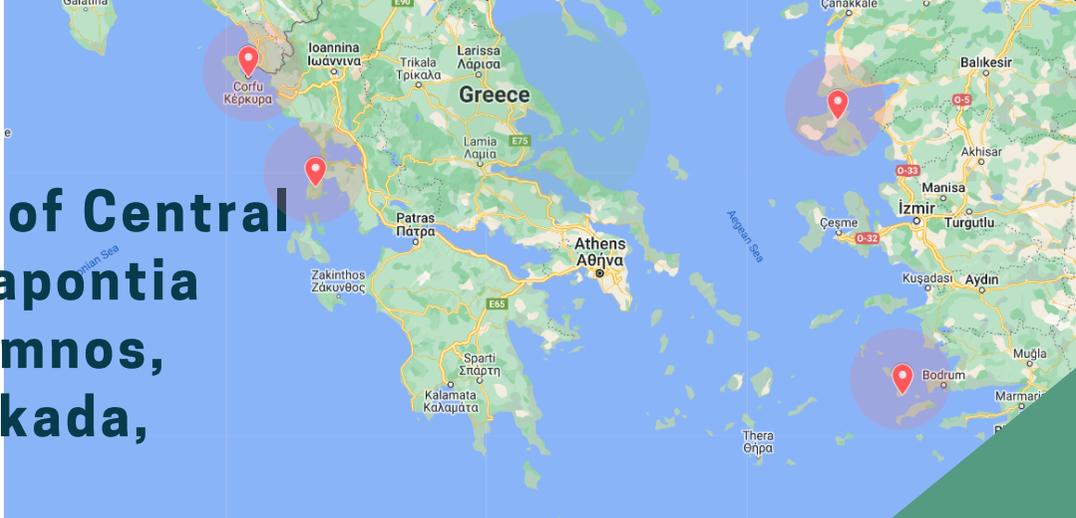


Taking collective action to tackle energy poverty in islands



Municipality of Central Corfu and Diapontia islands, Kalymnos, Mytiline, Lefkada, Greece



Collaboration between

Municipality of Central Corfu and Diapontia islands, Kalymnos, Mytiline, Lefkada / DAFNI Network of Sustainable Greek Islands, NGO

Energy poverty phase



Diagnosis



Planning

Intervention type



Data analysis



Energy efficiency

Professionals involved

Members of local government
Technicians

Sustainable development goals

1 NO POVERTY



3 GOOD HEALTH AND WELL-BEING



7 AFFORDABLE AND CLEAN ENERGY



11 SUSTAINABLE CITIES AND COMMUNITIES



17 PARTNERSHIPS FOR THE GOALS



Mytiline & Kalymnos in the Aegean Sea, Corfu & Lefkada in the Ionian Sea are four islands that present comparable challenges. The dimension spans from 130 to 600 km² with a population between 16 000 and 102 000 inhabitants. In all the islands many deteriorating factors regarding energy poverty are identified: income seasonality, lack of gas grids, aged building stock, inefficient heating systems, building corrosion, high renovation costs, limited access to ICT infrastructure etc.

The population faces multiple issues directly or indirectly related to access to energy: unemployment (from 15% to 19%), lack of heating (from 4% to 43%), or use of imported fossil fuel (from 14% to 66%), total lack of insulation (from 36% to 69%), single-parent families (from 13% to 16%), lack of internet access (above 64%) etc.

On top, the islands present an additional burden due to their geographical characteristics. This very specific local context requires dedicated expertises and knowledge.

The technical assistance will develop around four main topics: the methodological and technical support to properly diagnose and map energy poverty taking into consideration all the specificities of small islands; the identification of the best approach to develop a centralised One-Stop-Shop; definition of the possible viable instruments to use to increase awareness and engage the citizens; the inclusion in the local climate plan of energy poverty indicators. The technical assistance shall guarantee a continuous transfer of knowledge and experience to the local staff to guarantee their independence and thus the sustainability of future actions.