

Organization of | More rights American States | for more people



Maritime & Waterways Developments – Challenges & Opportunities

Easter Chapter Annual Meeting

October 25 & 26, 2016 Ft. Lauderdale, Florida

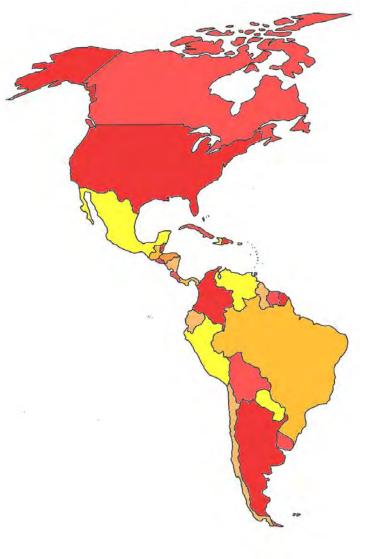


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Inter-American Committee on Ports #OAS_CIP #OEA_CIP <u>www.portalcip.org</u>





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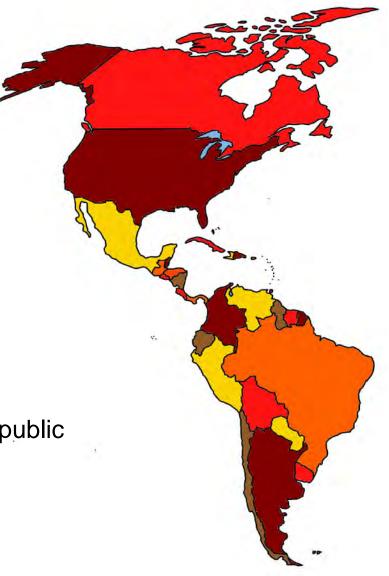
3.Ports and Waterways

Developments

4.Key Messages

OAS – CIP Member States

- 1. Antigua and Barbuda
- 2. Argentina
- 3. Bahamas
- 4. Barbados
- 5. Belice
- 6. Bolivia
- 7. Brazil
- 8. Canada
- 9. Chile
- 10. Colombia
- 11. Costa Rica
- 12. Dominica
- 13. Dominican Republic
- 14. Ecuador
- 15. El Salvador
- 16. Grenada
- 17. Guatemala



- 18. Guyana
- 19. Haiti
- 20. Honduras
- 21. Jamaica
- 22. Mexico
- 23. Nicaragua
- 24. Panama
- 25. Paraguay
- 26. Peru
- 27. Saint Kitts and Nevis
- 28. Saint Vincent and the Grenadinas
- 29. Saint Lucia
- 30. Suriname
- 31. Trinidad and Tobago
- 32. United States
- 33. Uruguay
- 34. Venezuela

The Inter-American Committee on Ports (CIP)

The CIP works towards the development of a more competitive, safe and sustainable port sector in the Americas.

Permanent Inter-American governmental forum at the highest level to strengthen Inter-American Port dialogue. 10th Meeting of the CIP, Montevideo, Uruguay, July 27-29, 2016



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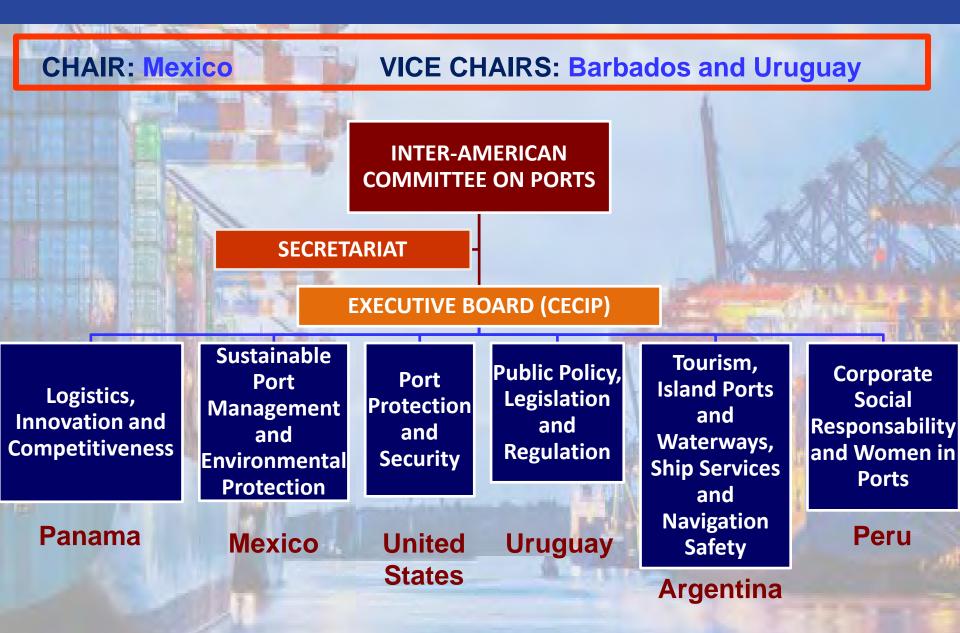
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Capacity Building to promote and improve technical and managerial skills of port officials.

