Sustainable flow in port of Pori

Workshop on 25th of April 2025

ECOPORTS

Sustainable Flow – there are many kinds of it

Many things affect:

- Traffic emissions in ports
- Cargo handling practices
- Energy use management
- Investing in greener solutions
- Sustainable procurements
- Cooperation with operators
- Mind work

PORT
CLEVER MOVE
TURKU

Sustainable Flow – there are many kinds of it

15,3 m fairway to Tahkoluoto – bulk, lng port
12,0 m fairway to Mäyntyluoto

Hae väylän nimellä tai numerolla

Digitaalinen väyläkortti > Väyläkortit >
Porin Tahkoluodon väylä > **Väyläkortti**

Porin Tahkoluodon väylä

Väylän numero 2100 *Ei navigointikäyttöön*
Päivitetty 19.6.2024 - MW
Tiedot ladattu laitteelle 24.4.2025, 12.06

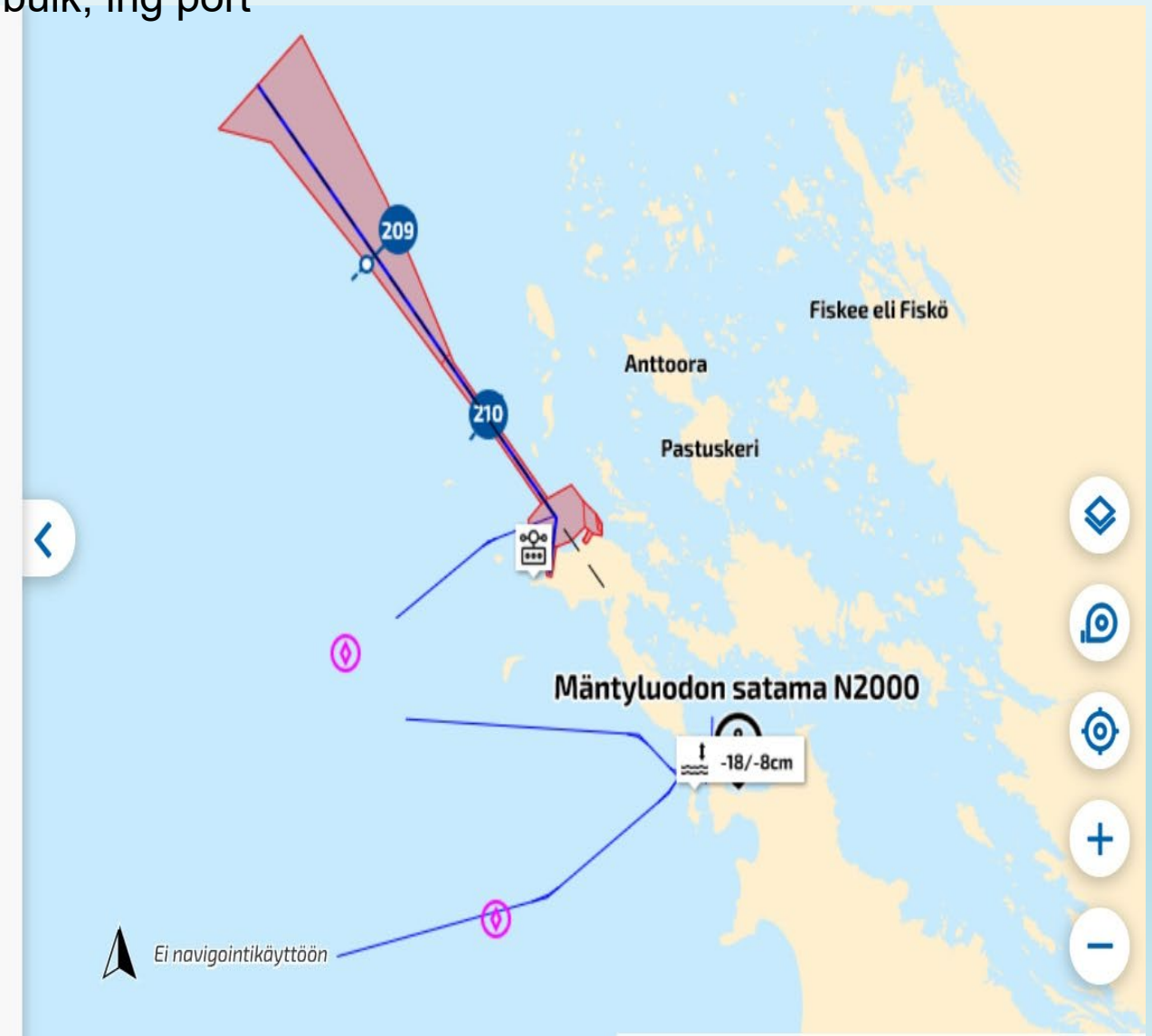
VÄYLÄKORTTI | VÄYLÄN SATAMAT | VÄYLÄN ALUEET
LUOTSAUSREITIT | SQUAT-LASKURI | SÄÄNNUSTEET

VÄYLÄTIEDOT

Linjaus ja merkintä:
Alkaa: Avomeri, Porin majakan pohjoispuoli
Päättyy: Tahkoluodon satama

Väylä valaistu. Kardinaalimerkintä.

