

Addressing Shipping GHG Emissions: Lessons from port-based incentives

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Structure

- Overview of instruments
- Impact of instruments
- Lessons and conditions



Overview of instruments

	Emissions	Ship design	Speed	Alternative fuels/energy
Port fee				
Procurement				
Berth allocation				
Carbon pricing				



Overview of instruments

	Emissions	Ship design	Speed	Alternative fuels/energy
Port fee		28 of top 100 ports	LA/LB NY/NJ	Singapore, NW Europe
Procurement				
Berth allocation		Panama Canal		
Carbon pricing	Shanghai			

Impact of instruments

- Virtually no impact studies
- Uptake mostly below 5%
- Most rebates between 5-20%
- Only 5 ports use index with important GHG component



Lessons and conditions

- Acknowledge role of ports
- Precedent of market incentives
- More focus on monitoring needed
- Higher rates of differentiation and polluter pays principle
- Focus on GHG emissions
- Harmonisation, common principles



Thank you

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