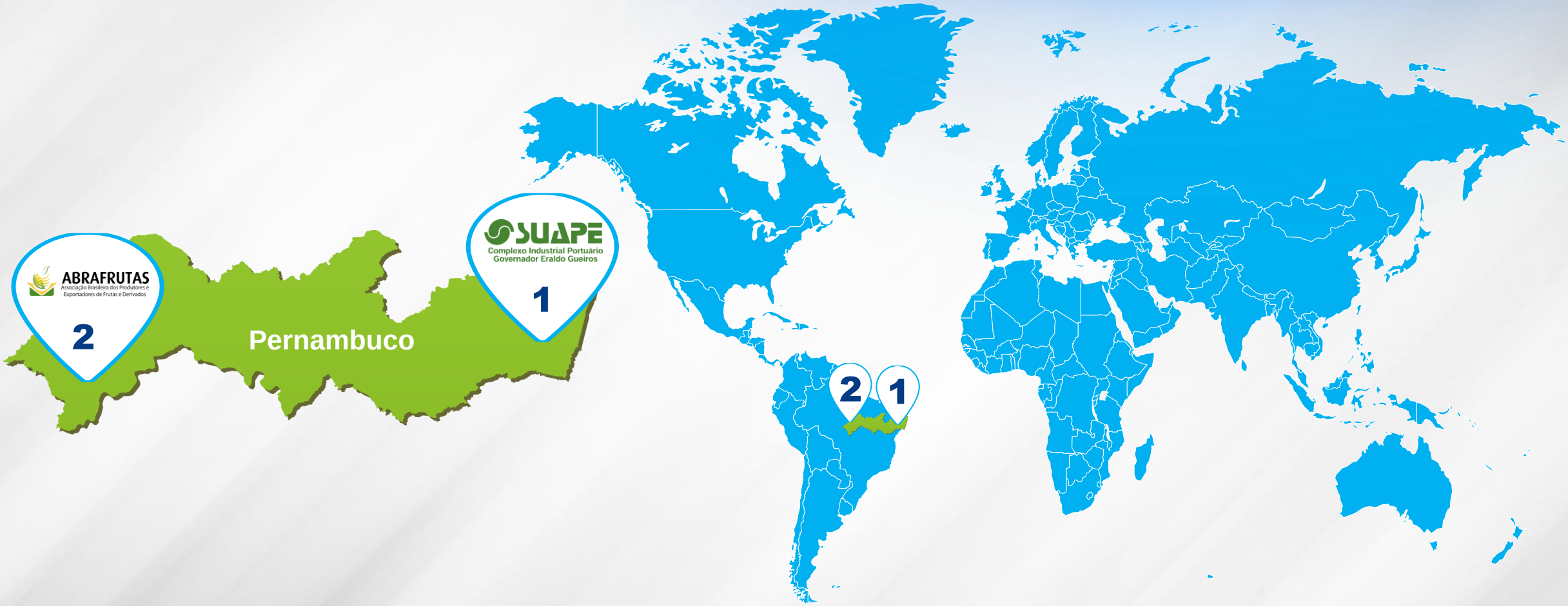
INSTITUTO SENAI
DE INOVAÇÃO
TECNOLOGIAS DA INFORMAÇÃO
JOINING
KNOWLEDGE AND
INNOVATION FOR
INDUSTRIAL
COMPETITIVENESS
SENAI
Serviço Nacional de Aprendizagem Industrial
PELO FUTURO DO TRABALHO

