



7 Innovations
17 Partners
4 Demo-sites

EnergyMatching

DEMONSTRATION AREAS

ITALY / SWEDEN / FRANCE
/ THE NETHERLANDS /

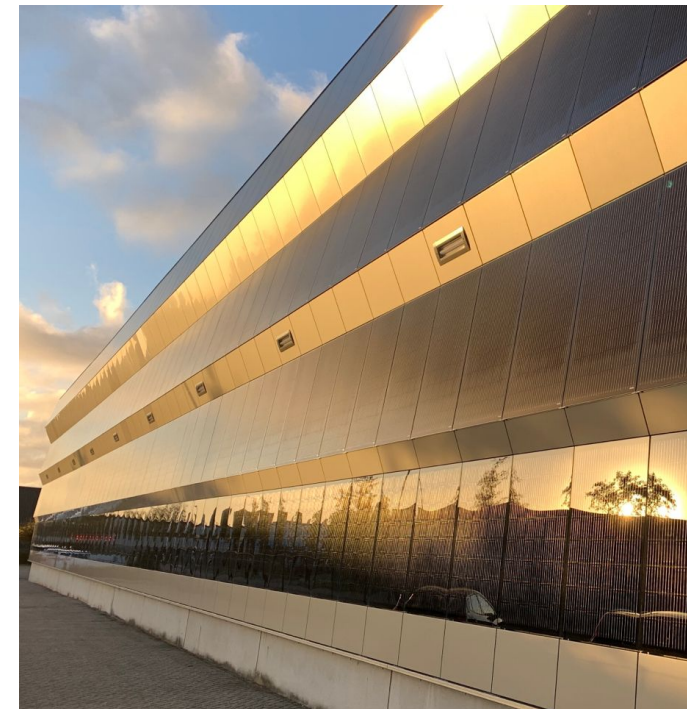


Building innovations

MAXIMISE RENEWABLE ENERGY HARVESTING

The EnergyMatching project aims to maximize renewable energy harvesting in the built environment by developing and demonstrating cost-effective active building skin solutions.

The project has developed BIPV (building integrated photovoltaics), HVAC (ventilation and cooling) as well as interactive software and building construction solutions, which enabled the renovation of buildings in the project's demonstration sites.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 768766.



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EnergyMatching.eu

#EnergyMatching



RENOVATION

Europe is boosting the reduction of the EU building stock energy demand by 80% by 2050 through renovation. To demonstrate the possibilities of new energy innovations in building renovations, the EnergyMatching project **renovated buildings at four different locations in Europe**. At each location, different technologies and innovations were implemented. The buildings renovated were transformed with better insulation, energy production and integration of new energy innovations. Before the renovations, the energy impact of the innovations was analysed with the EnergyMatching Tool. The goal of the project is to match the right innovation for a project renovation..



Explore the renovated sites energymatching.eu



SOLUTIONS IMPLEMENTED

CLICK-&-GO:
efficient and cost-effective PV installation solution



SOLAR WINDOW BLOCK:
Integrated PV, ventilation and shading pre-fab window



ENERGY HARVESTING PACKAGE:
interconnected heat pump



ENERGYMATCHING TOOL & PLATFORM:
Interactive tool to match Energy solutions to buildings



BUILDING & DISTRICT ENERGY HARVESTING SYSTEM:
interconnected building components, HVAC, SOLAR communication



For a detailed overview of the technologies, visit energymatching.eu

Innovations which transformed buildings



Within the EnergyMatching project we have transformed buildings with the innovative Click-&-Go technology.

PAUL STASSEN
TULIPPS BV



BEFORE & AFTER AT THE ITALIAN DEMONSTRATION SITE

Demonstration sites



Apartment complex
Italy



Multi-house complex
Sweden

Scan QR for more info

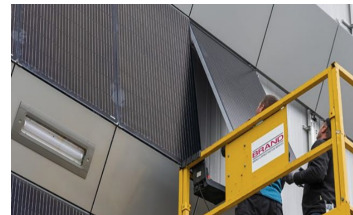


OPEN YOUR SMARTPHONES CAMERA APP AND SCAN THE QR CODE FOR MORE INFORMATION

Technologies



Demonstrated in Italy, France
Solar Window Block



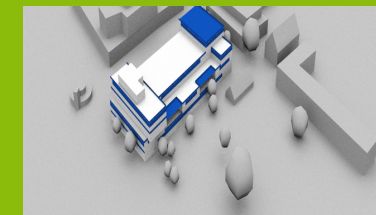
Demonstrated in NL, Italy, Sweden
Facade Click-&-Go



Building District Harvesting system



Versatile Click-&-Go system for roofs



EnergyMatching Platform & Tool



Renewable Harvesting Package Heating & Ventilation

Innovation partners



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