ENERGATE Project Overview

4th Regional Training Workshop in Budapest

Investing in Efficiency: Financing Pathways for Energy – Efficient Buildings in Hungary and Central and Eastern Europe

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Co-funded by the European Union under project ID101076349. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or CINEA. Neither the European Union nor the granting authority can be held responsible for them.

The Challenge

Building side VS Financial side

Building side

Needs

- Access to finance
- Technical expertise
- Simplified processes

Interests

- Energy and cost savings
- Property value enhancement
- Enhanced Comfort and Indoor Environment Quality

Barriers

- High upfront costs
- Complexity of procedures
- Lack of awareness and information

Financial side

Needs

- Reliable data on EE projects
- Large financeable packages
- Project evaluation and risk assessment

Interests

- Investment Security
- Sustainable Investment Opportunities
- Portfolio Diversification

Barriers

- Perceived Risks
- Lack of Standardised Procedures
- Uncertain or weak economic environment

The ENERGATE Project

ENERGATE
ENERGY EFFICIENCY MARKETPLACE

https://energate.epu.ntua.gr/

Smart energy marketplace for sustainable investments

January 2023 – December 2025

The ENERGATE vision

Enable easy, predictable and risk-weighted renovation investments

Project development of retrofitting actions

Access to sustainable finance for renovation projects

Business matchmaking in a user-friendly ICT-enabled platform

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EPU
N · T · U · A

The ENERGATE Consortium

- **Well-balanced in terms of company types, expertise and value chain.**
- **Complementary expertise, from research and industry area:**
  - Research
  - Public sector
  - Consultants
  - ESCO
  - Asset managers
  - IoT, cloud-based service providers
  - International organization
  - HVDC Associations
- **Deliver successful exploitation of project results**

Project Coordinator

Project Objectives

Project development

A large standardized project development facility for EE project sponsors and owners or private or public entities

Feedback loops

Appropriate feedback loops that will measure the impact of the ENERGATE platform, i. e. by means of suitable M&V processes.

Aggregation

An aggregation, due diligence, and cash flow enhancement process, where projects and measures shall be packaged and enhanced appropriately, to be offered to financiers

Business matchmaking

Providing added value services to all of its users, by enabling business matchmaking, quality assessments and user profiling and generally facilitate data and information exchange.

ENERGATE is an energy efficiency marketplace, where some parties would use it to increase the probability of their projects being financed and some parties would be able to source ready-made projects and build portfolios.

https://energate.epu.ntua.gr/

ENERGATE
ENERGY EFFICIENCY MARKETPLACE

Platform Stages

Zero

- User profile
- Registration
- Insertion of user-related data

Fetch

- Collection of structured information about projects
- Ensuring that key technical and commercial information is properly declared

Process

- Identification of similarities between projects and investors KPIs
- Project aggregation and bundling
- Matching opportunities with investors (financial and energy related KPIs)

Deliver

- Follow up on projects
- Validation of M&V methodologies
- Definition of relevant KPIs and benchmarks

https://energate.epu.ntua.gr/

ENERGATE Target groups

Category A

Building Owner

- Building manager
- Property manager
- Asset manager
- Real estate agent etc.

Public Body

- Municipality
- Public procurement body
- City/ Region
- Commune etc.

Implementor

- Project developer
- ESCO
- Energy consultant
- Engineering company etc.

Category B

Financier

- Private financing body
- Public financing body
- Investor
- Financial institution etc.

ENERGATE user categories

Building owners

Private owners, building administrators, building managers, asset managers, property managers, and real estate developers

Use the platform to:

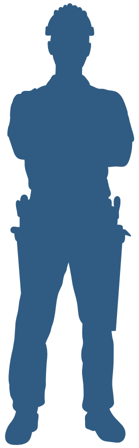
- Create profiles for your buildings
- Select energy efficiency measures to be applied
- Select preferred type of financing
- Search for renovation experts

Financiers

Funds, investors, banks financing bodies, financial institutions

Use the platform to:

- Declare financial and non-financial criteria to be matched with projects
- See the projects ranked according to the declared criteria and preferences
- Access information about the projects
- Provide financial support
- **Banks: promote their financial products**



Implementors

Project developers, ESCOs, architect & design companies, engineering companies, real estate companies with technical teams in-house

Use the platform to:

- Insert buildings or be matched with buildings that need renovation
- Extract well-structured offers with project details
- Aggregate projects
- Find financial support

Public bodies

Municipalities, cities, regions, communities, public procurement bodies

New!

