

### **Green Inland Ports**

ESMS pilot application Relevance for the "Joint Statement of the Danube Port Authorities and Ports Stakeholders

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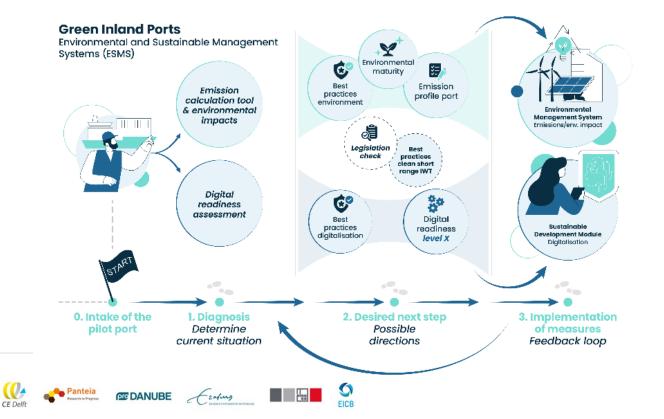




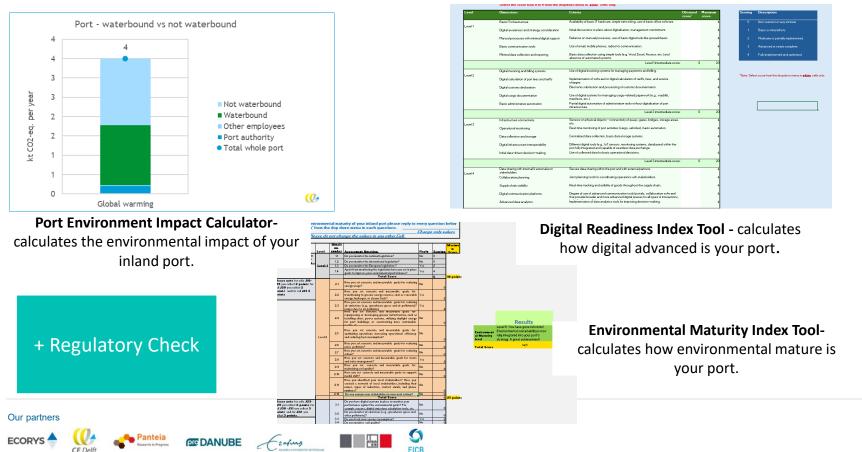
### **The GRIP-ESMS**

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# Green Inland Ports



#### Sreen Inland Ports



### Why to become a pilot?

- By becoming a pilot port, you can :
  - Achieve the benefits of an ESMS.
  - Provide input and be among the first that apply a system that has the potential to become an industry standard.
    - Experiences in the pilot phase will be used to improve and finalise the ESMS.
  - ✤ Gain visibility with the Commission.
  - Get assistance with the measures described in the Joint Declaration.









### **Relevance of GRIP – ESMS to the Joint Declaration**

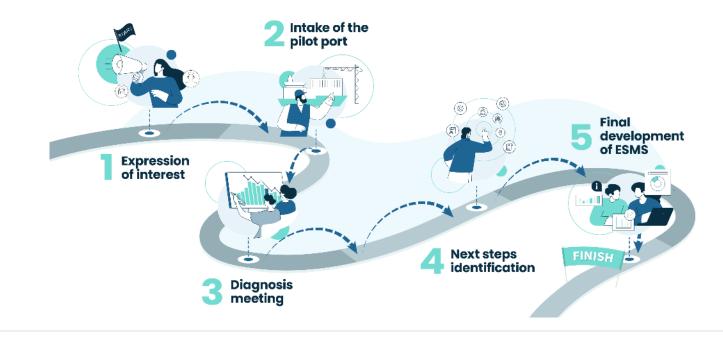
- **1.** Identify, assess and monitor the environmental impact  $\longrightarrow$  Env. calc. tool, EMIT, best development of actions via the GRIP-ESMS
- 2. Develop and implement ESMS -> Application of the GRIP ESMS
- 4. Facilitate the implementation of **alternative and renewable fuels infrastructure** *Best* practices, development of actions via the GRIP-ESMS
- 5. Support **urban and short-distance IWT** → Best practices, roll-out potential, development of actions via the GRIP-ESMS
- 7. Opportunities from **digitalization** of port management and operations —> *DMIT, roadmap, development of actions via the GRIP-ESMS*







### How to become a pilot port?





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### **Mentimeter session**

- The next mentimeter questions reflect the **pillars** around which the five levels of the Environmental Maturity Index Tool are structured.
  - Level 1 : Monitoring of the legislation.
  - Level 2: The inland port has set sustainability goals.
  - Level 3: The inland port monitors and reports its progress on the goals.
  - Level 4: Port has implemented sustainability actions.
  - Level 5 : Sustainability is fully embedded in the corporate plan.