SENAI Industrial Innovation Clusters

SENAI
Serviço Nacional de Aprendizagem Industrial
PELO FUTURO DO TRABALHO



SUAPE

1 **Energy Transition, Advanced Manufacturing and Logistics**

Petrolina

2 **Industrial Technology for Agribusiness**

SENAI Industrial Innovation Clusters

Privileged Location

SUAPE
Complexo Industrial Portuário
Governador Eraldo Gueiros

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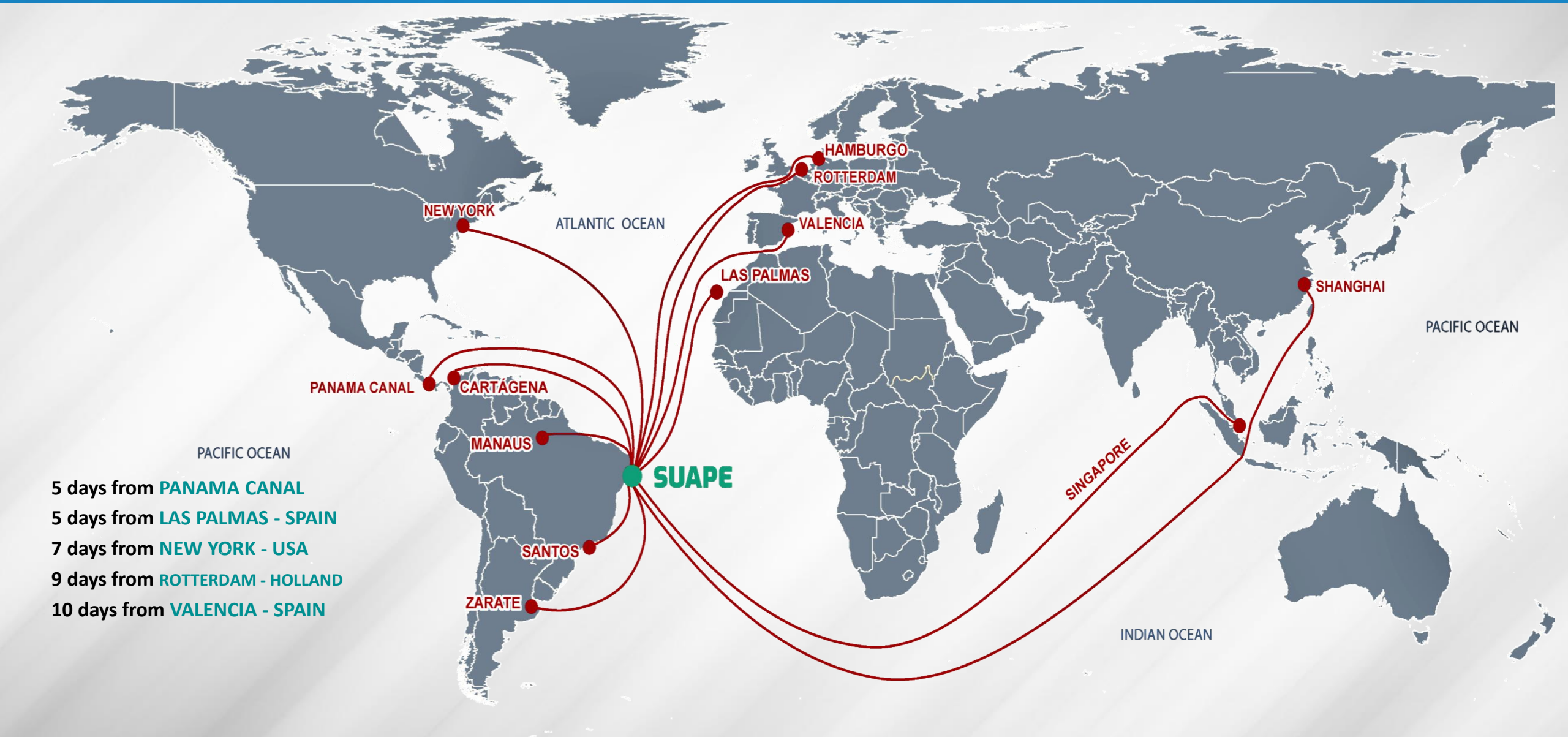