3 Technical Assistance, Regional Cooperation and Associate members.

Dissemination and promotion of the Americas Ports , and Active cooperation and collaboration with the private sector.

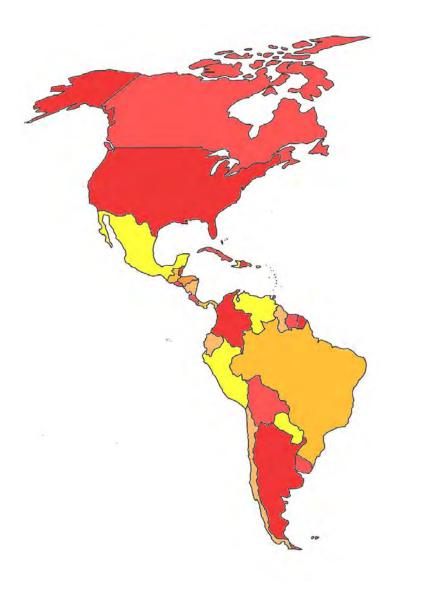
CIP Structure



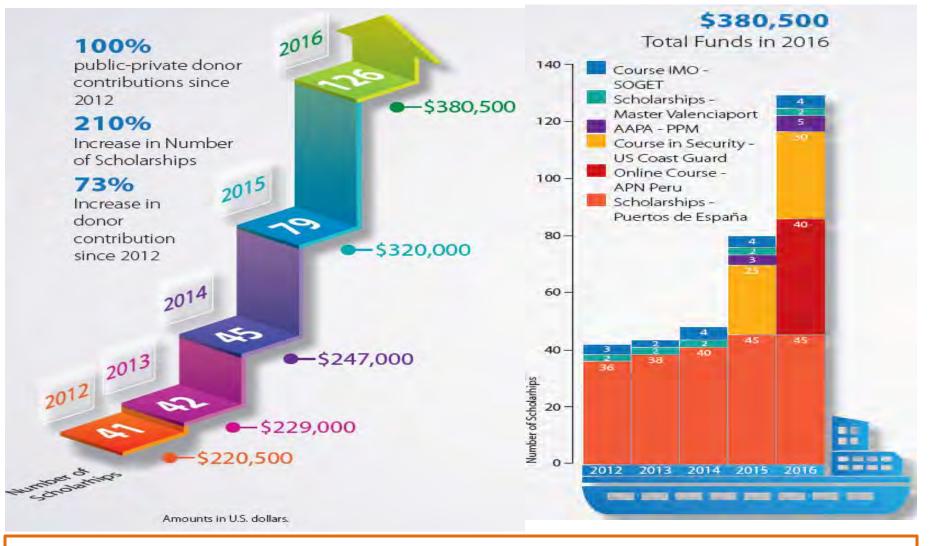
Associate Members







CIP Activities



The Strengthening and Capacity Building Program the S/CIP offers is entirely funded by cash and in-kind contributions (Specific Funds).

From 2014 to 2016, the number of scholarships increased from 45 to 126, an increase of 198%. The funds for the training program increased by 54%, from \$247,000 to \$380,500.

