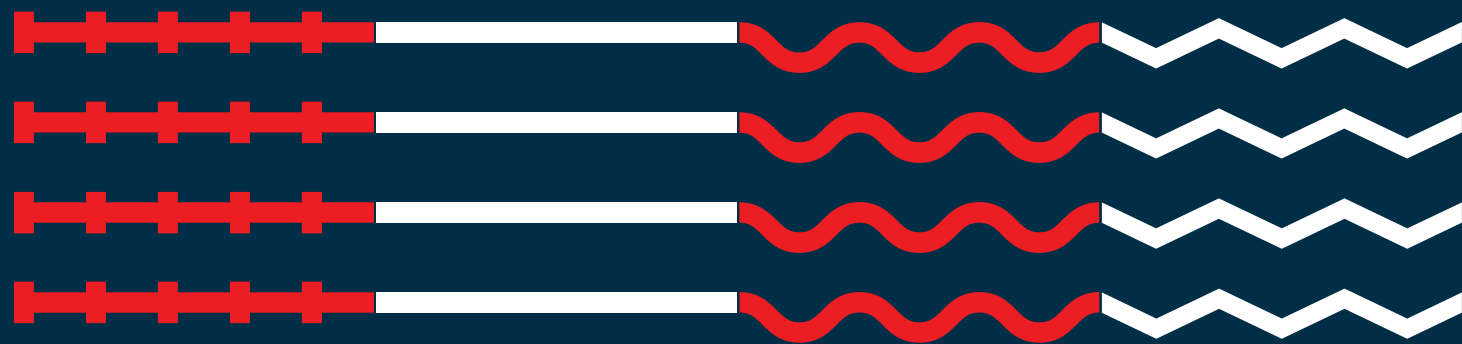




NARVIK HAVN

Port of Narvik

Future Mine & Mineral Conference 2021



Rail | Road | Sea | Air



Film



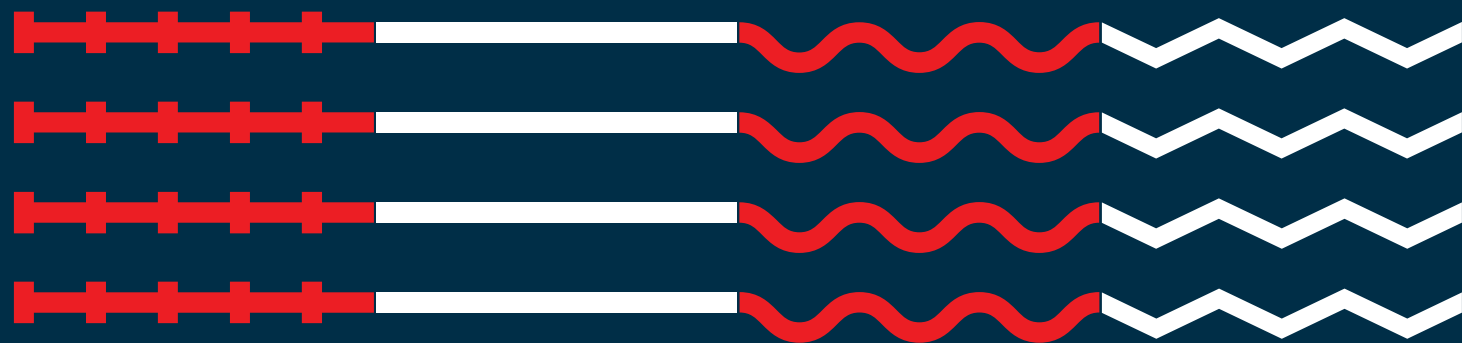


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Port of Narvik – The Arctic HUB

