

Green inland ports: Enabling the Sustainable Management and Development of inland ports

**Danube Ports Days, Vienna
23 - 24 November**





**GREEN INLAND PORTS STUDY:
STATE OF PLAY**

Update on the Key Findings, Activities and Studies

Geert Smit, Director Transport Department, Ecorys Netherlands

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Policy context

- Pilot project study proposed by the **European Parliament**
- Inland ports play **a crucial role in reducing transport emissions** and **enable a modal shift**, by providing access to maritime, rail, inland waterway and last mile road transport.

Sustainable & Smart Mobility Strategy: Flagship 2

Creating zero-emission airports and ports

*“Ports and airports are key for our international connectivity, for the European economy, and for their regions. In their **transition to zero-emission nodes**, the **best practices** followed by the most sustainable airports and ports must become **the new normal** and enable more sustainable forms of connectivity. Ports and airports should become multimodal mobility and transport hubs, linking all the relevant modes. This will improve air quality locally thereby contributing to improved health of nearby residents. Inland and sea ports have a great potential to become new **clean energy hubs** for integrated electricity systems, hydrogen and other low-carbon fuels, and testbeds for waste reuse and the circular economy.”*

NAIADES III (action plan for 2021 – 2027)

*“The Commission will launch a study on the **impacts that the port activities of selected river and sea ports can have on the environment**. The study will develop and implement specific tools, such as **Environmental Management Systems**, as well as port-specific action plans creating a nucleus for wide-scale roll-out of **environmentally sustainable port management and operations**.”*

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Objectives, scope and timeline

Objectives

- Identify and evaluate the **factors affecting the sustainable development of inland ports**
- Propose **solutions** for the implementation of **green objectives paired with their economic development**

Geographical scope

- All TEN-T inland ports
- Connecting seaports where inland waterway transport is concerned

Timeline

- November 2022 – November 2025
- 9 regional workshops and a final conference

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General methodology and approach

Task 1 – Environmental impacts and Efficiency and Transition

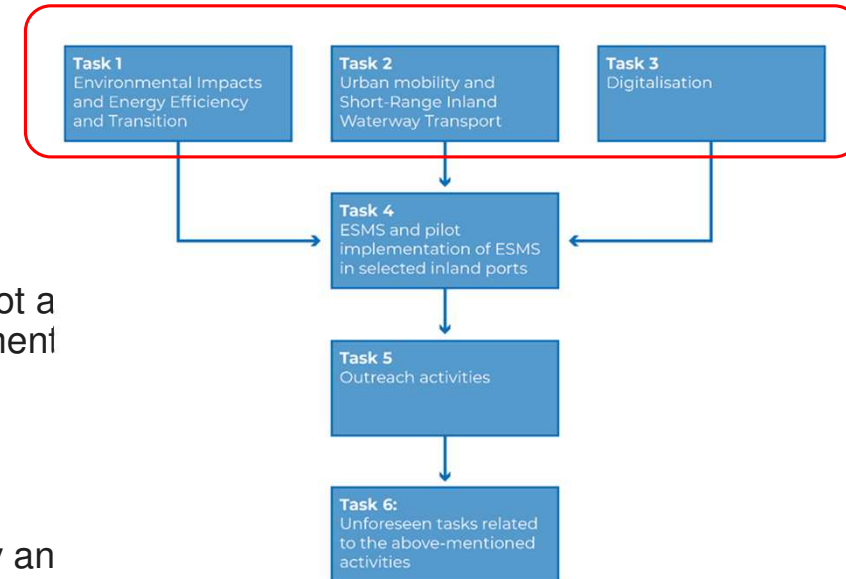
- Document environmental effects, related legislation and which effects are not a & the impediments in implementing sustainable management and development

Task 2 – Urban mobility and Short-Range Inland Waterway Transport

- Identify possibilities of adopting inland waterway transport for urban mobility an distance transport

Task 3 – Digitalisation

- Assess the role of digitalisation and propose solutions

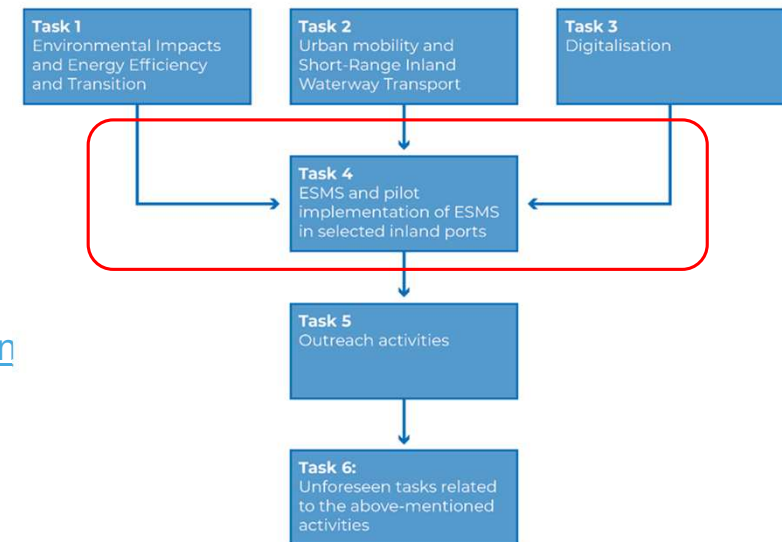


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General methodology and approach

