



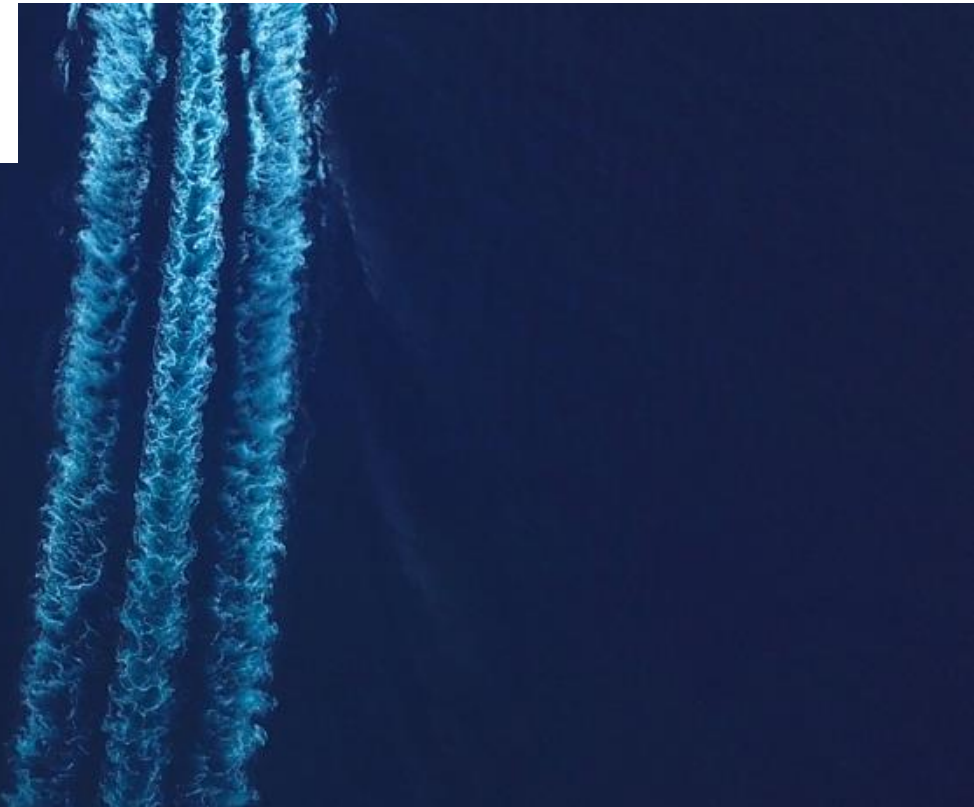
WHEN TRUST MATTERS



**Nordic Council
of Ministers**

Nordic collaboration platform & green shipping corridor pilot studies

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Task Leader – Piloting and Collaboration Platform



