



Dragado Sostenible para Competitividad Portuaria

Planificación Estratégica e Innovación en Brasil

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El potencial hidroviario de Brasil



Potencial:
≈ **42.000 km** de
ríos navegables.

Realidad:
Solo ≈ **20.000 km**
en uso comercial.

Carga:

160 millones de tons*
de carga transportadas por los
ríos en 2025

* Fuente: ANTAQ - Desempeño y Estadística Acuaviaria
(Año base 2025, publicado en feb/2026).

50% de los ríos de Brasil no
tiene navegación comercial

Eficiencia:

10 x más eficiente que el
transporte vial.



OAS

More rights
for more people



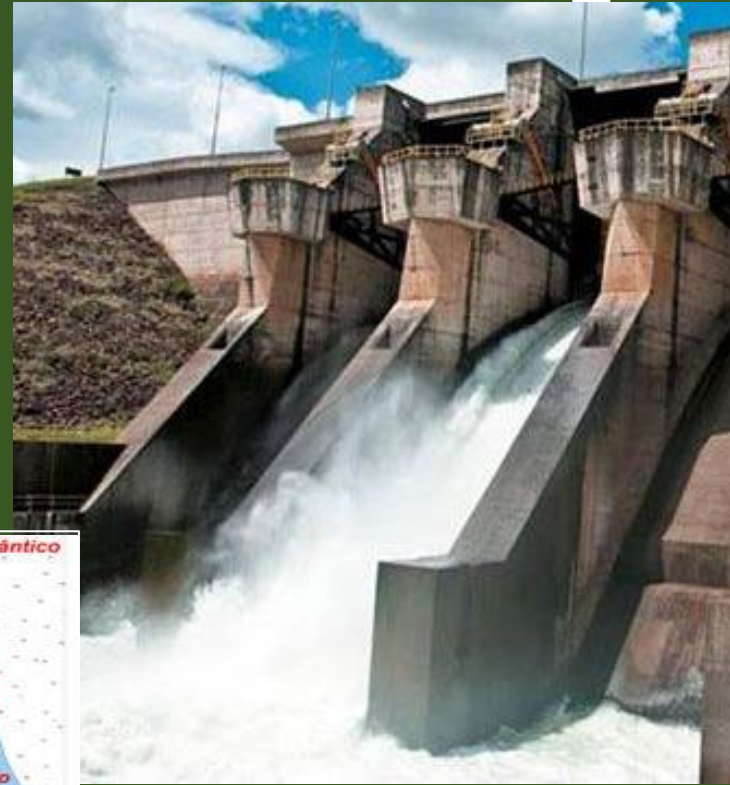
CIP

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Committee on Ports



Agencia Nacional
de Puertos y Navegación

Experiencia brasileña en el manejo sostenible de los ríos

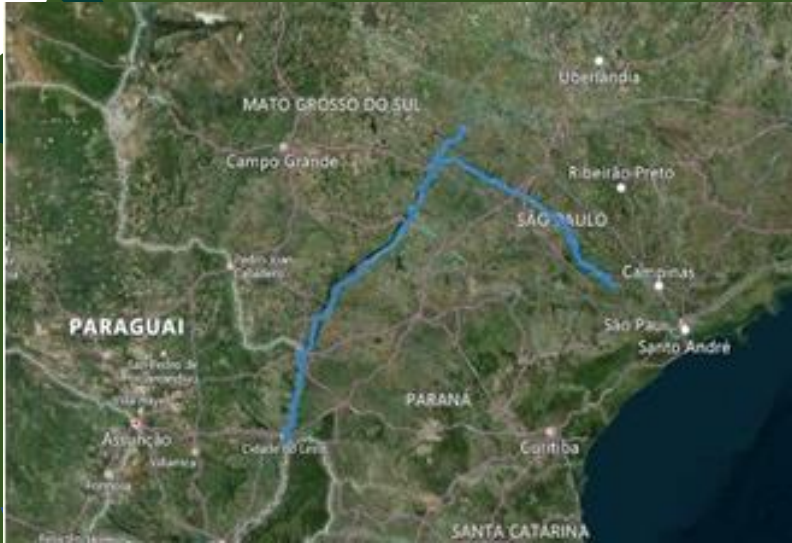


▪ Rio Paraná-Tietê

▪ Foz do Amazonas



Río Paraná-Tietê



River Specs

Navigable extension: 1,648 km

Average width: 120 m (Tietê River)