Use the platform to:

- Announce energy efficiency projects to inform Implementors and Financiers about upcoming renovation needs
- Explore EU/national funding for public sector projects
- Notify users of needed support based on project stage and budget
- **Match with Financiers for KPI-defined projects with assigned Implementors**
- **Directly engage Implementors for small-scale, non-tendered projects**

ENERGATE Pilots

Deployment & validation phase to be done by indicative representatives from building and financing side – strategically selected to ensure diversity

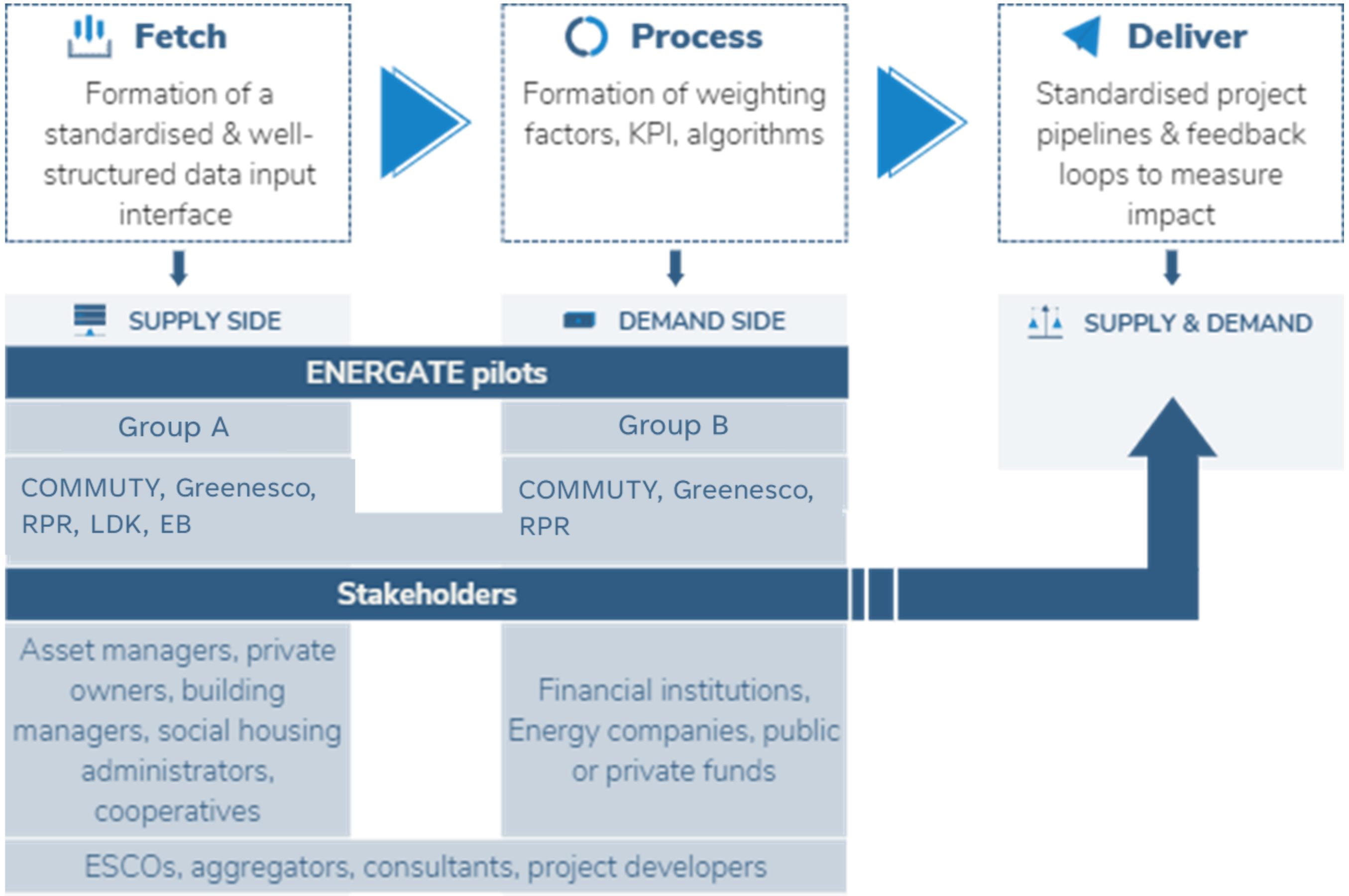
Energy Consulting, Design of cost optimal solutions for EE