Grethe Parker
Sales & Marketing Manager
Port of Narvik



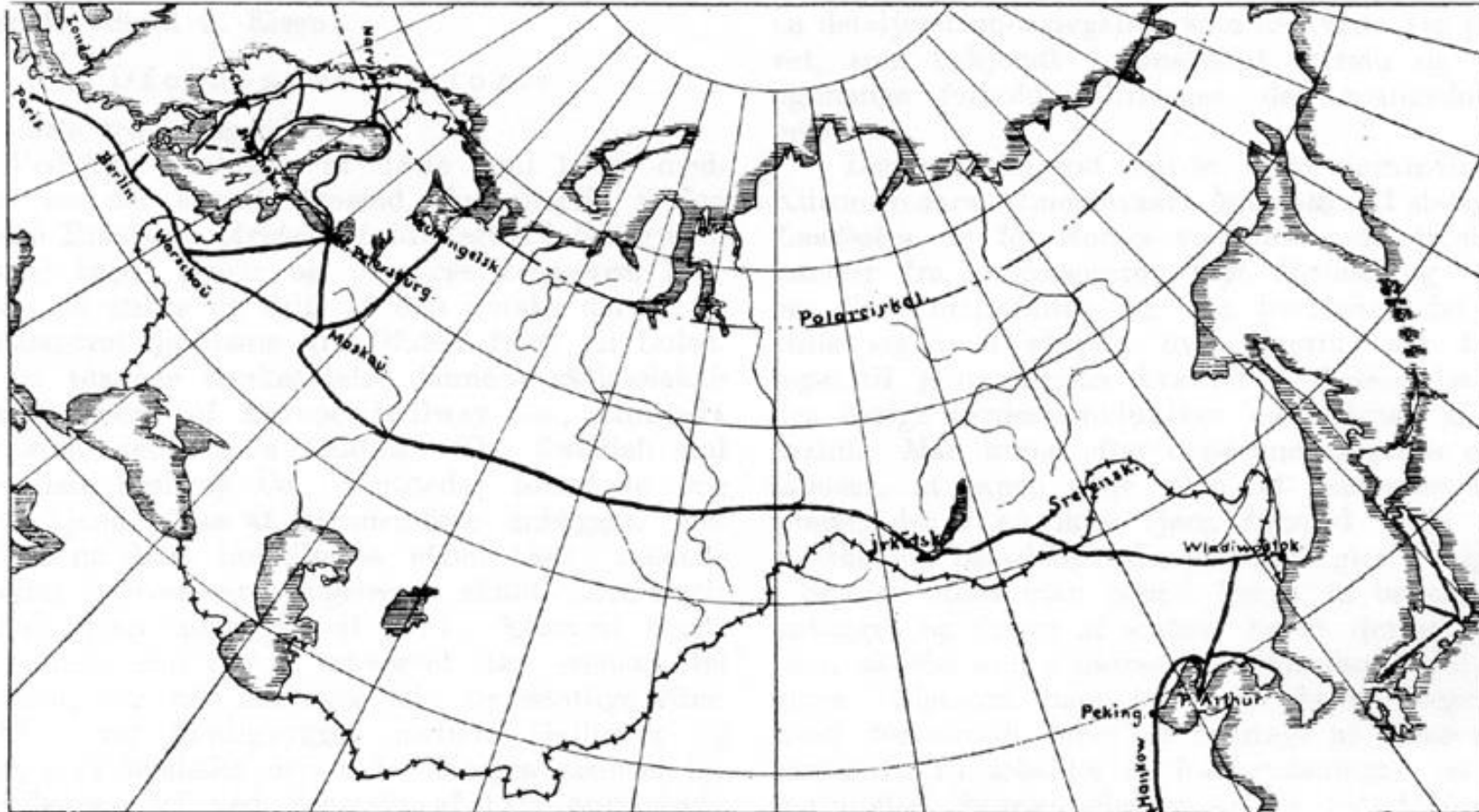
Rail | Road | Sea | Air

The humble beginning

- First Iron-ore shipment from Narvik in January 1903.
- The mining industry has been the backbone for Narvik's existence.
- From day one the Port of Narvik has been an intermodal port connecting rail and sea transport.



History



On March 6th 1903 the Managing Director of the Norwegian State Railway stated:
"...the railway's wide reach should give our northern region a push with respect to the importance of mercantile and industrial expansion..."

