

CC LATIN AMERICA





## REGIONAL REFLECTIONS: CHALLENGES AND OPPORTUNITIES FOR INNOVATION AND DEPLOYING NEW SOLUTIONS

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## MARITIME TECHNOLOGY COOPERATION CENTRE FOR LATIN AMERICA







# OUTLINE



GENERAL REGIONAL REFLECTIONS AND MTCC LATIN AMERICA'S WORK CHALLENGES FOR INNOVATION AND DEPLOYING NEW SOLUTIONS IN LATIN AMERICA

OPPORTUNITIES FOR INNOVATION AND DEPLOYING NEW SOLUTIONS IN LATIN AMERICA



Working together to promote an Efficient and Sustainable Shipping







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## LATIN AMERICAN COUNTRIES

- 1. Argentina
- 2. Chile
- 3. Uruguay
- 4. Paraguay
- 5. Brasil
- 6. Bolivia
- 7. Perú
- 8. Ecuador
- 9. Venezuela

- 10. Colombia
- 11. Panamá
- 12. Costa Rica
- 13. Nicaragua
- 14. Honduras
- 15. Guatemala
- 16. El Salvador
- 17. México









Working together to promote an Efficient and Sustainable Shipping











## MTCC LATIN AMERICA CAPACITY BUILDING ACTIVITIES 2021

ZERO AND LOW-EMISSION

 $\mathcal Z$  INNOVATION FORUM

Reach & Participants

Promoting the adoption of new Technologies and the proper implementation of Regulations to fight climate change and its effects

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1972-2022

programme

### Maritime Big Data Management Centre Emissions and Maritime Operations Monitoring within Panama Territorial Waters

https://stats.mtcclatinamerica.com/					
Control of the second sec	Panama Maritim Efficiency and Sustaina		REFRESH DEVELOPER		UMIP
Date Filter31-12-201831-08-2020Dec 2018May 2019Oct 2019Mar 2020Aug 2020Vessel Type:Image: Colspan="2">Image: Colspan="2" Image: Colspan="2	24.1 hours <sup>Waiting Average</sup> Emissions Review	15,964 Operations	11.9 hours Service Average	15.24 m Canal Max Draught TFW	
		Gatun Lake		Level kg m <sup>-2</sup> s <sup>-1</sup> 16µ 14µ 12µ 10µ 8µ	SNF 🖄 🕁
	Panama *Shipping emissions Jan 2018 Mar 2018 CO2 emissions	from Copernicus Atmosphere Monitoring Service	Sep 2	<ul> <li>φ</li> <li>φ</li></ul>	United Nations Big Data









































# THANKS FOR YOUR KIND ATTENTION

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