



AEGIS – Next Generation Short Sea Shipping Logistics

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The project has received funding from the European Union's Horizon 2020
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Image: MacGregor/Cargotec

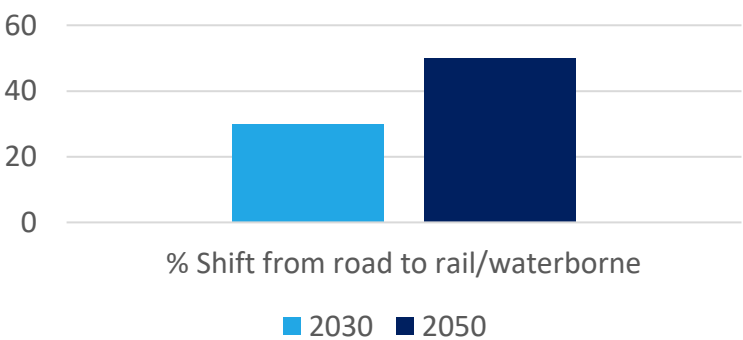
The UN sustainable development goals



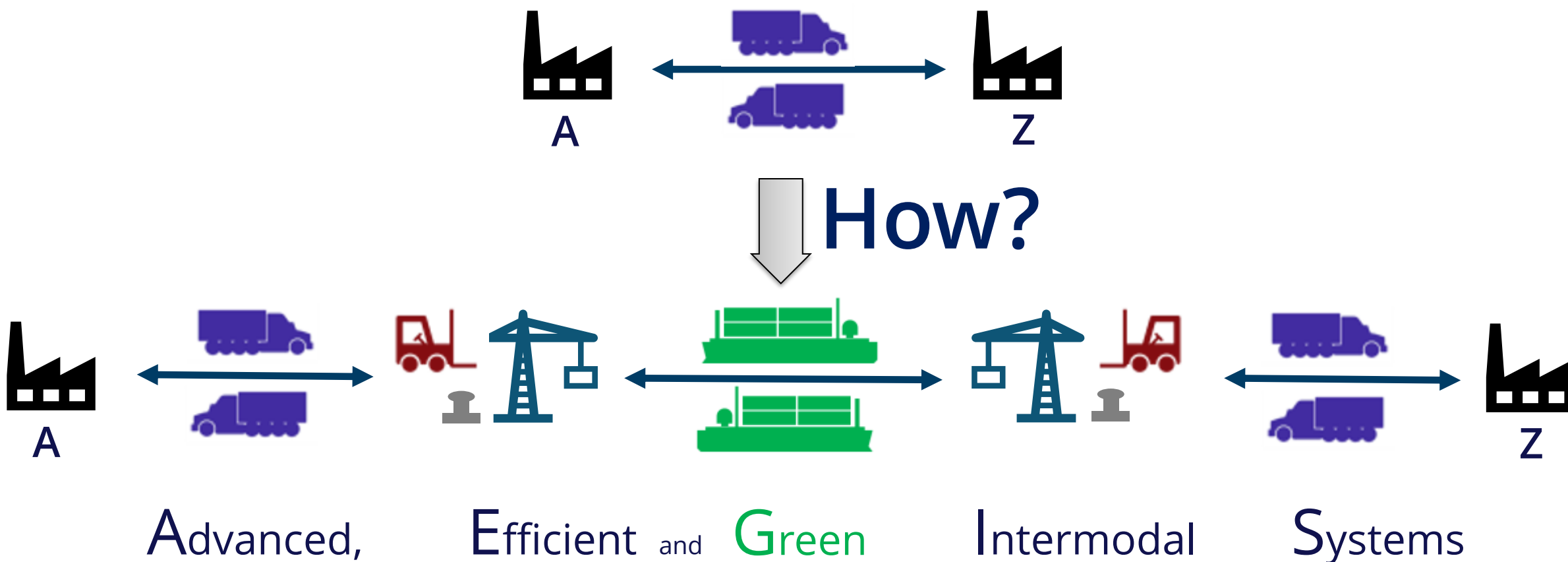
EU ambitions



Road freight over 300km shift
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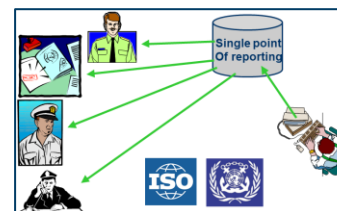
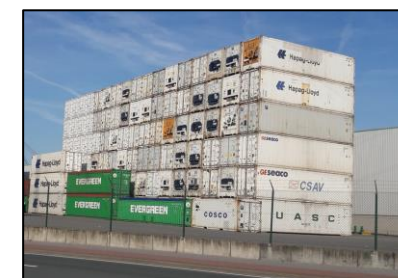


The logistical challenge



Next generation sustainable waterborne logistics system

- redesign the logistics system
- more **diverse** sizes of ships
- **mother-daughter** solutions
- more **flexible** ship systems
- **more automation in** cargo handling
- **standardized** cargo units
- **digital** connectivity



Three AEGIS use cases:

- Short sea shipping
- Inland shipping
- Small and medium ports

Use-case: Short sea terminals in Norway



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Use-case: RORO Short sea and inland shipping in Belgium and Netherlands



Use-case: Revitalizing regional ports and city center terminals; Aalborg and Vordingborg



