

PRELIMINARY RESULTS OF SELECTED STARTUPS FOR THE PITCH DAY 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 water and sewage collection and treatment networks through the implementation of a diversified energy matrix?"

CUBi
Emrod Ltd
Di2Win Tecnologia
AQUAPOWER
Green Energy Development Co.

"How can we capture, store, and eventually utilize atmospheric carbon from the sea?"

Heliac

"How can we advance the energy transition agenda regarding the sources of energy and fuel used in maritime and port operations?"

Aquapower
Power to Hydrogen
Antarctica Enterprise LTD
Oceanswell
Paradigm Shifters

"How can we produce and distribute land-based energy in a clean and sustainable manner, from both an environmental and economic perspective?"

Emrod Ltd
Eco Wave Power

"How can we produce clean fuel, using current assets, considering the regional context of raw materials, to achieve energy efficiency?"

Vertoro
Antarctica Enterprise
Inteligg Private Company

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

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

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Navigation

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

TideWise
ioCurrents
SubUAS

Ports and Logistics

"How can we contribute to the electrification of ports efficiently and sustainably, reducing both environmental impact and the energy and fuel consumption of docked ships?"

Emrod Ltd
Enreport
Enline Energy
HeyCharge
SC Nordic
Squair
Pacto Mobility
Paragon Mobility
Utvyakta

"How to optimize multimodal efficiency, accelerating the development of modalities beyond maritime, especially road and rail?"

Awake.AI
Confirm8

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

Clean Sea Solutions
Magallanes Renovables S.L.
Medeina Engineering
SEADS Sea Defence Solutions
Paradigm Shifters

"How can we generate more sustainability in data management for control and knowledge throughout the operation, reducing economic-environmental costs like demurrage in other possible stages?"

Internet of Cargo
Awake.AI
eTEU
H3aven

"How can we make cabotage operations more sustainable, feasible, and preferable compared to the models currently used for transportation?"

Voyager Portal
Internet of Cargo
OmegaLambdaTec

"Optimization of safety and operational efficiency of tugs for cable passage - optimizing the process can reduce carbon footprint."

Skygauge Robotics
Valqari

"How to optimize efficiency by digitizing maintenance management, ensuring safety and operational sustainability?"

Confirm8
ampcontrol.io

Sanitation

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

Wakaru Consulting
Fluves
SCUBIC - Smart Software Solutions
ZeroEsgoto
Octopus Atuadores Eletrônicos

Sustainability

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

EverImpact
TerraMares
Ocean Ecostructures
Bee2be
Multiledgers
ecoSPEARS Inc.

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

AQUAPOWER
Clean Sea Solutions
Everwave GmbH
ecoSPEARS Inc.
Milesell LLC
Carbonair Energy

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

Eracew Limited
Ocean Ecostructures
AQUAPOWER
Awake.AI

"How can we make logistics involving maritime transportation more sustainable?"

Pix Force
Vertoro

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

STATE WATER AND SEWAGE COMPANY OF RIO DE JANEIRO - CEDAE

Energy

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

MACLEC TECHNICAL PROJECT LABORATORY P L
SCUBIC - Smart Software Solutions
Confirm8
Power to Hydrogen
SunEmison Solar Energy Pvt. Ltd.

Sanitation

"How can we utilize the environmental liability (sludge) generated in water treatment plants?"

4 hábitos para mudar o mundo
Eagleridge Innovations Corporation
VeJ Engenharia
Gayatri Soluções Ambientais
Eracew Limited

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

Aliger
Pix Force
ORBTY
BlueTech Liquid
MSD Sistemas

SECRETARY OF THE ENVIRONMENT AND SUSTAINABILITY OF THE STATE OF RIO DE JANEIRO - SEAS

Sanitation

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

Sipremo
MobyGIS
EVERIMPACT
ORBTY
BlueTech Liquid

Sustainability

"How to use existing infrastructure (such as fiber optics) for the development of an efficient and low-cost monitoring system that can predict and provide alerts about the risk of landslides in cities within the state of Rio de Janeiro?"

MobyGIS
Sipremo

EVERIMPACT
SubUAS LLC
Gaia Tecnologias e Geosistemas

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

TerraMares
Team Biosolvit
Wayfarer Solutions, Inc.
Clean Sea Solutions
Canal Novo Mundo

"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®
MSD Sistemas
EVERIMPACT
Losant
Gaia Tecnologias e Geosistemas

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

Everwave GmbH
Bee2Be
SubUAS LLC
ORBTY
SIAPESQ - Sistema de IA Pesqueiro