Sustainable Development





Member States and Associate Members of the CIPattachgreatimportancetomarineenvironmental protection, including:

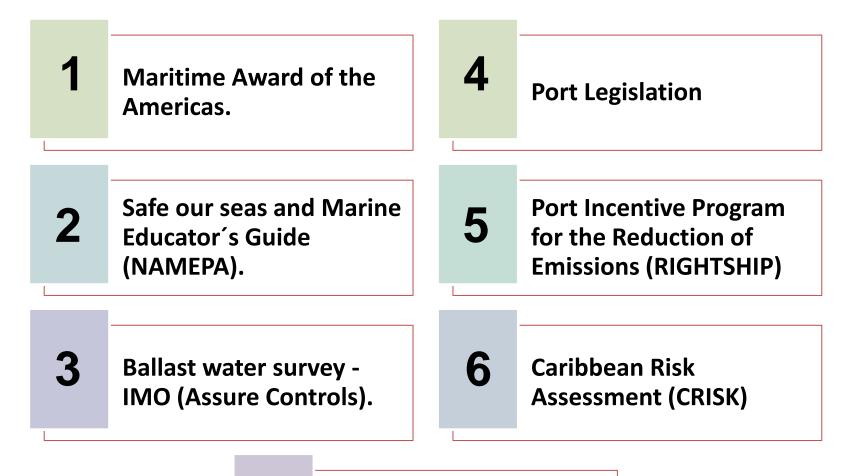
waste management,

energy efficiency and reduction of emissions,
port and marine disaster mitigation, as well as contingency and emergency response plans.

The CIP -OAS is committed to address these issues by raising awareness and contributing to increase technical and institutional capacities.



Some of our Activities



Connecting Ports in the Caribbean – Enhancing Maritime Security

Maritime Award of the Americas

To recognize successful innovative practices that demonstrate excellence, innovation and sustainability in the maritime and port sector of OAS Member States.



MARITIME AWARD OF THE AMERICAS

The CIP Secretariat organized the 1st edition of the Award in 2014 with **North American Marine Environment Protection Association** (NAMEPA), **Disaster Mitigation** of the Dept. of Sustainable Development of the OAS, the **Tourism Section** and the CSR Program of the OAS **Department of Economic Development**.

Maritime Award of the Americas 2016

Categories:

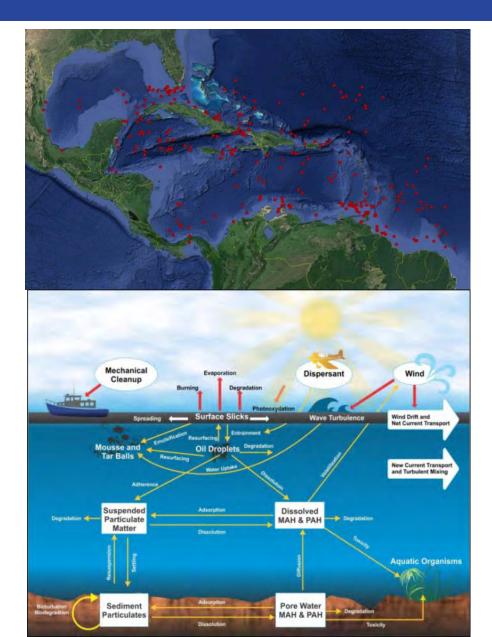


Caribbean Risk Assessment (CRISK)

- **300 ships** submerged with high risk potential.
- 151,000 to 1.2 million m3 fuel and other hazardous materials.
- Possible leaks put in risk the tourism economy, valuable ecological resources and fisheries in the Caribbean.
- US \$ 53 billion to US \$74 billion of the tourism economy is in







Port Legislation, Other



Model Port Law Guide

The Model Port Law identifies and describes 29 elements that port legislation should contain. The aim of the Model Port Law Guide is to establish the basic laws that the port sector currently requires to ensure legal safeguards and private investment.

Port Services Regulations: Dredging

Caribbean Cooperation Framework

Aiming to bring concrete benefits in the areas of port and maritime security to Member States of the CIP, by establishing a reliable and safe system of direct communication and by offering internationally recognized training programs.

