

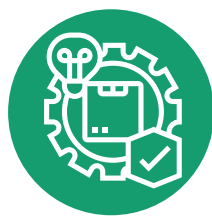
CREATION OF AN ECOSYSTEM OF OPEN INNOVATION IN BILBAO PORT



The Bilbao Port Authority creates Bilbao Portlab



Transition to a more agile and sustainable port supporting Industry 4.0



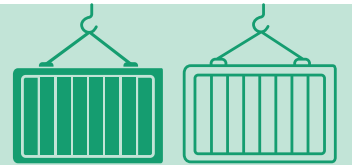
Living Lab: the Port as a real testing environment



Matchmaking between challenges, solutions and funding



VERTICALS PORTS 4.0



LOGISTIC EFFICIENCY

- Automation and Robotization
- Autonomous Vehicles
- Process Optimization
- Predictive Models
- Sensorization of Operations
- Efficient Infrastructures

DIGITALIZATION

- Platform Developments
- Smart Port System
- Digital Inclusion
- System of Traceability
- Blockchain
- Internet of Things

SUSTAINABILITY AND ENERGY

- Energetic Efficiency
- Reduction of emissions or noises
- Circular Economy
- Alternative Fuels
- Water Quality
- Eco-efficiency

SECURITY AND PROTECTION

- Remote sensing
- Early Warning Systems
- Physical Risk Management
- Advanced Cybersecurity
- Automation of Controls
- Otros

CENTRE OF ACTIVITY

Tecnological Surveillance - Scouting

Sensibilization and Formation

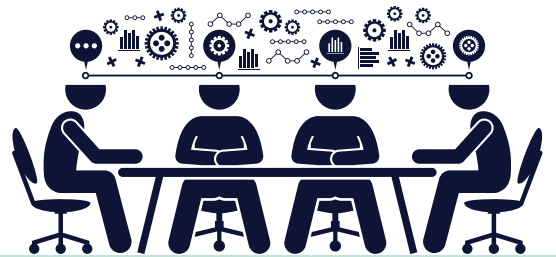
Matchmaking:
Challenge-Solution-Funding

Facilitation and accompaniment in the development of innovation and search of beta-testers

Living Lab y Co-working



"Meeting growth objectives is easier and more agile when you count with brilliant people out there"



HOW DOES THE INNOVATION WITH BILBAO PORTLAB WORK?

For innovative solutions:



Meeting and visit to the company



Identification of challenges in different areas



Selection of innovative solutions



Support to the development and funding of ideas and projects

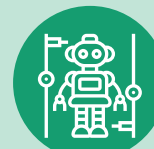
For companies in the port community:



Meeting to get to know your solution



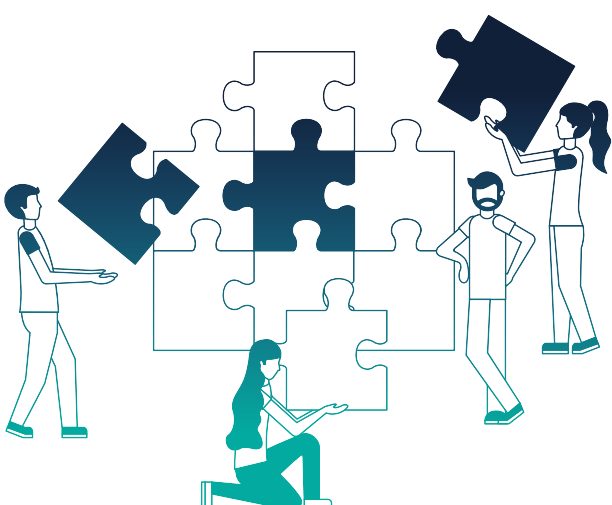
Identification of potential use cases in our sector



Getting in contact with possible betatesters y financiers



Real testing environment in our Living Lab



The future port will be automatized, digital, intelligent, sustainable and will use collaborative models.

Do you want to be part of it?