

PRELIMINARY RESULT SELECTED STARTUPS FOR BOOTCAMP STAGE

OPEN INNOVATION PROGRAM WITH STARTUPS FOR THE SUSTAINABLE DEVELOPMENT OF THE BLUE ECONOMY IN THE STATE OF RIO DE JANEIRO

Energy

"How can we reduce the costs associated with the water and sewage collection and treatment network by implementing a diversified energy matrix?"

CUBi
AQUAPOWER

"How can we optimize the generation and distribution of energy for self-use and commercialization?"

Antarctica Enterprise LTD

"How can the partnership between Parceiros do BlueRio drive the decarbonization of the maritime chain through the implementation of H2V production projects, biofuel pilots, and offshore wind energy utilization, while promoting the protection of mangroves and the neutralization of the carbon footprint through the concept of Blue Carbon and the use of biogas?"

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"How can the partnership between Porto do Açú & Wilson Sons & Porto Sudeste acquire technical resources for the development of new energy sources, fleet decarbonization, and operational logistics and port efficiency?"

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Navigation

"How can we achieve operational sustainability through the optimization of navigation processes?"

TideWise
SubUAS

Ports and Logistics

"How can we contribute to the efficient and sustainable electrification of ports while simultaneously reducing the environmental impact and the energy and fuel consumption of docked ships?"

Enline Energy
Squair

"How can we automate transportation, storage, and waste reuse processes to optimize port safety and operational efficiency?"

Medeina Engineering
Clean Sea Solutions
Paradigm Shifters

"How can we enhance sustainability in data management processes for control and knowledge throughout the entire operation, with the aim of reducing economic-environmental costs, such as demurrage, at other possible stages?"

H3aven
eTEU

Sanitation

"How can new technologies promote cost reduction and greater efficiency in water and sewage distribution/collection and treatment processes?"

Fluves

Sustainability

"How can we apply innovative and efficient nature-based solutions to optimize Blue Carbon capture and enable the commercialization of Carbon Credits?"

Bee2be

"How to increase the potential of the Caruara Reserve as part of the sustainability portfolio?"

AQUAPOWER
Carbonair Energy
Everwave GmbH

"How to better reuse current resources for operational efficiency and decarbonization?"

AQUAPOWER

**CHALLENGES: STATE WATER AND SEWAGE COMPANY OF RIO DE JANEIRO - CEDAE
SECRETARY OF ENVIRONMENT AND SUSTAINABILITY OF THE STATE OF RIO DE JANEIRO -
SEAS**

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Sanitation

"How can a partnership between different organizations drive the creation of a water observatory, consolidating all environmental monitoring information in the state of Rio de Janeiro into an integrated platform?"

Sipremo
ORBTY

Sustentabilidade

"How to use existing infrastructure (such as optical fibers) to develop an efficient and cost-effective monitoring system that can predict and alert about the risk of landslides in the cities of the State of Rio de Janeiro?"

Sipremo

ORBTY

"How to promote a culture of value and expand the dissemination of programs carried out by SEAS, aiming to spread maritime culture to the population of Rio de Janeiro?"

TerraMares

"How to use aerial mapping and innovative technologies to optimize the flow of the Rural Environmental Registry (CAR) license, as well as apply artificial intelligence to efficiently identify environmental issues and liabilities?"

SciCrop®

"How can the partnership between the Government of Rio de Janeiro and the BlueRio partners develop and strengthen coastal zoning and management, reconciling environmental conservation, economic development, and the quality of life of coastal communities?"

Bee2Be
Everwave GmbH
SIAPESQ - Sistema de IA Pesqueiro

STATE WATER AND SEWAGE COMPANY OF RIO DE JANEIRO - CEDAE

Energy

"How can we increase the hydroenergy efficiency of water capture and treatment processes?"

SCUBIC
Confirm8

Sanitation

"What technologies can we adopt to more precisely dose the chemicals used in the water treatment process?"

Aliger
ORBTY