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GREEN PORTS WEBINAR SERIES

Why social license to operate & materiality are becoming critical to port competitiveness, investment readiness, and resilience





GREEN PORTS DEVELOPMENT IN SOUTHEAST ASIA

- Ports are no longer judged only on throughput and efficiency.
- They are judged on how responsibly they operate within communities, ecosystems, and global supply chains.





ENVIRONMENTAL IMPACTS OF PORTS AND SHIPPING



- Environmental impacts are visible, measurable, and increasingly linked to social acceptance and financing.



THE DILEMMA FOR THE PORT AUTHORITY



- It may not necessarily be directly or **legally responsible** for the activities, products and services of the logistic chain,
- But its **overarching** administrative role, **Ownership of the estate** (land and water) Permanency of **operational presence**,
- means that the **PORT** is the obvious point of contact and the **readily identifiable** player for any **environment related issues** in the whole port area – including per se its hinterland



HOW 'GREEN' IS BEING DEFINED

- Green” ≠ “Sustainable”
- Green initiatives often focus narrowly on environmental performance
- ESG requires balance between economic, environmental, and social outcomes.





HOW GLOBAL PORTS ARE RESPONDING

Global port organizations are converging on ESG and sustainability frameworks.



Alliance of the Ports of Canada, the Caribbean, Latin America and the United States





TOP 10 ECO PRIORITIES OF EUROPEAN PORTS

PRIORITY	2016	2018	2020	2022	2024
1	Air quality	Air quality	Air quality	Climate change	Climate change
2	Energy consumption	Energy consumption	Climate change	Air quality	Energy efficiency
3	Noise	Noise	Energy efficiency	Energy efficiency	Air quality
4	Relationship with the local community	Relationship with the local community	Noise	Noise	Noise
5	Garbage / Port waste	Ship waste	Relationship with the local community	Water quality	Port development
6	Ship waste	Port development (land-related)	Ship waste	Relationship with the local community	Ship waste
7	Port development (land-related)	Climate change	Water quality	Ship waste	Garbage / Port waste
8	Water quality	Water quality	Garbage / Port waste	Garbage / Port waste	Water quality
9	Dust	Dredging operations	Dredging operations	Port development (land-related)	Relationship with the local community
10	Dredging operations	Garbage / Port waste	Port development (land-related)	Dredging operations	Water-related port development



SHORT, MEDIUM, AND LONG-TERM STRATEGIES

- Social license and materiality are strategic assets - ESG maturity is a journey.
- In the short term, ports can establish environmental policies, EMS frameworks, and monitoring systems.
- In the medium term, alignment with ISO standards, clean energy investments, and incentive structures become critical.
- In the long term, sustainability becomes a strategic differentiator — influencing competitiveness, financing costs, and resilience to climate risk.
- Materiality helps ports prioritize — focusing limited resources on issues that matter most to stakeholders and financiers.



Thank you.

