

RENOINVEST project introduction

Date: 31.03.2025. Name: Dorottya Hujber, coordinator Event: 2nd International Roundtable



Roundtables enhancing smart Investments in sustainable Renovation of buildings project



Duration: 2. October 2023 – 1. April 2026 (30 months)

Countries involved: Austria, Hungary, Slovenia (Lead: EMI – Hungary)

Funding program: EU-LIFE 2022-CET-FINROUND

Grant Agreement number: 101120673

Goal:

RENOINVEST focuses on sustainable financing solutions for the renovation of existing **public and private buildings** in **Austria, Hungary and Slovenia**.

The main aim of the project is to **develop action plans** on smart investments in sustainable renovation of buildings for 2025-2030 (and 2050).

RENOINVEST **provides a platform for open dialogue** involving key financial, private and public experts through the roundtables and thematic working group activities



Consortium



AUSTRIA



Real Estate, Construction and Housing Istitute. Focus: housing finance and subsidy systems, housing policy, housing regulations, statistics.



RENOWAVE.AT is the innovation laboratory for climate-neutral building and neighbourhood renovations throughout Austria founded in January 2022.





HUNGARY

NON-PROFIT LIMITED LIABILITY COMPANY FOR QUALITY CONTROL AND INNOVATION IN BUILDING

Coordinator: ÉMI Non-Profit Limited Liability Company for Quality Control and Innovation in Building (ÉMI) is Hungary's largest complex institute in construction and building materials industry with more than 200 employees.



ArchEnerg is a leading International Renewable Energy and Building Trade Cluster based in Hungary with 80 members

SLOVENIA



Chamber of Commerce and Industry of Slovenia (CCIS) is a non-profit, nongovernmental, independent business. 20 branch associations, representing all important industry sectors of Slovenia.



Slovenian National Building and Civil Engineering Institute (ZAG) is a leading Slovenian research organization in the construction sector



Policy background

European Green Deal- Renowation wave

Fit for 55 package: EED, RED, EPBD REPowerEU





- Long-term renovation strategies
- National energy and climate plans

Austria:

- 100% decarbonisation of the building stock by 2040
- Renovation rate (across all building types) to be increased to 3% by 2030

Hungary:

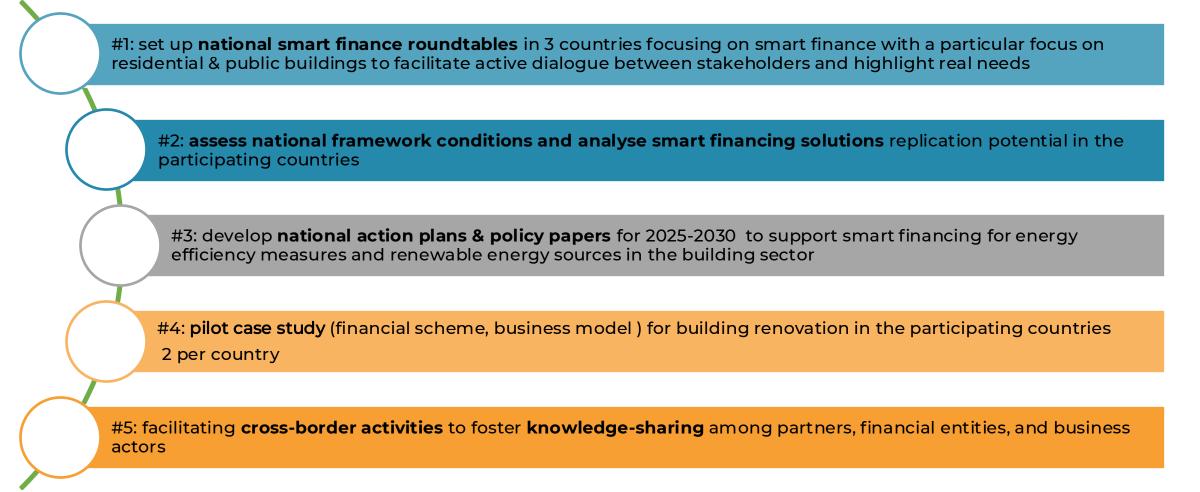
- Decarbonisation 20% by 2030, 60% by 2040, 90% by 2050
- Renavation rate of private building stock 3%/year and 5%/year of public building by 2030

Slovenia:

- 70% reduction GHG emissions; 2/3 of energy use in buildings from RES by 2030; 75% reduction CO2 Emissions by 2050
- 74% of single dwellings 91% of multiapartment buildings renovated by 2050

