

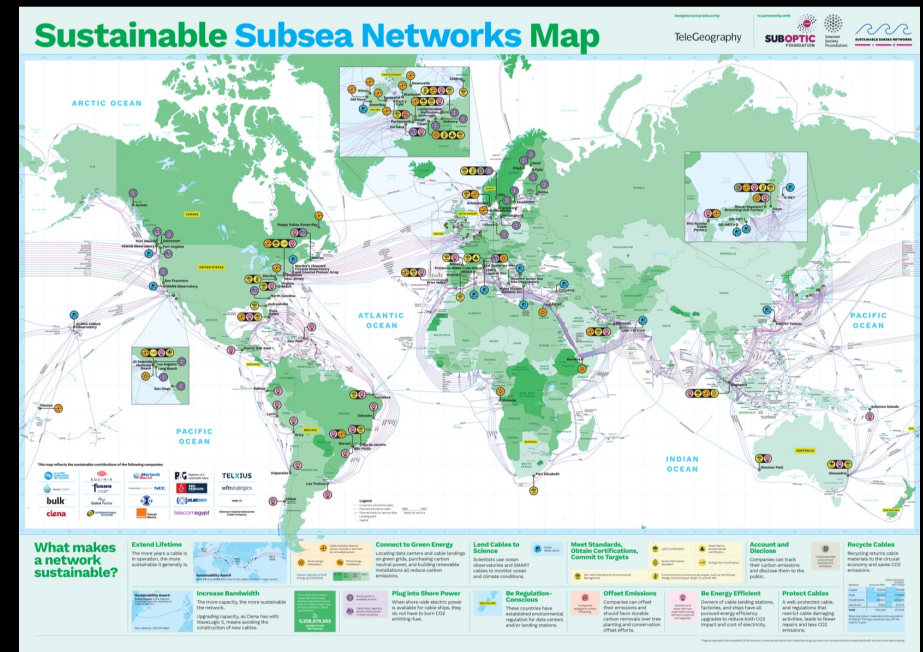
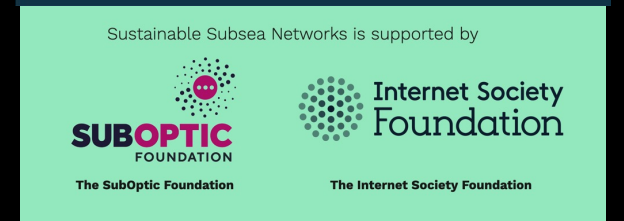
Making Infrastructural Waves: Subsea Cables and the Socio-Environmental Ramifications of Invisible Digital Growth

Hunter Vaughan
Emerson College

IETF 123: SUSTAIN RG
24 July, 2025 - Madrid/Online

Sustainable Subsea Networks

- Boundary Spanners
- Best Practices and Policy Potential
 - Environmental Sustainability
 - Social Sustainability





TeleGeography Global Map, 2023

Local/Global Frameworks



Automation Bias

“There has been a distinct warming up to human-less, contactless technology... Humans are biohazards, machines are not.”

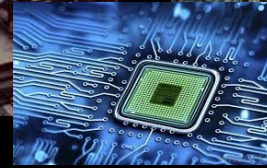
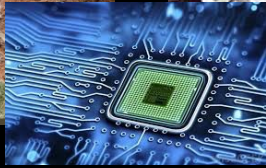
-Anuja Sonalker, CEO Steer Tech
(2020, cited in *The Intercept*)

Digitisation

the transfer or transformation
of analog materials and representations
into digital and virtual formats

Digitalisation

the conversion of an entire work model
to increasing dependency on
digital technologies, tools, and systems



Earth, 2009-2025

