



Sustainable Places De-risking EE investments

29.10.2020

EENVEST_ABSTRACT

EEnvest de-risks energy efficiency

EEnvest will develop effective evaluation methods for the technical/financial risk correlation by categorising a number of major technical risks and quantifying their impact on investors' confidence.

Those risks will be

- evaluated exploiting existing databases on building energy efficiency,
- organized into investor friendly benchmark track record and
- transferred on a web-based platform through secured blockchain networks





Technical risk evaluation

Structured framework to evaluate the risk of energy efficient renovation of buildings, including risk identification, impact quantification and mitigation measures.



Financial risk evaluation

Structured framework to convert technical risk evaluation into economic indicators, useful for financial risk evaluation through the use of solid knowledge based models.



Technical/financial due diligence

Standardized framework to evaluate energy efficiency investments for the renovation of buildings.

PROJECT RESULTS

EEnvest has three main results

- **Risk Rating models** for building energy efficiency solutions
- **Systematic technical/financial due-diligence framework** for energy-efficient building renovation
- **Investment evaluation platform** and benchmarking tool



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Deep-dive on EEnvest EE investment evaluation platform

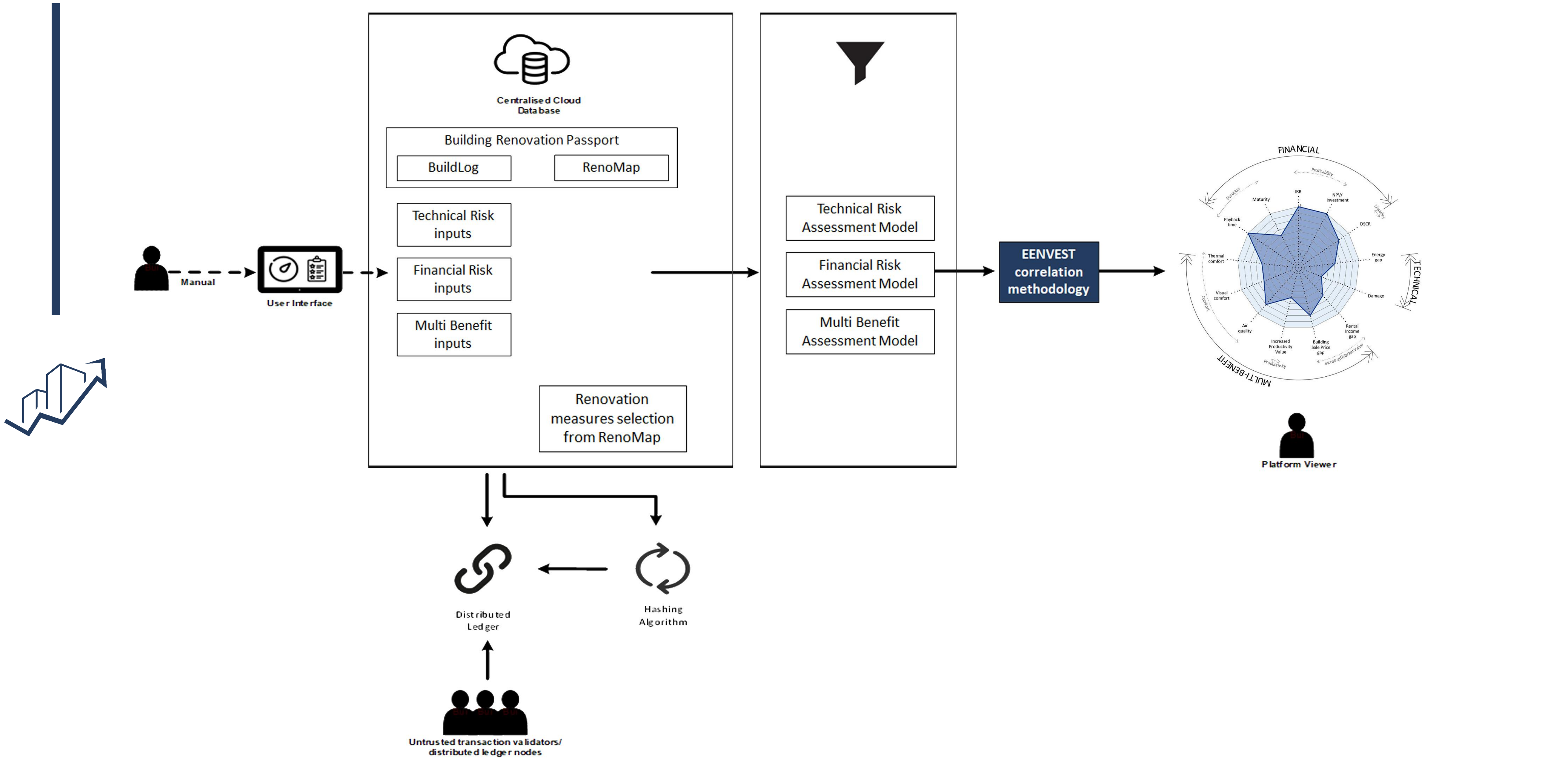


