

 Early Warning System

IADB-RG-T4775

Pathways to Decarbonize Maritime Transport and Adapt Port
Infrastructure to Climate Change in LAC



Quick Facts

Countries	Colombia, Dominican Republic, Jamaica, Panama, Paraguay
Financial Institutions	Inter-American Development Bank (IADB)
Status	Approved
Bank Risk Rating	U
Voting Date	2025-07-24
Sectors	Climate and Environment, Energy, Infrastructure, Law and Government, Technical Cooperation, Transport
Investment Type(s)	Advisory Services
Investment Amount (USD)	\$ 0.25 million
Project Cost (USD)	\$ 0.25 million



Project Description

Maritime transport is an essential component of economic development in Latin America and the Caribbean (LAC). However, the sector is a significant contributor to greenhouse gas (GHG) emissions, exacerbating global climate change. In response to this environmental challenge, the International Maritime Organization (IMO) has formulated a strategy to curtail emissions from international shipping, presenting both obstacles and opportunities for the LAC region. This research seeks to examine viable pathways for the decarbonization of maritime transport in LAC, evaluate the ramifications of the IMO strategy, and propose policy recommendations for regional stakeholders to facilitate a transition towards sustainable maritime operations.

The proposed research on maritime transport decarbonization in Latin America and the Caribbean aligns with the IDB overarching priorities set for the region, which include promoting climate resilience, sustainable infrastructure, and economic competitiveness. By examining pathways for reducing greenhouse gas emissions in the maritime sector, the study supports evidence-based policymaking that can enhance regional resilience and sustainability.

Colombia: This study aligns with Colombia's IDB strategy by supporting climate change mitigation efforts and sustainable infrastructure development, particularly in the transport and logistics sector, which is critical for trade competitiveness.

Paraguay: Given Paraguay's focus on enhancing connectivity and improving trade logistics, this research supports efforts to modernize the transport sector while promoting environmental sustainability and compliance with international regulations.

Jamaica and DR: The study complements these countries' priorities in sustainable economic growth and climate resilience, particularly in its maritime sector, which is vital for trade, tourism, and food security.

Panama: As a key maritime hub, Panama's IDB strategy emphasizes sustainable infrastructure and green growth, making this research highly relevant for shaping policies that balance economic development with environmental commitments.

This study will analyze these multifaceted impacts and provide actionable insights that support a just and balanced transition towards a low-carbon maritime sector in LAC.

Research objectives:

- To explore technological, operational, and policy-driven decarbonization pathways suitable for the region.
- To analyze the economic, regulatory, and infrastructural implications of the IMO's strategy on maritime transport in LAC
- To formulate evidence-based policy recommendations for transport, energy and climate-change government authorities, fostering alignment with global decarbonization objectives while addressing regional economic and logistical constraints.



Investment Description

- Inter-American Development Bank (IADB)



Contact Information

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Bank Documents

- [Procurement Plan_67767](#)
- [Project Document - Disclosure_45739](#)
- [REOI BEO RG-T4775 \(EN\)](#)
- [REOI BEO RG-T4775 Rev](#)
- [Results Matrix_61676](#)
- [RG-T4775](#)
- [Terms of Reference_87453](#)