

ESPO 2021 GREEN GUIDE

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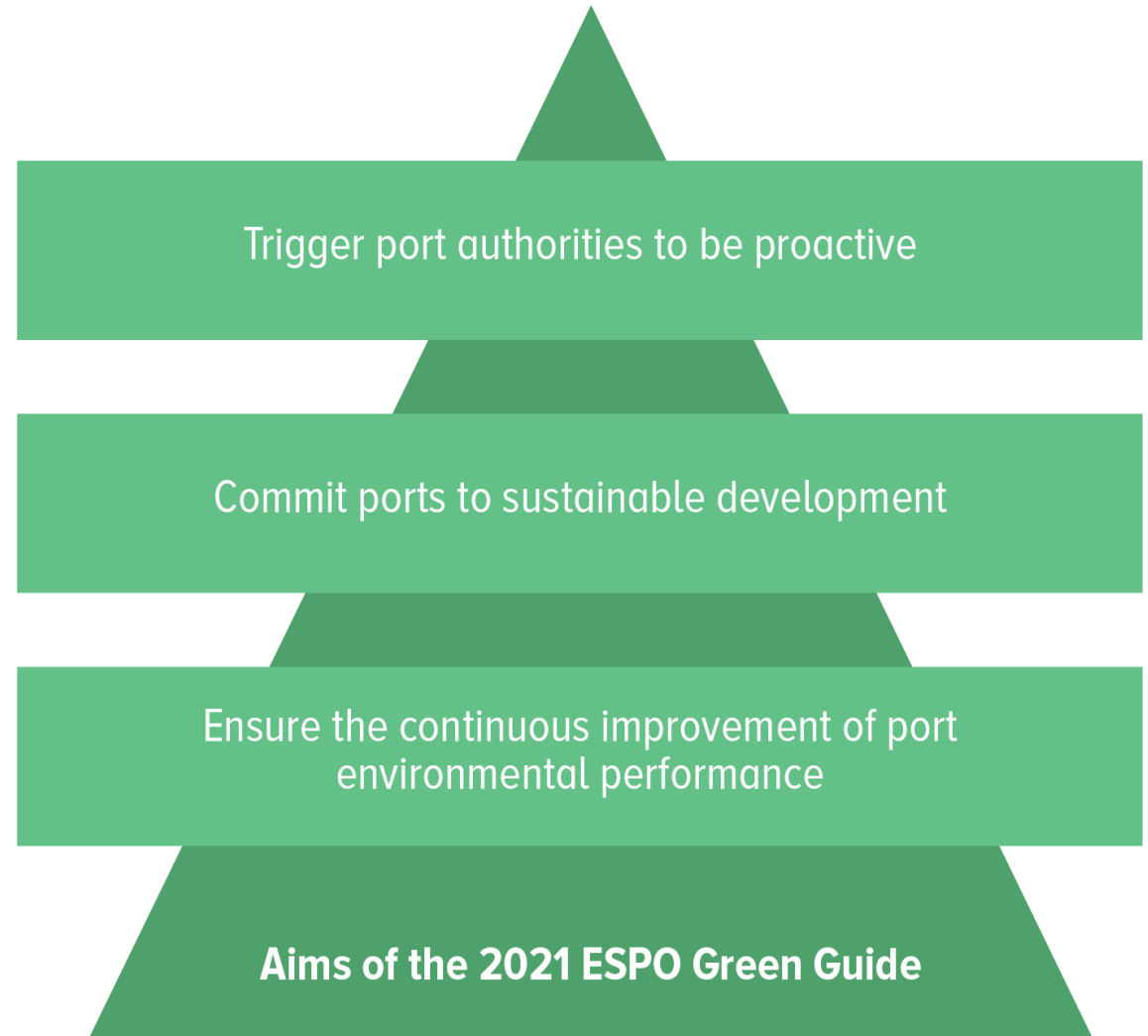


ESPO Conference Regatta 2021

Setting the scene: Environmental issues are on top of the agenda for European ports



