THE HOUSING DEMONSTRATION PROJECTS

Brighton & Hove City Council will invest in 3 pilots of solar related solutions for social housing in the city. These could include offering local energy tariffs, utilising storage or solar PV-thermal (PVT) systems, installing multiple smaller arrays on blocks of flats or running zero-carbon heating systems.



THE HISTORICAL AND PUBLIC BUILDING DEMONSTRATION PROJECTS

The municipality of Middelkerke will invest in a solar installation on the heritage mill of Leffinge. This will be connected to a small smart grid with storage facilities and towards the network of public lighting in the neighbourhood where the mill is located.

The city of Fourmies is going to renovate 3 elementary schools with a roof surface of 2.680 m² that will be covered with solar panels. At the same time the city wants to invest in other innovative approaches such as a smart grid, storage and electric vehicle charging.

The municipality of Zoersel is building a new city hall that integrates the historic public building "Pastorium" that will be renovated. As it is impossible to put solar panels on a historic building, Zoersel will invest in thermic solar roofing tiles connected with an ice store system.

Based on a feasibility study **the City of Middelburg** will install solar technologies on different buildings in the inner historic city. The city will try to avoid peaks on the grid by using the energy in the buildings, public lighting (LED), battery storage and charging points for bikes, cars and mobile phones. The municipality of Middelburg will develop and design in close cooperation with the Bèta College Zeeland a living lab with the focus on interventions in historical cities. Small innovative installations will be established in the city center.







SOLARISE

European Regional Development Fund



WHAT IS SOLARISE?

The Interreg 2 Seas project SOLARISE boosts the adoption of solar energy in historical and public buildings and for households with a focus on low-income families, and also shows future technologies through living labs. Another aim is to lower the impact of the solar renewables on the electricity grid by, for example, installing storage capacity.

Through developing guidance, tools, business cases, SOLARISE wants to facilitate the broad roll-out of new solar and storage technologies. By experimenting in demonstration projects and living labs, SOLARISE wants to eliminate legal and organisational barriers and develop viable business cases.

THE LIVING LABS

Université Jules Vernes Picardie is building a solar installation in an existing research building showing the newest technologies for electricity generation and storage, water heating and heat storage, grid connection and energy management.

KU Leuven, technology campus Gent is installing on its own buildings in Gent, innovative PV and hybrid PV/thermal systems including its own developed monitoring system. It is accompanied by smaller in-lab set-ups to show the performance of various solar technologies.

The University of Portsmouth intends to equip the Port Eco-House and the Future Technology Centre with various solar technologies to create a living laboratory that will be used for research, teaching, training and demonstration in the area of photovoltaic solar energy.







Solar adoption in the 2 Seas

Visit our website www.interregsolarise.eu Contact us at info@interregsolarise.eu

Project partners:



Lead partner

Université de Picardie Jules Verne (UPJV) Mr Ahmed Rachid 33, Rue Saint LEU, 80000 Amiens - France 00-33-322 827 805 rachid@u-picardie.fr

Communication:

Flux 50 Mr. Nick Deknudt Koningsstraat 146, 1000 Brussel - België 00-32-475 24 24 24 nick.deknudt@flux50.com

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