Port of Aalborg

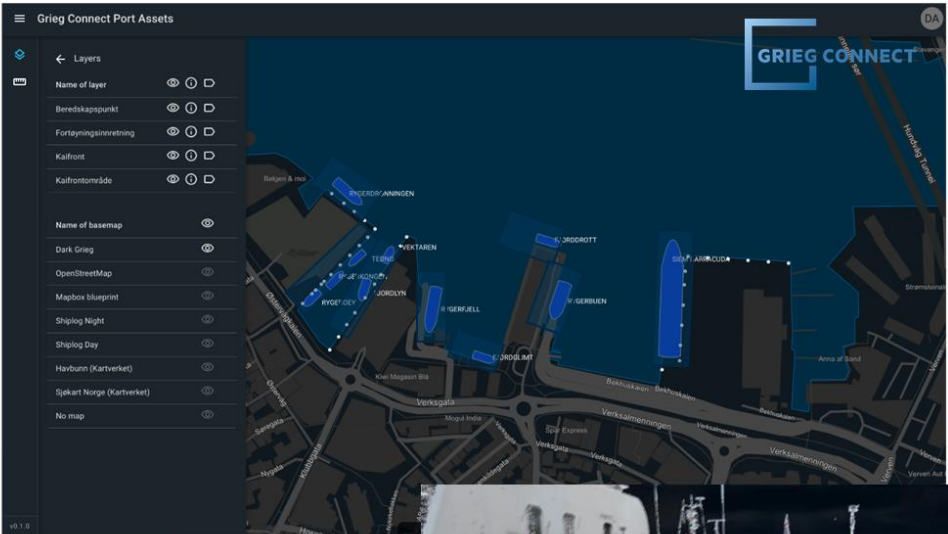


Port of Vordingborg

One specific example on work we do
in AEGIS



Automising the ports



Nearfield insight



Transition towards next generation Short Sea Shipping in the EU

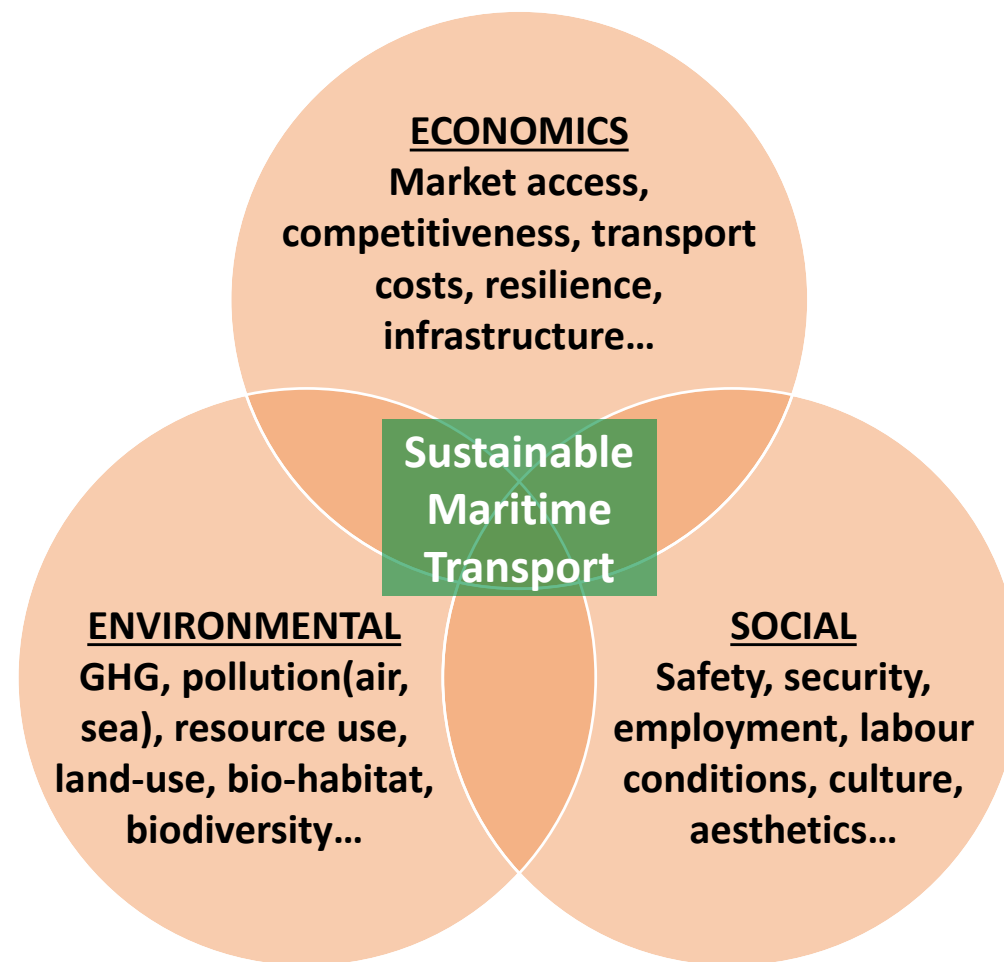
- Policies and regulations
- Cost Benefit Analyses

Policy support & measures

- Investigate:
 - Do existing legal requirements applicable to SSS fit the policies calling for a transition from land-based to automated maritime transport logistics?
 - What are the regulatory and policy hurdles encountered by stakeholders within the AEGIS use-cases?
- Propose implementation measures for policy instruments



Cost-benefit analysis



Partners and funding

- Budget: EUR 7.5 Million
- Start: June 1st 2020
- End: May 31st 2023 (36 months)
- <http://aegis.autonomous-ship.org/>





More information



<http://aegjs.autonomous-ship.org>