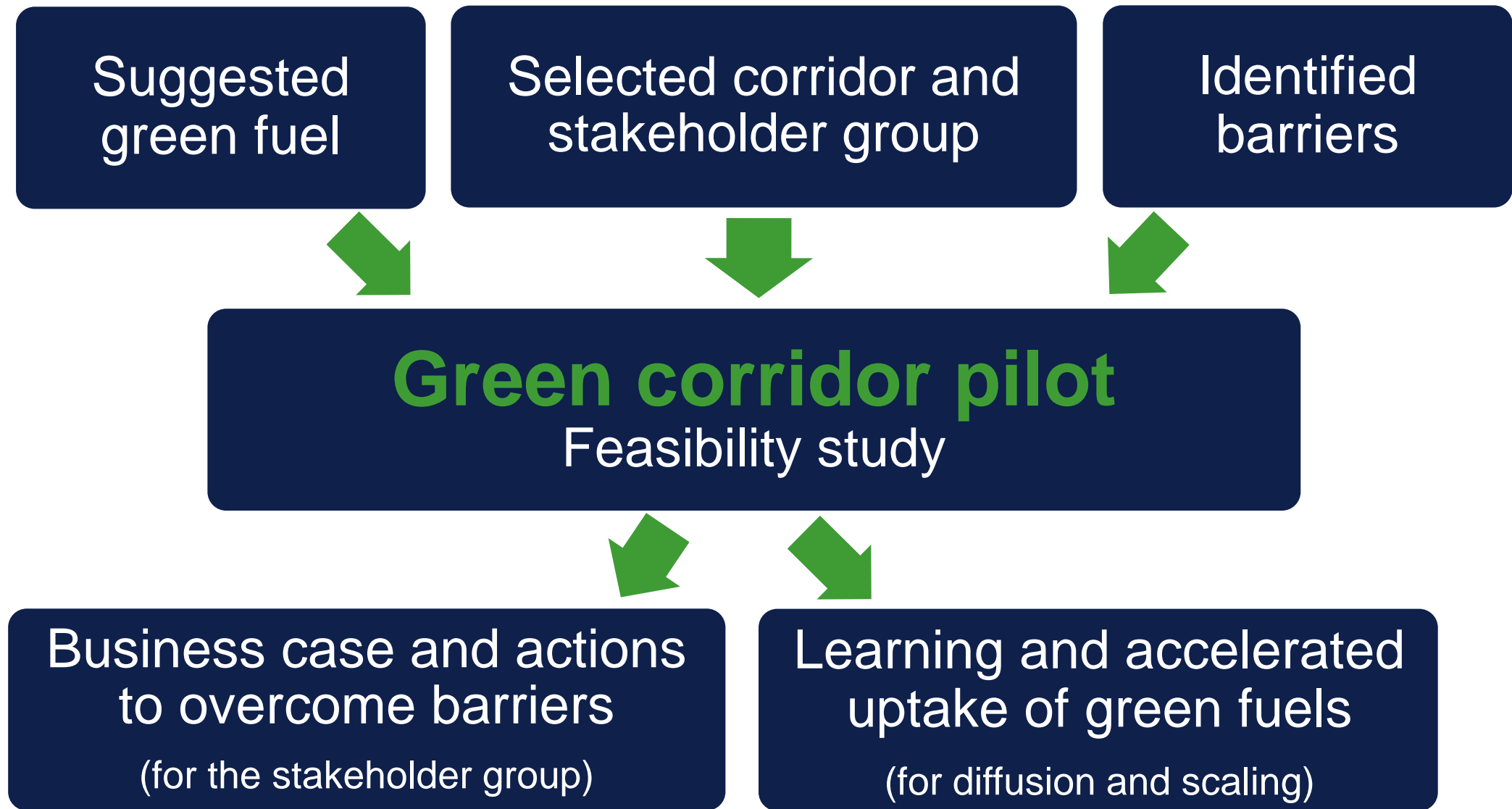
Focus for the rest of the Nordic roadmap project



Green shipping corridor pilot studies

- Ongoing work to establish **3 pilot studies** (techno-economic feasibility studies)
 - Public-private **collaboration** with **high visibility**
 - Network of **contributing partners**
 - **Pilot owner** – decides the scope of the pilot study
 - **Pilot facilitator** financed through Nordic roadmap
- **Expected outcome of each pilot study:**
 - Established partnership
 - Assessed specific corridor and relevant fuels
 - Identifying critical bottlenecks
 - Preparing the ground for a real-life corridor





Suggested green fuel

Selected corridor and stakeholder group

Identified barriers

Green corridor pilot
Feasibility study

Business case and actions to overcome barriers
(for the stakeholder group)

Learning and accelerated uptake of green fuels
(for diffusion and scaling)