SME, expertise of asset and project management

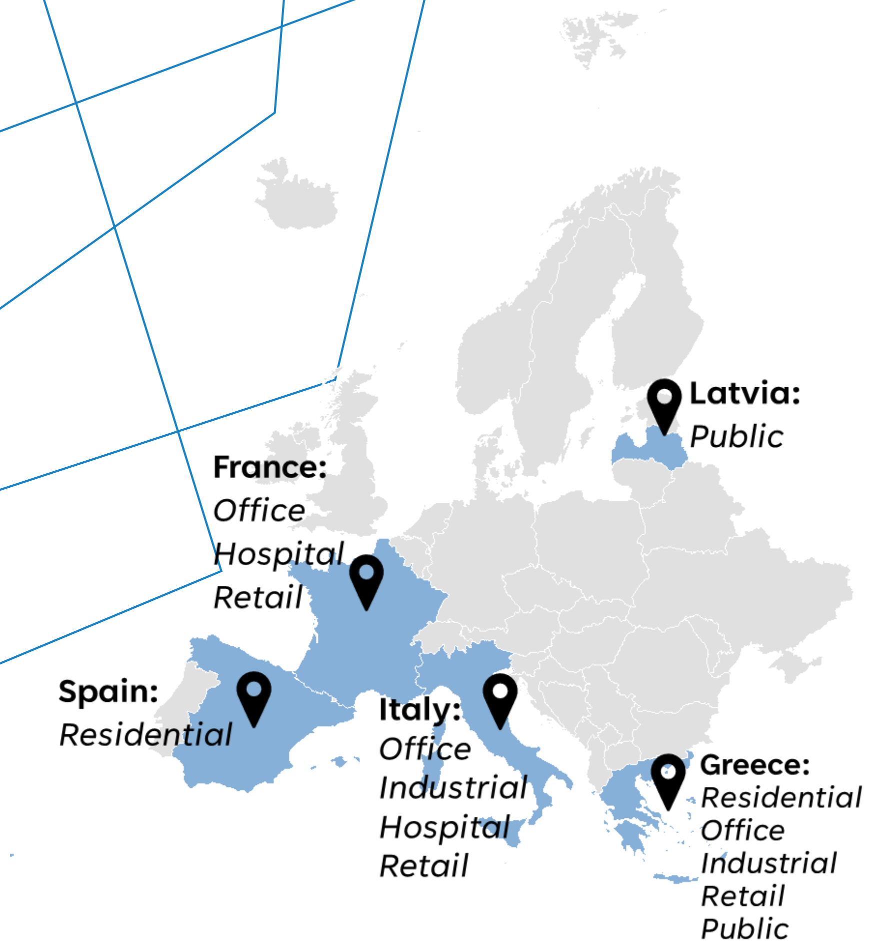
Turns energy-wasteful building into smarter (IoT, algorithms).

