SOLARISE Project

Interreg 2 Seas Mers Zeeën

PRIORITY AXIS

Low Carbon Technologies

SPECIFIC OBJECTIVE

Low Carbon Technologies

SOLARISE raises solar awareness and reduces carbon footprint in the 2 Seas.

SOLARISE will potentially provide 184.000 tCO2 reduction over 25 years.

SOLARISE Consortium

- ❑12 partenaires
- ❑14 observers

Project budget
4 302 023 €
ERDF amount
2 581 214 €

ERDF rate **60**%

Start date: **01/01/2018**
End date: **30/06/2021**

SOLARISE Partners

★ University of Picardie Jules Verne
Lead partner

- KU Leuven – Technology campus Gent
- Kamp C
- Flux 50
- Municipality Zoersel
- Fourmies City
- City of Heerhugowaard
- Brighton & Hove City Council
- Enercoop Nord-Pas de Calais - Picardie
- University of Portsmouth Higher Education Corporation
- City of Middelkerke
- Municipality Middelburg

Observers

- Stad Brugge (BE)
- Beauvent cvba (BE)
- Création Dévelopment Eco-Entreprises (cd2e) (FR)
- Isle of Wight Council (UK)
- Business, Energy and Industrial Strategy Department, UK Government
- UK Power Networks (UK)
- Woonproject Saint-Antonius van Padua (BE)
- Organisatie Duurzame Energie (BE)
- Resourcefully (NL)
- Southern Water (UK)
- Avans Hogeschool (NL)
- Ville de Saint-Quentin (FR)
- Technische Universiteit Eindhoven (NL)
- Conseil Régional Hauts de France (FR)

The main objective of SOLARISE is to stimulate, broaden and accelerate solar energy adoption throughout the 2 Seas by :

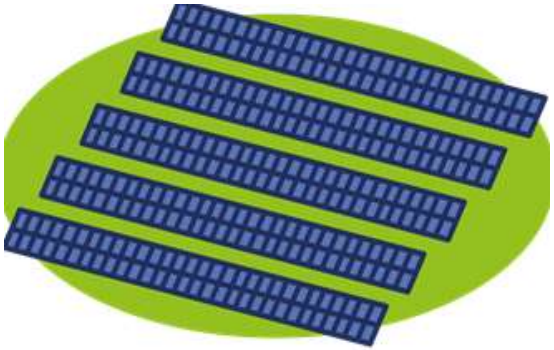
- Identifying and overcoming barriers;
- Using smart grids, electricity/heat storage, internet of things and energy management systems;
- Proposing cost-effective and affordable solutions;
- Implementing innovative living-labs and a series of demonstrations in public buildings/infrastructure and in households with low income families;
- Delivering training tools and roadmaps.

Support the EU to meet its target of 20% energy consumption from renewables by 2020.

Main outputs

- Guide package on legislation, market and Innovative technologies (Legislation, regulation, Market analysis; Cost and investment models, Innovative technologies, benchmarks)
- Feasibility of Potential solar projects (schools, buildings, houses, cinema, swimming pool, solar farm, heritage mill, commercial centre…)
- Solar installations in historical/heritage buildings and public infrastructure. Implementation at housing sites. Living Labs & pilots
- Campaign to boost solar power adoption (Training & education, Web-platform...)
- Roadmap for Solar power

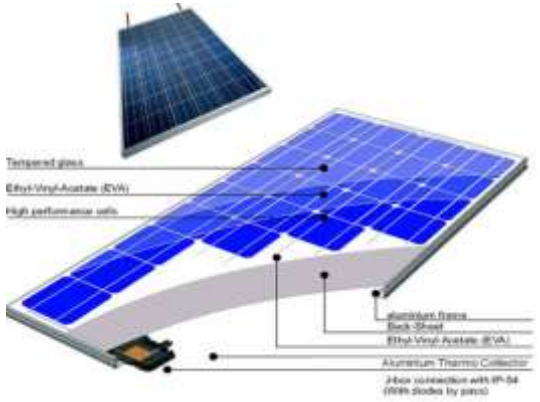
SOLARISE VARIETY of COMPONENTS & TOPICS



Near, city- connected Solar farm

Solar Building integration

Multiple, connected houses



New panels Electricity & Heat

Battery powered EV

2nd Life Neighbourhood Battery

SOLARISE WPs

WP1: Contextual Framework

WP2: Feasibility case studies

1.Living Labs
2. Domestic, Historical & Public Building
3. Solar farms

WP3: Accelerating solar uptake

WP4: SOLARISE installations

WP 5: Project Management

WP 6: Communication

Start:03/18 ----------End:09/21

SOLARISE WPs

WP	Responsible	Title	Budget
1	PP2 - KU Leuven	Contextual framework	434,514.90
2	PP7 -UoP	Feasibility studies of solar projects	568,573.20
3	PP3 – BHCC	Accelerating solar uptake	582,357.25
4	PP11 -Middelburg	Installations	1,733,468.71 27% of the total
5	LP1 – UPJV	Project management	560,704.55
6	PP6 - Flux 50	Communication	421,281.90

Interreg

EUROPEAN UNION

2 Seas Mers Zeeën

SOLARISE

European Regional Development Fund

https://interregsolarise.eu/

SOLARISE will produce:

- **16 outputs,**
- **more than 160 deliverables,**
- **22 solar case studies,**
- **8 installations.**

Thank you for your attention