The 2021 ESPO Green Guide – a handbook for greening



**PROVIDING GUIDANCE FOR
GREENING**
IN THREE DISTINCT SECTIONS

1, 2, 3

PORT GOVERNANCE

THE DIFFERENT ACTORS
OPERATING IN
THE PORT AREA

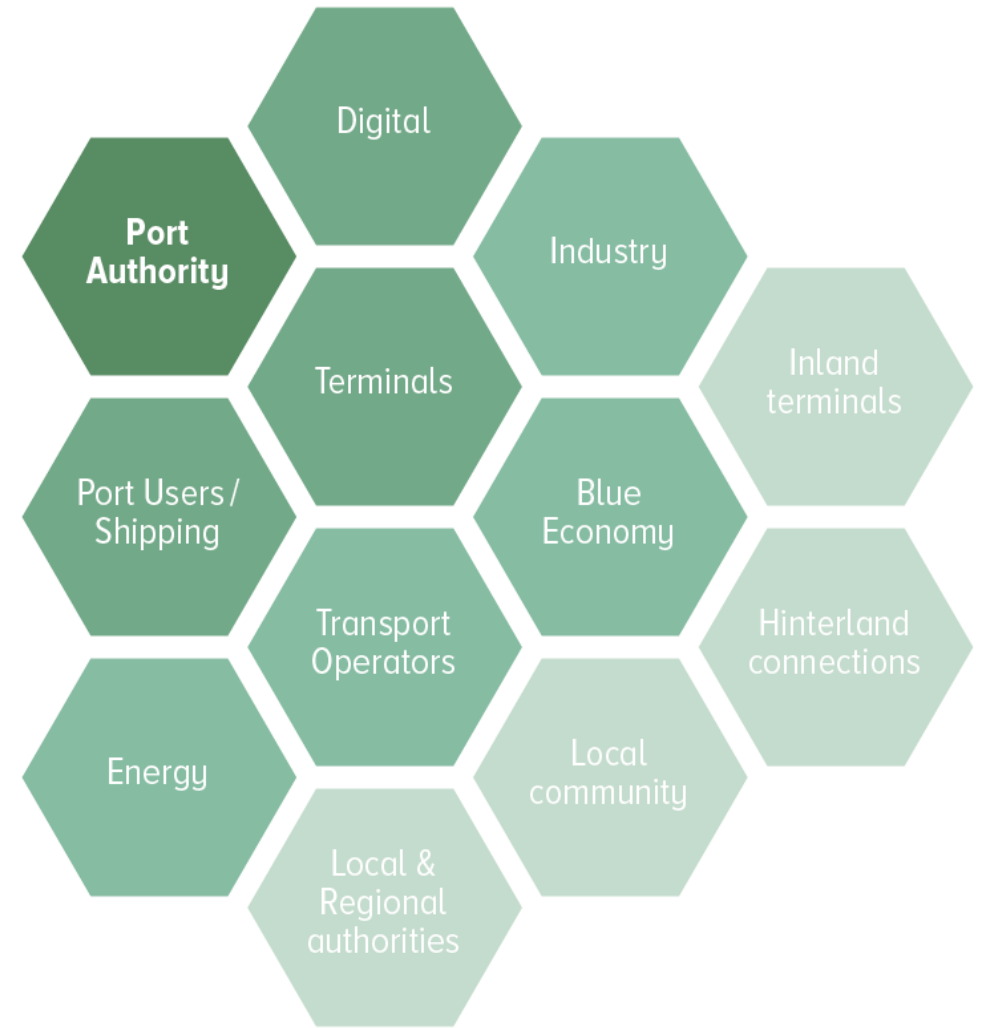
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The different activities and responsibilities of European Ports

- Gateways to the world
- Essential nodes of the multimodal transport chain
- Hotspots for Europe's industrial activity
- Nodes of energy
- Safe and secure shelters
- Hubs of innovation and digitalisation
- Linking Europe's peripheral regions and islands to the mainland
- Essential part of an emergency supply chain and facilitators of military mobility
- Key players in the transport of passengers
- Clusters of blue growth



Port Governance – The different actors operating in the port area



European Ports are complex entities engaged in various activities and fields, where their influence and ability to affect greening varies.

Therefore, achieving the goal of "greening the port" and the wider port area will require significant cooperation between the port authority and port stakeholders.