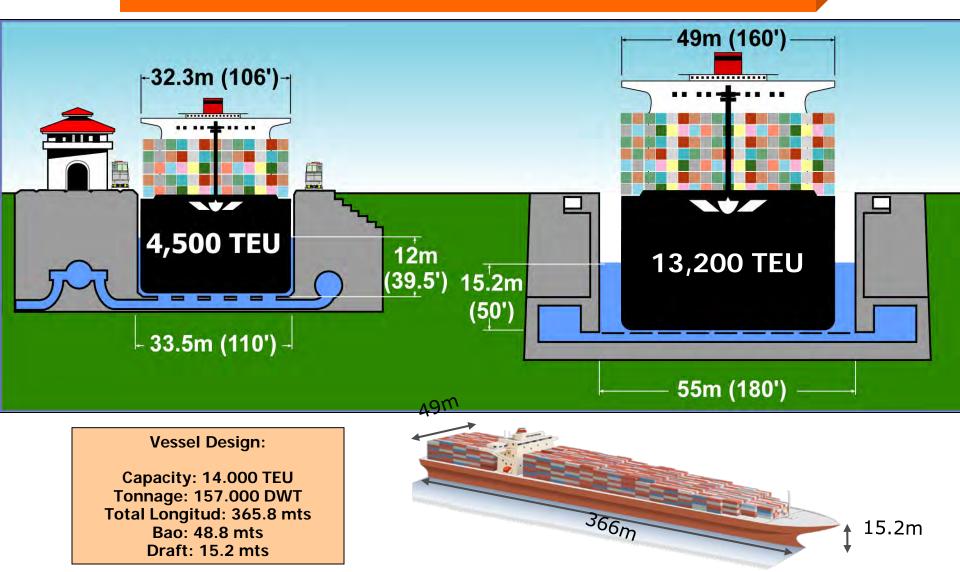




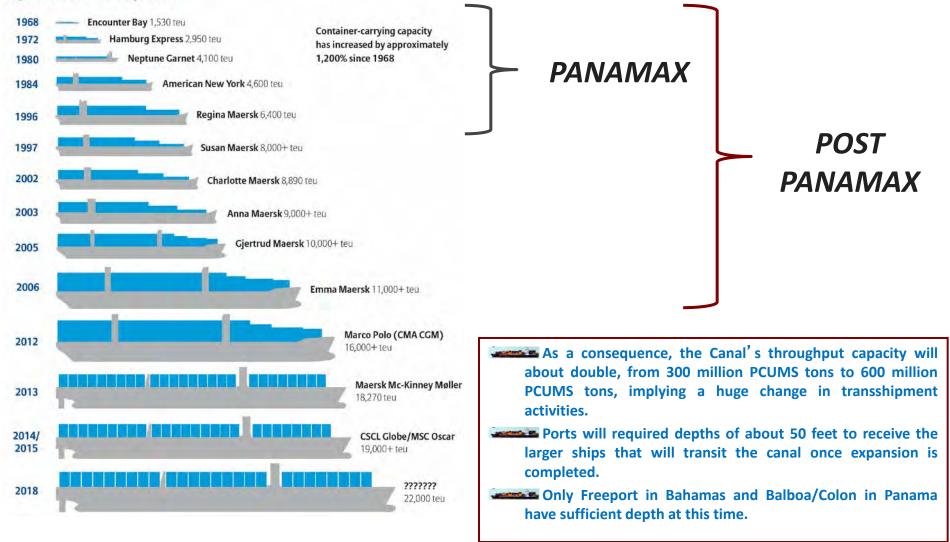
Ports and Waterways Developments

Panama Canal Expansion

However, vessels of 16, 18 and 20 thousand TEUs do not fit



50 years of Container Ship Growth



Source: Panama Port Authority; The Economist 2014.

Hanjin Shipping demise

Shipping companies have announced big losses, main reasons:

Global Financial Crisis
 Shifting in manufacture
 Mega vessels

Hanjin Shipping demise

1) Lower demand than expected

container ships were ordained when trade was in expansion, before the crisis

2) Expansion of the offer

economies of scale - larger vessels and more efficient

3) Technological Change

(i) High fixed costs (\$150 million each vessel)

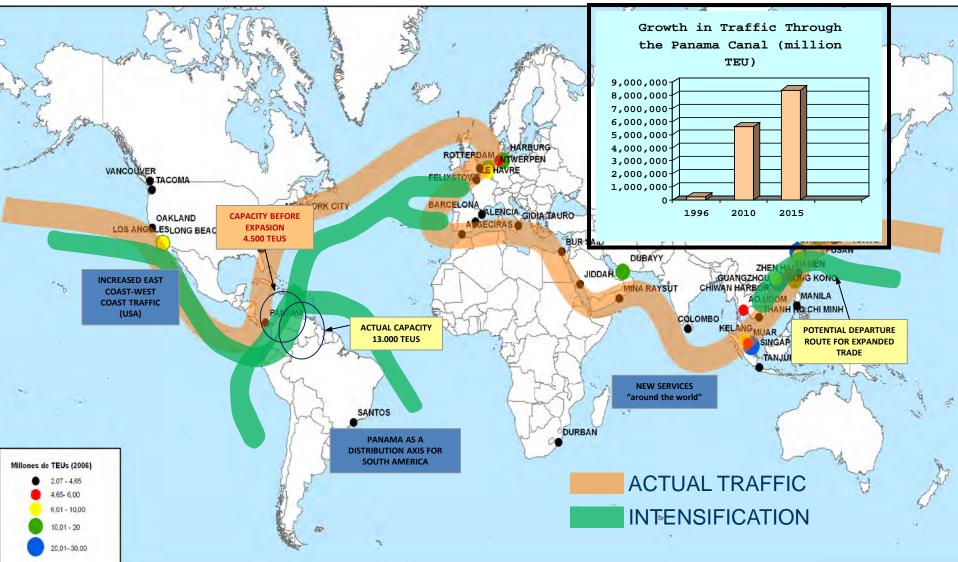
ii) Reduced variable costs (less fuel, communication costs