Task 4 – ESMS and pilot implementation in selected ports

- ESMS = Environmental and Sustainable Management Systems
- Identification of the potential implementation projects
 - Call for expression of interest: <https://green-inland-ports.eu/invitation-for-in-join-the-project-in-the-pilot-phase/>
 - **10 pilot ports** where we will apply and test the ESMS tools
- Participation in the pilot phase
 - We help you to better understand your environmental impact
 - We provide you with tools to monitor and improve your environmental performance
 - You contribute to the outcomes of this project and the future European policy agenda
- Timeline of your contributions:
 - Engaged in first discussions starting the second half of 2024
 - Formal kick-off: January 2025, duration: 8 months



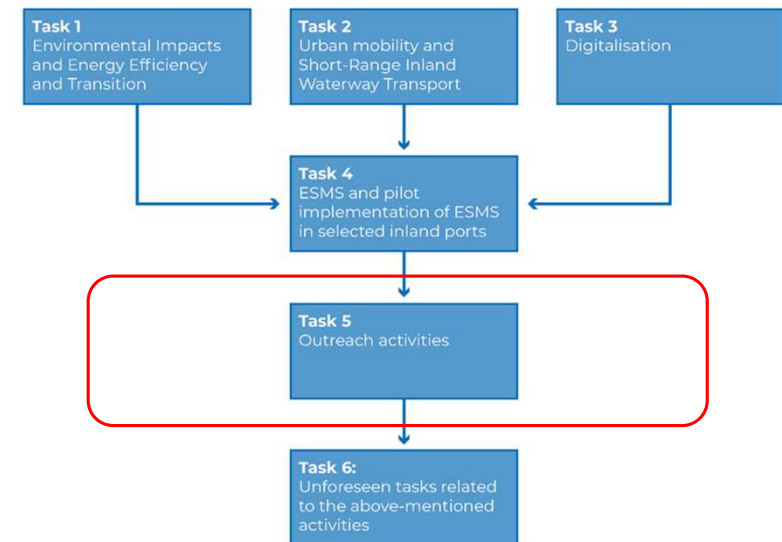
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General methodology and approach

Task 5 – Outreach activities

- Knowledge sharing and identification of best practices
- 3 **Survey** rounds in 3 years
 - 1st Survey: completed first half 2023
 - 2nd Survey: first months of 2024
- Multiple **interview** rounds
- 9 **regional workshops** in 3 years
 - Workshop 1: 19 October – Belgrade –with the EFIP Executive Committee meeting
 - Workshop 2: 23 & 24 November – Vienna – Danube Ports Days
 - 4 Workshops in 2024
- **Functional mailbox:** greeninlandports@ecorys.com



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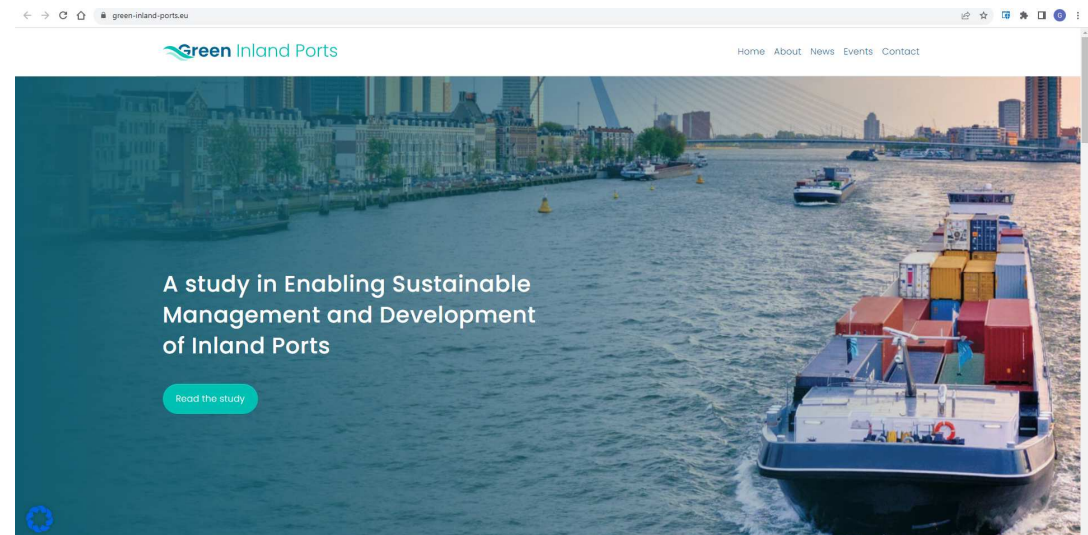