Calls G5: G47 Pla	asa da i	aat ah s	nge the values in any other Cell.	Change	<u>e anto e</u>	alues		
		<u>Muesti</u> Ob				Maximu		
Points ease note for cells J5 to	Level	number	Assessment Question	Reply	Scoring	Score		
lease note for cells JS to 7 you collect <b>3 points</b> for all J8 you collect <b>4 points</b>	Level 1	1.1	Do you monitor the national legislation?		0			
		1.2	Do you monitor the international legislation?	No	0			
		1.3	Do you monitor the European legislation ?	Yes	2			
		1.4	Apart from monitoring the legislation have you set in place goals to improve your environmental performance?	Yes	4			
			Total Score		6	10 points		
tesse auto (or collo J10- J19 pro collect 2 pointer (or collect 2 pointer (or collect 2 pointer 3 pointer	Lovel 2	2.1	Have you set concrete and measurable goals for reducing energy usage?	No	0			
		2.2	Have you set concrete and measurable goals for transitioning to greener energy sources, such as renewable energy, hydrogen, or cleaner fuels?	Yes	2			
		2.3	Have you set concrete and measurable goals for reducing air emissions (e.g., greenhouse gases and air pollutants)? (only refers to air pollution) mave you set concrete and measurable goals for	Yes	2			
		2.4	repurposing or developing greener infrastructure, such as installing shore power systems, utilizing daylight energy for port buildings, or constructing more sustainable featibilities.	No	0			Results
		2.5	Have you set concrete and measurable goals for optimizing operations, increasing operational efficiency and reducing fuel consumption?	No			Environment al Maturity level	Level 5: You have gone full circ Environmental sustainability is fully integrated into your port's strategy. A great achievement
		2.6	Have you set concrete and measurable goals for reducing noise pollution?	No			Total Score	32,5
		2.7	Have you set concrete and measurable goals for reducing odour?	No	0			
		2.8	Have you set concrete and measurable goals for waste and water management?	Yes	2			
		2.9	Have you set concrete and measurable goals for maintaining soil quality?	No				
		2.10	Have you set concrete and measurable goals to support modal shift?	No				
		2.11	Have you identified your local staksholders? Have you created a network of local staksholders, including their names, types of industries, contact emails, and phone numbers?	No				
		2.12	Do vou enasae vour stakeholders in vour aoal settina? Total Score	No	0			
ease note for cells J23-		-	Total Score Do you have digital systems in place to monitor your		6	25 points		
lease note for cells J23- 29 you collect 2 points for II J30 -J31 you collect 3 oints and for J32 you ollect 5 points.		3.1	Do you have digital systems in place to monitor your performance against the environmental goals? For example sensors, digital emissions calculation tools, etc.	No	.			
		3.2	Do you monitor air emissions (e.g., greenhouse gases and other pollutants)?	No				
		3.3	Do you track your energy consumption?	Yes	2			







### **Mentimeter questions**

- Question 1: How would you describe your inland port's current progress towards achieving the goals of the European Green Deal? (Choose one answer)
  - We have set clear goals but are yet to take action.
  - We have set goals and are actively monitoring our performance.
  - We have set goals monitor performance and have measures in place to achieve them.
  - We are still learning about the Green Deal's requirements for our port.
- Question 2: What are the main environmental goals your inland port has set for the next few years? Can you please mention up to 3 goals that apply? (For example, reduce air emissions by 50% by 2030)







### **Mentimeter Questions**

- Question 3: Which of the following environmental impacts do you measure at your inland port? (Select all that apply)
  - Air quality and CO2 emissions.
  - Energy consumption and renewable energy usage.
  - Water usage and waste management.
  - Noise pollution levels.
  - Odor levels.
  - Soil quality.
- Question 4: What key measures are being implemented (or planned to being implemented) to improve your inland port's environmental performance? Can you please mention up to 3 measures?(For example electrification of port equipment, development of alternative fuel infrastructure (LNG, hydrogen), shore electricity supply for vessels to reduce emissions)





### If you have not already, you will be hearing from us soon with an invitation to become a pilot port !!!







## **THANK YOU !** For more info please visit: https://green-inland-ports.eu/

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