

Arctic Connect R&E

A vision for an R&E fiber pair on
the new **Arctic Connect Subsea Cable System**
using a ground-breaking and unique route
directly connecting
Europe, Asia and North America

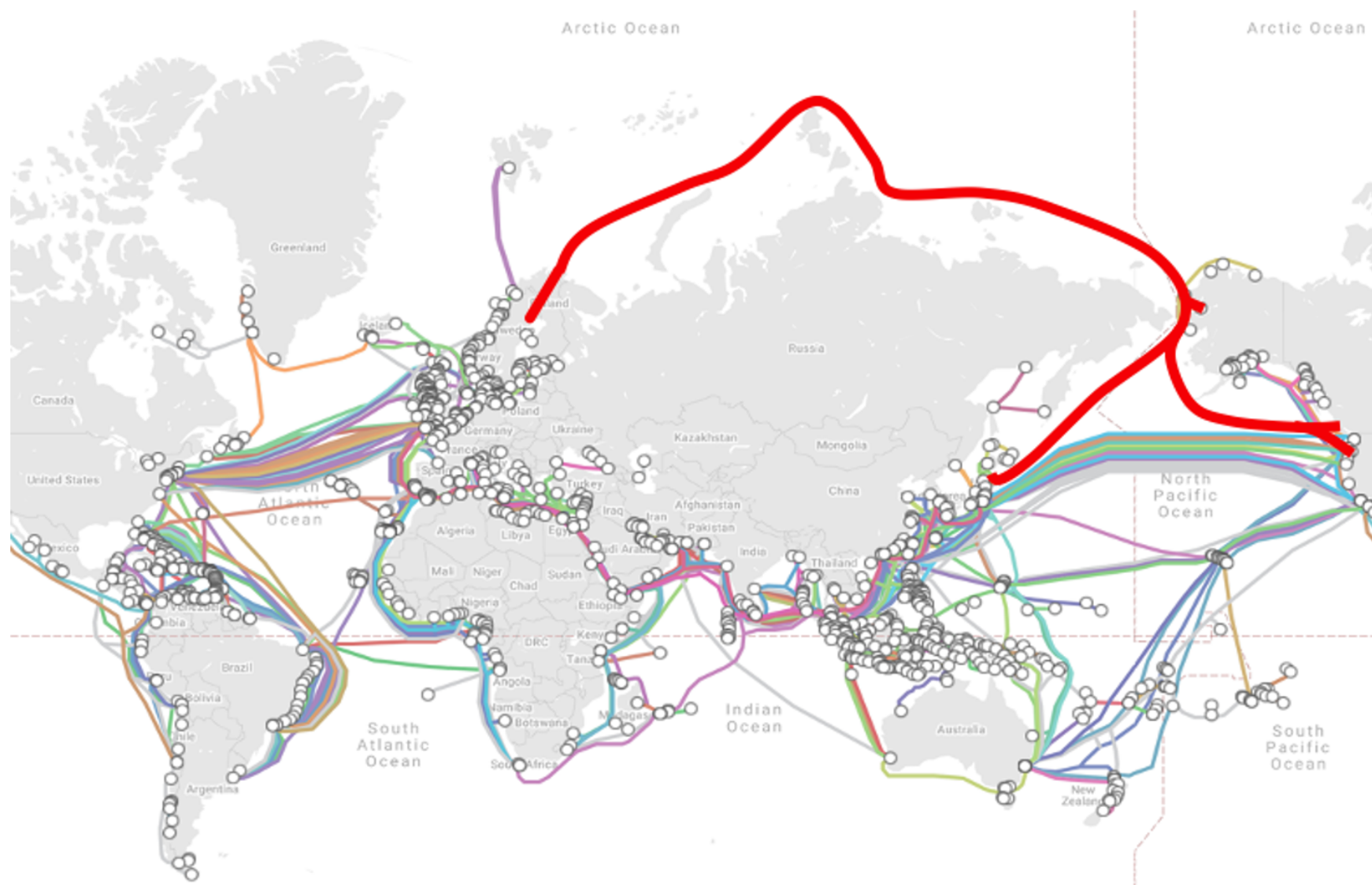
Erik-Jan Bos
Policy & Strategy Officer, NORDUnet

- Dedicated fiber pair for R&E
- On the **Arctic Connect Subsea Cable System**
- between Europe, Japan and North America
 - NORDUnet and the five Nordic NRENs
 - European NRENs and GÉANT
 - R&E Networks in Japan, Canada, and the USA
- A unique route, across the North East Passage in the Arctic Ocean
 - Adding resilience & increasing bandwidth
 - Lowering latencies & costs

- Lead partner is Cinia Oy from Finland
 - Cinia Alliance: 16 partners
 - Also working on “Polar Connect”, backhaul in Europe
- Project time line:
 - Marine survey:
 - Phase 1 in 2020 (completed)
 - Phase 2 in 2021
 - Start of service: 2023 / 2024

NORDU**net** Arctic Connect Subsea Cable System (planned)

Nordic Gateway for Research & Education



Arctic Connect Subsea Cable System on [TeleGeography's Submarine Cable Map](#)

NORDUnet Arctic Connect Subsea Cable System (planned)

Nordic Gateway for Research & Education



Arctic Connect Subsea Cable System on AuthaGraph

Image kindly provided by Prof. Hajime Narukawa (Keio University), more information at: <http://www.authagraph.com/top/?lang=en>

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