



EDILIANI

Low-carbon technologies for heating and cooling in buildings

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Hybrid solar / thermal collectors
including storage
and advanced PVT modules for facades

The company

EDILIAN (former IMERYS-Toiture)

- the main French clay tile maker
- 1 000 employees
- building envelope products
- development of renewable energy systems for houses and buildings



The project

To develop tools to increase self-consumed energy at building level

- large scale (few m²) hybrid solar / thermal collectors
- large capacity heat storage (at least equivalent to one week of heat consumption)
- PVT modules for facade (in particular nice appearance modules)

facade collect more energy than roof in winter and can be deployed on larger areas

The project

Need for

- modelling (thermal and heat transfer)
- large capacity heat storage
- PVT modules for façade
- Energy Management System
- Characterization in various climate conditions
- ...

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