5 days from PANAMA CANAL
5 days from LAS PALMAS - SPAIN
7 days from NEW YORK - USA
9 days from ROTTERDAM - HOLLAND
10 days from VALENCIA - SPAIN

SUAPE IN NUMBERS

SUAPE Complexo Industrial Portuário Governador Eraldo Gueiros

INSTITUTO SENAI DE INOVAÇÃO TECNOLOGIAS DA INFORMAÇÃO

Established **44 years ago**, with an **industrial port** concept

5th place among **Brazilian public ports**

24.7 million tonnes of freight in **2022**

National leader in bulk liquids and gases **(17.8 million tonnes)** and coastal shipping **(16.4 million tonnes)**

Largest hub for **containers** and vehicles in North and Northeast Brazil

Main cargo types: fuels, crude oil, container freight, cereals, sacked sugar, machinery and equipment, vehicles etc.

COMPANIES AND HUBS

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Complexo Industrial Portuário Governador Eraldo Gueiros

INSTITUTO SENAI DE INOVAÇÃO TECNOLOGIAS DA INFORMAÇÃO

220 COMPANIES

in **operation in Suape**

- FOOD AND BEVERAGE
- WIND POWER COMPONENTS
- BUILDING MATERIALS
- PETROCHEMICALS

R$ 74.5 BILLION

in **private investment**

- POWER GENERATION
- LIQUIDS AND GASES
- LOGISTICS
- SHIPBUILDING AND OFFSHORE

40 THOUSAND

direct jobs

- PHARMACEUTICALS
- PRE-FORM PET AND PLASTICS
- METALWORKING

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Energy Transition, Advanced Manufacturing and Logistics

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INSTITUTO SENAI DE INOVAÇÃO TECNOLOGIAS DA INFORMAÇÃO

Currently

- Industrial Port Zone
- Industrial Zone
- Services Zone
- Environmental Preservation Zone
- Cultural Preservation Zone

Total Area 17,300 hectares

Development

3 Innovation Railways

- Passenger Trains
- Cargo Trains
- Application of Sustainable Fuels

1 Innovation Cluster

- Pilot Plant
- Applied Research
- Specialized Services
- Entrepreneurship
- Advanced Training and Specialist
- Networking

2 Innovation Airport

- Business
- Executive Transportation
- High Value Cargo
- Research and Development

4 Smart Community

- Social Residences
- Students Residence
- Schools and Universities
- Sustainable Mobility
- Natural Parks
- Hotels, Bars and Restaurants

SENAI Industrial Innovation Clusters

Energy Transition, Advanced Manufacturing and Logistics

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1 Innovation Cluster

Pilot Plants	Applied Research
Specialized Services	Entrepreneurship
Advanced Training and Specialist	Networking

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Business	Executive Transportation
High Value Cargo	Research and Development

