EL poolt kaasfinantseeritud projektid

Hele-Mai Metsal
Arendusosakonna juhataja

TALLINNA SADAM
Heade sõnumite sadam

ÄRIVALDKONNAD

TALLINNA SADAM

Reisijad

- Võimekus teenindada 10 mln reisijat aastas
- 5700 reisilaevakülastust aastas
- Vanasadam ja Saaremaa sadam
- Reisilaevade vastuvõtmine, sadamate infrastruktuuri pakkumine ja arendamine, reisijate ja sõidukite teenindamine

Kaup

- 18 mln tonni kaupa aastas
- 1500 kaubalaeva külastust aastas
- Muuga sadam, Paldiski Lõunasadam
- Kaubalaevade vastuvõtmine, sadamate infrastruktuuri pakkumine ja arendamine

Laevandus

- Parvlaevade opereerimine
- 2,3 mln reisijat, 1,1 mln sõidukit aastas
- Jäämurdetööd Põhja-Eesti sadamates
- *Offshore* tööd

Kinnisvara

- 16 ha Vanasadama kinnisvaraarendus
- 76 ha Muuga tööstuspark
- 39 ha Paldiski Lõunasadama tööstuspark
- 10 ha Saaremaa sadama logistikapark
- Vabad maad ja üüripinnad sadamates

NASDAQ BALTIC AWARDS
2021 INVESTOR RELATIONS OF THE YEAR

Tallinna Sadam on börsiettevõte

AS Tallinna Sadam on alates 13.06.2018 börsiettevõte, mille aktsiad on noteeritud Nasdaq Tallinna börsil.

Ettevõtte aktsionärid on:

67% Eesti Vabariik

33% investeerimisfondid, pensionifondid, jaeinvestorid

Tallinna Sadamal on üle 22 000 aktsionäri.

