



EU Strategy  
for the Adriatic  
and Ionian Region  
**EUSAIR**

## **Cross Pillar Project Idea: A\_I\_PORTENERHUBS** **Adriatic Ionian Port Energy Hubs**





# Adriatic Ionian Port Energy Hubs

- Cross Pillar project idea for **Pillar 1.** (Blue Growth) and **Pillar 2.** (Connecting The Region)
- The project Application form is under finalization and it will submitted with the **written procedure.**
- It has been already presented as project idea in the **TSG2** and has a initial approval.



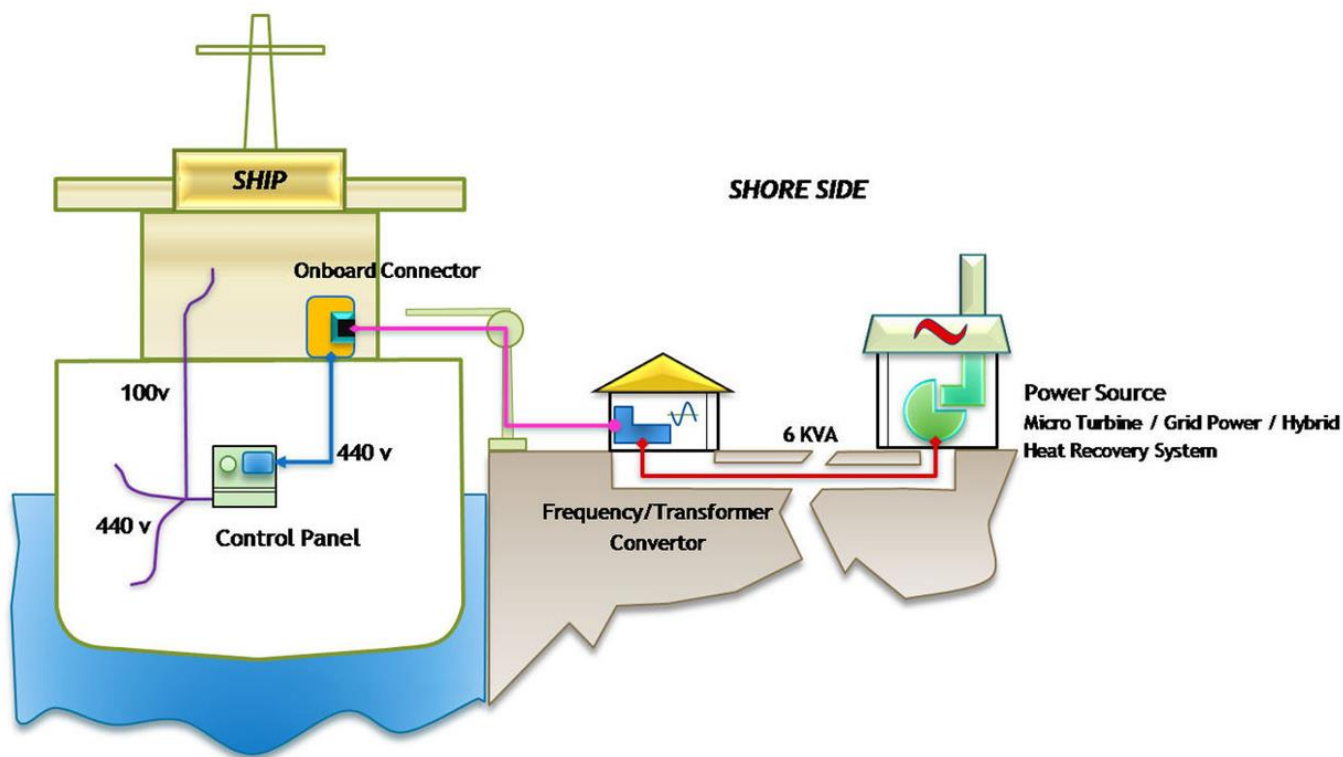
# Adriatic Ionian Port Energy Hubs

## The project idea

“Adriatic Ionian Port Energy Hubs” aims to examine and promote the use **Renewable Energy Resources (RES)** in ports and **Cold Ironing**, a process of providing shoreside electrical power to a ship at berth, while its main and auxiliary engines are turned off.



## Cold Ironing scheme





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## Project description

The project will serve as a **research, development & innovation platform** which among others, will support the establishment of a trans-boundary port cluster on RES and Cold Ironing on AI Macroregion. The platform will strengthen the cooperation of port authorities public admin, research institutes and businesses of AI Macroregion countries.



## Project description (cont.)

The proposed project puts forward solutions for energy production from RES at A-I Macroregion ports that will contribute to the following areas:

1. energy self-sufficiency of ports
2. supply of ships with clean energy (cold ironing)
3. contribution of ports to region/city net metering





## The objectives of the project

- i. to promote research, innovation and business opportunities in blue economy sectors according to **Pillar 1 (Blue Growth)**, by developing a research, development & innovation platform to facilitate the shore-based supply of electricity for vessels in ports and to support research for innovative propulsion modes and fuels.
- ii. In collaboration with **Pillar 2 (Connecting Region)** the objective is to promote renewable energy production and use, stimulating energy infrastructure development and creating a well-functioning SEE energy market.

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# Thank you for your attention!



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