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Trade Facilitation
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Sustainable and resilient transport and trade facilitation in times of pandemic and beyond: key challenges and opportunities

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Key challenges for sustainable development of ports

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Key challenges for sustainable development of ports

Overview

1. Risk and resilience
2. Data collaboration
3. Energy transition
4. Sustainable development
5. Conclusions and reflections
Increasing resilience potential

Monitor
- Understanding what is going on around us
- The situational awareness
- Short term

Anticipate
- Understanding what is going to come
- Imagining the possibilities
- Long term

Learn
- Learning from inside and outside
- First order learning
- Second order learning

Respond
- Relevant and effective
- Timely but only when necessary
- Competencies and resources

Source: Vanlaer 2021
Source: World Bank / IAPH 2021
Ports as decarbonisation hubs

Source: DNV-GL and Eurelectric (2020)
Demonstrating global leadership of ports in contributing to Sustainable Development

Conclusions and reflections
• Disruption is becoming ‘business as usual’. Resilience management and business continuity planning are a must for critical infrastructures such as ports.
• Digitalisation of the maritime sector is lagging behind, lack of trust between stakeholders in data sharing is the prime barrier to overcome.
• Decarbonisation ambitions are increasing, leading to regional disparities amidst uncertainty about fuel choice and funding.
• Energy transition offers multiple opportunities for ports, certainly for those that are in energy trade.
• An integrated approach to sustainability is emerging in the port sector, but it is still far from standard practice.

• Will globalisation make (some) way for regionalisation? How will this affect supply chains?
• Is the economies-of-scale business model of global shipping and logistics still valid?
• Has the landlord port governance model reached its expiration date? Should port authorities become more entrepreneurial?
• Has the single-port governance model reached its limits? Will we see more far-reaching forms of cooperation?
• Are port labour arrangements adapted to the digital and automated era?
• Is there a need for global regulation of the port sector?
Thank you!