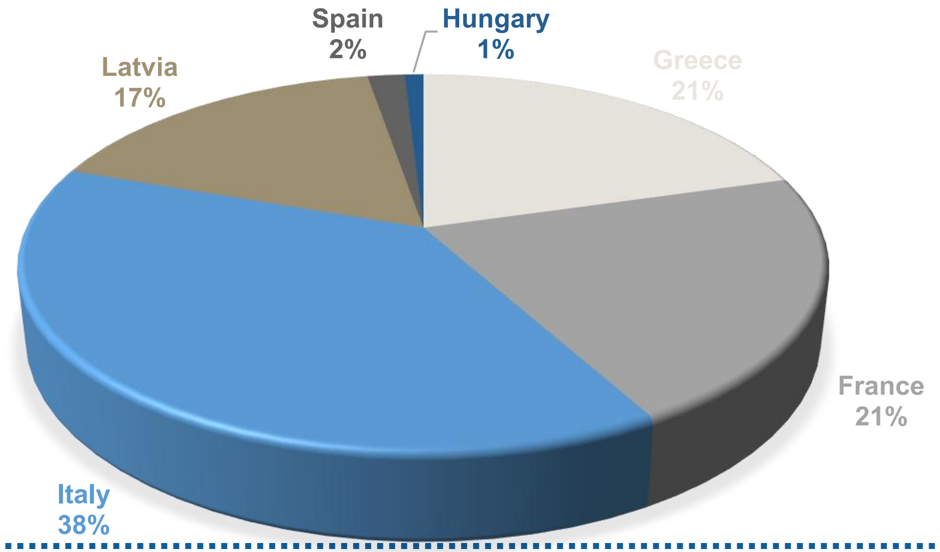
Planning socioeconomic development of Riga, identification of projects

