

## **Abstract**

PEPESEC supports the development of sustainable energy communities by increasing the role of local community planning in developing a more efficient supply, distribution and use of renewal energy sources (RES) and conventional energy, demand-side management and associated mobility.

It will achieve this through improved energy planning methodologies which will be further developed by innovative techniques to facilitate the involvement of citizens, politicians, market actors and other stakeholders in more effective delivery of energy planning.

Results are improved impacts and outcomes in terms of the significant economic, social and environmental benefits of developing a low-carbon economy and shaping a sustainable energy community in the participating city-regions: Greater Manchester, Manchester and Oldham (two core municipalities in the Greater Manchester metropolitan city-region), Malmo and Murcia (both focusing on two local communities within the city-region), Genoa, Amaroussion (the largest municipality within the Athens metropolitan city-region), Thessaloniki, ISD and FEWE.