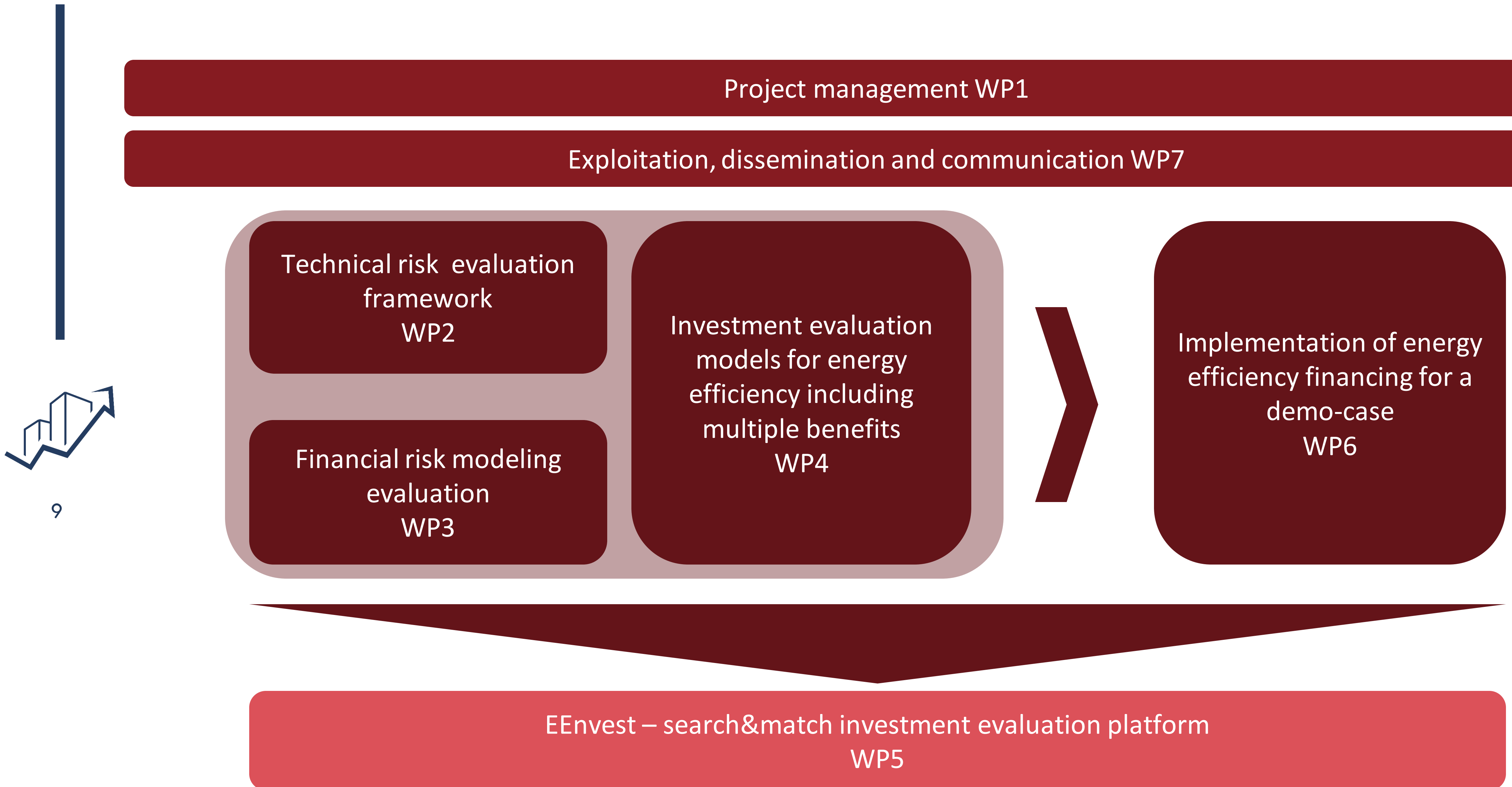
EEnvest platform goals

- a user-friendly online **platform to promote investments** in Energy Efficiency Building Retrofits
- which acts as a **marketplace connecting building owners with potential retrofit investors**
- using a complex risk probability calculation model that **simplifies the assessment** of potential outcomes for both sides...
- operating in a secure environment that **ensures data integrity**



EEnvest





EEnvest Community

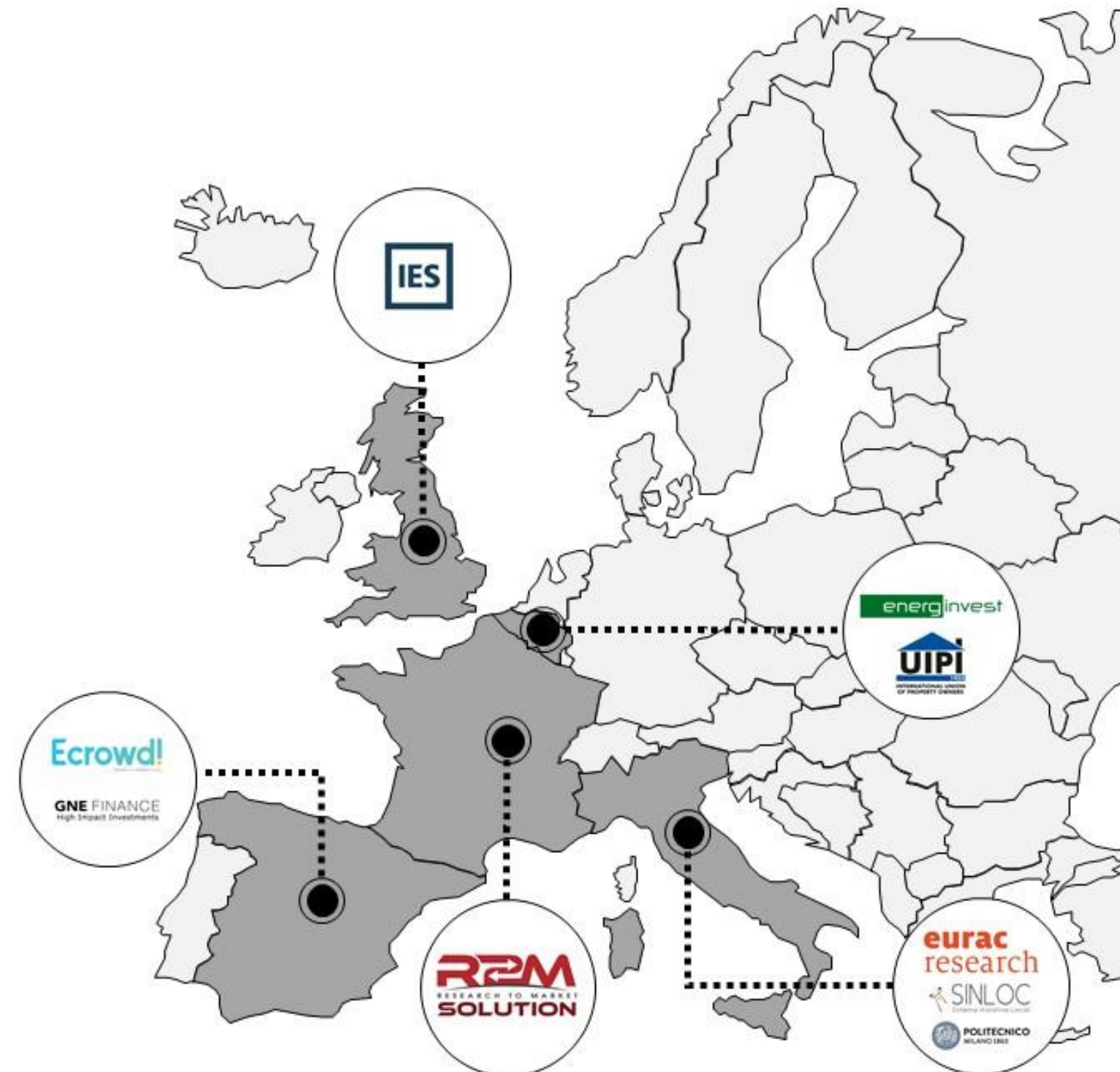
- Project coordinator – EURAC
- 9 Partners from the technical and financial field
- Supporting organizations
- Advisory Board – mixed excellent professionals from the financial and technical field



