

Short courses on key international economic and development issues
for delegates from Permanent Missions

Geneva, 2 February 2021

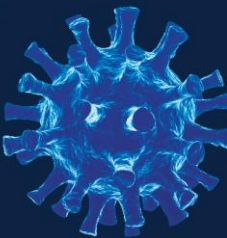
The UNCTAD Review of Maritime Transport 2020: Global trends and lessons learned from the pandemic

Maritime transport services and infrastructure supply

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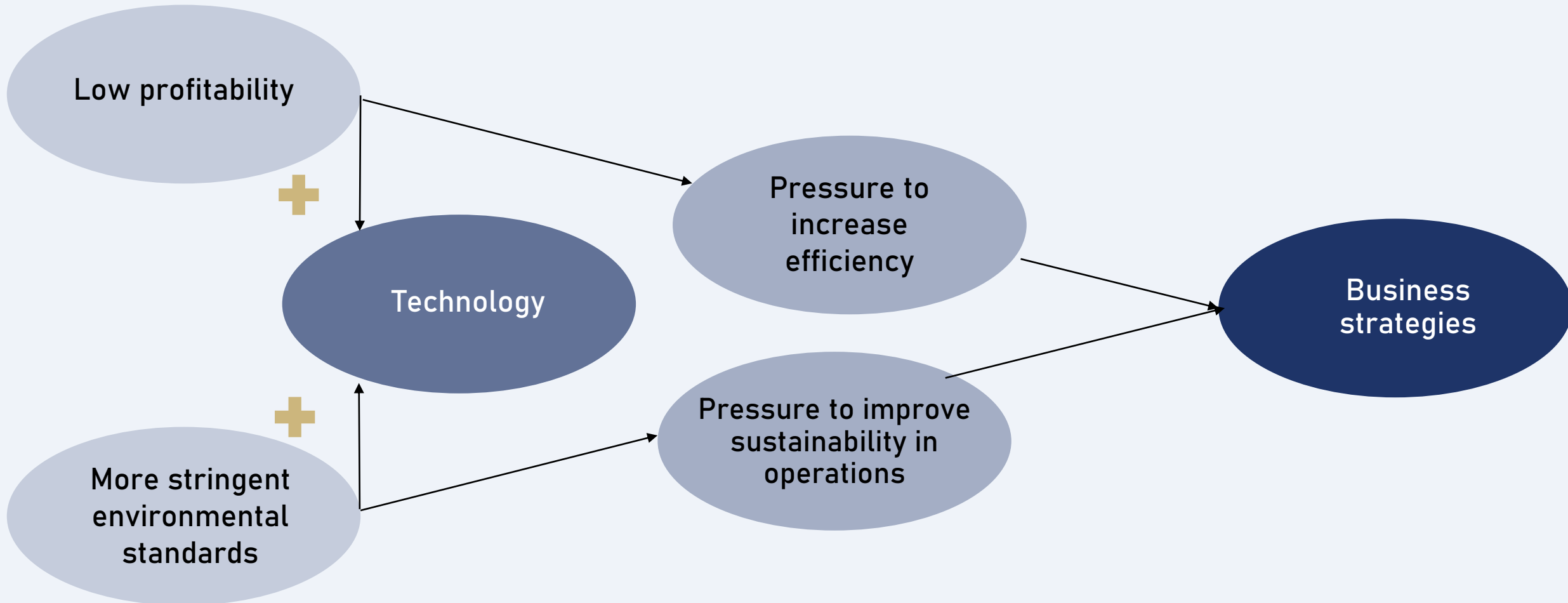
REVIEW
OF MARITIME
TRANSPORT