TALLINNA SADAM

Meie sadamad ja laevandus

Kruiisist kaubani

Jäämurdja Botnica

Muuga sadam

Tallinn: Vanasadam ja Jahisadam

Paldiski Lõunasadam

Parvlaevaühendus

Saaremaa sadam


Vanasadam


Muuga sadam

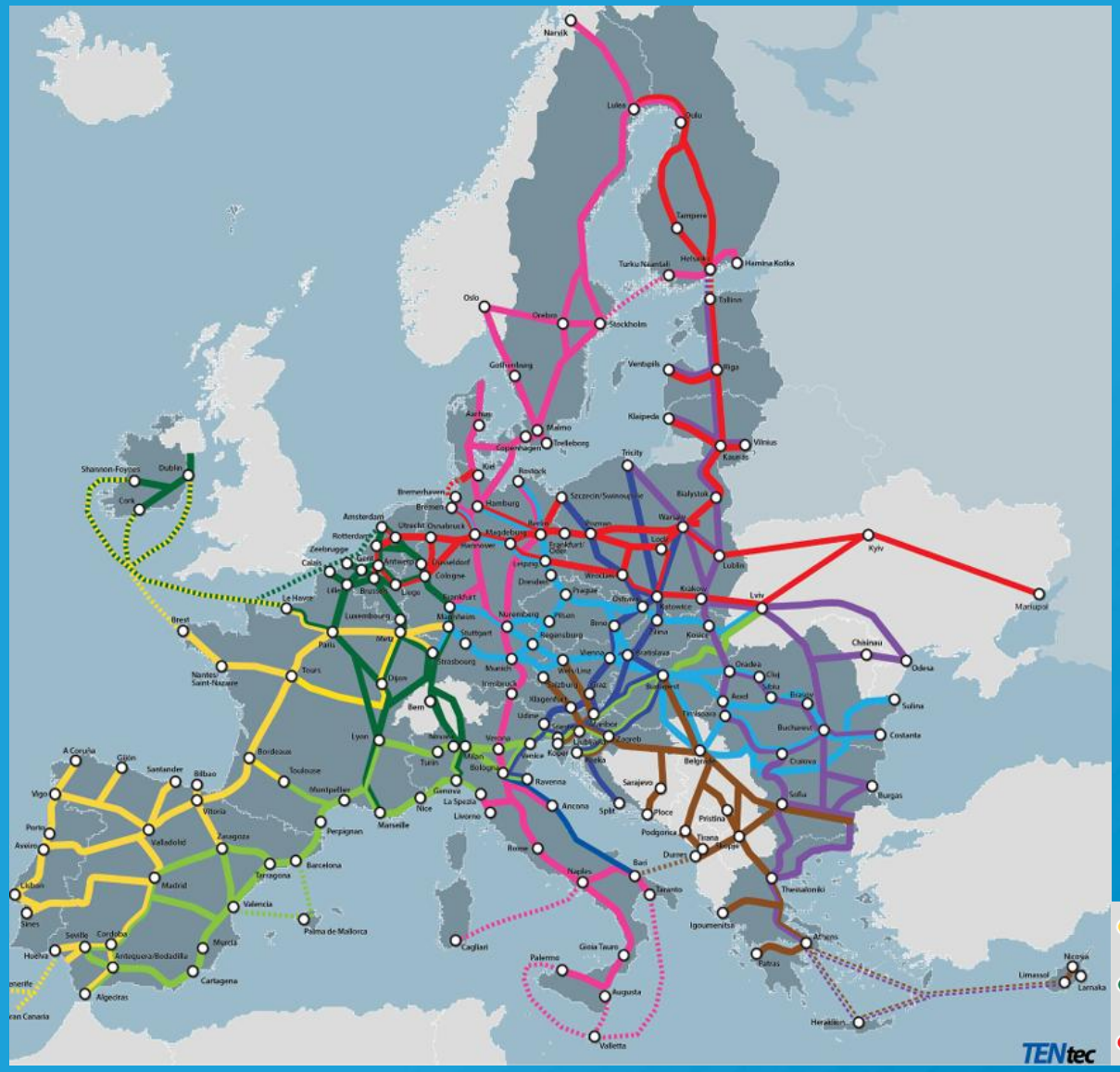

Paldiski Lõunasadam

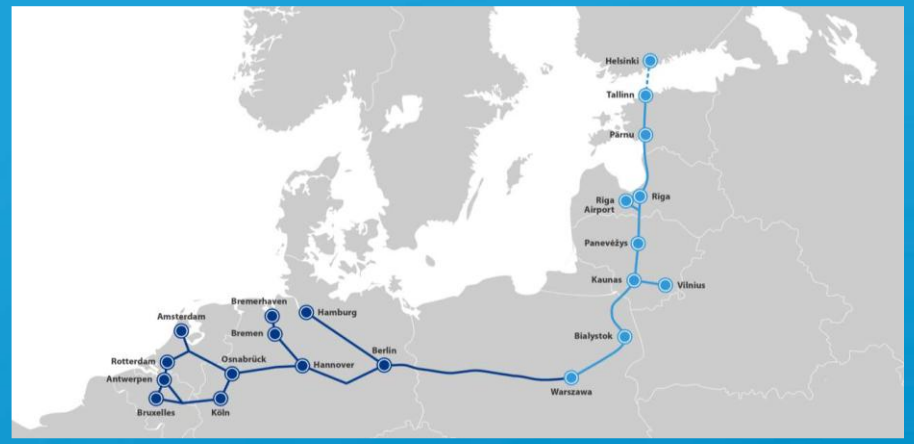

Saaremaa sadam

TEN-T North Sea Baltic
TEN- T Baltic sea – Black sea – Aegean Sea

TALLINNA SADAM

Rail Baltica





- ATLANTIC
- SCANDINAVIAN - MEDITERRANEAN
- MEDITERRANEAN
- NORTH SEA – RHINE – MEDITERRANEAN
- BALTIC SEA - ADRIATIC SEA
- WESTERN BALKANS – EASTERN MEDITERRANEAN
- NORTH SEA - BALTIC
- RHINE - DANUBE
- BALTIC SEA - BLACK SEA - AEGEAN SEA

Motorways of the Sea Project via HELSINKI & TALLINN

New infrastructure solutions for cargo traffic

1,5 million transport units &
8 million passengers a year

Co-financed by the European Union
Trans-European Transport Network (TEN-T)

Co-financed by the European Union
Connecting Europe Facility

Co-funded by the European Union

TWIN-PORT projects

NSB Core Network Corridor Tallinn-Helsinki

TWIN-PORT 1-4 (2012-2023)

Budget €240,2 mln, EU support € 66,43 mln

TWIN-PORT 1 **(2012-2015):**

Budget € 56.3 mln, EU 20%

Port of Helsinki, Port of Tallinn

TWIN-PORT 2 **(2014-2020):**

Budget € 97.6 mln, EU 30%

Port of Helsinki, Port of Tallinn, Tallink AS

TWIN-PORT 3 **(2018-2023):**

Budget € 61.2 mln, EU 30%

City of Helsinki, Port of Helsinki, Port of Tallinn, Tallink AS, Eckerö Line , Viking Line

TWIN-PORT 4 **(2020-2023):**

Budget € 25.1 mln, EU **30%**

Port of Helsinki, Port of Tallinn

Co-financed by the European Union
Connecting Europe Facility

Tallinn Old City Harbour

Twin-Port

HELSINKI TWIN PORT TALLINN

Activity 5. Traffic solution of terminal D

5.1 Relocation of warehouses
5.2 Reconstruction of substations
5.3 New entrance for cars
5.4 Traffic connections to the city – Petrooleumi street

Activity 4. Traffic solution of terminal A

4.1 Reconstruction of quaywall No 15/16
4.2 Ramp of quay No 16
4.3 Construction of sewerages
4.4 Reconstruction of substations
4.5 New entrance for cars. SMART PORT
4.6 Traffic connections to the city – Logi street

Co-financed by the European Union
Trans-European Transport Network (TEN-T)


Pre-gate
Check-in
Gathering area
Smart Port
PORT OF TALLINN
The Port of Good News

Pre-gate recognition – license plate recognition, dimensions (width, length, height, weight), directs vehicles to the correct CI lane

CI area – automatic lanes, lanes with kiosks with personnel, directing the vehicle to the collection area

Collection area – customizable information displays, managing the loading with traffic lights.