of crew by container)

iii) drastic changes in the costs of cargo movement

Panama Canal Expansion

Potential impact on international shipping routes



Principal Container Ports – Caribbean Basin



Port ranking in Latin America-Caribbean

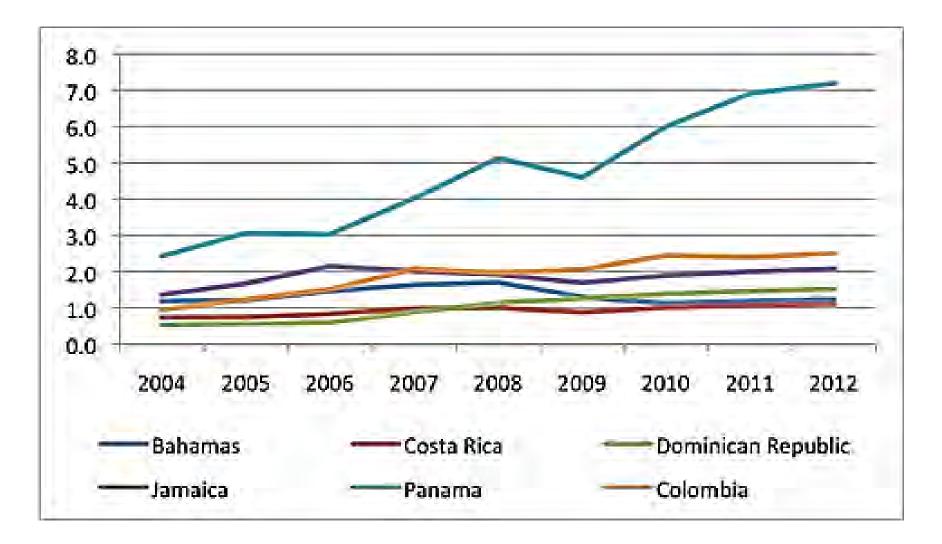


World Container Ports Ranking

TOP 50 WORLD CONTAINER PORTS

Rank	Port	Volume 2014 (Million TEU)	TEU)	Rank	Port	Volume 2014 (Million TEU)	TEU)
1	Shanghai, China	35.29	33.62	26	New York-New Jersey, U.S.A.	5.77	5.47
2	Singapore	33.87	32.6	27	Yingkou, China	5.77	5.30
3	Shenzhen, China	24.03	23.28	28	Hanshin Ports, Japan	5.32	5.32
4	Hong Kong, S.A.R., China	22.23	22.35	29	Lianyungun, China	5.01	5.49
5	Ningbo-Zhoushan, China	19.45	17.33	30	Columbo, Sri Lanka	4.91	4.31
6	Busan, South Korea	18.65	17.69	31	Algerciras Bay, Spain	4.56	4.50
7	Qingdao, China	16.62	15.52	32	Jawaharlal Nehru, India	4.45	4.12
8	Guangzhou Harbor, China	16.16	15.31	33	Suzhou, China	4.45	5.31
9	Jebel Ali, Dubai, United Arab Emirates	15.25	13.64	34	Valencia, Spain	4.44	4.33
10	Tianjin, China	14.05	13.01	35	Jeddah, Suadi Arabia	4.2	4.56
11	Rotterdam, Netherlands	12.3	11.62	36	Sharjah, United Arab Emirates	4.12	4.12
12	Port Klang, Malaysia	10.95	10.35	37	Felixstowe, U.K.	4	3.74
13	Kaohsiung, Taiwan, China	10.59	9.94	38	Santos, Brazil	3.68	3.45
14	Dalian, China	10.13	10.86	39	Manila, Philippines	3.65	3.77
15	Hamburg, Germany	9.73	9.30	40	Piraeus, Greece	3.59	3.16
16	Antwerp, Belguim	8.98	8.59	41	Port Said East, Egypt	3.5	3.12
17	Xiamen, China	8.57	8.01	42	Balboa, Panama	3.47	3.19
18	Tanjung Pelepas, Malaysia	8.5	7.63	43	Haiphong, Vietnam	3.45	3.02
19	Los Angeles, U.S.A.	8.33	7.87	44	Seattle-Tacoma NW Seaport, U.S.A.	3.43	3.46
20	Keihin Ports, Japan	7.85	7.81	45	Ambarli, Turkey	3.38	3.38
21	Long Beach, U.S.A.	6.82	6.73	46	Georgia Ports, U.S.A.	3.35	3.03
22	Laem Chabang, Thailand	6.58	6.04	47	Colon, Panama	3.29	3.36
23	Tanjung Priok, Jakarta, Indonesia	6.4	6.59	48	Tanjung Perak, Surabaya, Indonesia	3.13	3.02
24	Ho Chi Minh, Vietnam	6.39	5.96	49	Tanger Med, Morocco	3.08	2.56
25	Bremen/Bremerhaven, Germany	5.78	5.84	50	Salalah, Oman	3.03	3.34

