



Green Inland Shipping Event

Brussels, 16 October 2019



Inland waterways and ports in action



EU2019.FI Finland's Presidency
of the Council
of the European Union



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Programme

14:00

Registration (*upper deck Verdi*)
Welcome with coffee and tea (*down deck Verdi*)

14:15

Speech by Alain Maron, Minister for climate transition, environment, energy and participative democracy, in charge of the Port of Brussels (*down deck Verdi*)

14:20

Explanation on the division in groups for the guided visits of the 5 innovative vessels and introduction of the guides by Karin De Schepper (*down deck Verdi*).

14:30

3 parallel programme streams :

Outside

Visit of vessels:

- Emeli
- Wantij
- Hydroville
- Ecotanker III
- Sendoliner

14:30-15:30 **Groups 1-5**

15:30-16:30 **Groups 6-10**

Verdi downdeck

Presentations:

- **Future Proof Shipping**
Hydrogen zero-emission container transport
- **SEAFAR**
Unmanned sailing
- **FLUDIS** Urban delivery of parcels by electric ship

Verdi upperdeck

Exhibition :
banners on innovative vessels and projects

Networking
and drinks

16:30

Speeches (*upper deck Verdi*)

- Marian-Jean Marinescu, European Parliament, TRAN committee
- Henrik Hololei, European Commission, Director-General DG MOVE
- Maria Rautavirta, Director Finnish Presidency of the Council