2020





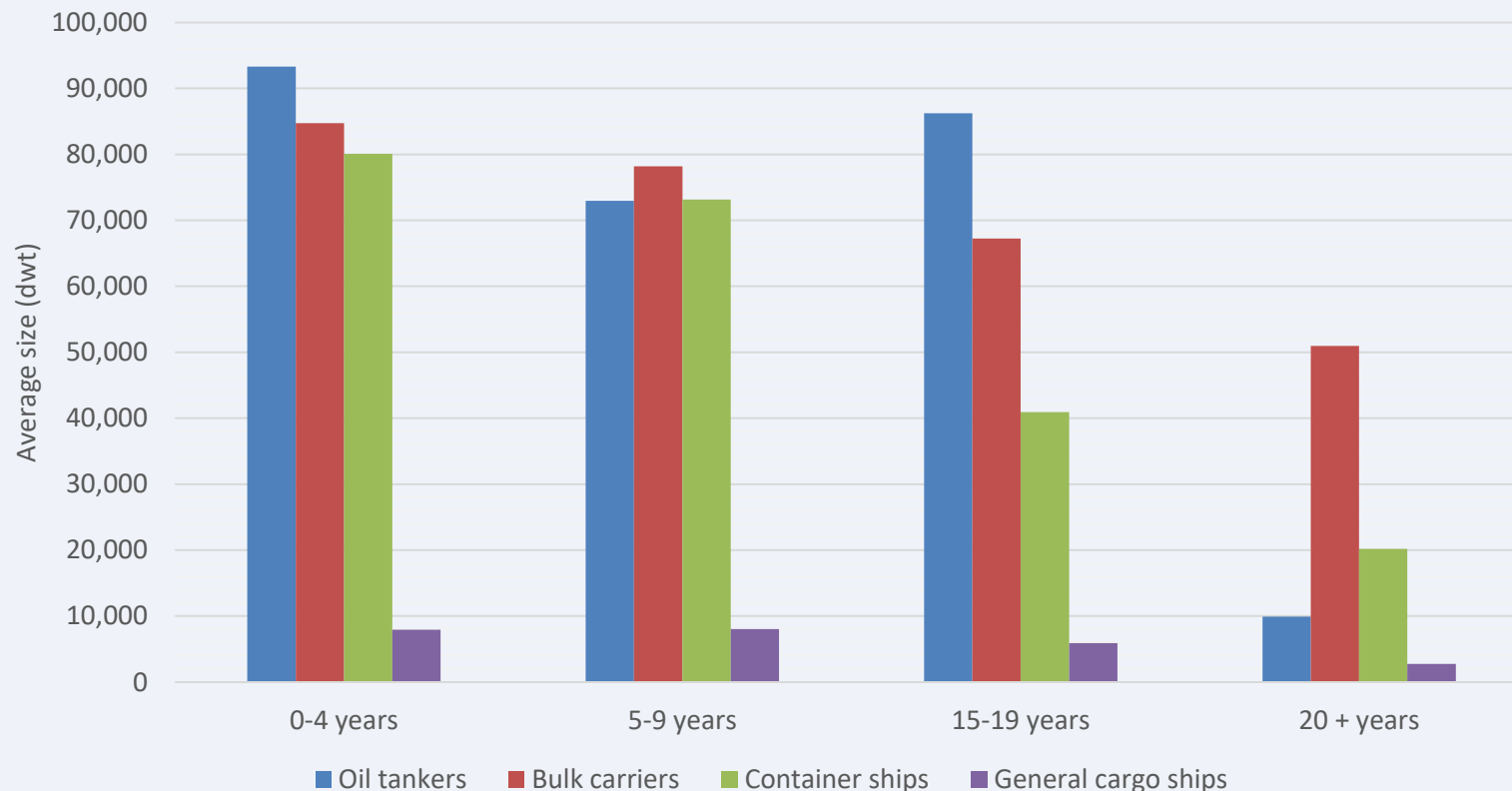
Main drivers shaping the supply of maritime transport