Evolution of Transshipment



Source: World Bank Indicators.

Bahamas port expansion

- US\$250 million
 expansion Freeport
 Container Port.
- Quay length expansion to 1,536 meters
- Yard area of 63 hectares
- Depth of 15.5 meters (50.8 feet),
- 9 post-panamax cranes and one super postpanamax quay crane.
 (Boost annual handling of 1 million containers)



Jamaica Regional Logistic Hub

- Jamaica is investing US\$660 million
- China will invest US\$1.5 billion
- Caribbean hub linking the US East Coast, the Gulf of Mexico, the Caribbean and northern Brazil to handle the new traffic in post-panamax vessels
- 18 gantry cranes and 60 straddle carriers and will have an annual capacity of 3.6 million TEU



Brazil: New logistic policy

Institutional reform

Reducing logistics costs

→ Improve competitiveness

US \$7.2 billions

investment

→ US \$2.5 billions in port infrastructure



Mexico: Global Infrastructure program



FUTURE OF NICARAGUA CANAL IN DOUBT

Investment: \$50 billion ?????

Time: 2016-2020

172 miles length / 754-1706 feet wide up to 98 feet depth

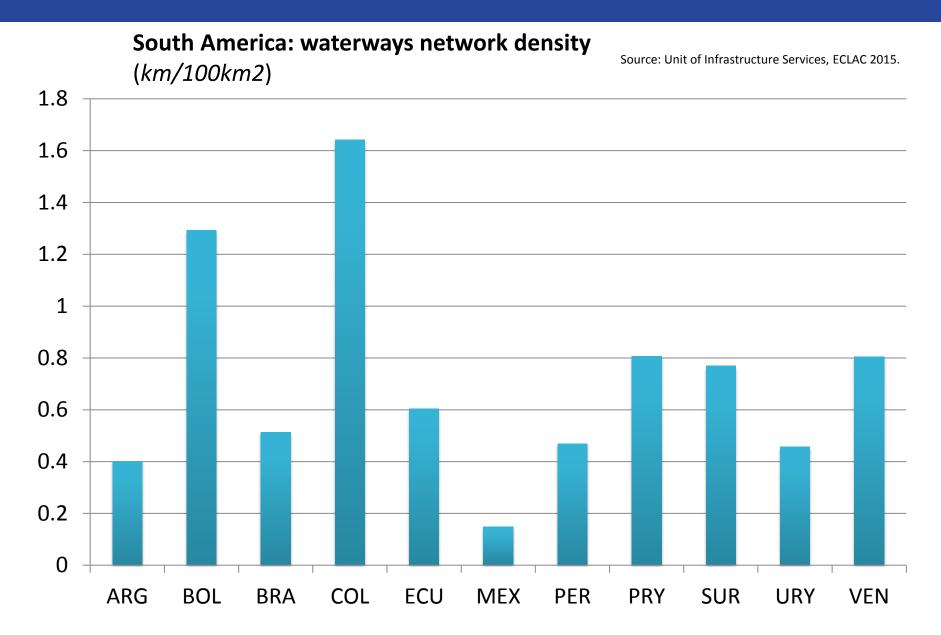
Dredging: **5,5 billion m3**. (10 times Panamá Canal -100 years)