TECHUB
Green Hydrogen

Location

SUAPE
Pilot Plants

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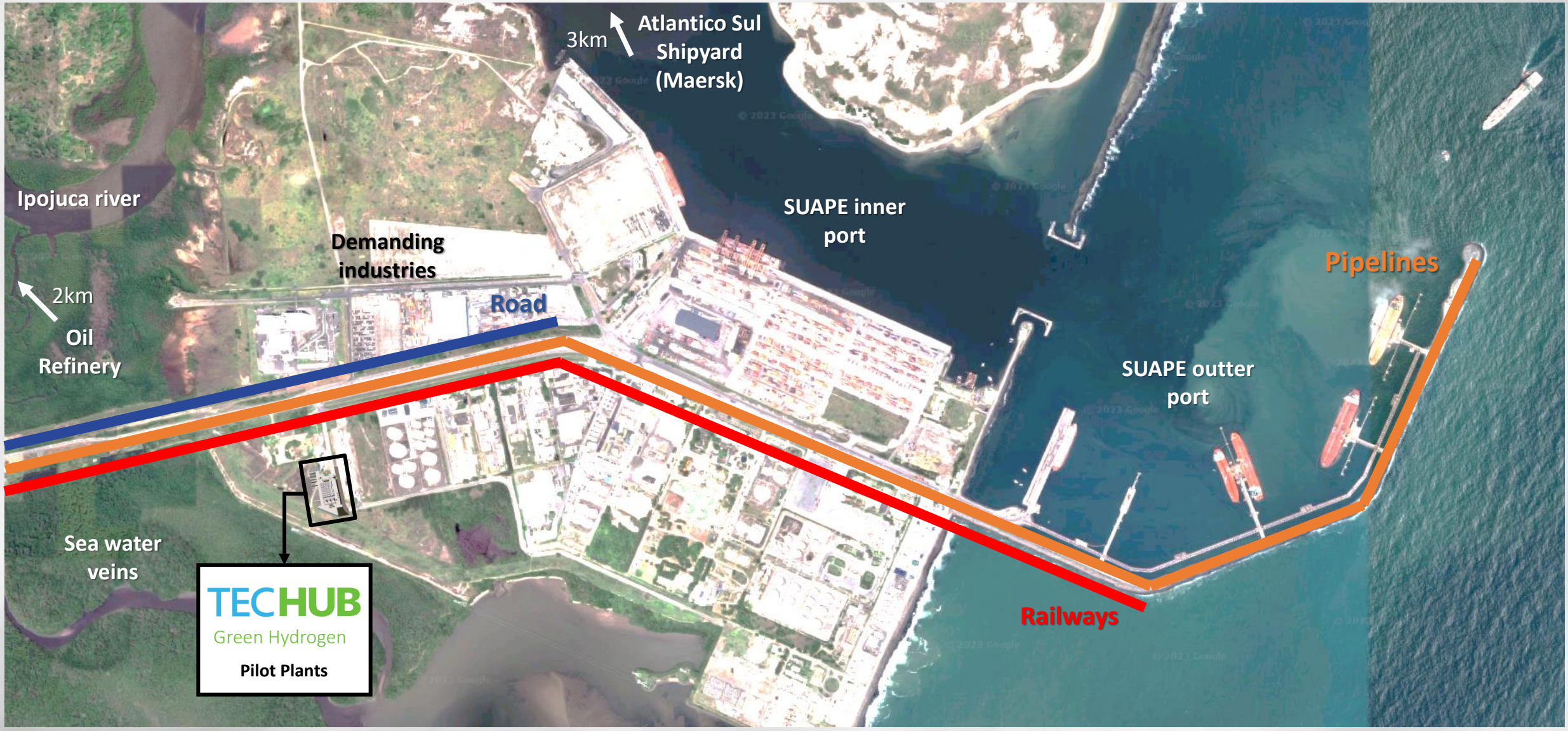

TECHUB
Green Hydrogen

Location

SUAPE
Pilot Plants

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TECHUB
Green Hydrogen

SUAPE
Pilot Plants

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- Total area: - 1.033ha
- Solar power plants (room for): 450 kWp
- Pilot H2 plants (room for): 03 units
- Charging/Fueling docks: 02 units
- Parking lot for 12 cars
- Container-based laboratories: 38
- Administrative unit