Selection criteria for pilot studies

Motivation

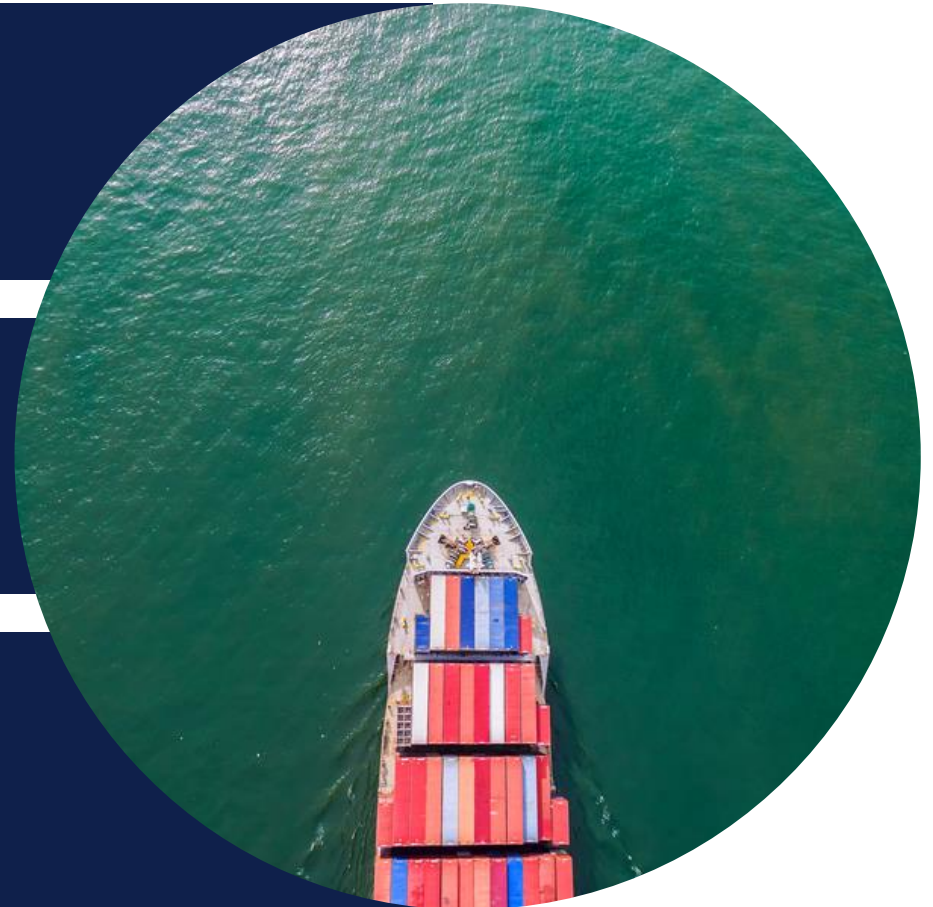
Pilot owner and participants

Maturity

Technical and business model

Distribution

Geographically and among fuel types



Nordic collaboration platform: 50+ partners

Contributing partners:



Supporting partners:



DANISH TECHNOLOGICAL INSTITUTE



Suomen Varustamot Rederierna i Finland Finnish Shipowners' Association



Finnish Transport Infrastructure Agency



Kvarken Ports



KYSTVERKET NORWEGIAN COASTAL ADMINISTRATION



Norwegian Hydrogen



NTNU



PORT OF OSLO



Port of Ystad



Norges Rederiforbund Norwegian Shipowners' Association



SAMORKA Icelandic Energy and Utilities



Sjøfartsdirektoratet Norwegian Maritime Authority



Transportministeriet



Umeå Hamn



Umeå kommunföretag



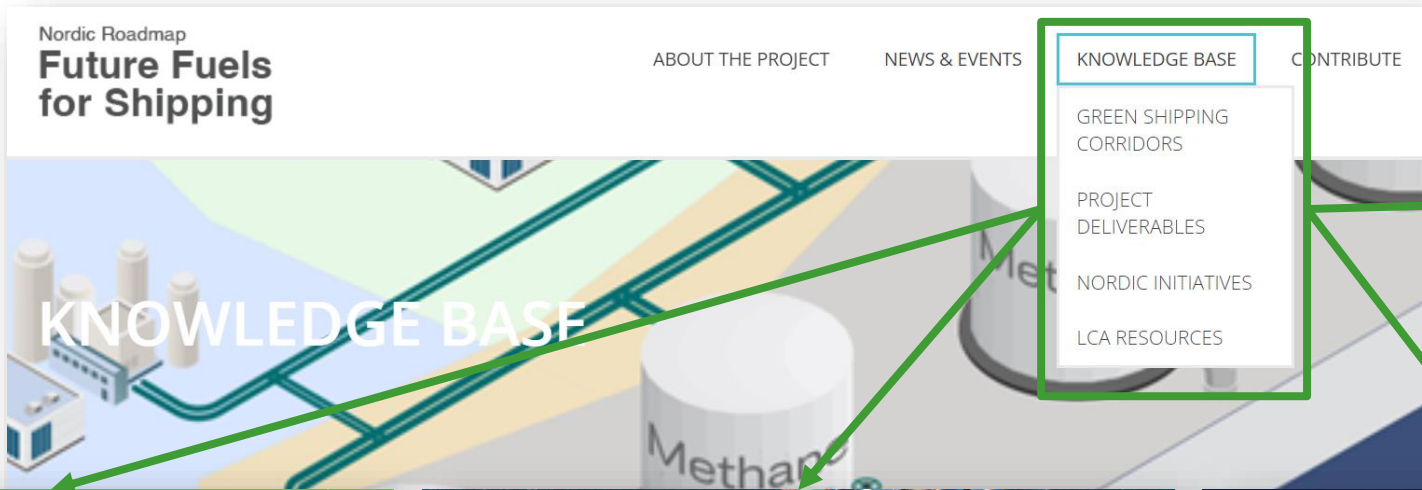
UZMAR



For more information, visit the project website: <https://futurefuelsnordic.com/>



Project website – Knowledge base



NORDIC INITIATIVES

This site lists important Nordic Initiatives related to the introduction of future fuels.

Project title	Contributors	Location
Alternative marine fuels: Prospects based on multi-criteria decision analysis involving Swedish stakeholders	Chalmers University of Technology, IVL Swedish Environmental Research Institute	Sweden
MarF-Fuel: Electrofuels for long range maritime transport	DTU	International

GREEN SHIPPING CORRIDORS

This page lists relevant and up to date literature, announcements, and projects on Green Shipping Corridors.

Literature:

- The UK Government (2021), Policy paper – COP 26: Clydebank Declaration for green shipping corridors, <https://www.gov.uk/government/publications/cop-26-clydebank-declaration-for-green-shipping-corridors>
- DNV (2022), Insight on Green Shipping Corridors – from policy ambitions to realization, <https://futurefuelsnordic.com/insight-on-green-shipping-corridors/>
- Global Maritime Forum and McKinsey & Company (2022), Green Corridors: Definitions and Approaches. A Discussion paper from the Global Maritime Forum, https://www.globalmaritimeforum.org/content/2022/08/Discussion-paper_Green-Corridors-Definitions-and-Approaches.pdf

PROJECT DELIVERABLES

This site lists technical and strategic deliverables from the Nordic Roadmap project:

Task report	Date	Task leader
Insight into Zero-Carbon Fuels Safety and Regulations	Dec 2022	DNV
Insight on Green Shipping Corridors – from policy ambitions to realization	Nov 2022	DNV
AIS Analysis of Nordic Ship traffic	Oct 2022	DNV
Screening of Sustainable Zero-carbon Fuels	Oct 2022	Menon Economics