Loading area – displaying passenger info on screens

TWIN-PORT 2

Port of Tallinn, Old City Harbour

5. Construction of microtunnel in Sadama street

6. Extension of passenger terminal D

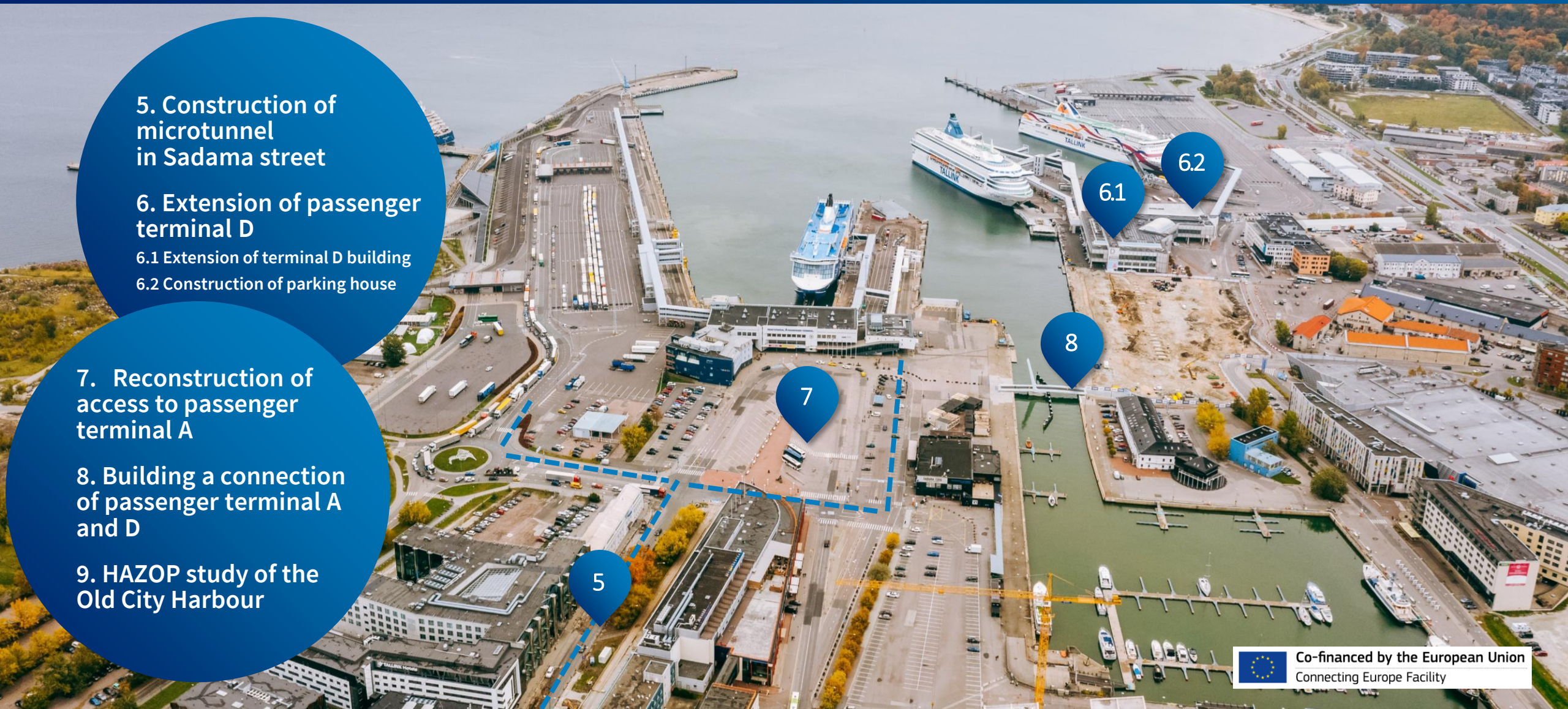
6.1 Extension of terminal D building

6.2 Construction of parking house

7. Reconstruction of access to passenger terminal A

8. Building a connection of passenger terminal A and D

9. HAZOP study of the Old City Harbour



Co-financed by the European Union
Connecting Europe Facility

Reconstruction of terminal D

2018-2020 / Architect: R-Konsult

Completed in July 2020

Sustainable solutions

- Solar panels
- LED lighting
- CO_2 and temperature controlled ventilation system
- Natural smoke extraction system
- Waterless urinals
- Double facade to reduce cooling requirements
- Interior architecture includes natural wood and wildlife – plenty of plants and ornamental trees
- Tactile marking

HELSINKI TWIN PORT TALLINN

Co-financed by the European Union
Connecting Europe Facility

Movable pedestrian bridge over the Old City Marina canal

SIA WITTEVEEN + BOS LATVIA, architect: Plein06 / Design contest 2017

- Connecting coastal areas (Pirita ja Kalamaja)
- Connecting terminals
- Area's landmark

Completed in 2021

Co-financed by the European Union
Connecting Europe Facility

TWIN-PORT 2

Tallink Group AS, Tallinn-Helsinki route

Specifications

Built in:	Meyer Turku Shipyard
Gross tonnage:	49 000
Length:	212 meters
Capacity:	2800 passengers
Engine:	Dual fuel
Service speed:	27 knots
Delivery date:	early 2017