Chinese telecom tycoon, Wang Jing



US\$ 400 million investment in a new terminal at Bilwi, Puerto Cabezas –Caribbean and US\$ 224 million in ports of Salvador Allende and San Juan del Sur dredging the port of Bluefields

Density of waterways in LAC



Colombia – Inland ports and waterways



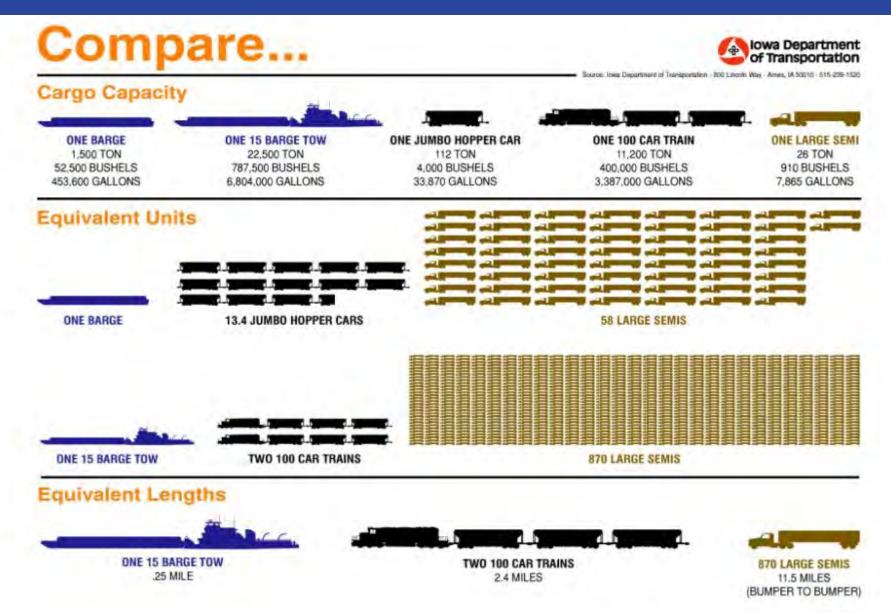
Southern Cone – Waterways



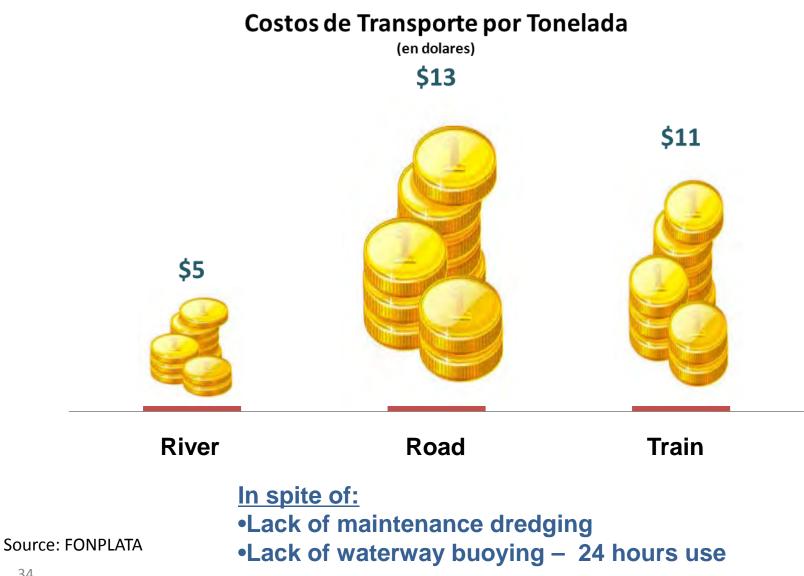
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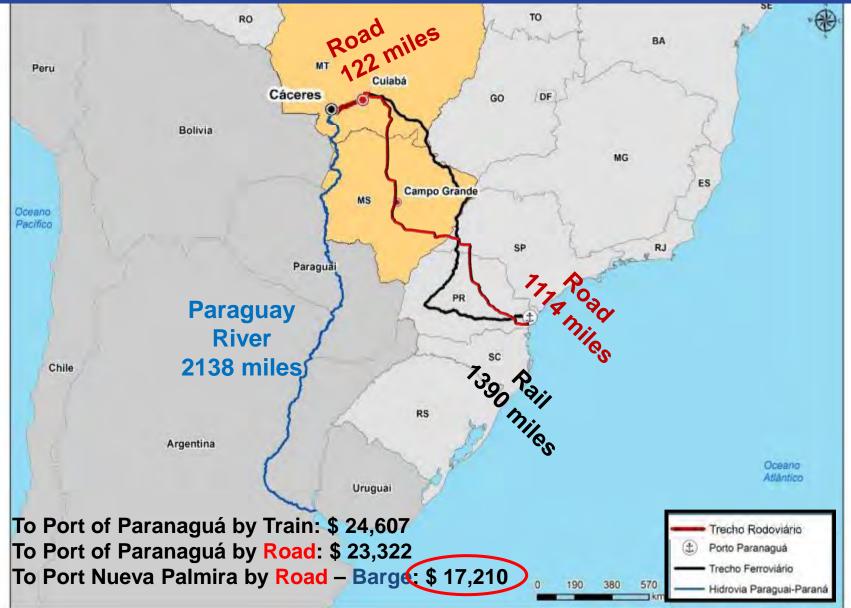
Modal Transport Capacity



