

Polar Connect

Vision 2030

 POLAR-CONNECT
 Far North Fiber



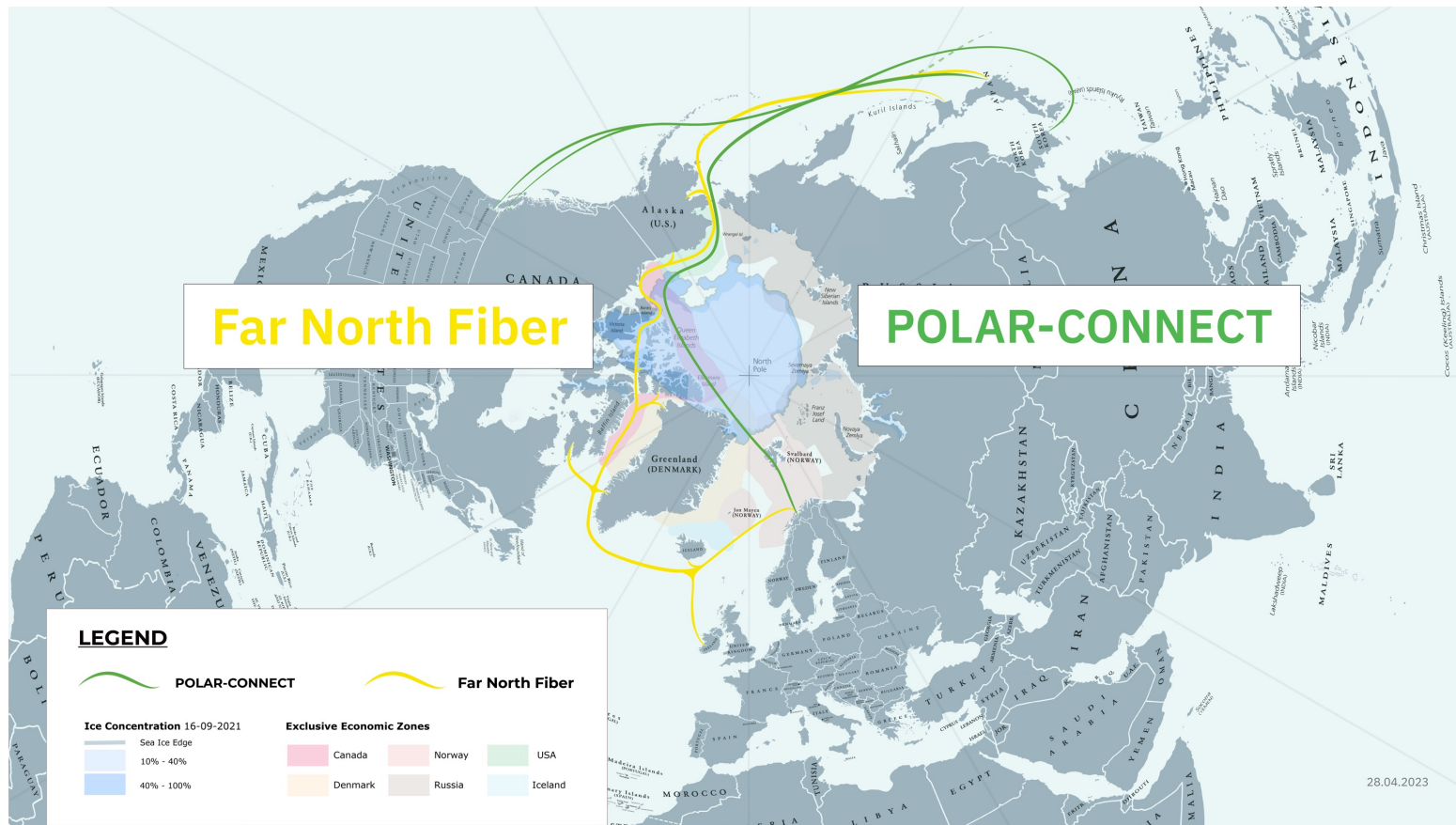
NPF the next step of Polar Connect

*Nordic NREN
“Vision 2030”*



**Co-funded by
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Geopolitical “why”



- Complementary to existing Suez Area connections
- Northern European fast track to Asia
- Strengthens and supports EU digital sovereignty
- Part of EU Global Data Gateways concept
- Geopolitical considerations



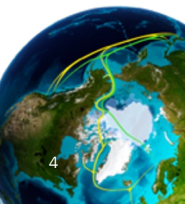


High relevance – Margrethe Vestager at G7

"If we can envision a subsea cable that can connect Europe with Japan and the West Coast of Canada and US. We could drastically reduce latency(...) The business benefits are really obvious(...)"

Results of G7 Digital and Tech Ministers' Meeting in Takasaki, Gunma
https://g7digital-tech-2023.go.jp/en/topics/topics_20230430.html

Ministerial Declaration The G7 Digital and Tech Ministers
https://g7digital-tech-2023.go.jp/topics/pdf/pdf_20230430/ministerial_declaration_dtm.pdf

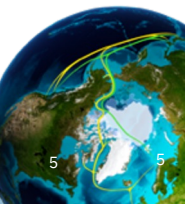




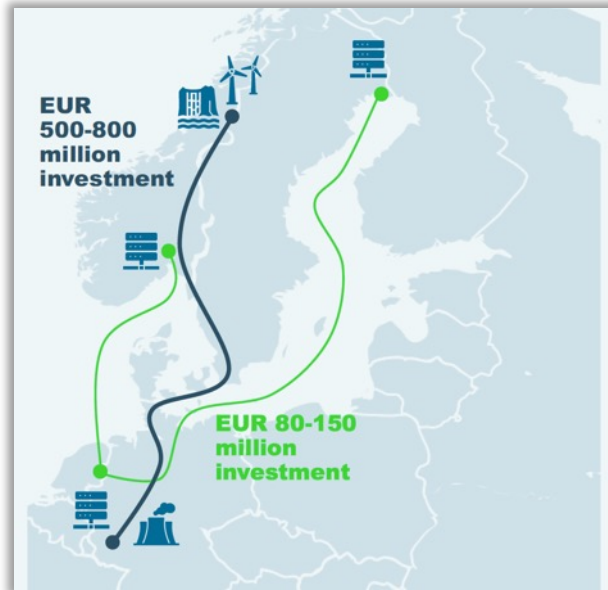
Drivers for submarine cable systems ***Connectivity***

Increasing digitalisation demands sufficient backbone connections, within and between EU member states, as well as with EU's strategic partner countries.

Multiple connections (cables) give redundancy and resilience.



Green datacenters in the far north



MORE EFFICIENT AND CHEAPER TO MOVE DATA THAN ENERGY

FREE COOLING AND REUSE OF EXCESSIVE HEAT

LOCAL EXCESS ENERGY - DUE TO LACK OF POWER INFRASTRUCTURE








Climate

- *Global warming*
 - *Sea level rise*
 - *Ocean heat, circulation*
- *SMARTcables Technologies*
 - *Repeater + sensors*
- *Protecting/monitoring the cables themselves*
- *Supporting arctic and climate research*



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Vision 2030

-  North Pole Fiber
-  POLAR-CONNECT
-  Far North Fiber



***Thank you for
your
attention!***

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For more information:

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