

## 04 BAH<sub>2</sub>

### 01 BRIEF DESCRIPTION OF THE PROJECT

Encourage the establishment of low-carbon hydrogen production centers by electrolysis and its energy derivatives in Bahia, exploring the diversification of production routes, such as green ammonia, nitrogen fertilizers and e-fuels. With potential sites in the Camaçari Industrial Estate and the Aratu Industrial Center, your investment will find the necessary conditions to develop.

### 02 JUSTIFICATION AND OPPORTUNITY

Beat the forefront of the energy transition in the best place to develop low-carbon hydrogen projects in Brazil. Bahia, the best destination for your business, is the largest producer of wind energy in Brazil and the largest producer of solar energy in the Northeast region, consolidating itself as the main national hub for sustainable and innovative initiatives in the energy sector, offering a public policy aimed at the low-carbon economy, with unique tax incentives for the sector.

### 03 INVESTMENT NEEDED

Invest in a project with a robust and promising financial profile like BAH<sub>2</sub>, designed to deliver strategic value and attractive returns for projects starting at 60 MW.

#### Conservative scenario (does not consider incentives)

CAPEX: US\$ 120 M  
OPEX: US\$ 16 M  
IRR: 10,54%  
Payback [years]: 9

#### Scenario with incentives (energy consumption)

CAPEX: US\$ 120 M  
OPEX: US\$ 14 M  
IRR: 12,55%  
Payback [years]: 8

### 04 SOCIAL AND ENVIRONMENTAL IMPACT

Investing in Bahia, in the low-carbon hydrogen sector, is actively participating in the energy transition, it is an invitation to a transformative partnership, where your investment will directly drive a more prosperous future. Its investment is a concrete response to global climate challenges, leading decarbonization through the fuels of the future. In Bahia, electrolysis can be carried out using reused water or water from aquifers that do not meet priority uses, without compromising essential uses for current and future generations. Promoting sustainable industrialization will boost the green economy, with a direct impact on climate change mitigation.

### 05 NEXT STEPS

If the energy transition and the low-carbon hydrogen market is your business, come and talk to us, BAHIAINVESTE will accompany you throughout the process and provide business support at all stages.

### CONTACTS

More information about  
this and other projects:

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