



Porto  
de Aveiro



# THE ENERGY TRANSITION STRATEGY

OF THE PORT OF AVEIRO

# The Energy Transition Strategy of the Port of Aveiro

GHG Reduction

Achieving the European Green Deal goals

Reducing greenhouse gas emissions (GHG)

Climate-neutral by 2050

Circular economy

Sustainability

The Port of Aveiro will deploy innovative actions and processes building on best practices in order to really bring the port transition goals to the agenda of its Port Community and Stakeholders



## Our Action Plan for energy transition is outlined in 11 topics:



### Roadmap and Business Plan

Bring the port community together to establish a single vision for GHG reduction to identify key needs and gaps and combine them with available best practices



### Port Renewable Energy Sources

Increase energy autonomy in order to become a renewable energy self-sufficient port through investments in renewable energy sources and to create an energy microgrid involving the Port Community



### Port Energy Services

Provide electricity to ships at berths, through a mobile Onshore Power Supply (OPS), as well as to other port facilities, equipment and vehicle



### Port Advanced Biofuels

Provide new advanced biofuels, with low or zero emissions, to bunkering several types of ships and vessels, as well as port equipment and trucks



### Energy efficiency on buildings, services and port activities

Continue to promote energy efficiency measures in buildings, terminals, public lighting, and in port services and operations, together with the port community



### Green Land Use Concept

The new logistics and industrial area (ZALI) will be classified as a Green Port Area to be designed and managed accordingly



### Efficiency of Logistics Chains

Continue to improve the seamless flow of goods and modal shift, reduce inefficiencies and promote the growth of Port of Aveiro



### Digitalisation

Keep expanding digitalisation across the different areas of the port based on sensing, internet of things (IoT) and machine learning technologies to an effective transition into a Smart Port



### Port Community Network

Strengthen the port community network involving business, academia and industry, including SMEs, to find and enhance innovative solutions that could benefit everyone



### Smart Port Cities

Strengthen the cooperation with the municipalities in order to promote decarbonisation, green and smart mobility in order to improve air quality and health in the neighbouring cities



### Business, Investment and Funding Opportunities

Whenever possible, pursue national and international business, investments and funding opportunities to accelerate this transition towards a Green and Smart Port



### Did you know that...?

- The Port of Aveiro is developing a Digital Gate solution for automated entry and exit of people, freights and vehicles while providing real time information to the port logistics platform
- The operational car fleet of Port of Aveiro was updated with 100% electric vehicles
- 51% of the Port of Aveiro collected waste are recycled
- There is already a port community of the Port of Aveiro represented by all port related sectors
- The Port of Aveiro is already providing biofuels to its port community
- Green ships with the Rotterdam Bureau Green Award certificate have discounts in the Port of Aveiro
- The Port of Aveiro has installed solar panels for self-consumption at its headquarters building which have already guaranteed up to 42 % of the building's energy needs
- The sodium lighting, both public and in port terminals, in the Port of Aveiro is being replaced by LEDs, resulting already in energy savings up to 53%





# Porto de Aveiro



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## Social Media



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