



Sustainable Digital Transformation in Africa

Peder Naerboe

Bulk Infrastructure AS

Founder and Executive Chairman

28 September 2021

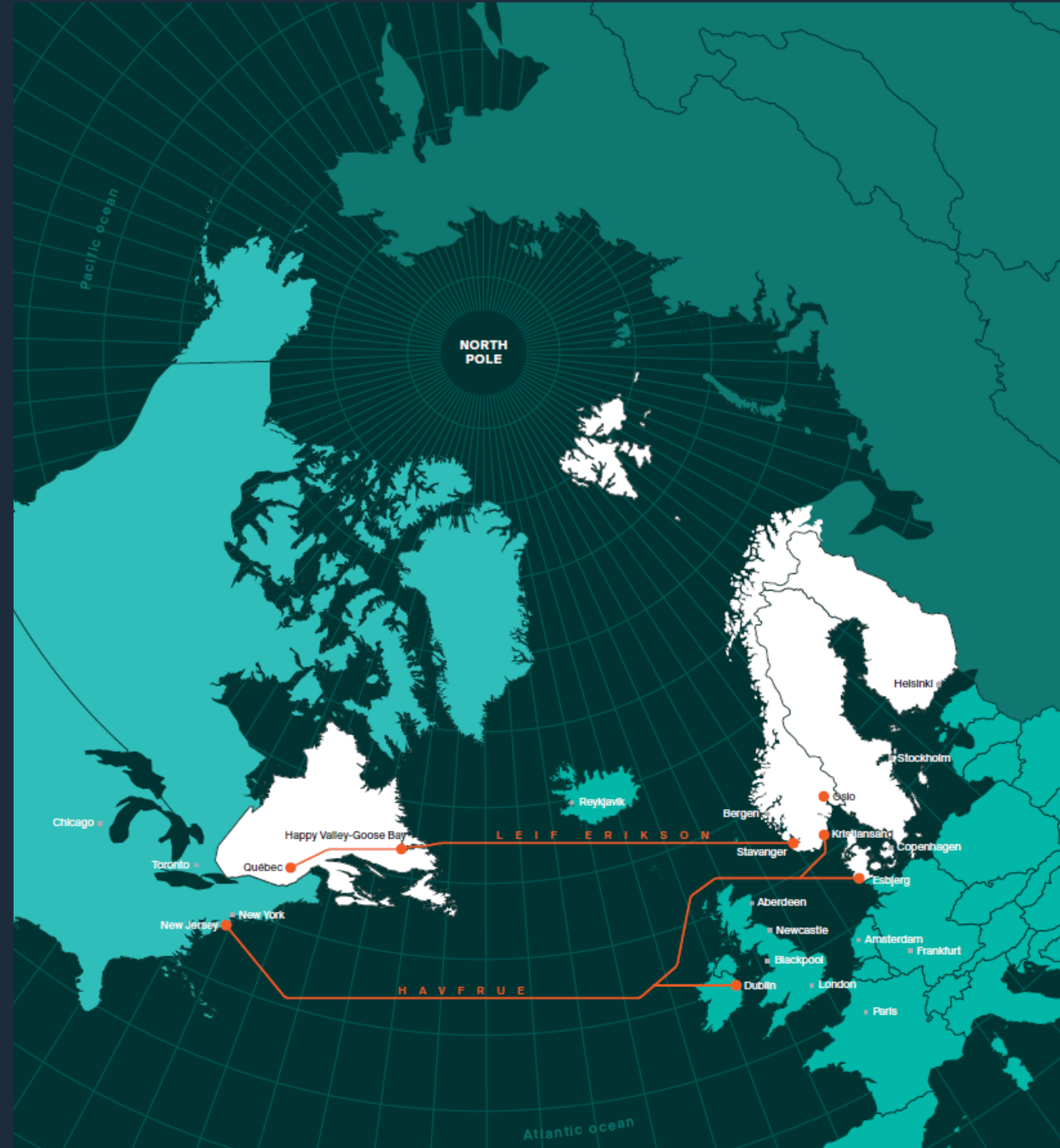