Founded by Attica Finance & PPCR, access to infrastructures & buildings

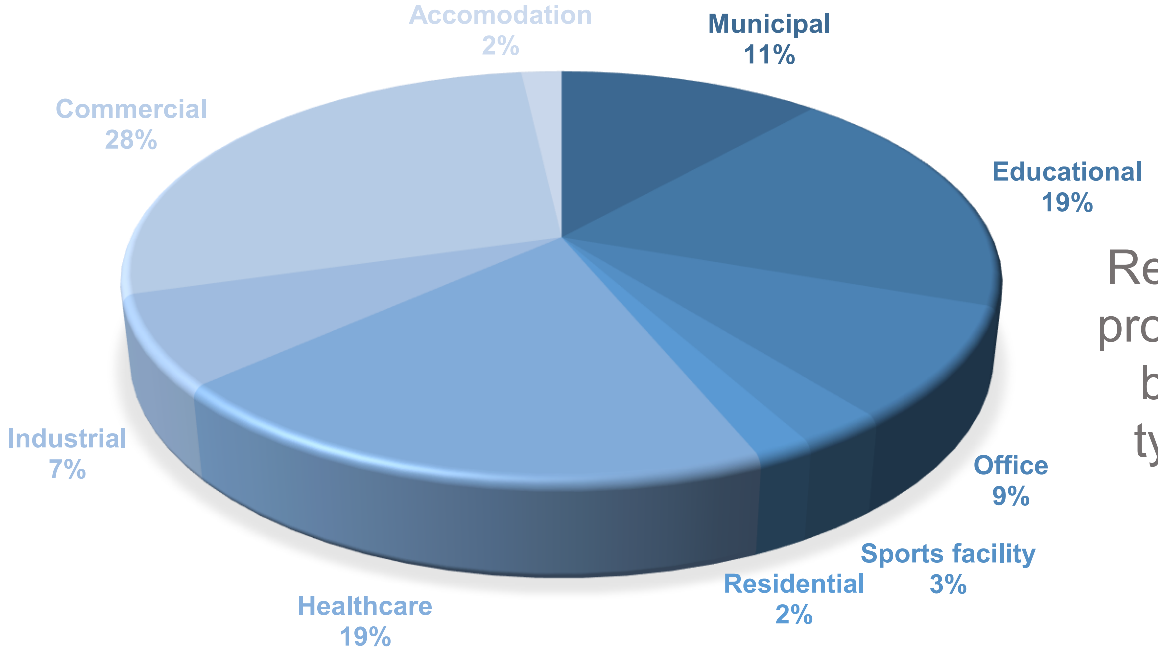


ENERGATE Pilots





Registered projects per country



Registered projects per building typology

Expected Impact

5 Pilot Partners

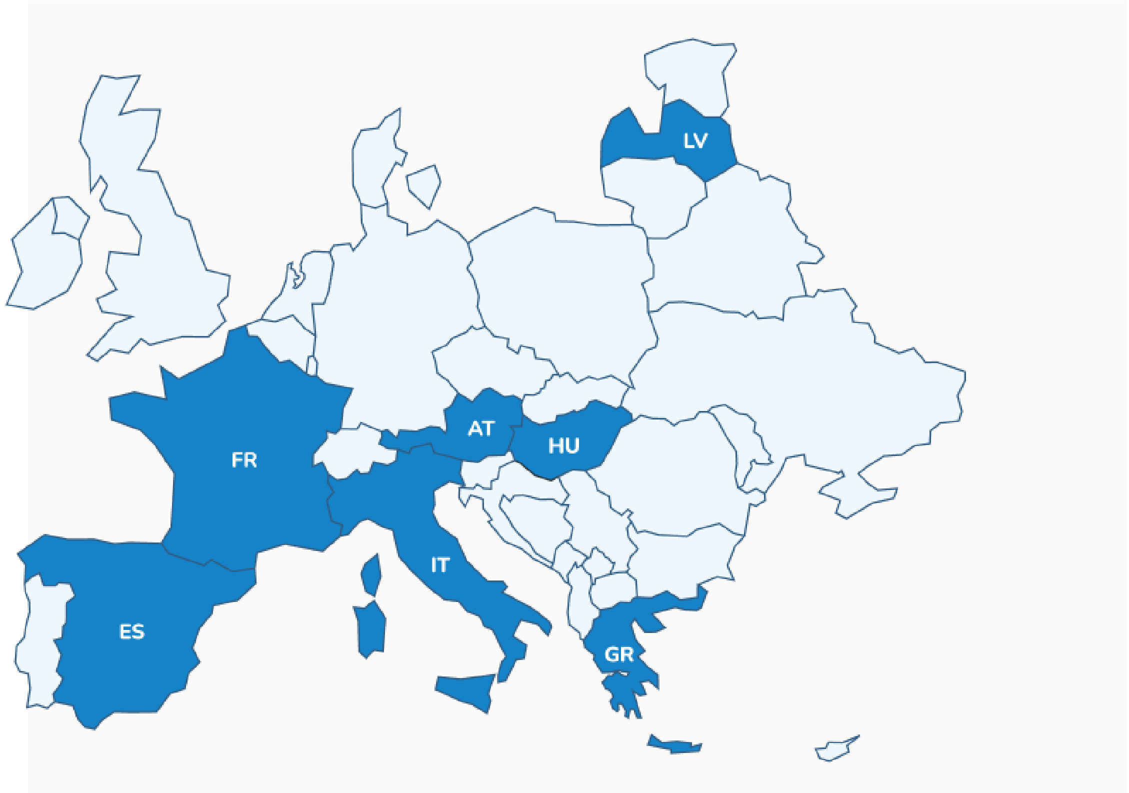
6 Countries

UP TO **66** GWh/year — Final energy savings

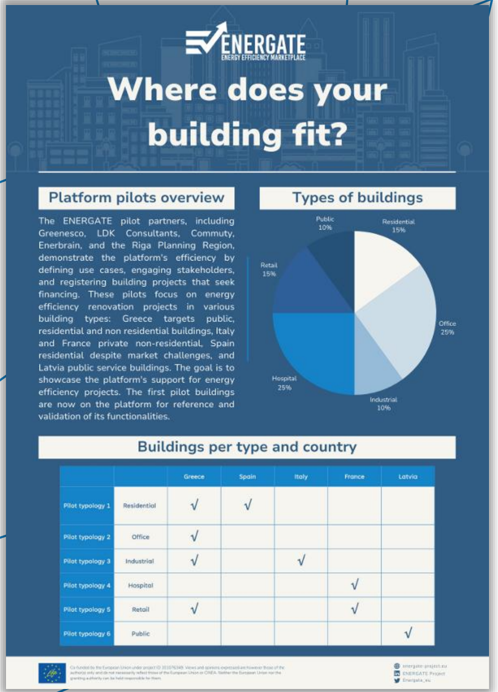
UP TO **180** — Building Renovation Projects

