GREEN PORTS: The Starting Point
MARPOL implementation and enforcement in Latin America and the Caribbean

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Agenda

I. Regional growth in trade and shipping
II. Environmental concerns and governance
III. MARPOL implementation and enforcement
IV. Next steps
I. REGIONAL GROWTH IN TRADE AND SHIPPING
Growth in trade → more shipping

• Real GDP growth of 2% in Latin America and the Caribbean in 2018
• Many countries with annual GDP growth of over 5%
• CEPAL recorded a 6% growth in LAC shipping in 2017
Major trade routes in the region

• Panama Canal
• Caribbean and Central American transshipment
• Increase in Transpacific and Transatlantic traffic in South America
• Importance of intra-regional trade
II. ENVIRONMENTAL CONCERNS AND GOVERNANCE
Increase in shipping → increase in environmental pressures

- Oil pollution
- Air pollution
- Waste discharge
- Ballast water discharge
IMO/MARPOL

• Shipping is governed by IMO
• IMO adopted MARPOL convention and its six Annexes
• Flag-state control
• Port-state control
## MARPOL Ratification in Latin America and the Caribbean

<table>
<thead>
<tr>
<th>Annex</th>
<th>Subject</th>
<th>% Ratified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annexes I/II</td>
<td>Prevention of pollution by oil and noxious liquid substances in bulk</td>
<td>97%</td>
</tr>
<tr>
<td>Annex III</td>
<td>Prevention of pollution by harmful substances carried by sea in packaged form</td>
<td>83%</td>
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<tr>
<td>Annex IV</td>
<td>Prevention of pollution by sewage from ships</td>
<td>77%</td>
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<tr>
<td>Annex V</td>
<td>Prevention of pollution by garbage from ships</td>
<td>89%</td>
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<tr>
<td>Annex VI</td>
<td>Prevention of air pollution from ships</td>
<td>54%</td>
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</tbody>
</table>
III. MARPOL IMPLEMENTATION AND ENFORCEMENT
Difficulty of implementation and enforcement

• Lack of legislation to implement and enforce MARPOL at the national level
• Lack of infrastructure can make execution difficult
• Lack of readily available best practices and expertise
Importance of implementation and enforcement

- MARPOL is important for sustainability and resilience
- Environmental sustainability is important for many industries, including tourism and fishing
IV. NEXT STEPS
OAS/CIP, CARIBMEPA, and Hudson

• Joint survey conducted by OAS CIP, CARIBMEPA, and HudsonAnalytix
• Measure implementation and enforcement in Latin America and the Caribbean
• Identify specific implementation and enforcement challenges
• Serve as basis for development of an implementation and enforcement solution workshop
THIS SURVEY WILL ONLY TAKE FIVE MINUTES AND WILL HELP ME IMPROVE FUTURE FLOODS.