Today

- The Port of Narvik is developing and expanding and has been for 120 years.
- As a port we have always been more international than national mainly due to the export of iron-ore from Sweden.
- The importance of the mining industry in the Nordkalotten region is vital for the future development of the Port of Narvik.



Port of Narvik - The gateway to the Atlantic



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The Future of Transport & Infrastructure

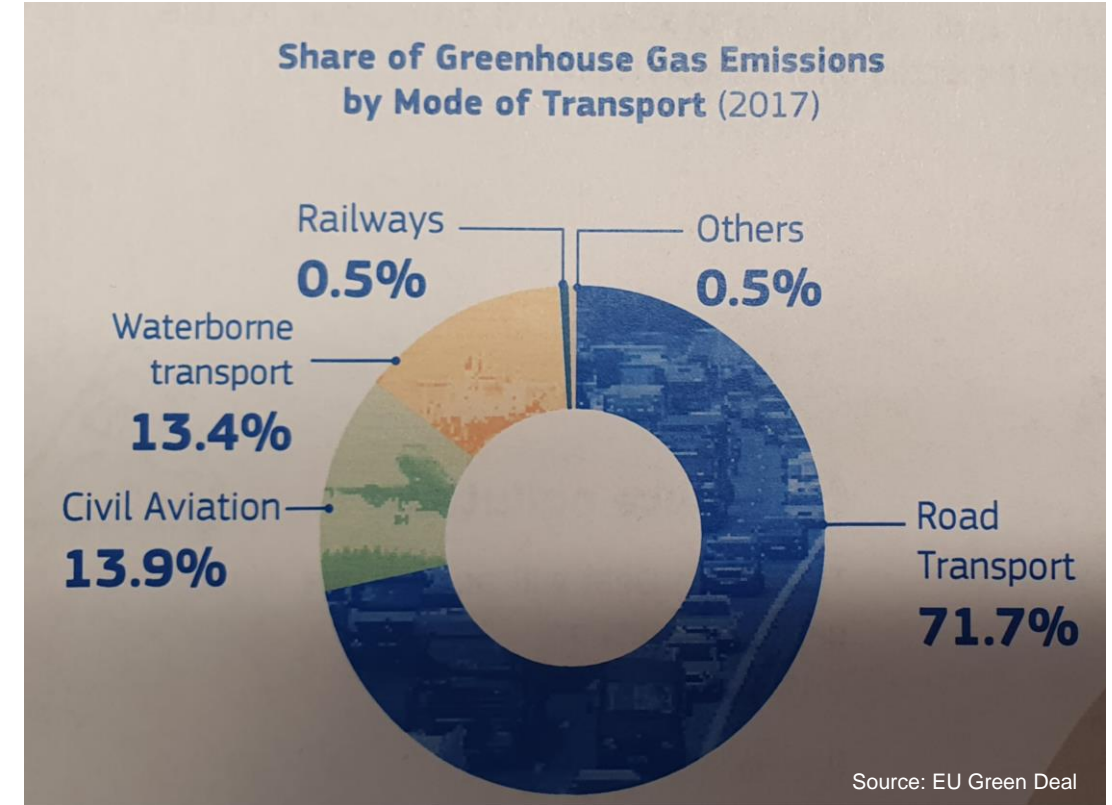
Sustainability will be a defining factor for future transport & infrastructure solutions.

- UN Sustainable Development Goals
- The European Green Deal's sustainable mobility platform that states:
 - The Green Deal seeks a **90%** reduction in greenhouse gas emissions by **2050**.



