

# INNOVATE

## Integrated solutions for ambitious energy refurbishment of private housing

Buildings are responsible for 40% of energy consumption and 36% of CO<sub>2</sub> emissions in the EU. The **residential sector** represents 75% of the European building stock and, on average, more than 34% of CO<sub>2</sub> emissions on cities' territories. This sector is therefore a **key action area** for all local and regional authorities who are committed to ambitious energy and CO<sub>2</sub> saving targets.



For homeowners, the **energy refurbishment** process lacks clarity. For some, it is not even obvious why saving energy is important. They ignore the multiple benefits of energy refurbishments such as return on investments, increase of the property value, thermal comfort... Others are aware of it, but do not know what measures they can take, what these will cost or even how to start. Moreover, renovation competes with other households' investment priorities such as buying a new car or kitchen.

Implementing energy retrofits of residential buildings involves a myriad of market actors - construction companies, craftsmen, real estate agencies, financing institutions, consultants, energy auditors - who are not organised and coordinated so as to offer **easy, global and guaranteed energy saving solutions** to homeowners.

Cities and regions know the best the buildings, energy sources and people in their territories. They are in the most favourable position to develop together with their partners **integrated energy efficiency service packages** attractive for homeowners.

Such a package should include:

- Long-term and affordable financing
- Coordination of a chain of suppliers and contractors to deliver a global high quality solution to homeowners
- Independent advisors who accompany homeowners through the renovation process from A to Z and guarantee its high quality at each stage: information > preparation > financing > implementation > monitoring of results.
- Development of products adapted to consumers' concerns
- Targeted marketing & communication

**The main objective of the INNOVATE project is to develop and roll-out integrated energy efficiency service packages in 11 target territories (UK, NL, CZ, CY, ES, LV, BE, DK, IT, SE)**

<b>Programme</b>	Horizon 2020
<b>Coordinator</b>	Energy Cities
<b>Partners</b>	Vesta Conseil & Finance (FR), KAW Holding BV (NL), Municipality of Frederikshavn (DK), Institut Bruxellois pour la Gestion de l'Environnement (BE), Riga Energy Agency (LV), Municipality of Litoměřice (CZ), Municipality of Aradippou (CY), Linnaeus University (SE), Municipality of Mantova (IT), Municipality of Heerlen (NL), The Extremadura Energy Agency (ES), Parity Projects (UK)
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