TECHUB
Green Hydrogen

SUAPE
Pilot Plants

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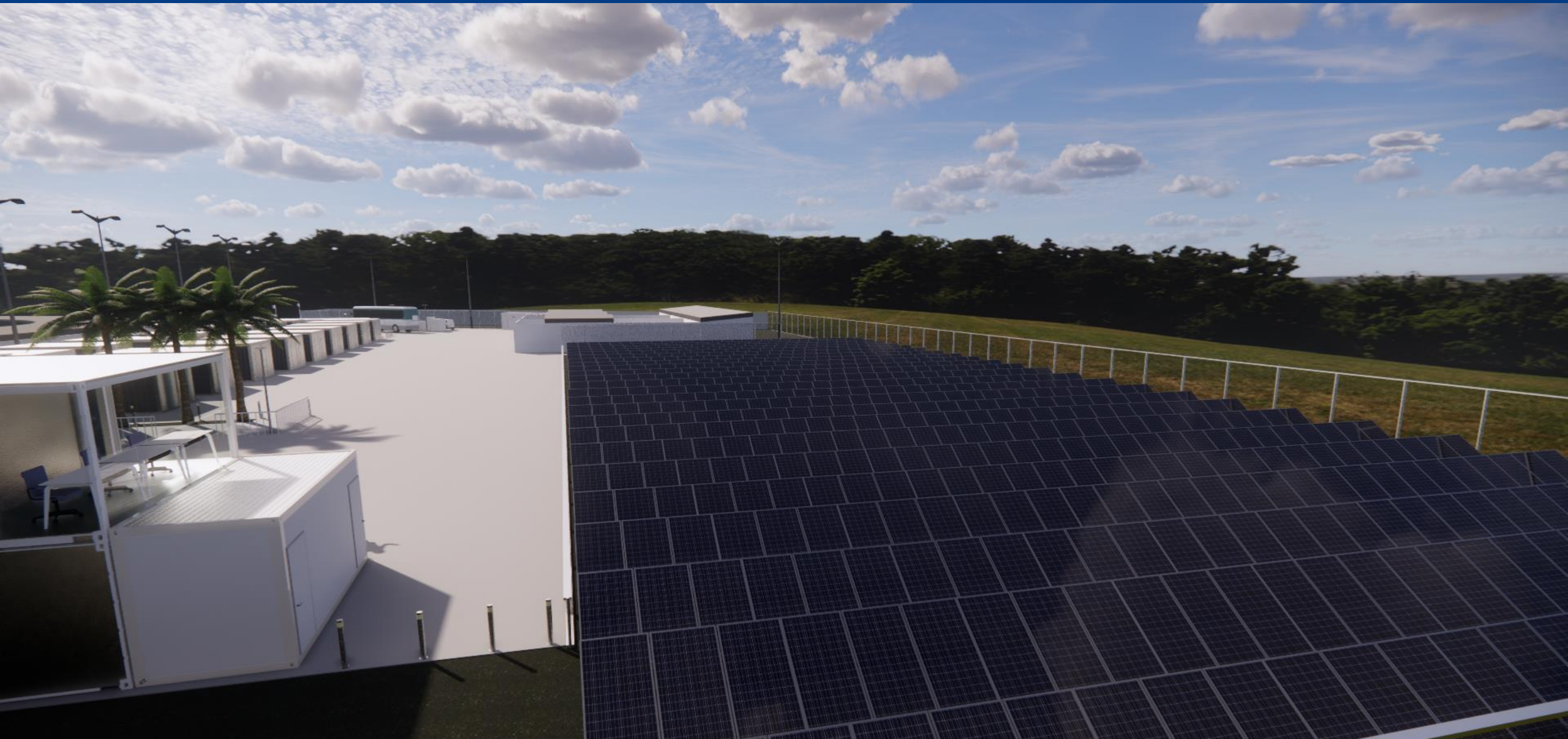

