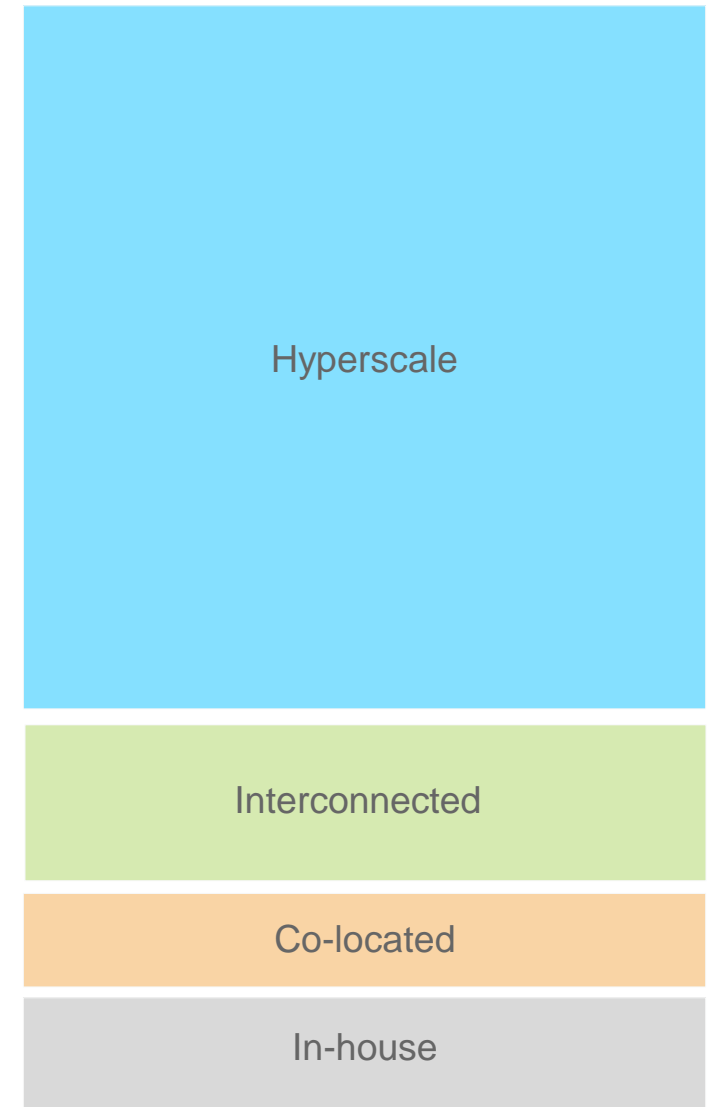
Connectivity and Value

Be where the traffic and users are

Hyperscale
20 – 200 MW