It will also require different solutions and approaches depending on the stakeholders involved.

VISION
PORT AUTHORITIES
AS PART OF
A GREEN FUTURE

2

Developing a vision, setting ambitions, and providing the tools.

Good Green Practices

Vision

Ambition

Roadmap

Tools

Legislative overview



Vision – Ports as part of a green future



What ports could be, and how they could contribute in a green future.

A declaration of intent based on the Top 10 environmental priorities of European ports, and the ESPO European Green Deal Roadmap.

Key characteristics of European ports – they are:

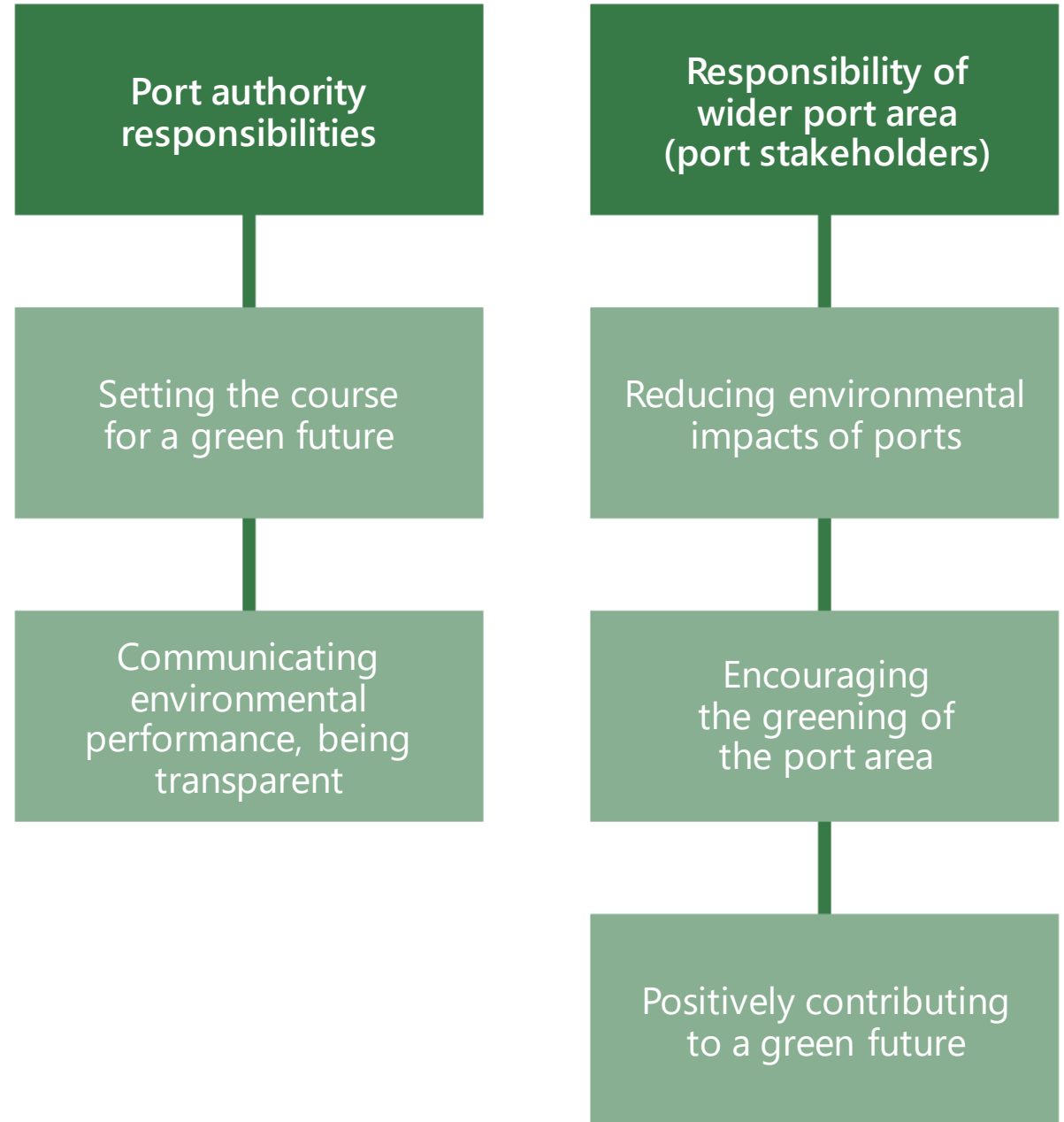
- **Partners**
- **Engaged and involved**
- **Communicative**
- **Contributing**
- **Cooperating**
- **Transparent**