Maritime trends: Increasing ship sizes

Average vessel size and age distribution selected vessel types 2020



Average vessel sizes

Ships built **20 years ago** Ships built **in the last 4 years**

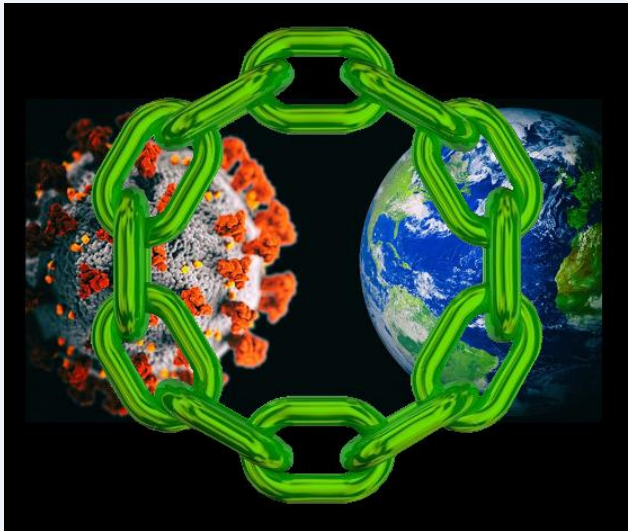
Oil tankers 9 times bigger
Container ships 4 times bigger
General cargo ships 3 times bigger
Bulk carriers twice as big

Source: UNCTAD secretariat calculations, based on data provided by Clarksons Research

Ship deployment rethink in the aftermath of COVID-19?

Accelerated reconfiguration of global value chains

- Reshoring →
- Regionalization →
- Shorter & less fragmented value chains
- Shorter but not less fragmented



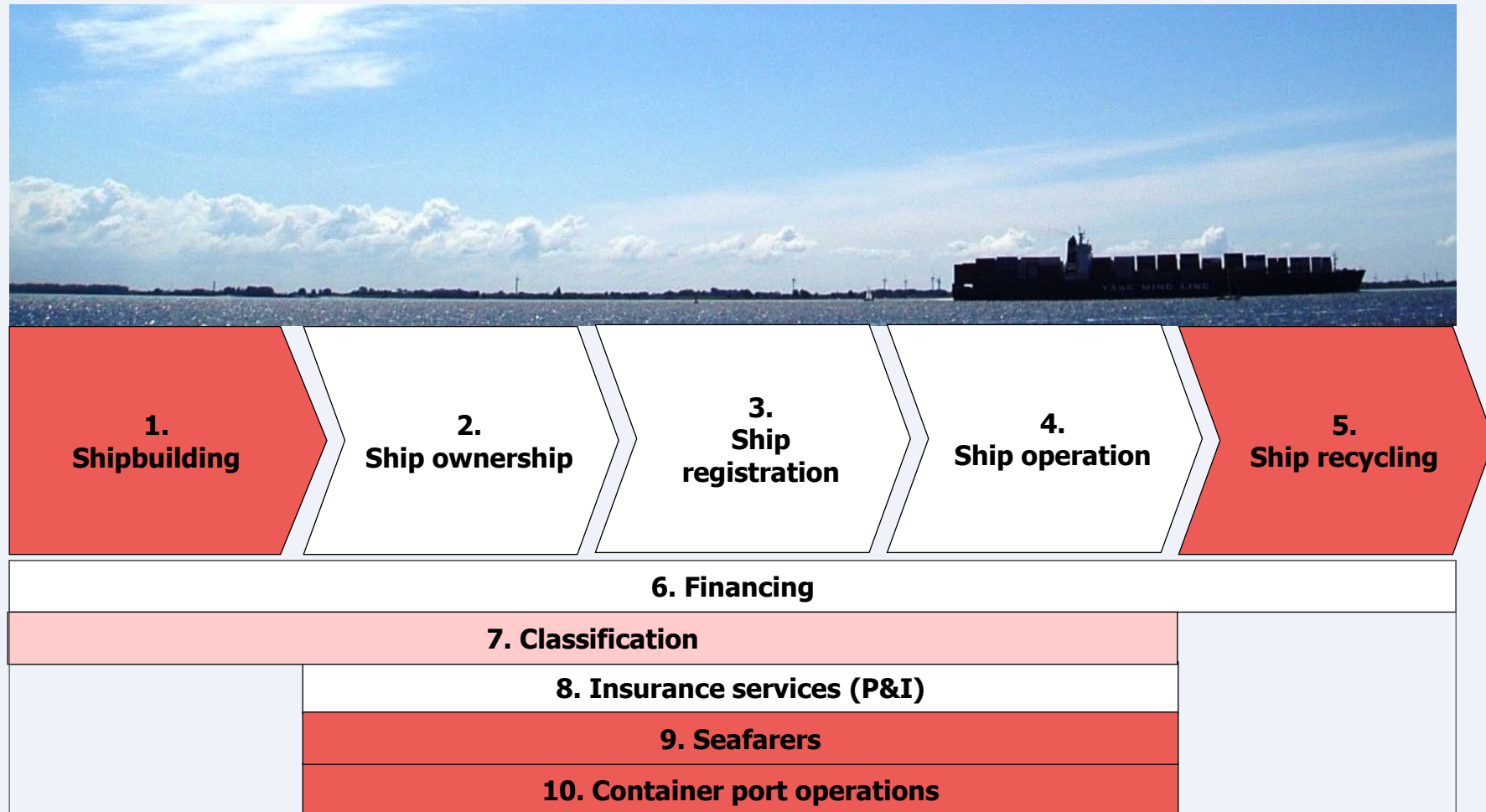
From “Just-in-Time” to “Just-in-Case”