UP TO **86** tCO_2eq/year — GHG emissions saved

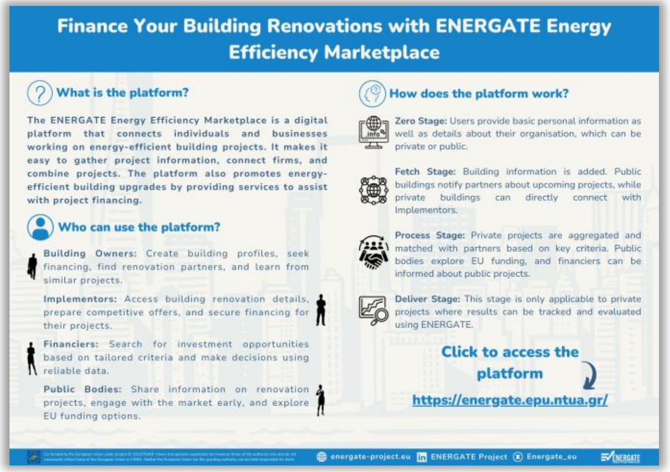
UP TO **157** Million Euros — Triggered investments



Explore our Results



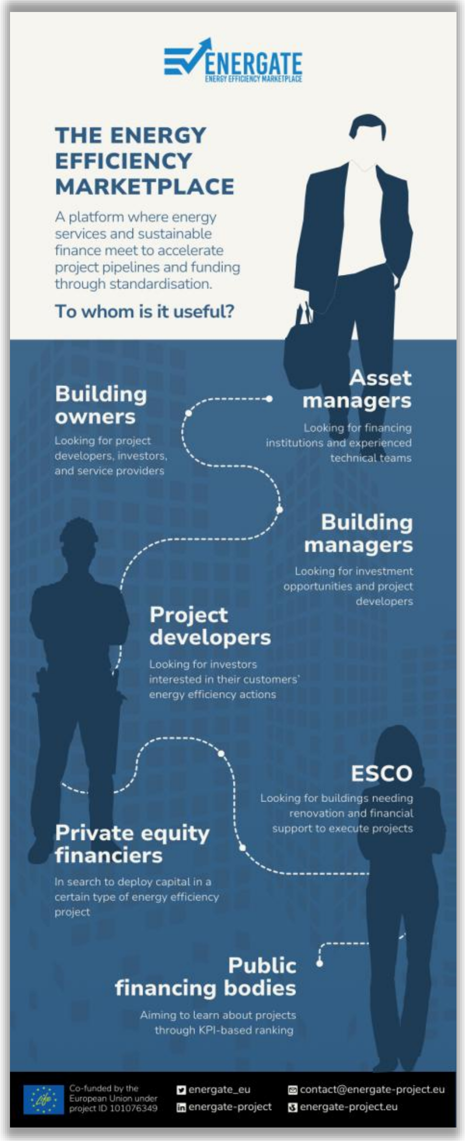
[ENERGATE Infographic on Planning the Main Pilot Typologies]



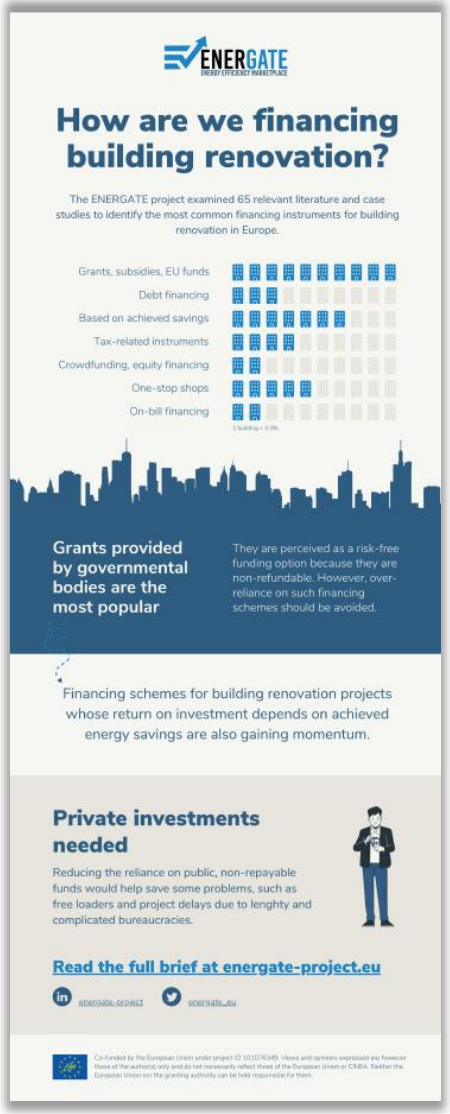
[What is the ENERGATE Platform?]