TECHUB
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Pilot Plants

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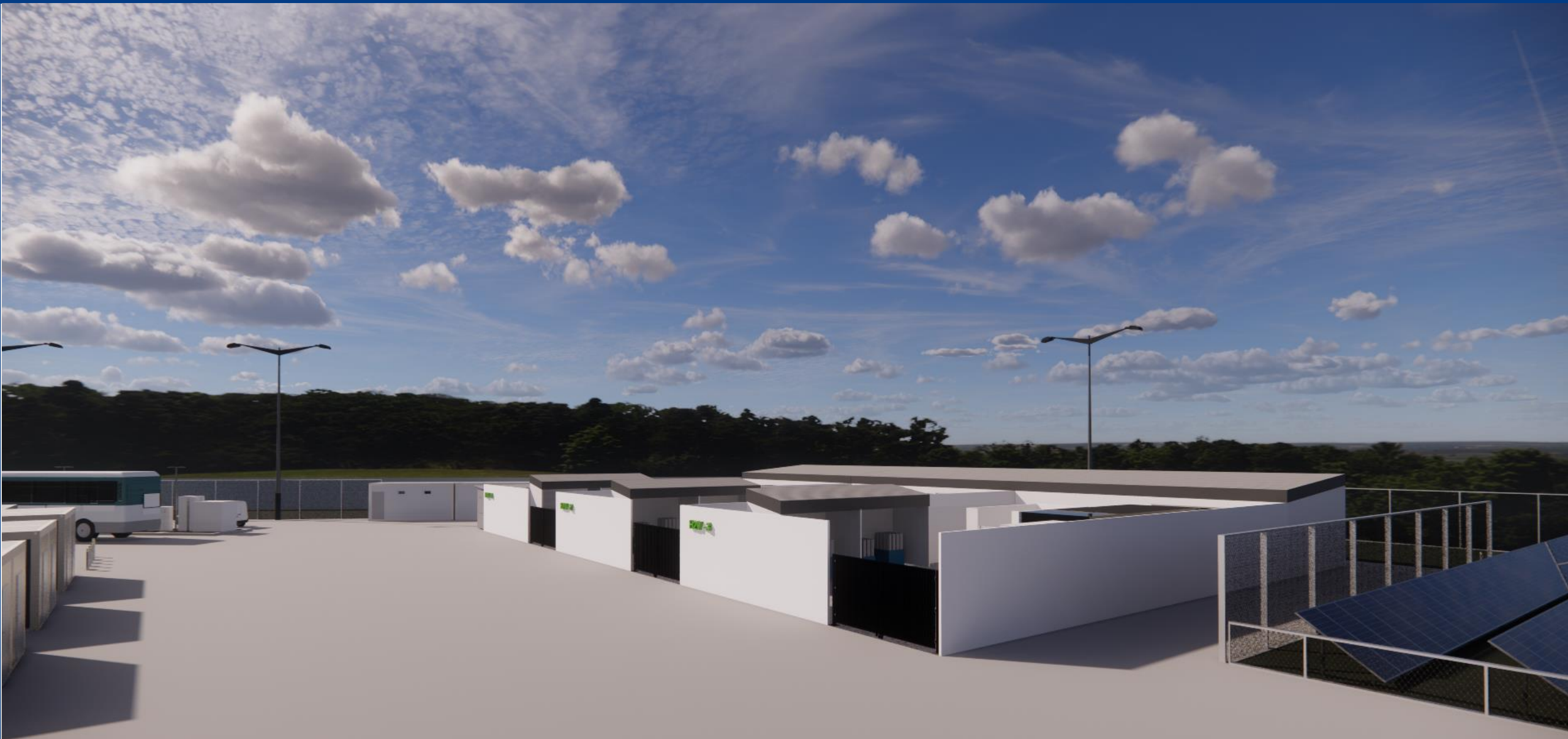

TECHUB
Green Hydrogen

SUAPE
Pilot Plants

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TECHUB
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Some Partner Institutions

SUAPE
Pilot Plants

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TECHUB
Green Hydrogen

Road Map – Supply Chain H2V - Brazil

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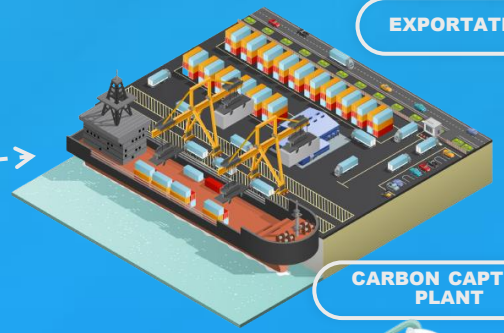