European ports' ambitions to prepare for a green future

- Means to deliver on the vision
- Based on ESPO Top 10 environmental priorities of European ports
- Take into account the European Green Deal ambitions and the UN Sustainable Development Goals.
- The commitments and goals outlined in the ambitions do not prevent port authorities from going even further.



European ports' ambitions to prepare for a green future in 2025, 2030 and beyond



A green individual Roadmap – a port-specific checklist

- A bottom-up exercise
- Provides pathways and perspectives for individual ports
- Intended to get greening process going, and to encourage ports to do more
- Promoted by ESPO in 2012 Green Guide, ESPO European Green Deal position, and subsequent policy positions



Steps for a port-specific roadmap

1. **Measure:** Make an inventory of the environmental status of the port
2. **Prioritise:** Identify environmental, climate, and sustainability priorities (challenges and opportunities)
3. **Set your targets:** Identify what you want to achieve and set targets
4. **Tools and tasks:** Identify tools, stakeholders and measures
5. **Share:** Share your plan and make it part of the DNA of the port
6. **Time it:** Develop tangible steps
7. **Monitor:** Keep an eye on implementation, follow up, and communicate results internally
8. **Communicate:** Engage in external communication



Overview of greening tools available to port authorities



- There are a number of tools that ports can use for greening.
- The choice of tools is very much linked to the responsibilities and roles of European port authorities, and the field of intervention.
- **The tools available to port authorities include:**
 - hard legislation,
 - norms and rules,
 - investments and tendering,
 - cooperation,
 - promotion and encouragement of greening in the port area and wider port community.

GREENING
EUROPE'S PORTS
TWO PILLARS

3

I: Mitigating negative externalities

- Ports are where a lot of emissions and pollution come together.
- This includes air pollution, greenhouse gases, noise and other negative environmental impacts
- Nonetheless, port authorities have small environmental footprints of their own.

→ Therefore, greening “the port” means mitigating and addressing negative externalities stemming from all stakeholders active in the port area.



II: Positive contribution to greening

Ports are contributing in a positive way to greening Europe's economy, and society as a whole.

- Ports are important producers and providers of clean energy solutions;
- They are key players in the blue economy (offshore, sustainable cruise);
- Ports are hubs for circular economy;
- They are situated in key areas for biodiversity;
- Ports are committed to strengthening port-city relationships.



OUR GOOD GREEN PRACTICES

ALL

Energy & Fuels

Climate & Air

Port & City

Waste & Circular

Environment & Biodiversity

LIST OF PRACTICES

First onshore power supply (OPS) charging station in Poland at the Port of Gdynia
Energy & Fuels | 19 May 2021

Port of Oostende: ISHY project (implementation of hybrid shipping)
Climate & Air | 19 May 2021

Nest boxes for birds and bats at the Port of Le Havre (HAROPA)
Environment & Biodiversity | 06 May 2021

LOOP-Ports

Waste & Circular | 06 May 2021

Lowestoft Eastern Energy Facility (LEEF)
Energy & Fuels | 06 May 2021

Waste Water Treatment Facility at Kiel's Ostseekai
Waste & Circular | 06 May 2021

Annex – Overview of relevant legislation for ports



The 2021 Guide provides an overview of relevant:

- EU legislation
- International commitments (UN SDGs, IMO)

The overview provides a starting point for environmental work on the level of individual ports.

Legislation is categorised according to issue area (waste and circularity, research and funding, noise, alternative fuels, etc).

Recognises responsibilities and limits to the influence of port authorities.

Could be updated to help ports keep track of relevant legislation over time.

ESPO 2021 GREEN GUIDE

*A handbook developed by ports, for ports
towards a green future*



Thank you!



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