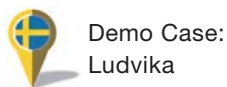


*Countries involved (Green)
& demo sites flagged*



Demo Case:
Ludvika



Demo Case:
Saint Aubin sur Scie



Demo Case:
Comune
Campi di Bisenzio



*Learn more about
our project*

www.energymatching.eu

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Project Partners



**ADAPTIVE AND
ADAPTABLE ENVELOPE
SOLUTIONS FOR
ENERGY HARVESTING
TO OPTIMIZE EU
BUILDING AND DISTRICT
LOAD**

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The project

EnergyMatching recognizes the potential of cost-effective adaptive and adaptable building skin solutions as part of an optimised building energy system for maximizing the RES harvesting in the EU built environment.

EnergyMatching aims to:

1. Define adaptive and **adaptable envelope solutions for energy harvesting** at building level
2. Integrate energy harvesting solutions into the **building and district energy** concept
3. **Geo-cluster solutions and replicate** their potential

Exploitable results

The network of EnergyMatching results is based in three pillars:

- Methodological framework and business vision
- Adaptable and adaptive skin technologies
- Building and district energy LAN

Expected impact:

The results of the project will be tested in **3 demo sites (France, Italy and Sweden)** and will lead to the following measurable impacts:

- Reduced cost of manufacturing, installation and operation of energy harvesting technologies at building and district scale

- Demonstrated replicability that will result in the acceleration of the integration of RES into EU diversified residential buildings and districts
- Cost-effective solutions supported by advanced economic and business models for investors
- Maximisation of RES generation, demand coverage and optimal integration of RES with the energy grids
- Market penetration of effective, modular, robust and easy to integrate energy harvesting solutions
- Revitalization of the EU construction / energy harvesting sectors and reduction of GHG emissions
- Improved IEQ with optimal control and natural sources exploitation

