

01 BRIEF DESCRIPTION OF THE PROJECT

Terra Forte Bahia is an innovative low-carbon ammonia production project located in the municipality of Camaçari, Bahia-Brazil, a strategic location with abundant renewable energy (solar, wind, hydro) and natural gas, a consolidated petrochemical hub, with port access to supply the high domestic demand and reach global fertilizer, sustainable fuel and chemical industry markets. In addition, Brazil is one of the largest consumers of nitrogen fertilizers in the world and imports 90% of its demand.

02 JUSTIFICATION AND OPPORTUNITY

With its privileged location, Bahia has the best onshore winds in the world and is Brazil's leader in wind energy production and vice-leader in solar energy production. It also has the cheapest natural gas supply in the country, consolidated infrastructure and tax incentives for green projects. With growing demand, the global ammonia market is expected to reach more than US\$100 billion by 2030, driven by fertilizers and clean energy. Ammonia consumption at the Camaçari Petrochemical Complex is 200,000 tons/year, nitrogen fertilizer consumption in Brazil is 10.5 million tons/year and in Bahia it is 300,000 tons/year. Low-carbon ammonia is in line with the EU/Asia net-zero targets and ESG investment trends. A pioneering advantage that drives strategic partnerships with energy players, off-take purchase contracts, government support and synergy with the Camaçari Petrochemical Complex and gas pipelines in Bahia.

03 INVESTMENT NEEDED

CAPEX: US\$ 1.5 billion

Annual production: 500 thousand tons/year

Annual revenue: US\$400 million

Payback: 7 years

IRR: 16%

04 SOCIAL AND ENVIRONMENTAL IMPACT

Potential to mitigate more than 1 million tons/year of CO₂ using renewable energy, accelerating the energy transition, stimulating the circular economy by using nitrogen waste in local agricultural chains and generating more than 2,000 direct/indirect jobs with technical training in green technologies. In addition, it boosts regional development by attracting investments in port infrastructure, logistics and energy, promoting social inclusion with vocational training programs for surrounding communities, partnerships with universities for research and increasing national agricultural productivity, thus guaranteeing food security and improving the quality of life of producers throughout the state.

CONTACTS

More information about
this and other projects:

 investinbrasil@apexbrasil.com.br