

# GREENING OF EU PORTS

## ROADMAP MAIN ELEMENTS

### STEP APPROACH

#### POLICY AND TARGET SETTING

##### 1 AWARENESS OF LEGISLATIVE CONTEXT

- Proper and timely overview of existing and anticipated legal and institutional frameworks affecting ports in the short-, mid- and long-term.
- Mandatory and voluntary international, EU, national and regional frameworks.
- Covers economic, operational, environmental, technological and governance aspects.
- Mitigate legal risks associated with port operations. *(legal analysis)*

##### 2 MOTIVATION

- Establish port vision with specific environmental goals.
- Cultivate stakeholder commitment to the environmental goals.
- Inspire a collective sense of purpose and dedication to green initiatives to comply with requirements and/or improve factors beyond legislation. *(legal analysis)*

#### MEASURE ASSESSMENT AND PRIORITISATION

##### 3 BASELINE ASSESSMENT

- Analyse current situation and understand the current environmental status of the port.
- Identify operations related to environmental aspects and impacts, and determine the areas needing improvement.
- Evaluate air and water quality, energy use, waste generation, noise levels.
- Consider factors extending beyond port boundaries impacting port conditions. *(operations, aspects & impacts)*

##### 4 STAKEHOLDER ENGAGEMENT

- Gain insights on current and anticipated future port conditions.
- Ensure broad support and collaboration for green initiatives.
- Understand and prioritise issues to be tackled.
- Build agenda for collaborative initiatives, to involve required stakeholders, such as industry, technology providers, environmental agencies, local communities.

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##### ALIGNMENT AND COORDINATION

- Ensure the port's action plan is consistent with other relevant plans and strategies.
- Identify potential synergies and complementarities, avoid conflicts.
- Develop a coordinated planning framework, identify corresponding plans and engage stakeholders.
- Regularly review and update plans to reflect new developments. *(good practices)*

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##### IMPLEMENTATION PLAN ROLLOUT

- Detailed description of actions to implement selected scenarios.
- Ensure effective execution and monitoring of the plan for specific actions, objectives and results to be achieved.
- Involve managerial and technical experts.
- Develop testing and validation requirements. *(good practice)*

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##### STRATEGIC SOLUTIONS ACTION PLAN

- Outline prioritised solutions with environmental benefits.
- Ensure economic viability and operational efficiency and assess greening potential.
- Produce action plan for selecting and implementing good practices.
- Strategic concept document and implementation pathway with activities, timelines, resources and responsibilities. *(good practices)*

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##### EVALUATION FRAMEWORK

- Assess environmental impacts, to prioritise efforts and select good practices for greening port operations and infrastructures.
- Select appropriate solutions and assess their feasibility.
- Set targets for proposed actions.
- Use methods for assessing effectiveness. *(operations, aspects & impacts)*

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##### RESOURCES AND BUDGET

- Secure necessary resources and funding.
- Develop comprehensive plan for securing necessary resources and funding to support implementation.
- Ensure cost-effective implementation and financial sustainability.
- Access human, financial and other resource needs. *(good practices)*

#### MONITORING AND REPORTING

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##### PERFORMANCE ASSESSMENT AND REPORTING

- Assess effectiveness of implemented initiatives.
- Use performance data to inform decision-making and ensure long-term sustainability.
- Set KPIs and gather quantitative and qualitative data.
- Conduct regular performance review and compile assessment reports. *(operations, aspects & impacts)*

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##### MONITORING PLAN

- Establish system for continuous oversight and assessment of port's environmental performance.
- Implement a comprehensive monitoring system to track environmental indicators.
- Monitor compliance with regulations.
- Engage stakeholders in feedback sessions and plan adjustments. *(operations, aspects & impacts)*

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