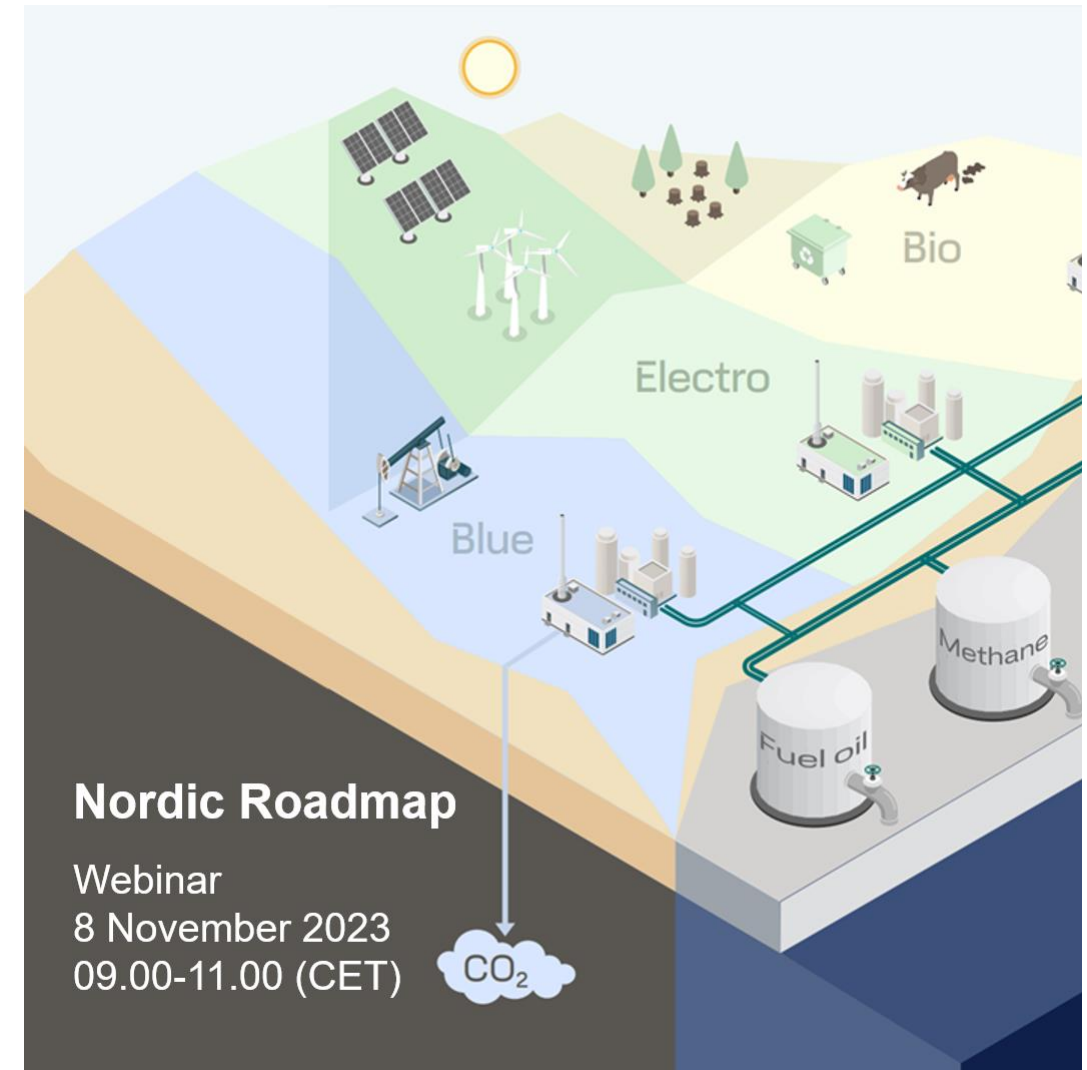
FUEL LIFE-CYCLE ASSESSMENT RESOURCES

This resource is meant to provide a literature reference library for GHG-emission and life-cycle assessments of future fuels. The table shows an overview of the reviewed LCA publications published in 2014-2022 including author names and included fuels. [The Life Cycle Assessment of Marine Fuels in the Nordic Region](#) provide the complete table where also the covered GHG emissions, the life cycle phases covered and other environmental impacts than climate change considered are included.

Report title	Author(s)	Fuels included
How can LNG-fuelled ships meet decarbonisation targets? An environmental and economic analysis	Balcombe, P., et al. (2021)	LNG, HFO, MDO, fossil methanol, fossil and renewable/green hydrogen and ammonia, biogas and biomethanol.
Fuels for short sea shipping: A comparative assessment with focus on environmental impact	Bengtsson et al. (2014)	HFO, MGO, biomass-to-liquid fuel, RME, LNG, LBG

Conferences & Events

- [Kick-off Conference](#) in Oslo, 15 November 2022
- [Conference in Helsinki](#), 3 May 2023
- [Workshop in Reykjavik](#), 3 October 2023
- [Webinar](#), 8 November 2023, 09.00-11.00 (CET)
- Workshop in Gothenburg, 11 April 2024
SAVE THE DATE!
- Conference in Denmark, autumn 2024



For more information contact:

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