IMO-UNEP-Norway Innovation Forum 2022

Financing new technologies for greener shipping



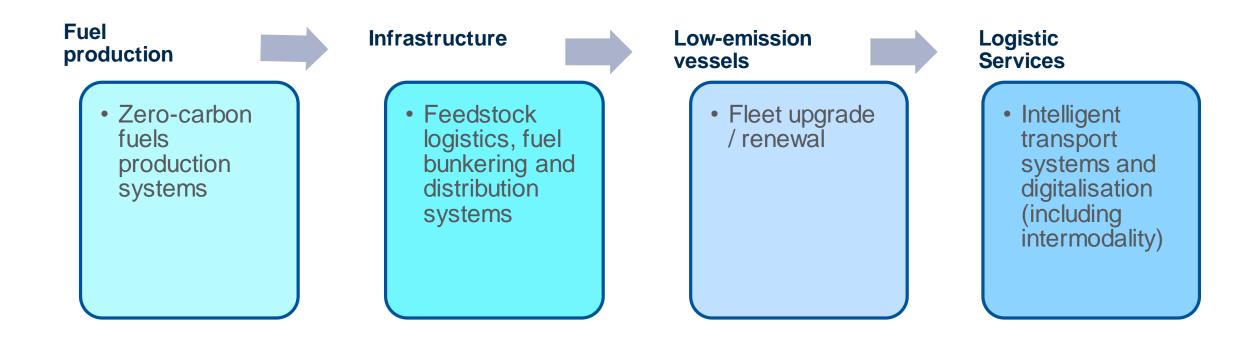
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- **Technology:** first mover risks, lack of consolidated standards, capex intensity, compliance requirements.
- **Expertise:** availability of expertise in the financial sector, lack of LT finance, lack of data.
- **Structural:** asset backed financing solutions are challenging and split-incentive risks, lack of LT off-takers.
- Capacity: many shippers are relatively small and do not have any ESG rating on which sustainable financing could be based on.
- **Price signals:** limited pricing benefits for green financial instruments.









Investment > US\$ 1.5 trillion



- Sectoral and value chain decarbonisation roadmaps to identify timing/entity of investments and align interest of project developers and investors/financiers
- Corporate planning, decarbonisation strategies and climate risk management
- Low-carbon standards and certification
- International/national partnerships (e.g. FINSMART, RLCF Alliance)
- Focused financial products (e.g. SLL, SLBs, Transition Bonds)
- LT offtake agreements (e.g. CFD)
- **Concessional finance** (e.g. guarantees), particularly to support early movers and pilots
- Carbon markets



- An international platform set up by IMO in 2020 in collaboration with EBRD and WBG comprising regulators, operators, technology providers and financiers.
- The FIN-SMART Roundtable is a platform for regular dialogue among key maritime stakeholders to address the financial challenges related to the transition of shipping to a more sustainable and resilient future.
- Next phase: moving beyond knowledge sharing and discussion forum and act as an accelerator for pilot projects, R&D developments and application of innovative investment solutions (FINSMART Investment Forum).