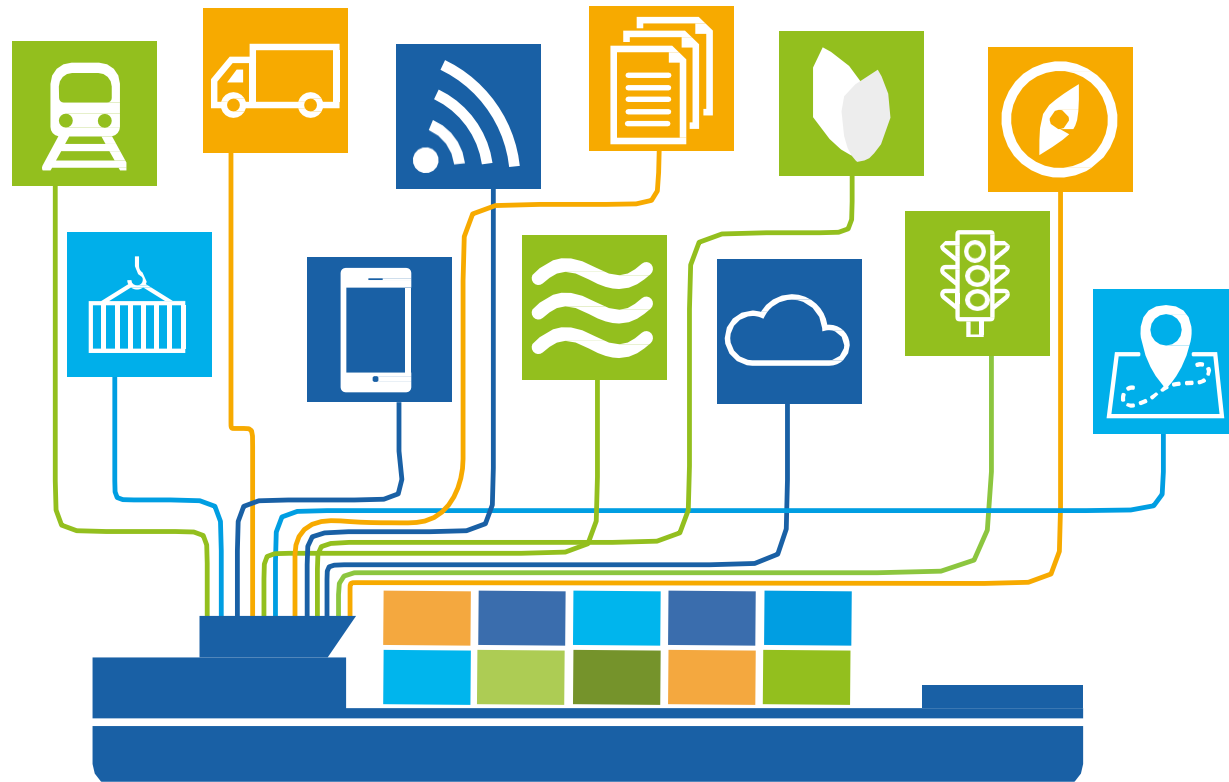
17:30

End of event

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Towards zero-emission transport



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Inland waterways & ports in figures

75% of traffic
cross-border



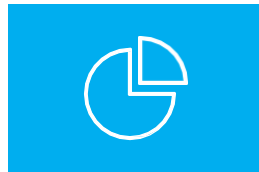
40,000km
EU waterways

250
inland ports



560 million tonnes
shipped every year

6% share in land
freight transport

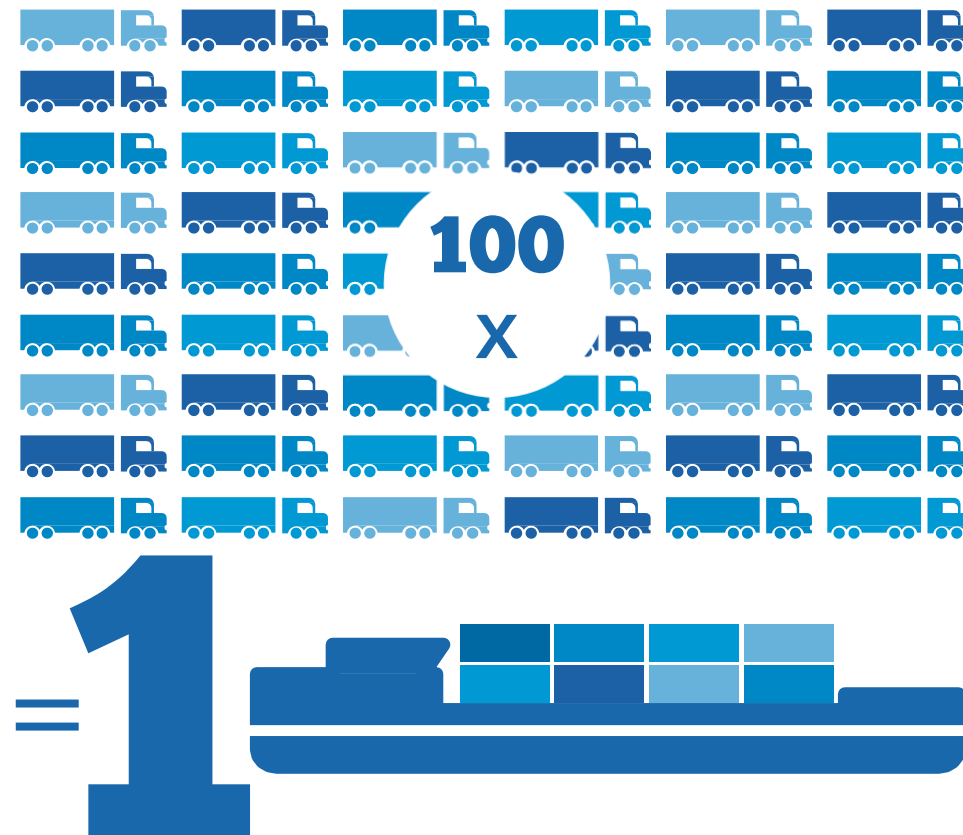


150 billion
tonne-km

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Beat road congestion



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Beat emissions



No traffic
jams

- 60-80% less fuel
- 60-80% less carbon
- 50-75% less noise

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Changing logistics

Innovation Platforms



Riverdating



Watertruck+



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Towards zero-emission transport

Euro VI



H₂ and diesel-electric



H₂ dual fuel



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Towards zero-emission transport

