

Building a Modern Maritime Economy

Designing and Operating Sustainable and Future-Ready Ports

Digitalisation & Sustainability

- Operational Efficiency
 - Automation
 - Energy Efficiency
- Enhanced transparency
 - Predictive Maintenance
 - Digital Twins & Triplets
- Supply Chain Integration
 - Intermodality
 - PCS & NMSW

Adapting to Requirements

- Vessel Size Developments
 - Port Access
 - Port Operations
- Circular Economy
 - Shared Resources
 - Sustainable Infrastructure
- EU Corporate Sustainability Reporting Directive
 - 6 of 9 Planetary Boundaries crossed in 2023
 - Shipping and Ports contribute 3% to GHG, total transport 20%

Best Practices & Lessons Learned

Hamburg, Rotterdam, Antwerp

- Smart Port Solutions
- Diversifying Services
- Green Port Solutions
- Skilled Workforce
- Partnerships
- Research and Innovation