CLASSIFICATION: PUBLIC

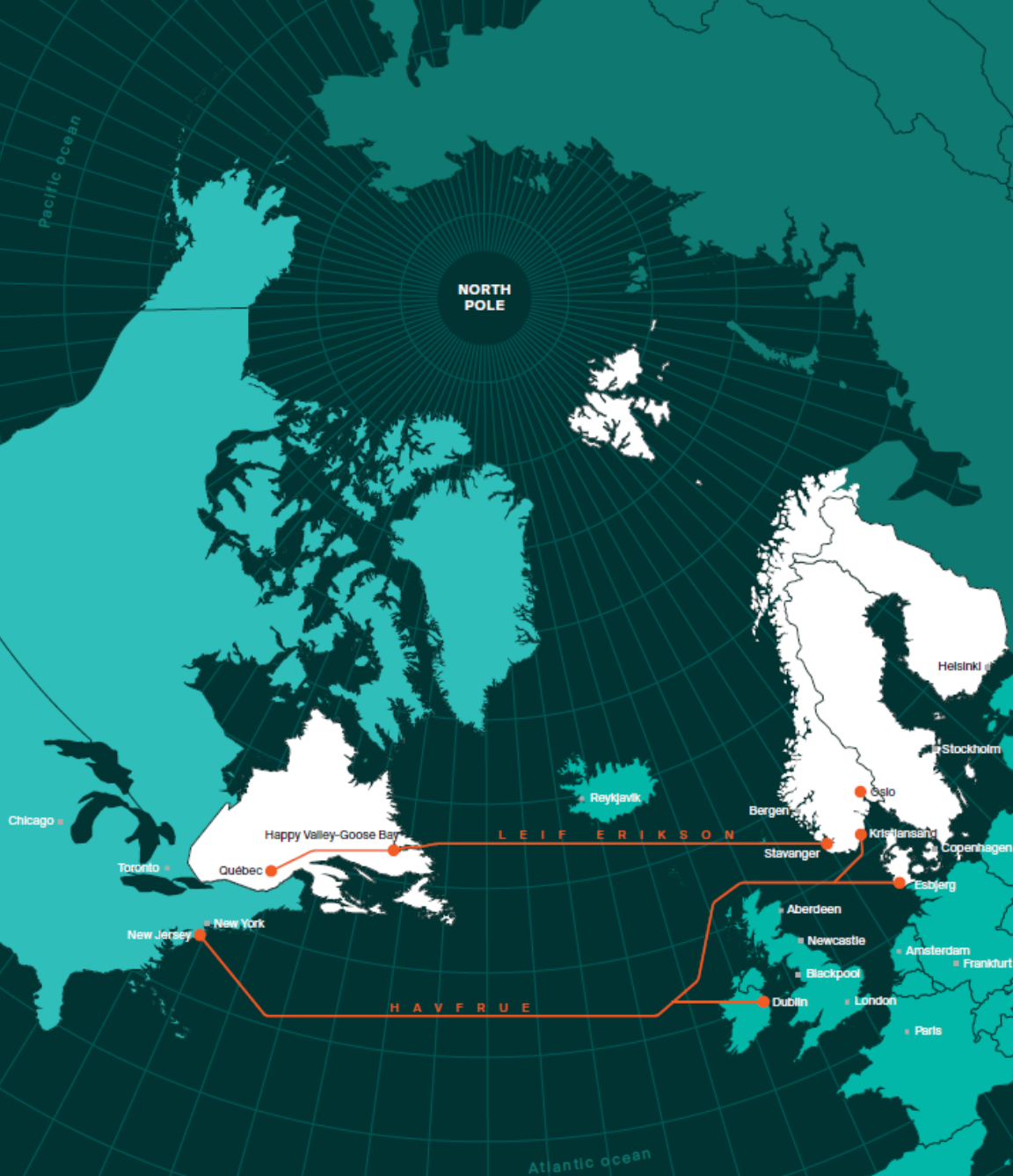




How can surplus renewable energy in the cold North enable a Sustainable Digital transformation in Africa?