Linjoja 2, ulompi merkitty linjatauluin.



15,3M Tahkoluoto

12,0M Mäntyluoto

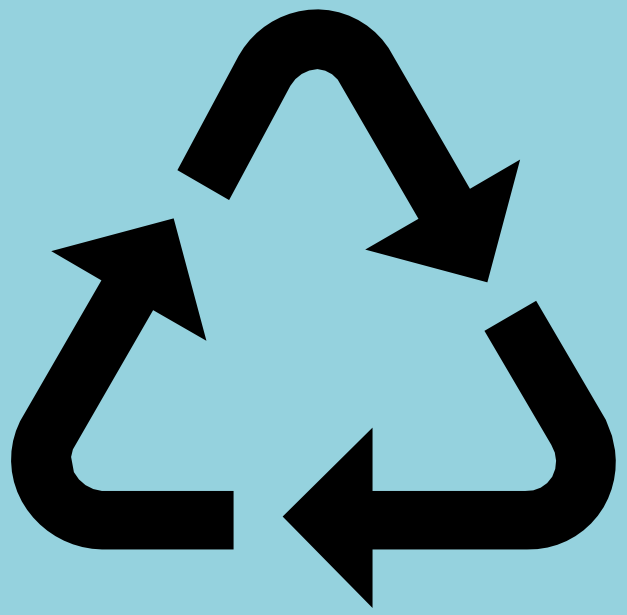
PORT
CLEVER MOVE
PORI

Energy use management

- For all the ports, it has been obvious to change lighting to more energy-efficient LEDs .

- With smart lighting control, it is possible to get the most out of savings.
- Heating modes can be changed in a limited scope at the same time with needed renovations. Control systems can also be improved in the same instalment. For instance, oil heating ➔district heating.
- Heat recovery and air-source heat pumps for buildings
- Attitudes

Waste material reuse



Case 1: Use of concrete waste from demolished structures in field structures

Case 2: Utilisation of surplus masses in protective structures

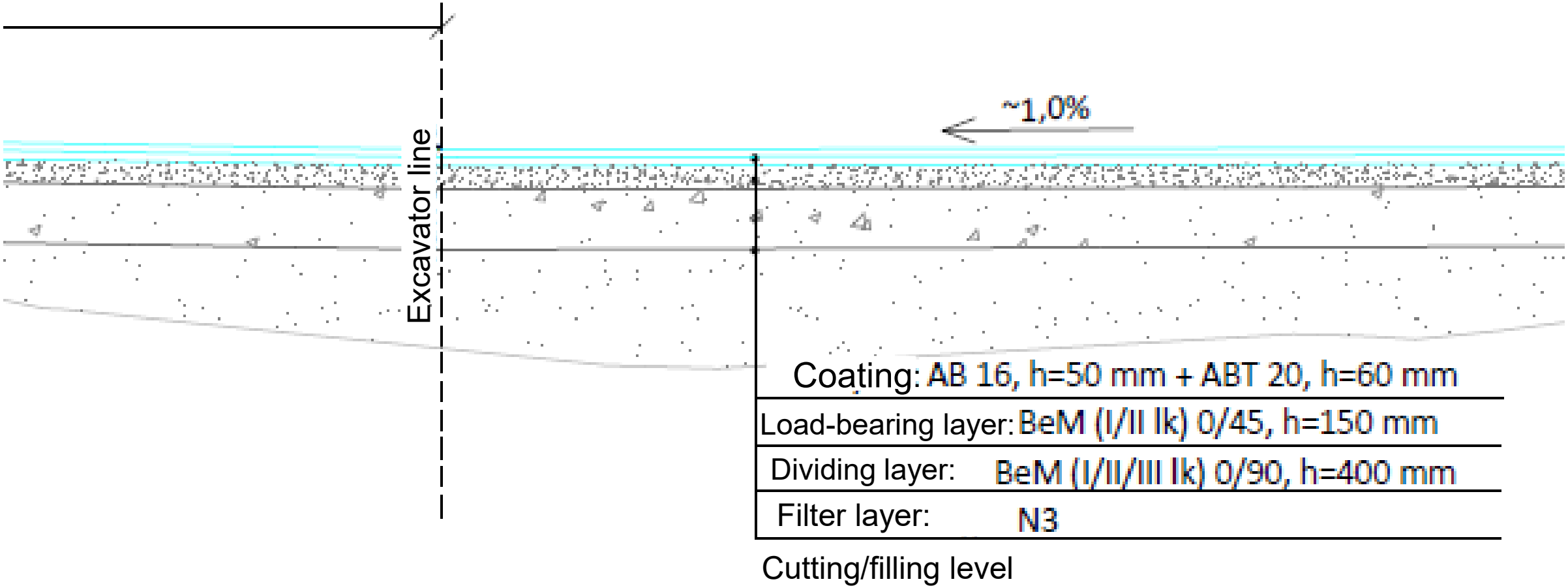
Case 3: Waste from old quay structures to field structures