LNG powered fast ferry for the Tallinn-Helsinki shuttle service

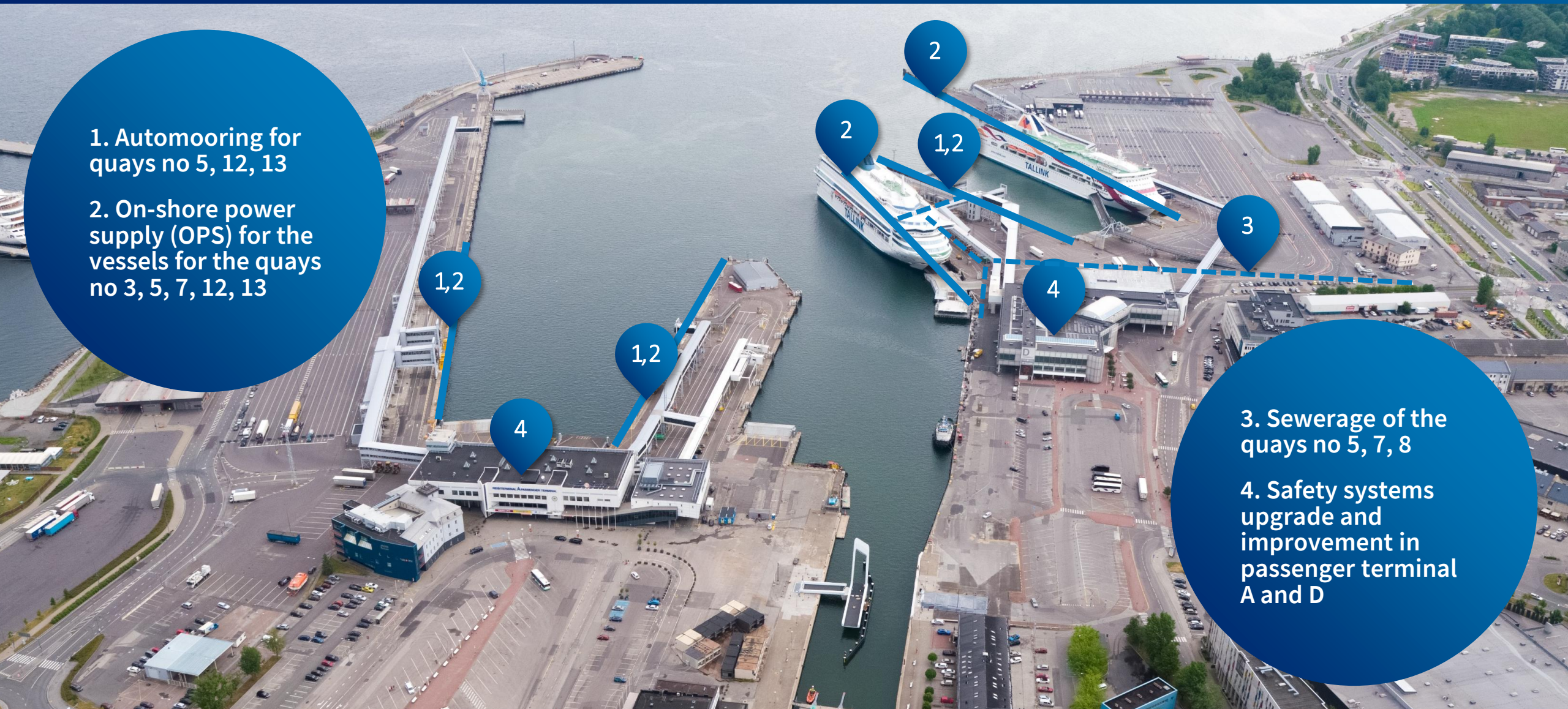
Financing

The cost of the vessel ~ EUR 230 million

HELSINKI TWIN PORT TALLINN

TWIN-PORT 3

Activities in Port of Tallinn Old City Harbour



OPS and automooring

Automooring –
quick, efficient and safe

On-shore power supply –
cooperation with the **Port of Helsinki, Port of Turku and Ports of Stockholm** to agree to provide in all their ports **on-shore power supply for 11kV** for Ro-Pax vessels.

Automooring

- 3 quays
- For ships on the shorter sea routes
- Shorter mooring time and lower fuel consumption
- Less air pollution
- Less noise and vibration
- Less staff-costs
- In use from 2021

Shore power connections

- Quays no 3, 5, 7, 12, 13
- Connecting ships in 2021
- Ships of the Finnish and Swedish route
- Less air pollution, noise and vibration
- 1 ship 7 h per day,
  decrease per year:
  - 1440 t CO_2;
  - 20 t NO_x ;
  - 820 kg SO_x;
  - 2,5-3%fuel consumption
- Frequency 50 Hz,
  voltage 11kV

TWIN-PORT 4

Port of Tallinn, Muuga Harbour

Act 3

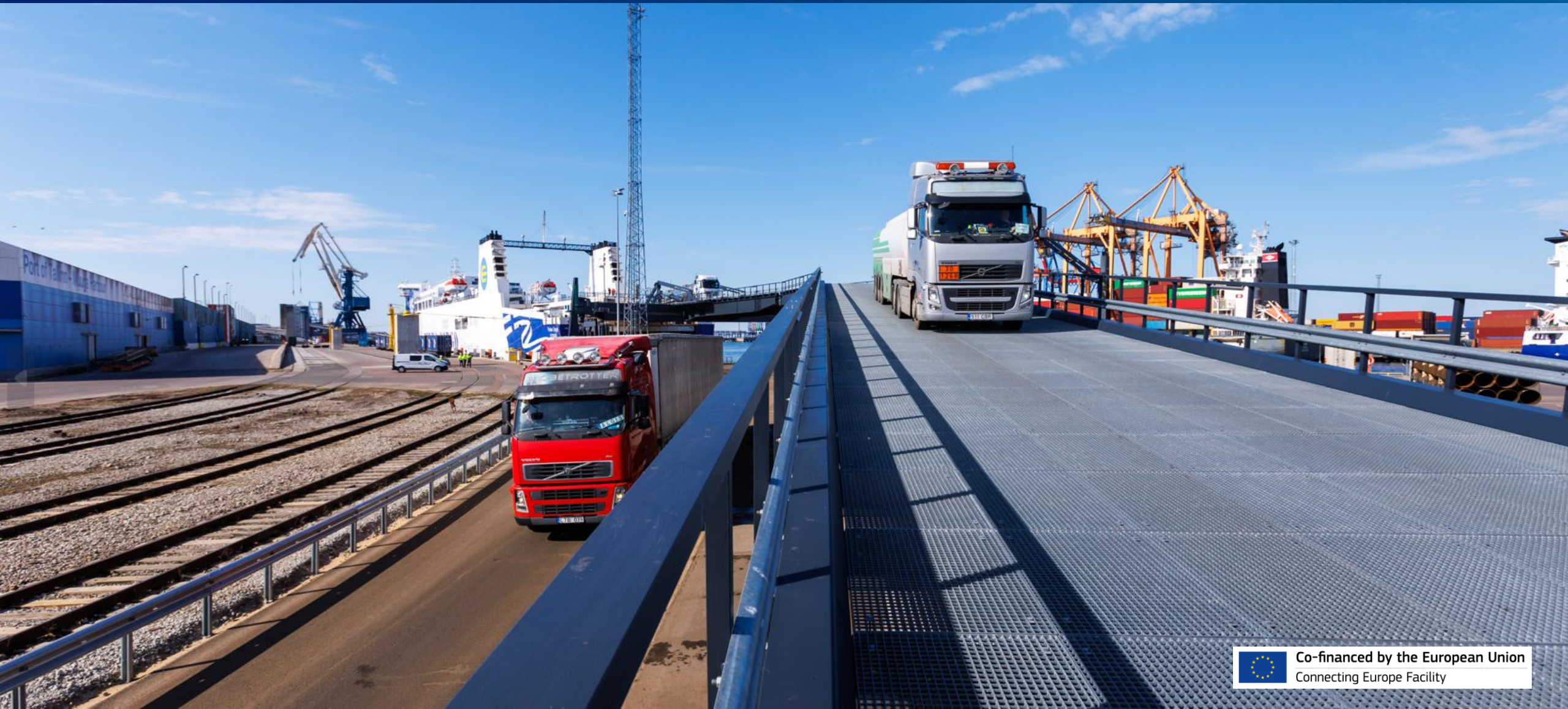
Reconstruction of the ramp and construction of the second level ramp on the quay No 13