PUBLIC





Unlocking the renewable giants

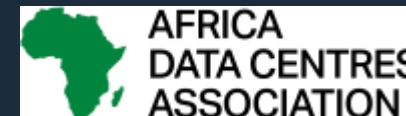
Moving Giga Bytes instead of Giga Watts, leveraging the advantages of the North

- › Cold climate
- › Abundant renewable energy
- › Robust core infrastructure (grid)
- › Short distances between continents
- › Stable frame conditions
- › International connectivity
- › Havfrue trans-Atlantic system between USA and Nordics
- › Leif Erikson first trans-Atlantic system between Canada and Nordics (RFS 2024)

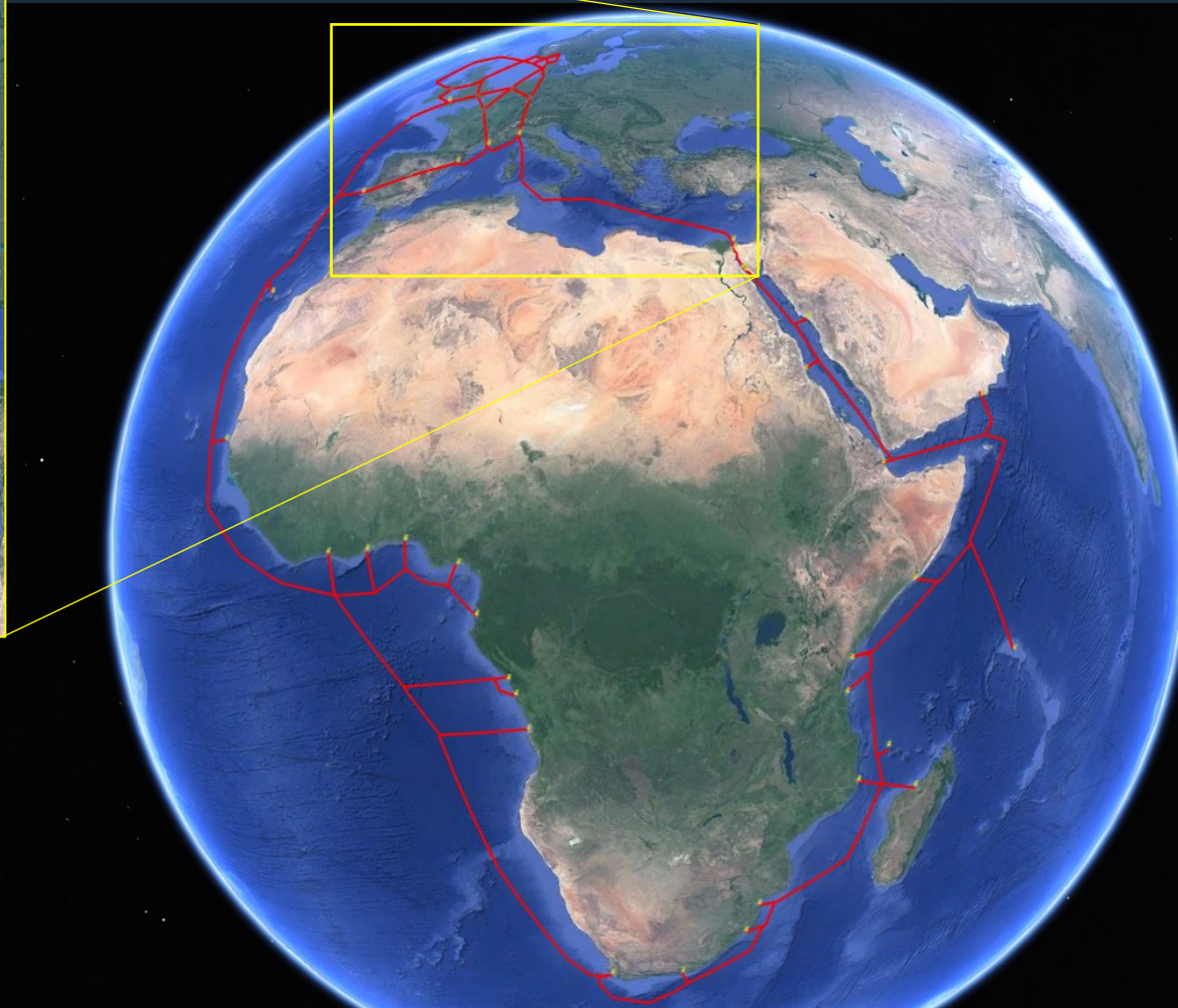
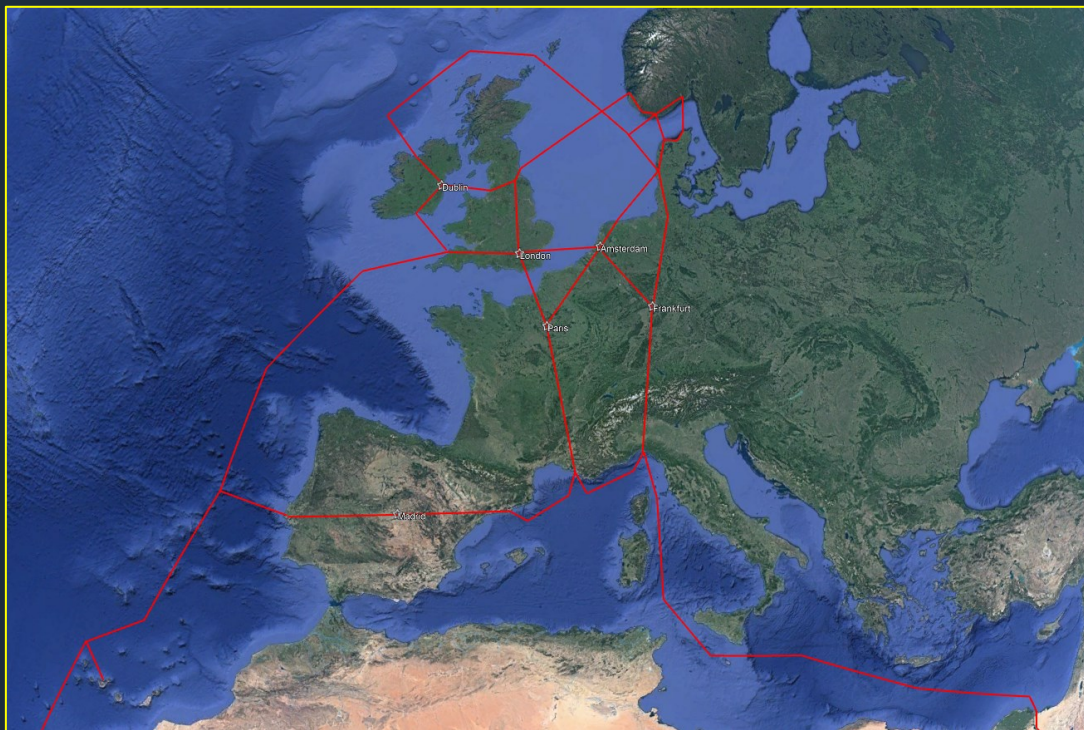
Bulk's vision: Racing to bring sustainable infrastructure to a global audience

“Report : Africa needs 1000MW & 700 data center facilities to meet demand”

Feb 2021 - African Data Centres Association (ADCA) and Xalam Analytics



New resilient networks brings us closer



Equiano and 2Africa subsea fiber systems

Possibility for Onshore/Offshore solutions with African Nations Park at N01 Campus in south Norway

Surplus of 10 TWh
of renewable
energy available

<https://youtu.be/0VSpfwn9utU>





Onshore:

Energy resources in Africa can be focused for Onshore data processing, connectivity solutions and general public needs

Offshore:

An «African Nations Park» located at scalable surplus of renewable energy can bring speed and relief to critical infrastructure in Africa and be the African Digital Engine Room

Africa can become a leading example in energy efficiency by optimising *Onshore/Offshore* data processing to leapfrog into its Sustainable Digital transformation in Africa





Thank you!

Peder Naerboe

bulkinfrastructure.com

