

An aerial photograph of an inland port facility. The port is situated along a wide waterway that leads to a larger body of water. Several large cargo ships are docked at the piers. The surrounding area includes industrial buildings, parking lots, and some residential structures. The sky is filled with dramatic, dark clouds, suggesting a late afternoon or early morning setting.

Environmental Performance Mapping for Inland Ports
Jasper Tanis, Senior Consultant in Transport & Infrastructure and
Mobility, Ecorys

Policy context – Need for guidance and tools

- Pilot project study proposed by the **European Parliament** and implemented through the **European Commission**
- 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.”

NIADES 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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Green inland ports project outcomes – Guidance and tools

Green inland ports is developing solutions to support inland ports in their crucial role to enable the green transition as zero-emission and multimodal hubs

Task 1 – Environmental impacts and Efficiency and Transition

- Port Environmental Impact Calculator - Calculation tool for 18 types of environmental impacts

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

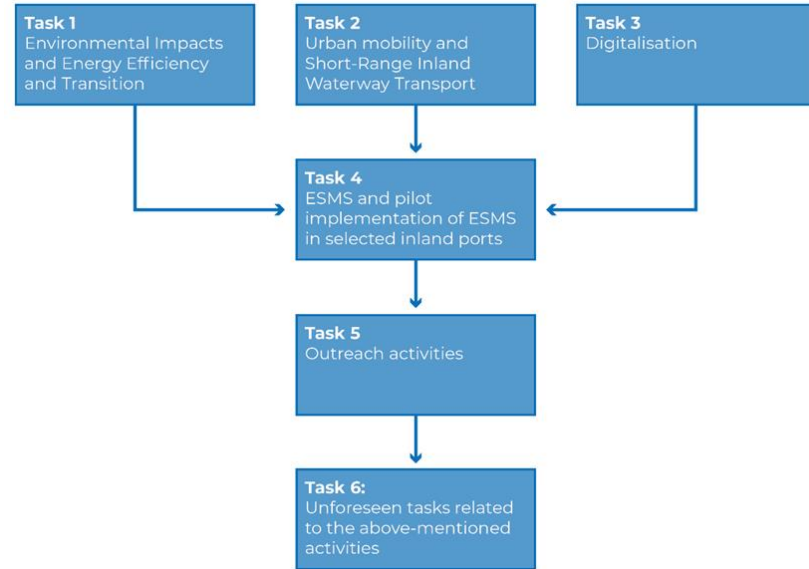
- Quantified estimation of the roll-out potential for urban and short-range freight IWT and potential impact from modal shift

Task 3 – Digitalisation

- Digital Maturity Assessment Tool – a tool to assess the digital maturity level laying the foundation for digitalisation guidelines

Task 4 – ESMS and pilot implementation of ESMS in selected inland ports

- Implementation of Environmental and Sustainable Management Systems (ESMS):
 - Solutions to overcome environmental challenges and reduce environmental impacts
 - Pathways for sustainable development of inland ports



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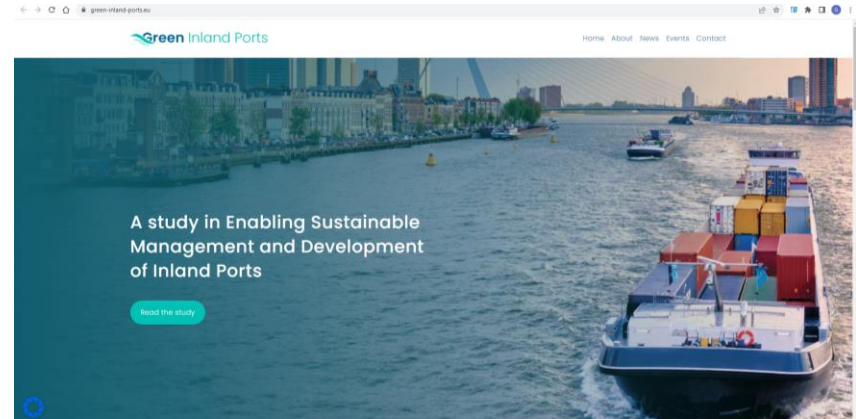
Next steps for testing & validation

Next week 7 November: Interactive workshop at the port of Brussels & online for testing with inland ports & incorporate feedback

Events in 2025: Focused on the implementation of Environmental and Sustainable Management Systems, stay tuned!

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

Tools will be made available at the project website



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