Energy transition in maritime transport – objectives and constraints

Medports Association – 25 June 2019
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
- Key players in the transport of passengers
- Essential part of an emergency supply chain and facilitators of military mobility
- Clusters of blue growth

PORTS ARE MULTITASKERS
DECARBONISATION: ALL HANDS ON DECK

Europe must support investments that implement the decarbonisation and climate adaptation strategy of the port

Ports can be the spider in the web for guiding Europe’s economy through the energy transition

Europe must monitor the implementation of the IMO CO2 target for shipping: 2023 is a milestone

Avoid legislation that prevents the port sector to adapt to the continuous technological innovation

Strategies must be reviewed in the light of the EU 2050 long term strategy for a Climate Neutral Economy
AIR QUALITY AT THE HEART OF THE PORT-CITY RELATIONS

A gradual but mandatory transition plan to cleaner fuels must be developed: plan must deliver on both air quality and decarbonisation.

Start the discussion on the implementation of an EU Emission Control Area (ECA) in close cooperation with all relevant stakeholders.

Chicken/egg: policy measures on the port side should be accompanied by corresponding measures for the users.

Tax exemption for onshore power supply for vessels is needed.

Prompt and harmonised approach on liquid discharges from scrubbers is needed.
Top 10 environmental priorities of European ports for 2018

1. Air quality
2. Energy consumption
3. Noise
4. Relationship with local community
5. Ship waste
6. Port development (land related)
7. Climate change
8. Water quality
9. Dredging operations
10. Garbage / Port waste
48 billion EUR investment needs in ports in coming 10 years

Source: ESPO study - THE INFRASTRUCTURE INVESTMENT NEEDS AND FINANCING CHALLENGE OF EUROPEAN PORTS - 2018
<table>
<thead>
<tr>
<th>Percentage</th>
<th>Method</th>
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<tbody>
<tr>
<td>2%</td>
<td>Through a non-mobile installation?</td>
</tr>
<tr>
<td>26%</td>
<td>By truck?</td>
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<tr>
<td>6%</td>
<td>By barge?</td>
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Thank you

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