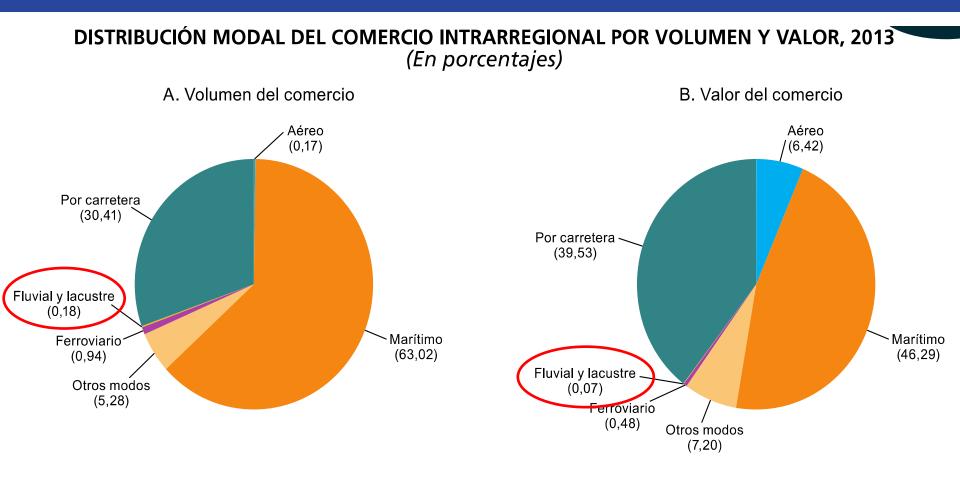
Argentina – Cost of transport by river per tonne



Cost of Cargo per Tonne/Mile – from Cuiaba, Brazil to ports in the region

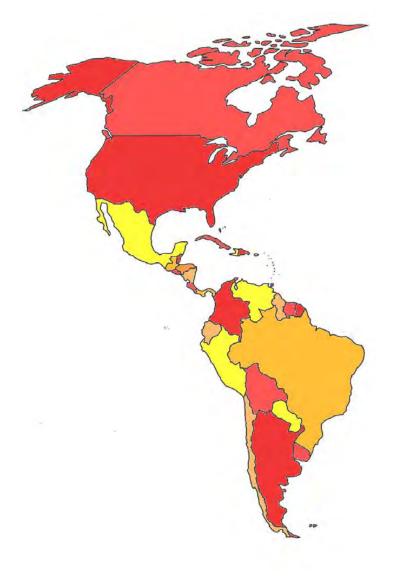


Waterways Competitive advantages underutilized



Source: Wilmsmeier y Spengler, La evolución de la distribución modal del transporte de mercancías en América del Sur entre 2000 y 2013, Boletin FAL No. 343, 2015, CEPAL.





Final Considerations

Final Considerations

- Global trends (increase in trade, bigger ships, Panama Canal Expansion) will have an impact on competitiveness but also on the environment
- Improvements in the infrastructure necessary and imminent in LAC to remain competitive globally.
 - Public-private coordination
 - Regulatory frameworks
 - Transformation of the port authorities
 - Vision of long-term
 - Cooperation between countries
 - Environmentally sustainable/contingency plans to mitigate the impact
- The private sector is the primary catalyst for change. It is important to emphasize the public-private partnerships, where the private sector is the leader on innovation and competitiveness
- Integrated management of infrastructure, transport and logistic
- The CIP promotes this dialogue and creates a hemispheric relevant community of practice.

Thank You!

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