Co-financed by the European Union
Connecting Europe Facility

TWIN-PORT 4

Port of Tallinn, Muuga Harbour

HELSINKI TWIN PORT TALLINN



Co-financed by the European Union
Connecting Europe Facility

TWIN-PORT 4

Port of Tallinn, Old City Harbour

Co-financed by the European Union
Connecting Europe Facility

Completed
in 2022

Reconstruction of the gangway of the quay No5

Co-financed by the European Union
Connecting Europe Facility

Reconstruction of the public area in front of Terminal D

Completed in 2022

The design solution for the front exterior space of Terminal D was prepared by K-Projekt AS, Roadplan OÜ, AB Pluss OÜ and Infragate Eesti AS and built by Nordecon AS

HELSINKI TWIN PORT TALLINN

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
15 LIFE ON LAND

Co-financed by the European Union
Connecting Europe Facility

TWIN-PORT projects

NSB Core Network Corridor Tallinn-Helsinki

TWIN-PORT 5 (2021-2025):

Budget € 13.6 mln

EU funding rate **50%**

Port of Helsinki, Port of Tallinn

Final report approved, final payment made

TWIN-PORT 6 (2024-2028):

Budget € 30.8 mln

EU funding rate **50%**

Port of Helsinki, Port of Tallinn

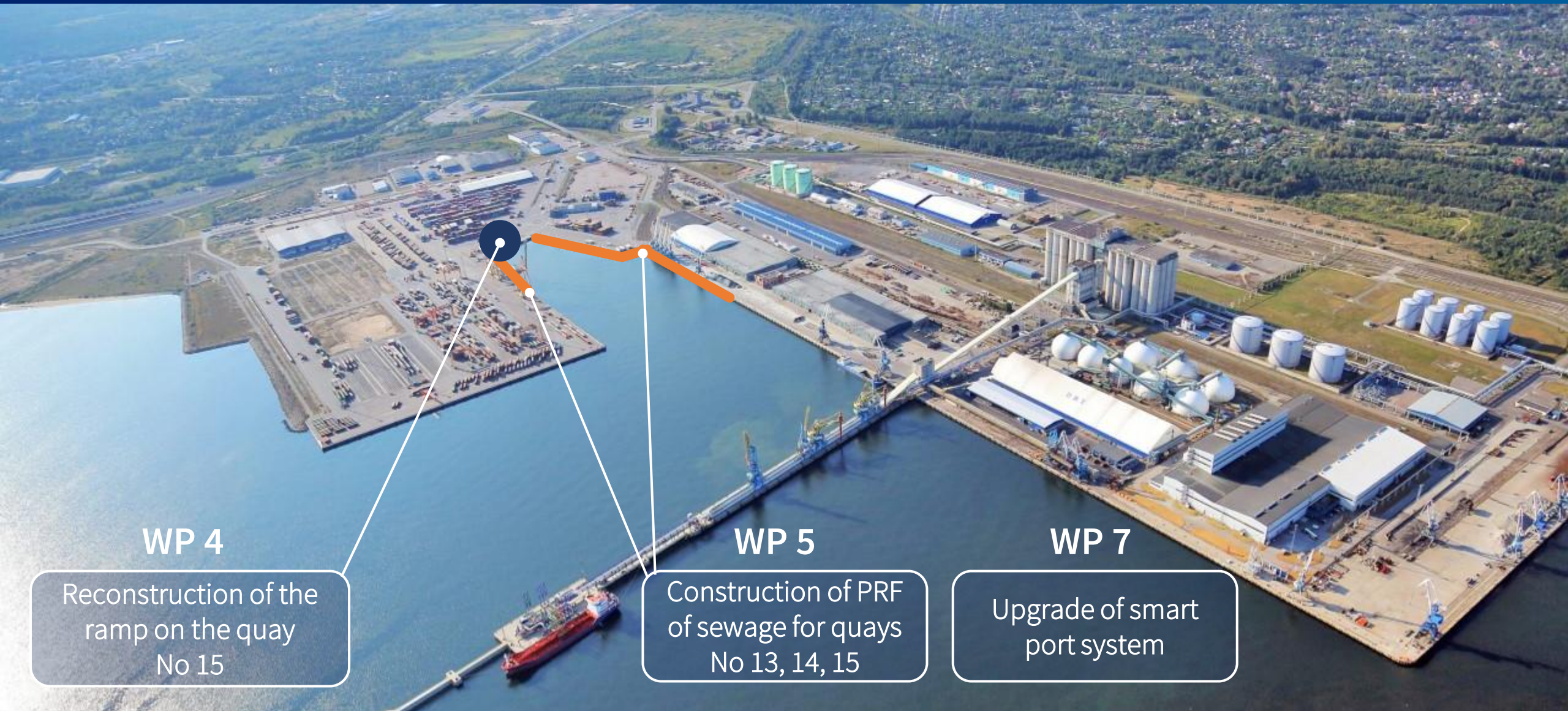
Ongoing

PORT OF TALLINN

PORT OF HELSINKI

Co-funded by the European Union

TWIN-PORT V
Port of Tallinn, Muuga Harbour



WP 4

Reconstruction of the ramp on the quay No 15

WP 5

Construction of PRF of sewage for quays No 13, 14, 15

WP 7

Upgrade of smart port system

TWIN-PORT V
Port of Tallinn, Old City Harbour

Port of Tallinn, Old City Harbour

Co-funded by the European Union

TWIN-PORT VI
Port of Tallinn, Muuga Harbour

PORT OF TALLINN

PORT OF TALLINN

Other EU funded projects

Paldiski sissesõidukanali süvendus

INEA/CEF/TRAN/A2019
Dredging of Paldiski South Harbour fairway
Project period 2019-2020
Budget in total € 3,1 mln
EU funding rate 50% for studies 20% for works