Gas-electric



Battery ship



All-electric



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Smart mobility

Cooperative data harvesting



Vessel platooning



Unmanned shipping



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Changing urban transport

Roboat



Seabubble



Fludis



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Green ports

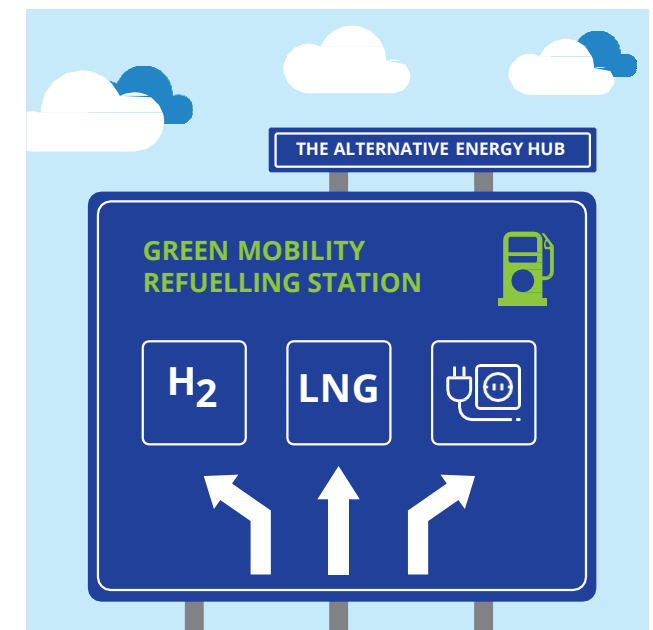
Carbon neutral ports



Eco-industrial parks on water



Fuel of the future



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Green infrastructure

Power of water and wind



Circular sediment use



Working with nature



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Corridors waterways traffic




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Green & smart corridor logistics

with several
smart steps
we take a giant leap towards a
zero emission
footprint

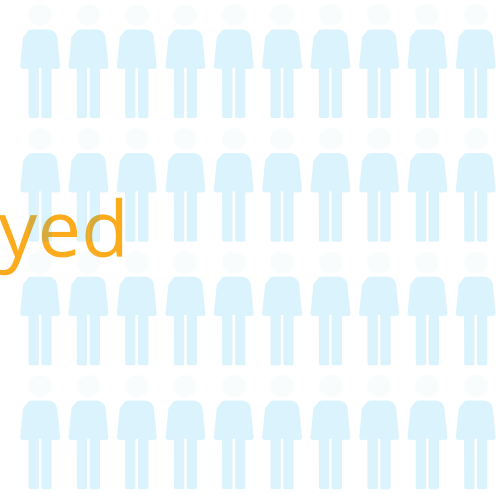


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People at the heart

over **42,000** ^{Today} people are employed
on board vessels in Europe.
They are offered
an **exciting** and **rewarding**
career perspective



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Hubs for urban logistics & circular economy

250



inland ports in Europe,

boosting a

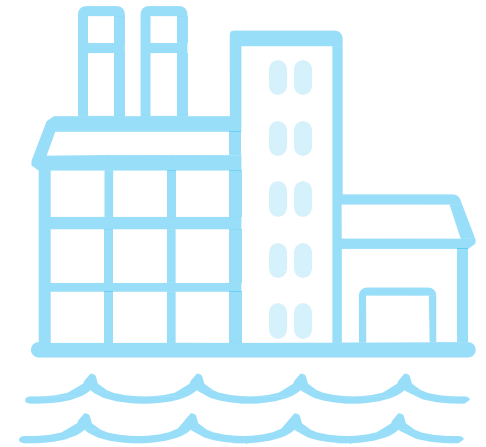
**circular & decarbonised
economy**

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Infrastructure shapes mobility

Many companies
are located
less than 10km
from **water**



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Seabubbles

[Click here to see the film](#)

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Hydroville

[Click here to see film 1](#)

[Click here to see film 2](#)

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FLUDIS

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