EEnvest project partners

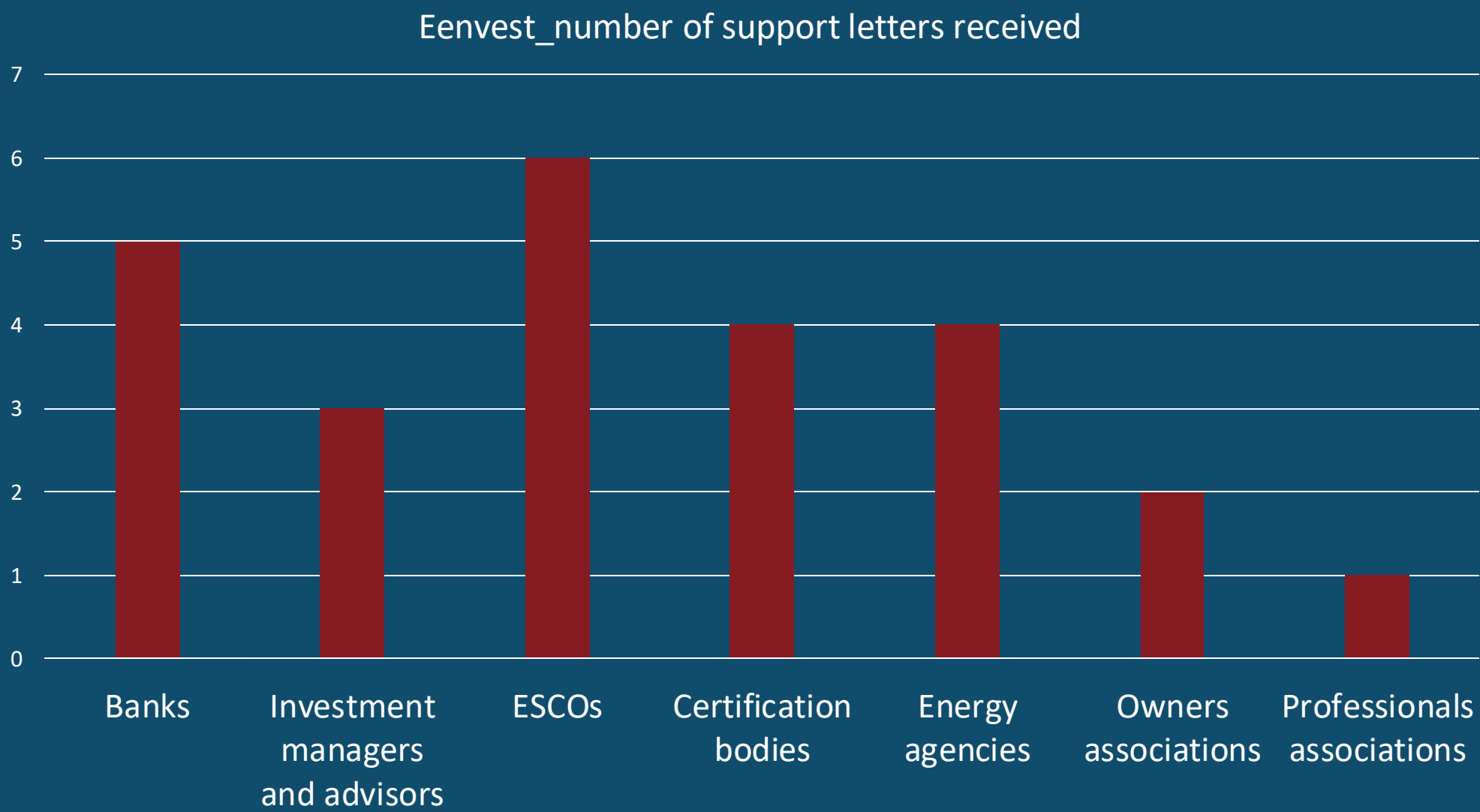


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Stakeholder community

EEnvest proposal is supported by 37 actors
Support letters were collected during proposal preparation



List of stakeholders

Real-estate owners and developers

- Aler Milano
- Prelios Integra
- IVE, Valencia Institute of Building
- Köhler & Meinzer
- Autonomy Province of Bolzano
- Bouygues Construction

Banks

- BNP Paribas Fortis
- BNP Paribas Fortis - confirmed member of EEnvest Advisory Board
- Unicredit
- Belfius Banque
- Monte dei Paschi di Siena

Investment managers and investment advisors

- PensPlan Invest SGR
- SUSI Partners, sustainable investments
- Duff & Phelps REAG S.p.A

Energy Service Companies

- FBP, Future is a better place
- Evolvere
- BELESCO, Belgian ESCO Association
- EDF, Luminus solutions
- Infrax
- 3I Efficientamento Energetico

Certification bodies

- GBCE, Green Building Council España
- RICS, Royal Institution of Chartered Surveyors
- Romania Green Building Council
- GBC Italia, Green Building Council

Energy Agencies

- Energieagentur Steiermark
- Energieinstitut Voralberg
- North-West Croatia Regional Energy Agency
- KSSENA, Energy Agency of Savinjska



List of stakeholders

Owners associations and representatives

- Consiglio nazionale dei centri commerciali
- Housing Europe

Professional associations

- Ordine degli Ingegneri della Provincia di Lecco

Research centres

- Building Performance Institute Europe
- CASE, Center for Social and Economic Research
- UPSOCIAL, Social Innovation for Communities
- Buildings 2030
- Lombardy Cleantech Cluster

Blockchain technology provider

- IOTA



Advisory Board composition

The AB is part of the **Impact Maximization Structure**.

The following groups are represented:

- Real Estate (PRELIOS)
- Credit Institution (BNP Paribas)
- Financial Investment Advisory (RDA Climate solutions)
- Energy Efficiency Advisory (Rodolphe Nicolle)





Thank you

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