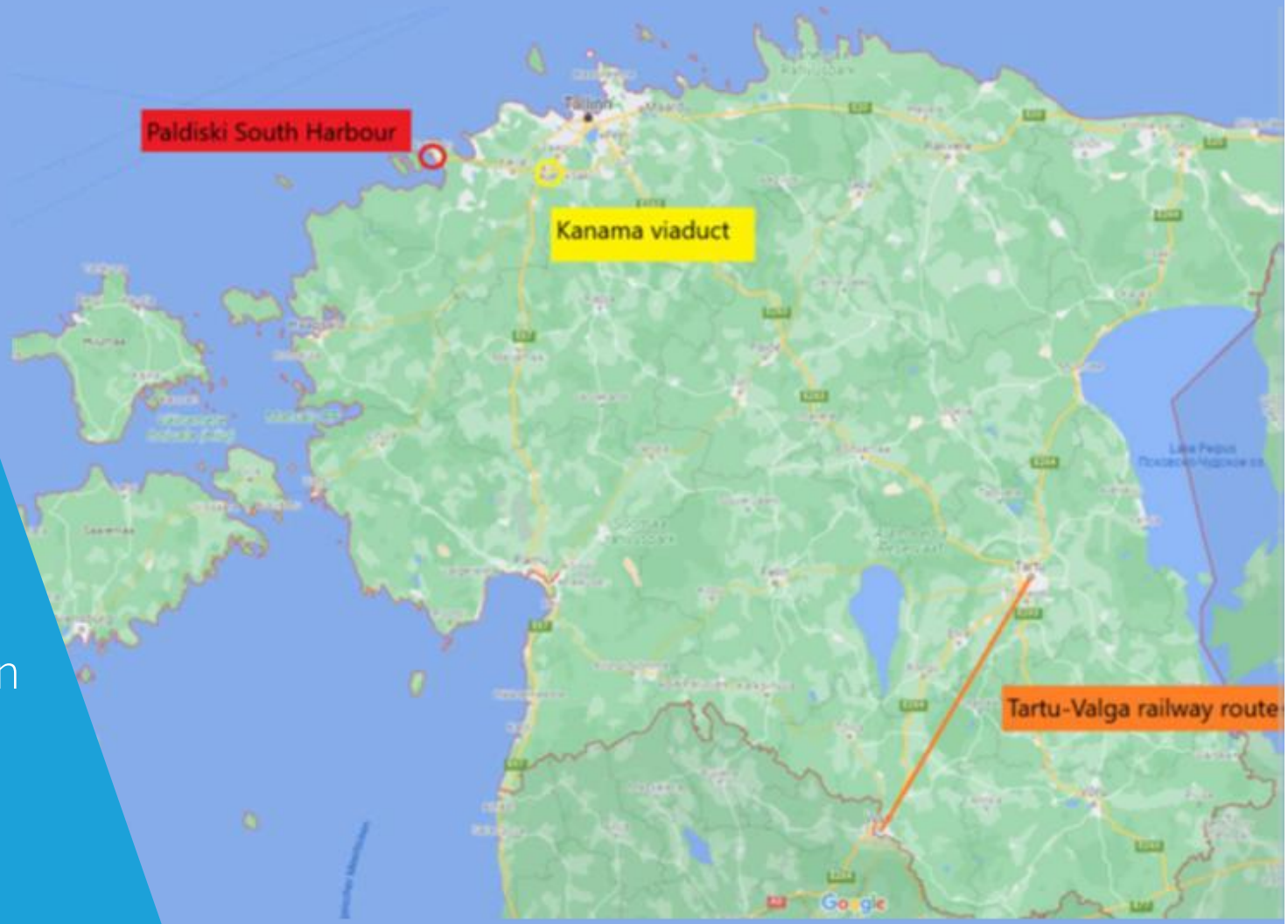
EU support 0,73 mEUR

Co-funded by
the European Union

EstMilMob

CEF-T-2021-MILMOB
Project period 2022-2026
Budget in total 62,3 mln EUR
EU funding rate 50%

- Port of Tallinn € 40,0 mln/ 63,1 mln
- Estonian Railway € 12,0 mln
- Estonian Transport Administration € 10,1 mln
- Estonian Centre for Defence Investment € 0,23 mln



Co-funded by the European Union

The new multifunctional quay and terminal area

Paldiski South Harbour
EstMilMob

- Quay length: 310 m
- Quay depth: 13, 5m
- Quay width: 133-311 m
- Bearing capacity: 200-400kN/m2
- Adjustable RO-RO ramp
- Quay area: 10 ha

Co-funded by the European Union

Interreg
Baltic Sea Region

Co-funded by
the European Union

ENERGY TRANSITION
H2Deri@BSP

H2Derivatives@BalticSeaPorts

A cooperation project to develop proof-of concepts
for the uptake of H2 derivative fuels

Port of Hamburg
MARKETING

H2Derivatives@BalticSeaPorts
Project in a Nutshell

Interreg Baltic Sea Region

Co-funded by the European Union

ENERGY TRANSITION
H2Deri@BSP

H2Deri@BSP will provide

- a clear perspective on future energy qualities and quantities
- solutions for planning and investing in appropriate port & terminal infrastructure,
- focused guidelines and examples for an adapted port regulatory framework, and
- a communication strategy to increase acceptance of investments.

H2Deri@BSP will increase

… capacities of port authorities in the Baltic Sea Region
to support relevant stakeholders to prepare for transshipment, storage and bunkering of green H2-derivatives.