Interconnected
data centre

Carriers   Networks

Services

Eyeballs

End-users   Communities

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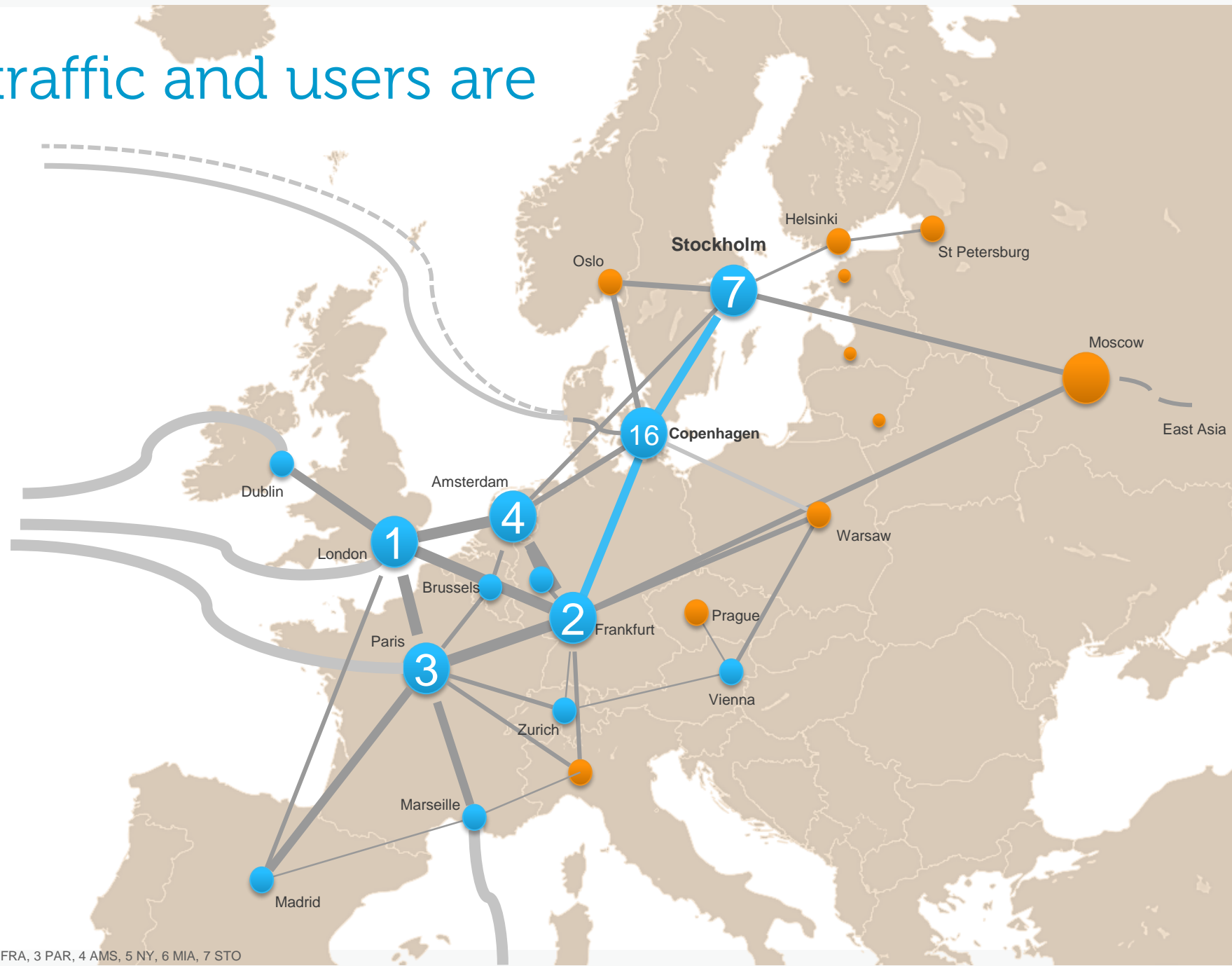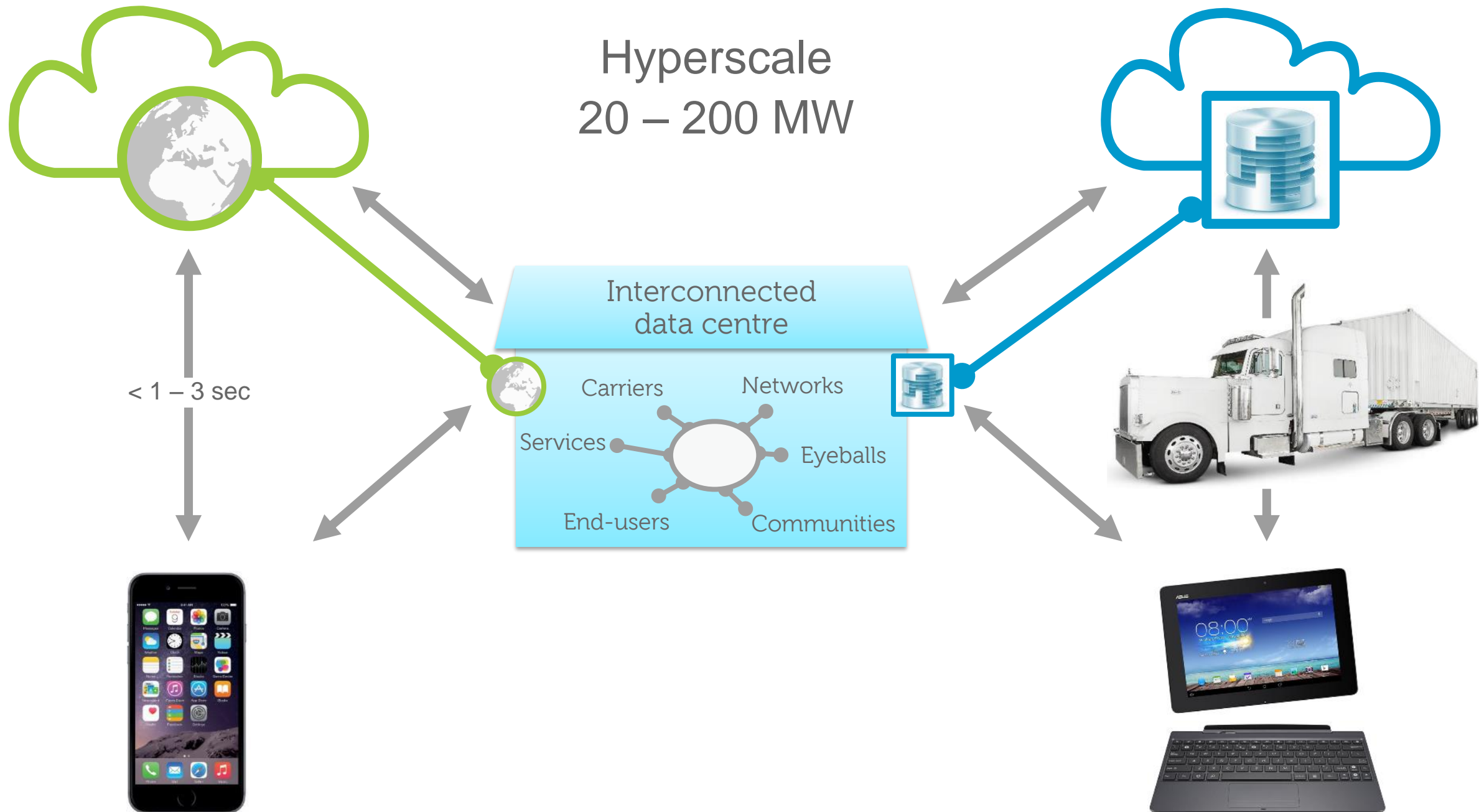
Reliable and Green

