Extension stage project EXOPRODIGI

PA Safe & Ship Steering Committee meeting

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Interreg Baltic Sea Region

EUROPEAN UNION EUROPEAN REGIONAL DEVELOPMENT FUND

EXOPRODIGI

Project data

- **Duration:** January-September 2021
- **Budget:** ~ 879 000 euros
- **Partners:** 13 organisations (Finland, Sweden, Denmark, Lithuania)

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EXOPRODIGI

Objectives of EXOPRODIGI

- Create and enhance digital tools to:

  1) decrease environmental burden:

  - reduce waste, emissions and energy consumption

  2) Improve business processes in the maritime industry by:

  - bringing more transparency to processes, reducing working hours and enhancing decision-making

- Continue the efforts achieved in the regular project, ECOPRODIGI:

  - Enhancing some of the prototype digital tools developed in the earlier project, creating new applications, testing them with target groups and ensuring hand-over of the tools to target groups.

Delivered main outputs for work packages

- The project focused on 1) vessels, 2) ports and 3) shipyards

WP 2 Digital performance monitoring

Activity Group 2.1: Enriched on-board tool for eco-efficiency (small ferries case)

Output: Validated on-board tool and eco-efficiencies

WP 2 Digital performance monitoring

Activity Group 2.2: Monitoring engine conditions and eco-efficiency on-board (gas carrier case)

Output: Validated engine fuel efficiency monitoring tool

WP 3 Cargo stowage optimisation

Activity Group 3.1: Implementing "Proof-of-Concept" for cargo stowage optimisation

Output: Demonstrated eco-efficiencies for cargo stowage optimisation

WP 4 Optimising shipyard processes

Activity Group 4.1: Production facility revamp through 3D

Output: Guidelines for creating virtual production facilities

WP 4 Optimising shipyard processes

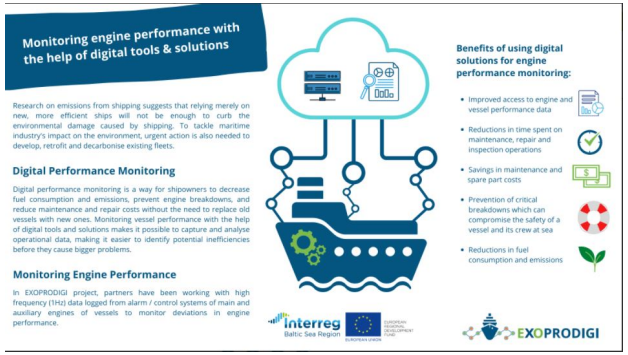
Activity Group 4.2: Solving the digital marine supply chain

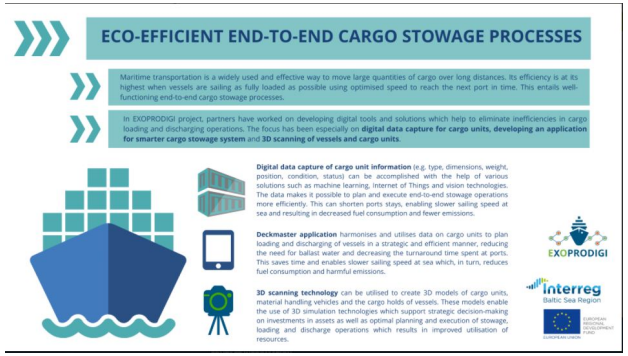
Output: Digital supply chain solution

Publications

- A description of the digital tools developed in the project is summarised in several publications and videos:
  - A final report “EXOPRODIGI – Digital tools for eco-efficient maritime industry”
  - Two infographs on two different cases
  - Videos
  - → https://ecoprodigi.eu/exoprodigi/exoprodigi-publications

- Do not forget to see an insipiring animation summarising the entire project: https://youtu.be/BfN41qn4L7U





Thank you!

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