Case 4: Pulverisation of old railway sleepers in the port and recovery at the processing site

Case 5: Cost-effective track superstructure by recycling old material for reuse

CONCRETE WASTE IN THE SEPARATING AND LOAD-BEARING LAYER

Type section of the field 1:50



The concrete structures of the old pier will be used as backfill for the new pier.

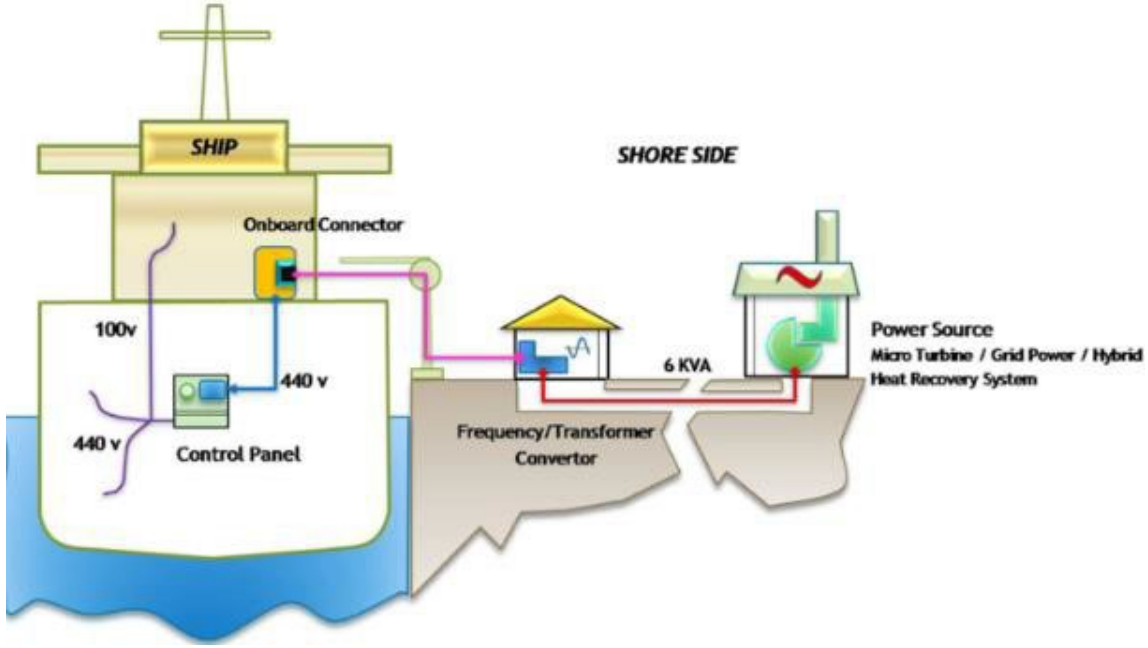
2023 CEF MilMob

- EU MilMob support 50% for a new ramp and construction of a field is 3,62M€.
- The project will improve the existing port infrastructure in the Port of Pori, with a comprehensive TEN-T network. The RoRo ramp and port area renewal to be built in the project will diversify the loading possibilities of the Port of Pori and support the development of EU military mobility in a strategically important logistical corridor.

CEF-T-2023-COMPGEN -- Construction of shore-side electricity supply and photovoltaic power plant in Port of Pori – Acronym Power2 Quays

In July 2024, the EU granted €1.9M (30%) in support of the Port of Pori shore-side electricity supply project.

Shore-side electricity supply (SSE) - Solar power plant - Electricity battery storage as a means of reducing emissions from shipping. The project is starting in earnest in early 2025.



THANK YOU !

Interreg

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Central Baltic Programme

Sustainable Flow