More than the data centre(s)

IT Opportunities

- Application design
- Server Management

Airflow Management Strategies

- Hot Aisle/Cold Aisle Layout
- Containment/Enclosures

HVAC Adjustments

- Server Inlet Temperature and Humidity Adjustments
- Air- and/or Water-side Economizers

In a co-located data centre the most demanding customers sets the standard

Based on "Top Twelve Data Center Efficiency Strategies" by Energy Star

Sustainable data centres not only about PUE

- Where does the power come from?

- Can excess heat be re-used?

- How sustainable is the IT-environment?

- Scale, adapt and combine your data centre capacity as needed

  - More difficult than ever to predict future IT-capacity requirements

CO2 per kWh (2011)

Source: European Environment Agency, ECOFYS 2014
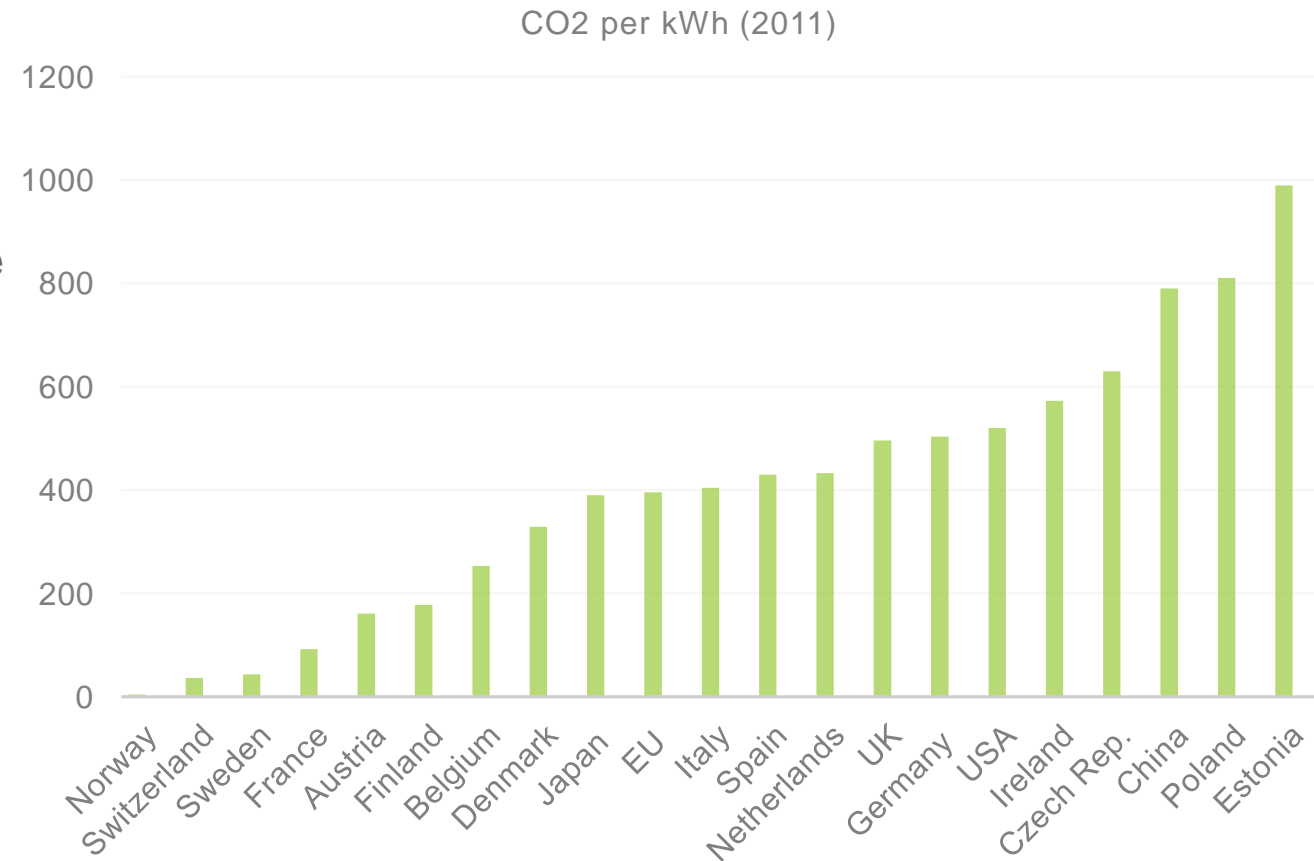
Interxion Stockholm – our data centre campus

- Campus with extreme and sustainable growth capacity
  - Extensive re-use of excess heat
- Energy efficient and sustainable cooling
- Access to cost-efficient, green and reliable power

- Connectivity access and options on site
  - Carriers, traffic, peering, content, eyeballs, IX presence
- Right location
  - Geography, GDP, eye-balls, highly connected
- Hybrid IT realisation
  - Direct access to cloud platforms

Amsterdam ▪ Brussels ▪ Copenhagen ▪ Dublin ▪ Dusseldorf ▪ Frankfurt ▪ London ▪ Madrid ▪ Marseille ▪ Paris ▪ Stockholm ▪ Vienna ▪ Zurich

THANK YOU

www.interxion.com