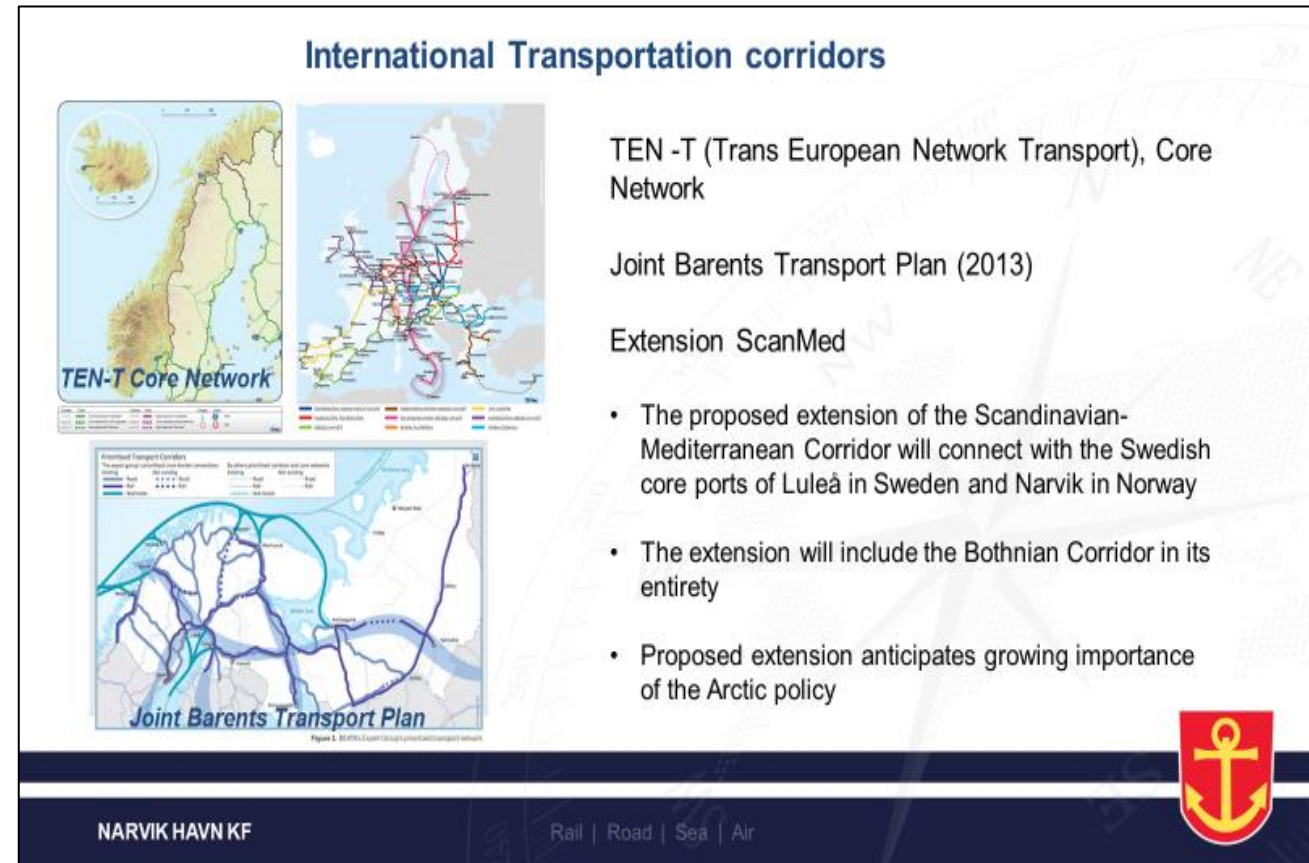
Moving forward – how to reduce emission

- Innovation
- Adaptation to increased role of data & new technology
- New fuel sources such as LNG, Hydrogen, Ammoniac, Bio-fuels, Battery
- Smart HUB projects (energy hubs, shore power)
- Autonomous vessels
- More seamless logistics will help prevent emission
- More goods to move from road to sea and rail



Green Transport Corridors

- International transport connections.
- As one of only 2 ports in Norway Narvik is part of the TEN-T core network and the ScanMed corridor.
- Industries need “green” access to international markets.
- Increased globalisation demands innovation and good logistic solutions.



118 years later...