[ENERGATE Video]

[Discover ENERGATE - Your Energy Efficiency Aggregation Marketplace]

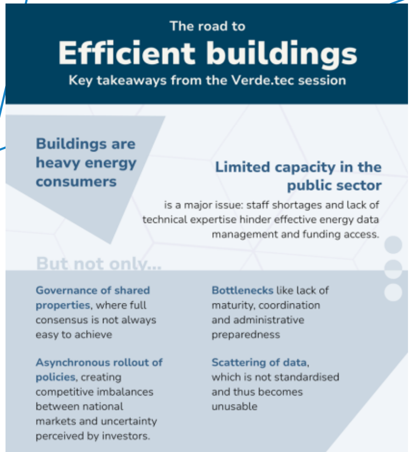


[ENERGATE Use Cases]



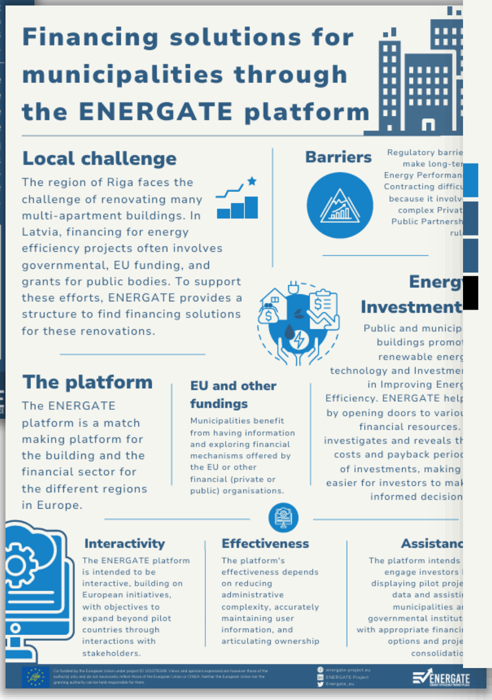
[ENERGATE Factsheet on Financing Typologies for Building Renovation]

Explore our Results

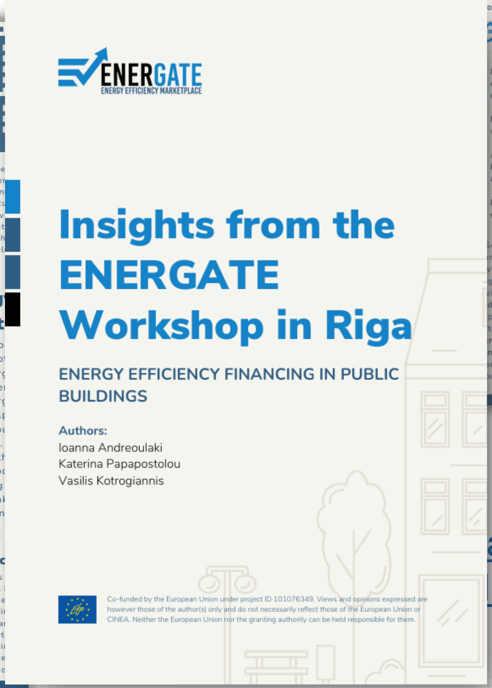


[Factsheet on ENERGATE Verde.tec International Exhibition Workshop](#)

[Factsheet on ENERGATE Regional Training Workshop in Madrid](#)



[Factsheet on ENERGATE 2nd Regional Training Workshop in Riga](#)



[ENERGATE Brief on 2nd Regional Training Workshop in Riga](#)

[Factsheet on ENERGATE National Workshop in Greece](#)

[Factsheet on ENERGATE 3rd Regional Training Workshop in Turin](#)

THANK YOU

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