- Inventory management
 - Multimodal options
 - Port diversification strategy
- ↳
- Lower deep-sea cargo volumes?
 - Megavessels
 - Deployment patterns
 - Port logistics



Human labour in maritime and COVID-19 disruption

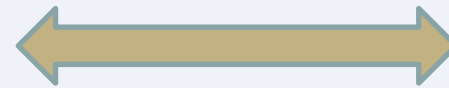
The maritime supply chain



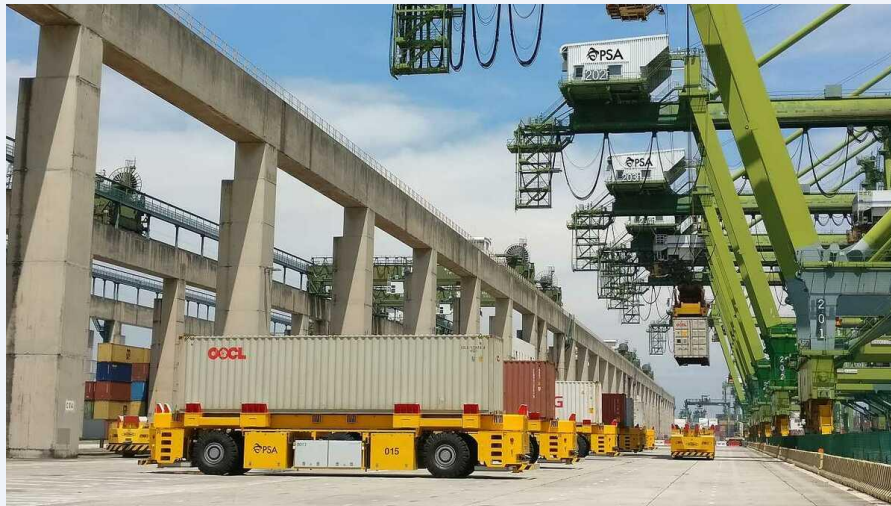


Accelerating digitalization in the aftermath of COVID-19

Continuity of operations
The operational dimension



Safety of the workforce
The human dimension



Technology as a key component of strategies to increase resilience



1. Trade Facilitation
2. Digital processes
3. Automation



Lessons learnt from the pandemic: building resilience

- **Country perspective**

- Short-term priorities
 - Job creation
 - Boosting economic activity
- Long-term objectives
 - Sustainable recovery
 - Climate-proof infrastructure
 - Emerging technologies

- **Business perspective**

- Collaborative approaches in managing networks
- Improve data accessibility and transparency
 - New business opportunities/services emerging from data-centric models
- Decarbonization as an opportunity – but how?