Eurasian Transport Link – A milestone for the Arctic Region

Eastbound

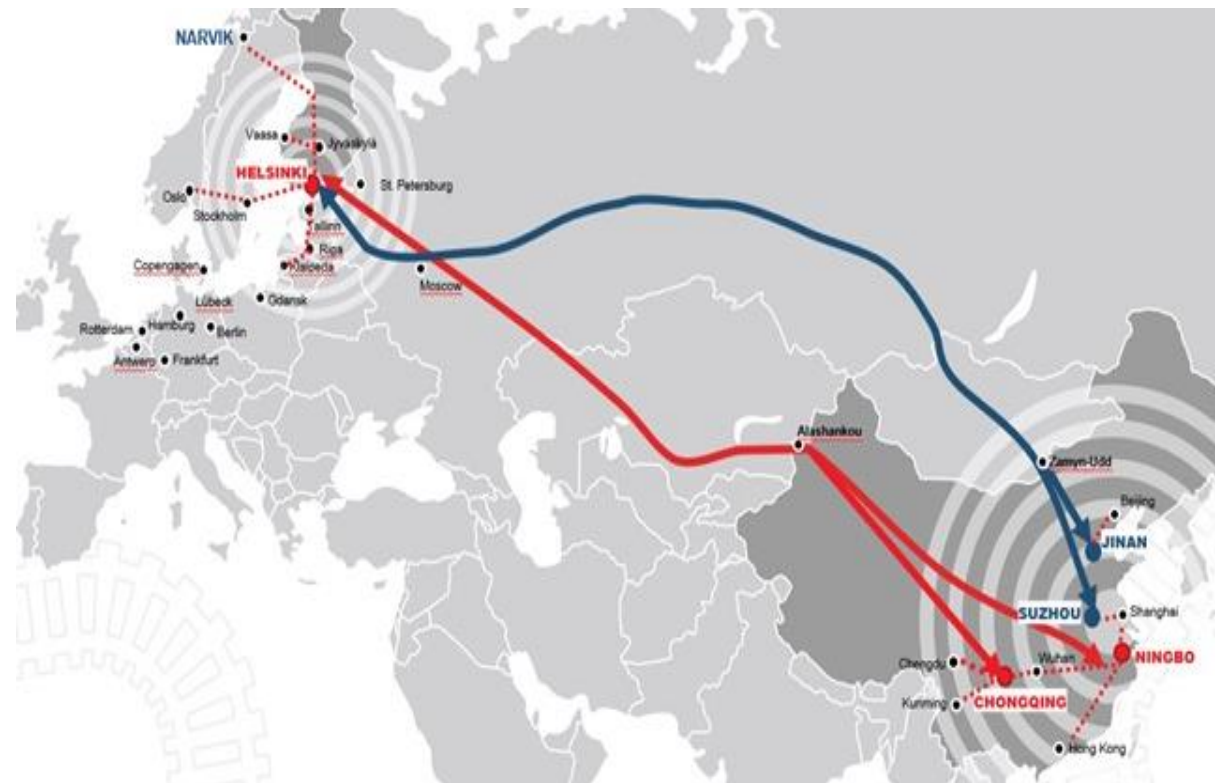
Narvik – Helsinki - Kina* 15-17dager

Westbound

Kina* - Narvik 15-17dager

*Chongqing, Suzhou, Ningbo, Jinan

Green transport corridor between Arctic Europe and Asia (with a carbon footprint 97% lower than air freight)



So what is the future of infrastructure in Arctic Europe?

If we are to succeed in fulfilling the requirements expected in accordance with the Paris accord and at the same time develop and grow the Arctic Region's industries - across borders - we need to increase capacity on the Ofoten railway/ Malmbanan and utilise the sustainable transport corridors that are already there.



Ofoten Railway – Norway's
«Suez Canal».

The Swedish Iron-ore company LKAB has over the last 115 years utilised this unique stretch of railway to transport iron-ore from the mines in Kiruna, Sweden, to the Port of Narvik.

In later years import of consumer goods and export of fish using container transport on trains have grown significantly.



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Port of Narvik

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Thank you for the attention 😊

Narvik Havn er et KF i Narvik Kommune



**NARVIK
KOMMUNE**