

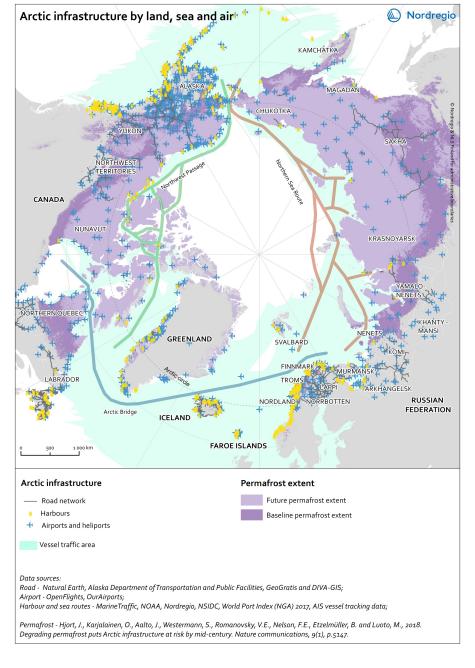


InfraNorth Future Scenarios for Arctic Communities

Olga Povoroznyuk, cand. nauk, Ph.D.

APRI 10th Anniversary Annual Meeting, Vienna

November 9, 2023



Building Arctic Futures: Transport Infrastructures and Sustainable Northern Communities (InfraNorth) (January 2021 – December 2025)





Peter Schweitzer, Prof. Project PI, UV



Alexandra Meyer PhD researcher, UV



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Katrin Schmid PhD researcher, UV



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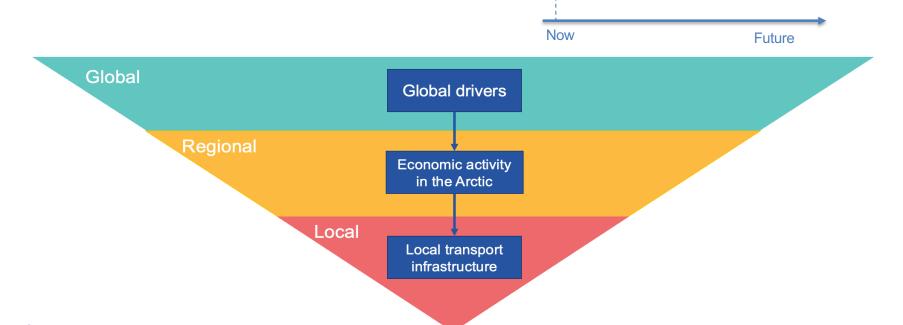
Nikita Strelkovskii, Research scholar, IIASA

Where We Work



Scenarios and Scenario Building

- Scenario building is a method of creating scenarios to explore different plausible futures
- A scenario is a thought-provoking narrative about a plausible future of a studied system, such as a community
- Multiscale morphological analysis of current trends
- Temporal perspective: one generation



InfraNorth Scenario Process

- Regular team meetings
- Community consultations
- How can Arctic communities develop by 2050?
- Factors: geopolitics, climate change, economic actitivities, transport infrastructure, population dynamics
- Scenario narratives and illustrations



Planning a workshop in Kirkenes at the Barents Institute.
P. Schweitzer

Churchil, Canada, Aug 16-17, 2023

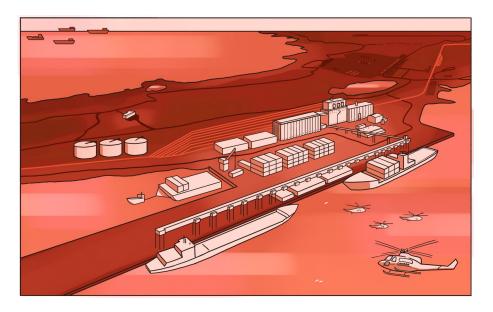


Sign at the entrace to the town



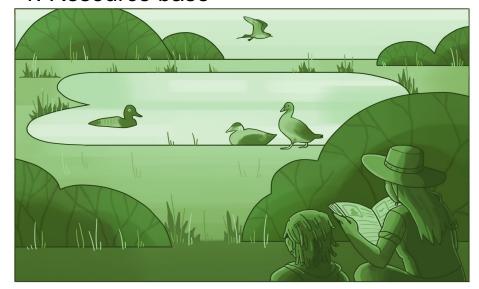
The Churchill sea port and grain elevators

Scenarios



Illustrations by Nickia Mylvor

1. Resource base



3. Sanctuary



2. Growing hub



4. Abandoned land

Sessions





Assessing scenario at the public workshop

Co-creating futures at experts' workshop. P. Schweitzer

Kirkenes, Norway, Sept 21, 2023





Russian ships in the port of Kirkenes

View of Kirkenes in winter

Scenarios



Illustrations by Anja Eline Danielsen

1. Industrial town



3. Innovative polar reserve



2. Global transportation hub



4. Military outpost

Sessions





Local hosts introducing the public workshop

Assessing scenarios at the experts' workshop. P. Schweitzer

Conclusions and Plans

- Local scenario workshops as part of CBR
- From strong local engagement to co-creation
- Data: questionnaires, "creative assignments", recordings
- Processing and analysing data and co-writing
- Academic articles and applied products

Local Partners













Contacts

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Thank you!