General methodology and approach: outreach and consultation

Consultation: regional workshops and a final conference:

First stop: Belgrade – with the EFIP Executive Committee meeting

Please visit our website: <https://green-inland-ports.eu/>



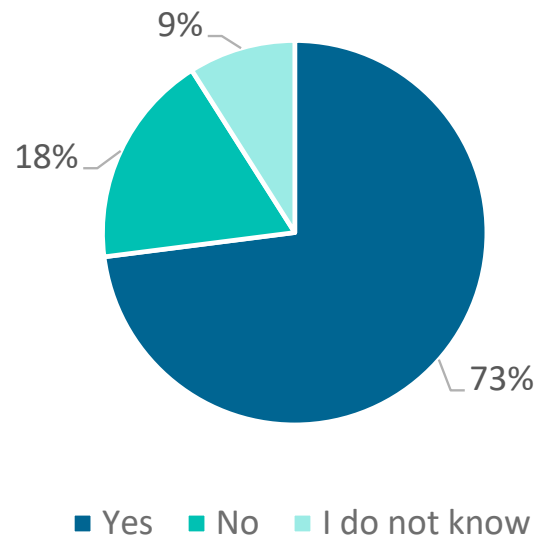
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Results from the survey – Existence of legislation to report on port's environmental impact

Have measure(s) been implemented by you or others to reduce the environmental impact of the inland port



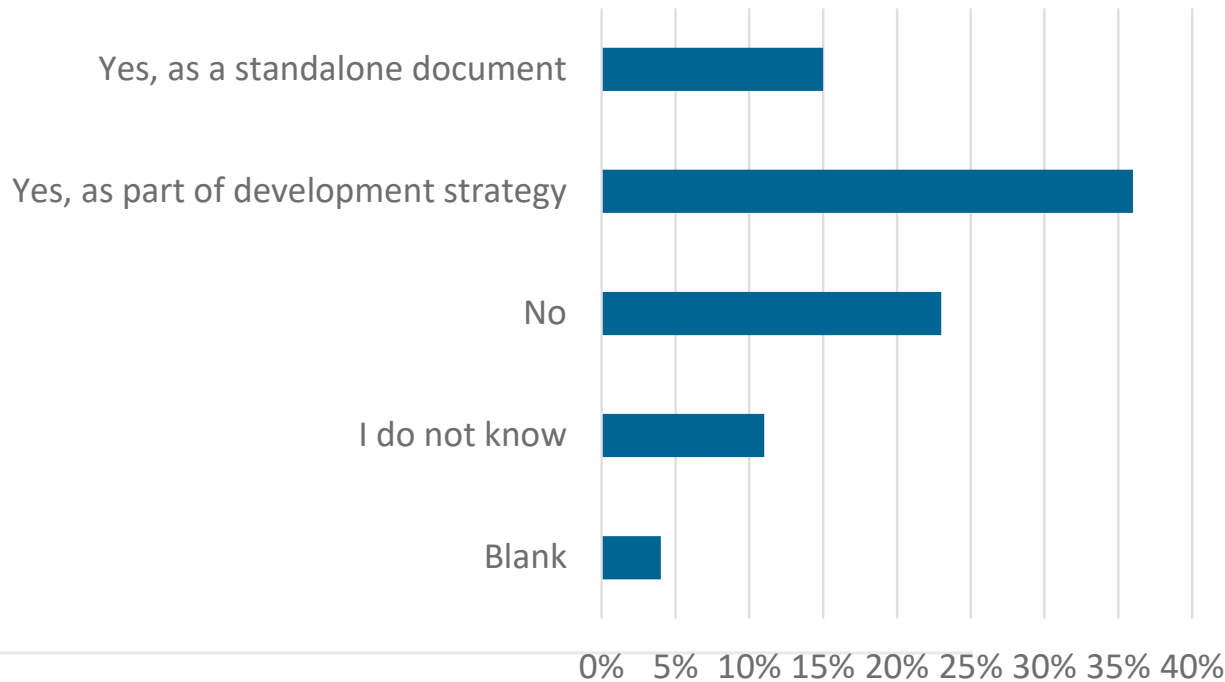
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Results from the survey - Digitalisation strategy in ports

Existence of port digitalisation strategy



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 **Green Inland Ports**

 **Funded by
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Q&A

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An aerial photograph of a river town. A long barge with a blue cabin is moving down the river, leaving a white wake. The town is built on a peninsula, with houses, a church, and a school. The surrounding hills are covered in trees with autumn foliage.

GREEN INLAND PORTS STUDY: THE ENVIRONMENTAL IMPACT OF PORTS

Interactive session 1