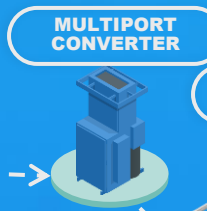

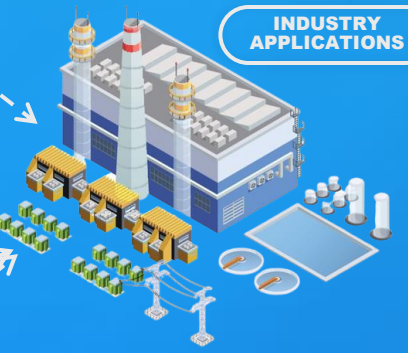

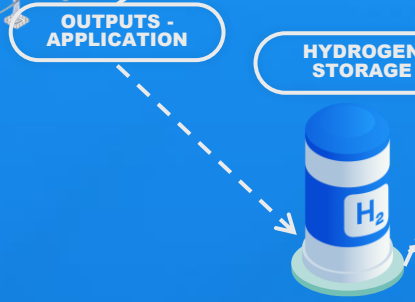

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Road Map – Supply Chain H2V - Brazil

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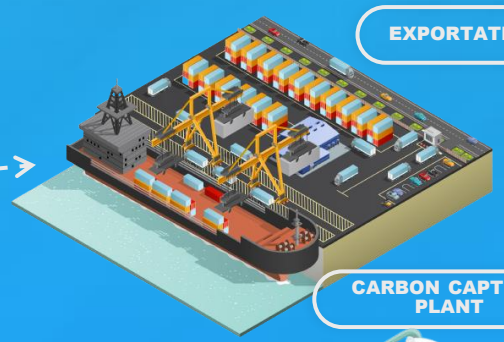

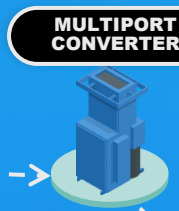

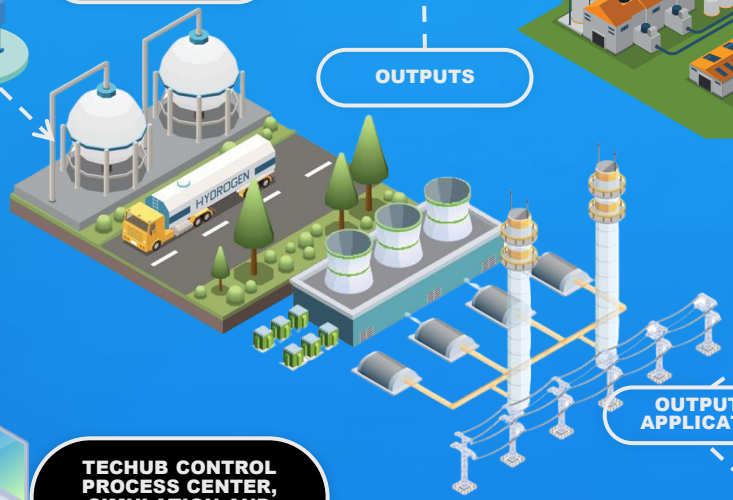

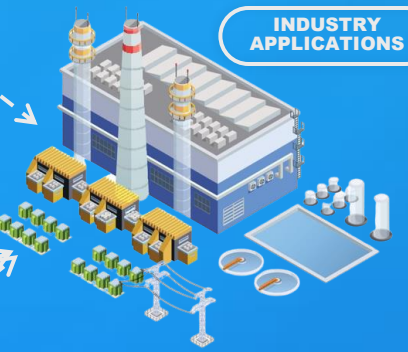

We have projects

TECHUB
Green Hydrogen

SUAPE
Pilot Plants

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1. **Joint venture** with Brazilian companies.
2. **Customized project finance schemes.**
3. **Joint research and development initiatives.**
4. **Technology transfer support** to explore the potential of hydrogen production in Brazi

Come Join!

Presentation

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