Dry season: July/November

High waters: December/April

Dredging Specs

Time: 4 years

Cost: US\$ 60 MM / year

Volume: 0.40 MM m³

Equipment: Rock scavation

Benefits

Environmental: Reduction in fuel consumption

Governance: Lower expenditure on Operation and Maintenance (O&M)

Social: Job opportunities

Cargo throughput (MM Tons)

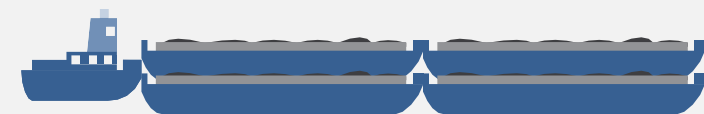


Principais cargas: Soy, Sand and liquid fuel

Designed Convoy

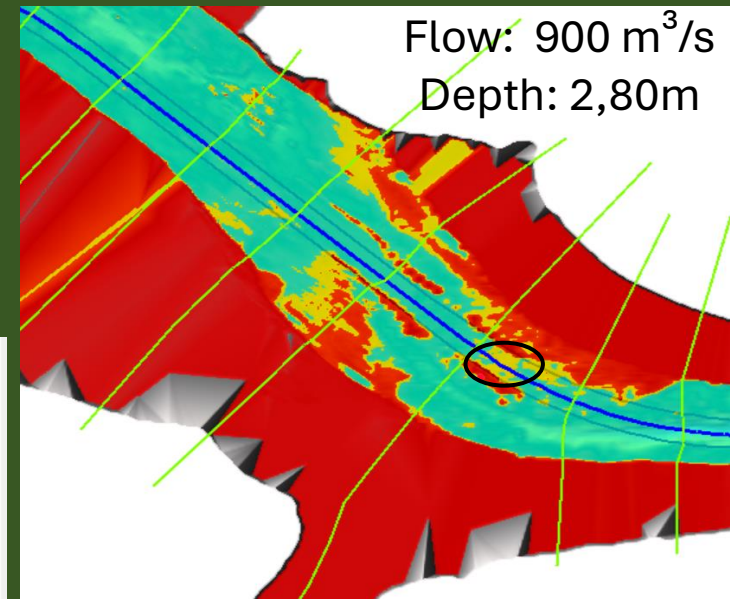
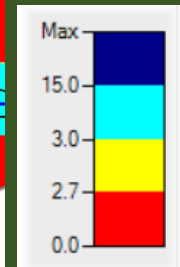
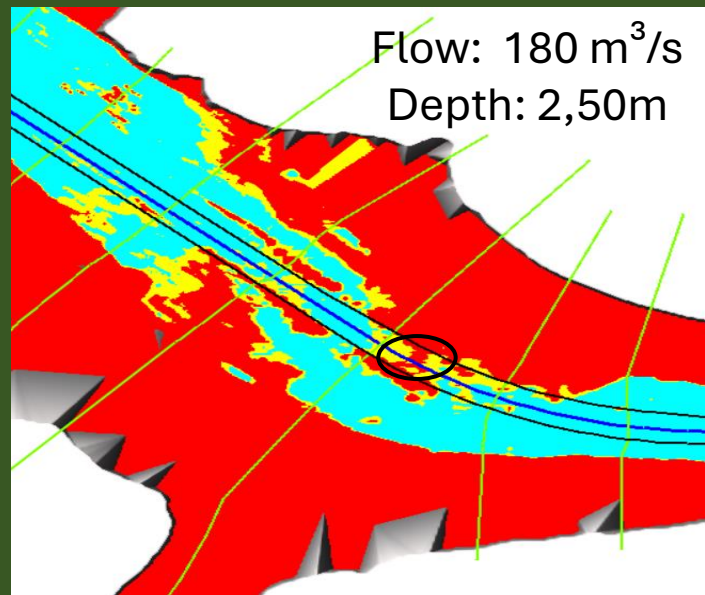
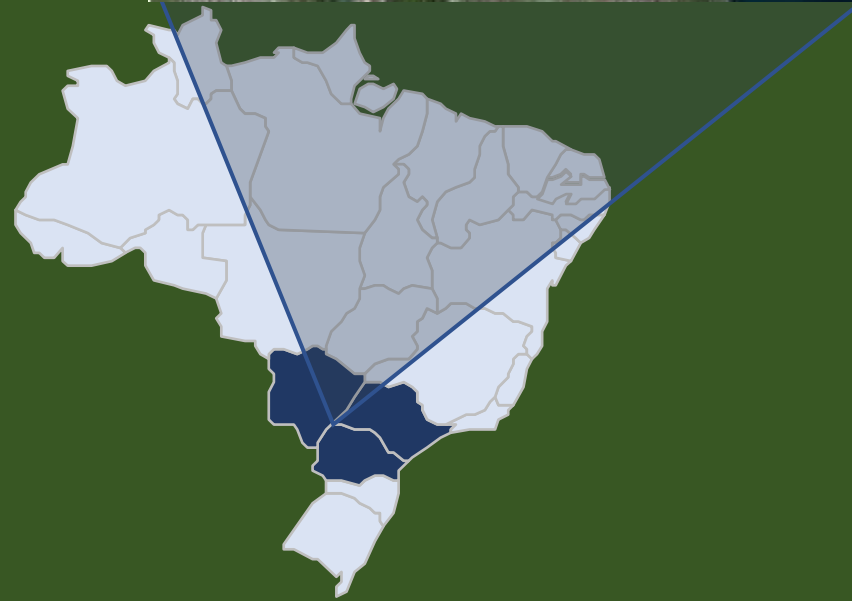
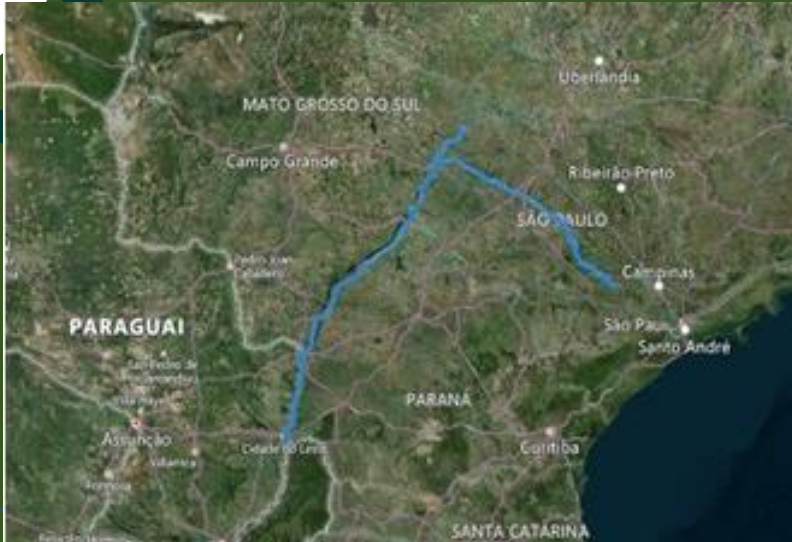
Convoy: 4 barges + 1 tug
(138m x 22m x 2.7m)