Implementation Phase: 03/2025 – 02/2028

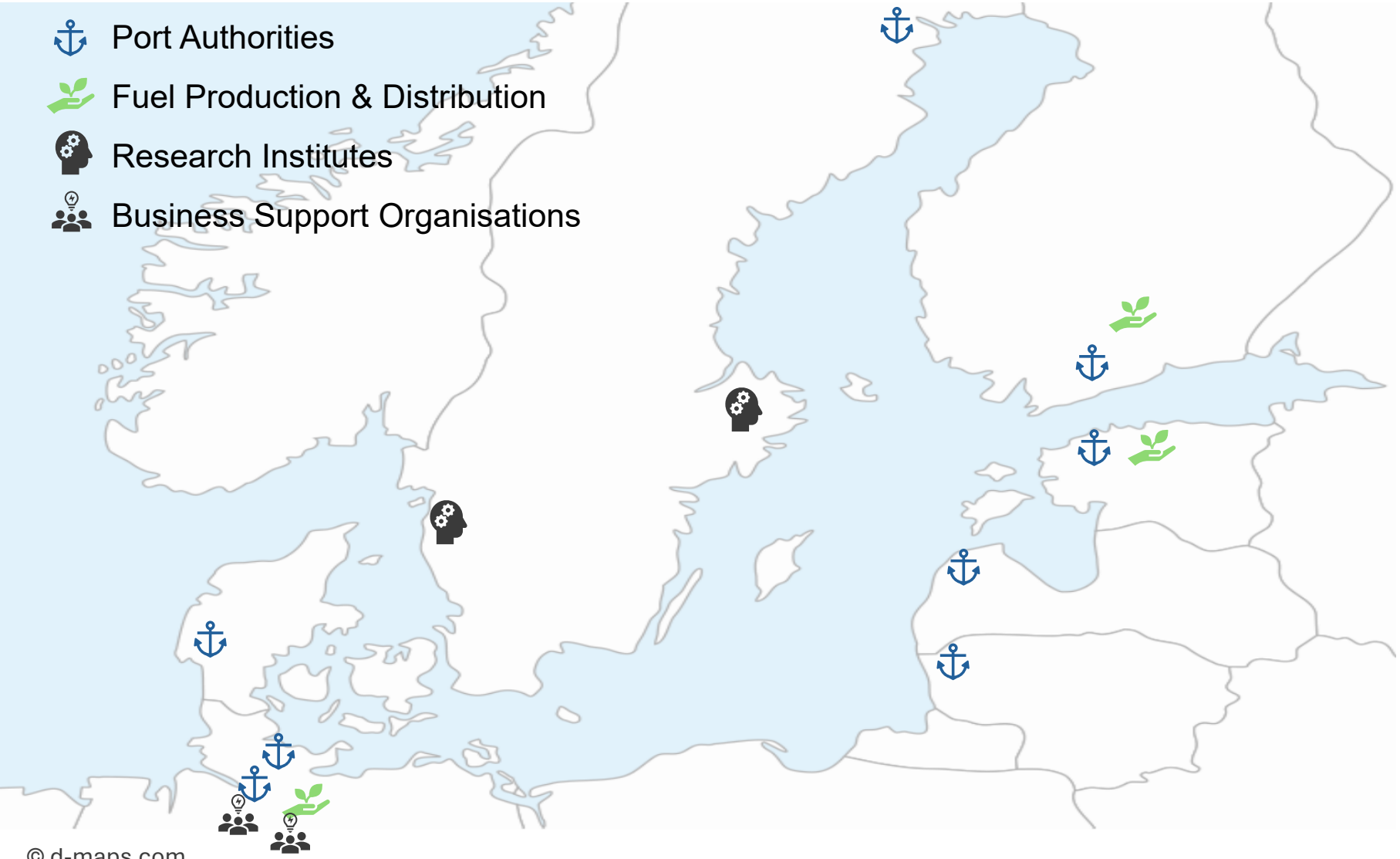
Project ID: #076, H2Deri@BSP

H2Derivatives@BalticSeaPorts
Introduction of Project Partners

Interreg Baltic Sea Region

Co-funded by the European Union

ENERGY TRANSITION
H2Deri@BSP



- Hamburg Port Authority
- Freeport of Ventspils Authority
- Klaipeda State Seaport Authority
- Port of Kiel
- Port of Esbjerg
- Port of Helsinki
- Port of Luleå
- Port of Tallinn

- Alexela
- Gasum
- Mabanaft

- IVL Swedish Environmental Research Institute
- Lindholmen Science Park

- Association of German Seaport Operators
- Port of Hamburg Marketing (Lead Partner Organisation)

Interreg
Baltic Sea Region

Co-funded by
the European Union

CIRCULAR ECONOMY
Circular Ports

Circular Ports

A cooperation project to implement circular economy strategies in port environments

