



Infrastructure and Energy Opportunities in Brazil

November 2023

A private deepwater port with an industrial complex



Strategic Location

Brasil Southeast (54% GDP)



11 Private Terminals

17km of quay with up to 25m depth



57Mtons handled in 2022

600 port calls / month

10k road access / month



+ 10 K Jobs at the port



40sqKm of environmental reserve

RPPN Caruara



44sqKm of available area

For port and industrial development



Porto do Açu



An integrated port-industrial ecosystem



IRON ORE



CRUDE OIL



MARITIME FUEL



MULTICARGO
TERMINAL



OIL & GAS LOGISTICS



NATURAL GAS

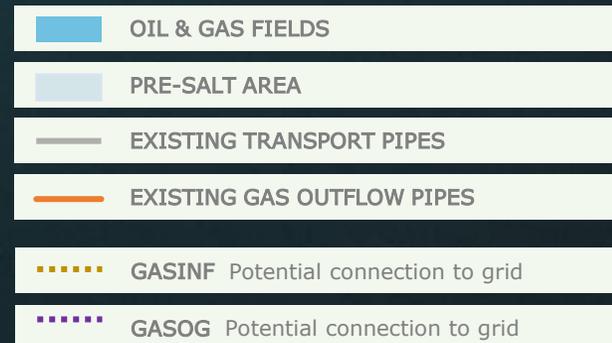
Opportunities in Natural Gas

Competitive gas to enable industrial development

134 million m³/d
Potential of Available
Natural Gas in 2030



- Availability of natural **gas continues to grow** (mainly associated to pre-salt oil)
- Domestic gas needs constant and reliable demand to anchor consumption
- The realization of large upstream projects are be conditioned to finding anchor consumptions
- The opening of the gas market should make the industrial sector grow again
- Connectivity as an assurance of domestic gas availability at the Port: The connection of the port to the gas transportation network as an enabler for industries attraction



Converging gas demand

- Integrated gas hub in southeast Brazil (multiple sources of supply and demand)
- Connected with existing domestic gas grid
- Attract gas molecules at competitive prices for industrial consumption and enhance complex occupation
- Be eligible to receive potential offshore gas routes
- Integrated approach with other ventures at Açu Port

Industrial demand



Connectivity to gas pipeline network



GAS HUB

Storage, Regasification & LNG distribution



Gas to power



Opportunities in Decommissioning of O&G assets



1st STAGE: PRE-DECOMMISSIONING

- Removal of invasive species (sun coral);
- Power supply
- Disposal of oily influents from tanks



NEW ENERGIES

HYDROGEN

INDUSTRIALIZATION

BIOMASS



BIOGAS



SOLAR PLANT



NATIONAL GRID



HYDROGEN CLUSTER



HBI PLANT



AMMONIA PLANT



E-FUELS



PORT DECARBONIZATION PLAN



OFFSHORE WIND



Platform for the *low carbon industries of the future*

Building the ecosystem for renewable projects



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Açu Experience |