Maximum load (dry season): 34 mil ton



Río Paraná-Tietê

Ganancia de **30 cm** de calado con el aumento de caudal de la UHE.



Foz do Amazonas



River Specs

Navigable extension: 150 km

Average width: N/A

Dry season: Tidal Regime

High waters Tidal Regime

Dredging Specs

Time: 24 x 7

Cost: US\$ 2 MM / year

Volume: 0 m³

Equipment: No dredging, but buoy and system

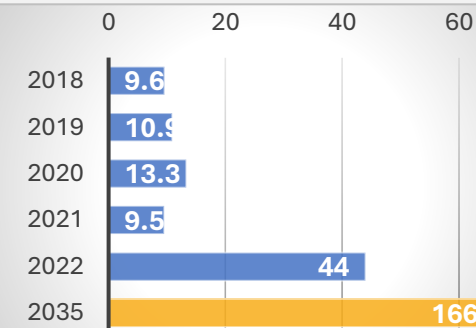
Benefits

Environmental: Lower emission of polluting gases

Governance: Lower Capital and Operational Expenditure (CapEx & OpEx)

Social: Decrease in prices of consumer goods

Cargo throughput (MM Tons)

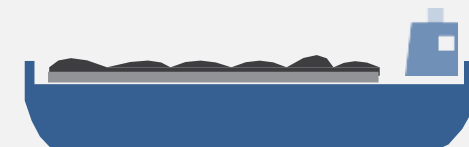


Principais cargas: Container, Soy and Iron ore

Designed Convoy

Convoy: Post Panamax

Maximum draft: 12,8 m



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Foz do Amazonas



Aumento de **80 cm** con el monitoreo de mareas

Estação Maregráfica
"Zona do Agrião"

Estação Maregráfica
Igarapé Grande Curuá

Inglaterra

Alemanhã

VISTA DE
DE CIMA



Gracias!

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