Circular Ports

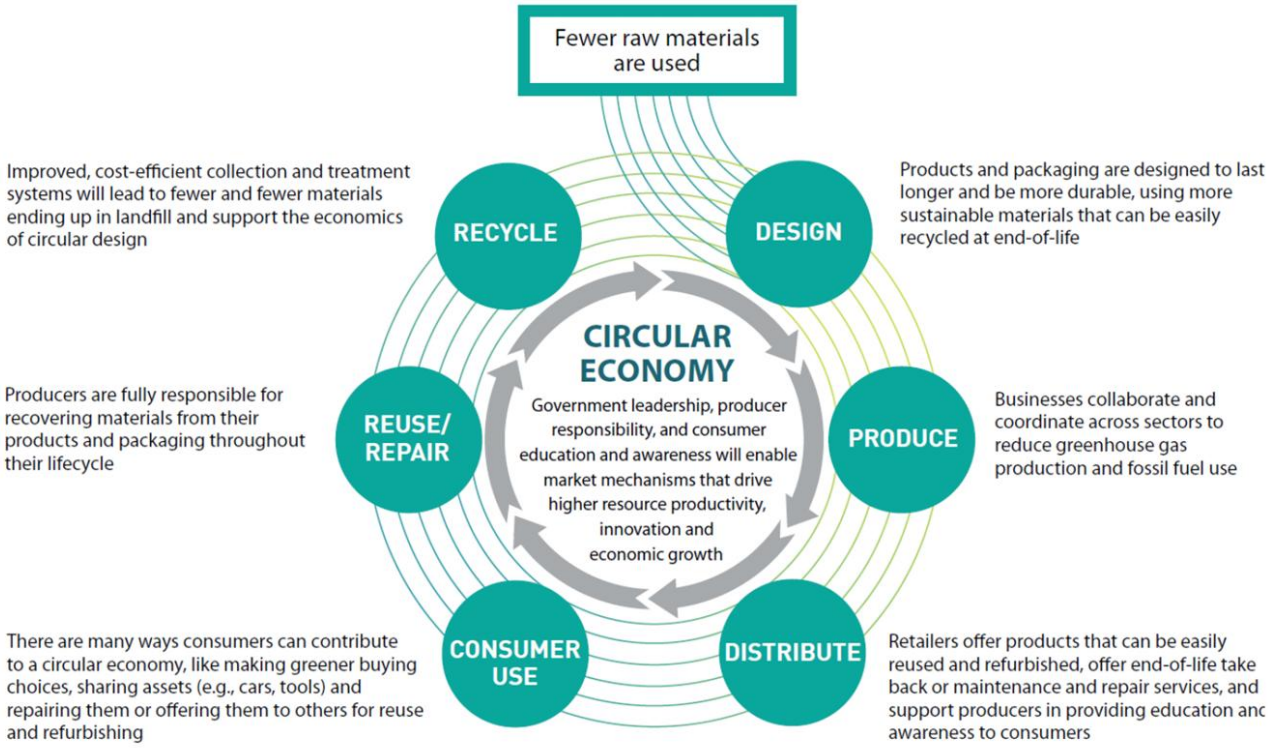
Interreg Baltic Sea Region

Co-funded by the European Union

CIRCULAR ECONOMY
Circular Ports

Circular Ports (CP) helps port stakeholders to develop CE Business cases by

- Providing helpful tools (e.g. for data collection)
- Providing best-practice examples
- Bringing stakeholders together



Circular Economy business cases – working them out in port environments.
Support - providing data, collecting data. Sharing best practices.

Port of Hamburg

Circular Ports

Project partners

Regional public Authorities (Port Authorities)

1. Hamburg Port Authority (DE)
2. Port of Aalborg (DK)
3. Port of Norrköping (SE)
4. Port of Tallinn (EE)
5. Lappeenrannan kaupunki (FI)
   = Port & City administration
6. Climate Alliance, Aalborg, Aalborg Municipality (DK)

SME / Large Enterprises

7. EMR Metal Recycling (DE)
8. Enefit Green AS (EE)
9. Metkom Ltd (PL)

Research Institute

10. HiiCCE - Hamburg Institute for Innovation, Climate Protection and Circular Economy (DE)
11. University of Gdansk (PL)
12. LAB University of Allied Science (FI)
13. RISE Research Institutes of Sweden AB (SE)
14. Swedish National Road and Transport Institute (SE)

Business Support Organisation

15. Port of Hamburg Marketing (DE)
16. BPO (EE)

Interest Group

17. Centrum Balticum Foundation (FI)

Interreg Baltic Sea Region

Co-funded by the European Union

CIRCULAR ECONOMY
Circular Ports

Port of Hamburg

PORT OF TALLINN

PoTOPS

OPS for cruise and ro-pax vessels in Old City Harbour

CEF AFIF2024

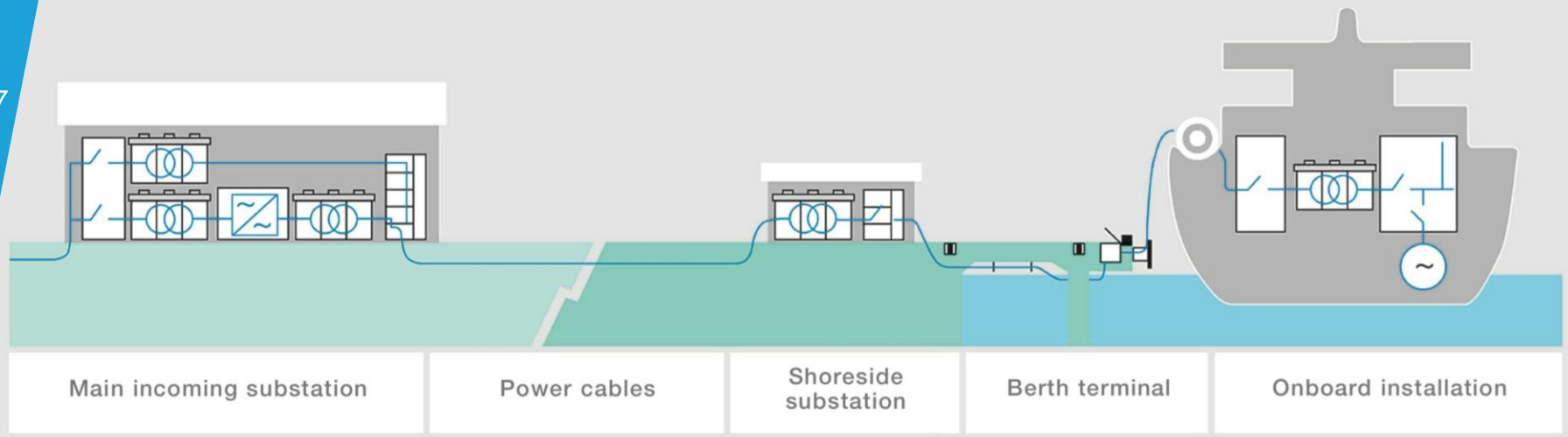
Budget € 35,7 mln

EU funding rate 30% (€ 10,2 mln)

Timeline 07.2025-09.2028

PoTOPS

- New grid connection
- Building for the new substation
- Equipment for the new substation
- On-shore power system for quays 26/27



Soovitused

Projekti eesmärk
Rahastusmeetme valik
Partnerite valik
Küpsusaste
Põhjalik ettevalmistus
Konsultant
Administreerimine

“Best value for money”

TALLINNA SADAM

Aitäh!

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www.ts.ee & www.ts.ee/investor

portoftallinn