



Eco-efficiency to Maritime Sector via Digitalisation

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FUND

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ECOPRODIGI in a nutshell



- **MAIN OBJECTIVE:**

To increase **eco-efficiency** in the Baltic Sea region **maritime** industry with the help of **digital tools and solutions**.

- **FOCUS:**

Increasing the institutional capacity of shipping companies, shipyards, suppliers and ports to improve the eco-efficiency of their current operations as well as to create and implement new digital solutions.

- **Project duration:** October 2017 – December 2020

- **Project budget:** 4,2M€



ECOPRODIGI: Partners

- **21 Project Partners** from Finland, Sweden, Denmark, Norway and Lithuania

- **Also 6 Associated Partners** from Poland, Russia, Estonia, and Sweden

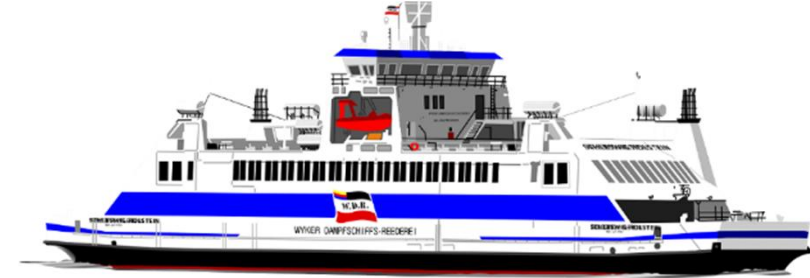


ECOPRODIGI: Cases

Case 1

Digital Performance Monitoring

- How to improve the operational efficiency of vessels?



Case 2

Optimising Cargo Stowage

- How to improve the efficiency of terminal operations & the overall utilisation of vessels?



Case 3

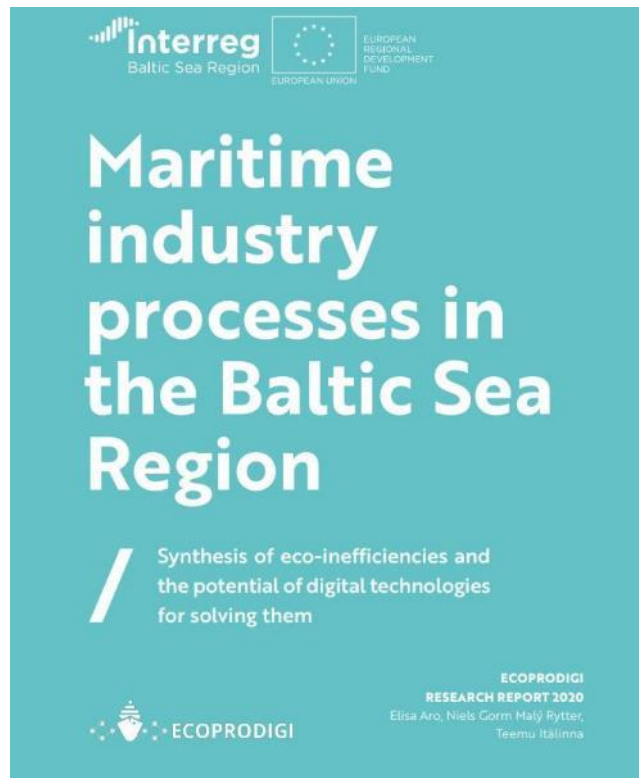
Optimising Shipyard Processes

- How to improve process management & supply chain management at shipyards?



Results and lessons learned so far: Benefits from digitalisation

1st report on findings was published in early 2020 (<https://ecoprodiggi.eu/publications>)

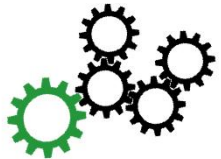


Digital tools & solutions can help to achieve:

ü Potential reductions of up to 20% in fuel consumption & emissions



ü More efficient processes & better productivity



ü Better informed decision-making



ü Improved utilisation of assets & resources



ü Reduced overall expenses



Results and lessons learned so far: Eco-Efficiency

MISSING:



- **Incentives** for investments in new technologies
- International **standards**
- Digital **capabilities**
- Focus on **overall efficiency**
- **Transparency** & clear streams of **information**
- Efficient **planning** & **coordination** between ports, vessels and operators

NEEDED:



- Improved **access to accurate & timely data**
- Better **utilisation of data**
- **Standardisation**
- **Commitment & investment** in digital solutions and new technologies
- **Research & development**

Coming up next:

- Digitalisation roadmaps for increasing eco-efficiency in the Baltic Sea region maritime sector
- Pilotings of digital tools with maritime industry end-users & 2nd synthesis report on findings
- Training programmes for shipyards, shipping companies & ports
- Policy briefings & recommendations to increase eco-efficiency and digitalisation in the Baltic Sea region



Thank you!

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