Renoinvest project objectives

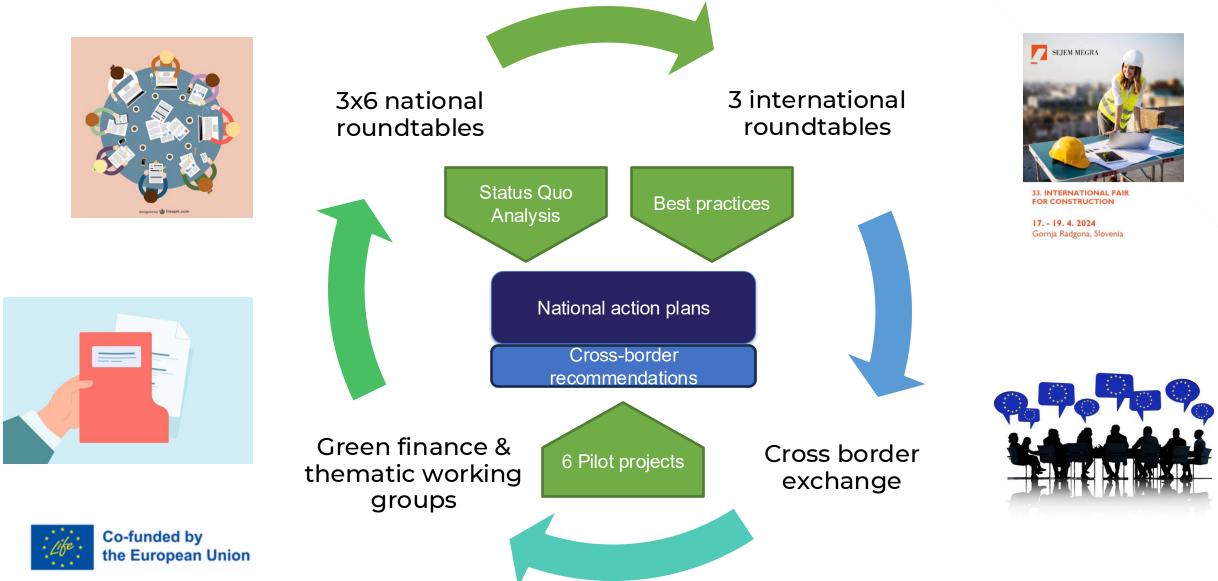






How RENOINVEST project works to achive its objectives?





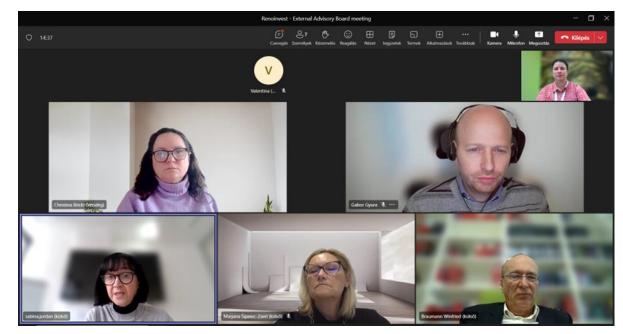
Objective #1 achieved results: Expert work



Consortium supported by the External Advisory Board consisting of three national experts:

- prof. dr. Marjana Šijanec Zavrl-Head of Centre for Indoor Env., Building Physics and Energy at Building and Civil Engineering Institute
- Braumann Winfried -business policy and organizational development at REENAG
- Gábor Gyura financial expert and adviser for the UNEP Finance Initiative







Objective#1 achieved results: Expert work on national and international levels



4 national working groups established and meetings held to discuss green investments, financing and funding on the topics:

- Staged renovation
- Circular economy and nature based solutions,
- Energy communities (RES, DH),
- Energy consumption monitoring &
 visualisation

Co-funded by the European Union



8 national roundtables on private and public buildings organized :

- 4 in Austria
- 3 in Hungary
- 2 in Slovenia



1 international roundtable organized :

- April 2024 in Slovenia focusing on onestop-shops

Objective #2 achieved results: Circumstances and

characteristics of sustainable building renovations





Available: <u>https://www.archenerg.eu/en/renoinvest/results/policy-analysis</u>



Objecive #3 achieved results – Action plan development



- Aim: Develop netional action plans and policy propsals though thematic working group and national roundtable discussions to accelerate the decarbonization of the building stock.
- > Status: Drafting of action plans- some highlights

Austria	Hungary	Slovenia
 Reform the Tenancy Act (MRG) and open tenants' obligations to tolerate renovations and renewable energy installations Revitalize development bank for renovation and infrastructure Special subsidies for serial and step-by-step renovations based on the German model Building law: Make standards and integral planning for circularity and NBS BIM - Digitisation of the building stock to assess "material values Info campaigns for renewable energy communities Existing buildings, low-tech solutions more sustainable than full automation > Adjust laws accordingly Binding monitoring and visualisation Release missing implementation regulation for contracting guarantees 	 Strengthen the one-stop shops and pilot projects with financial institutions to enhance collaboration and support. Develop long-lasting, stable financing schemes incorporating grants, bank loans, and reduced-interest loans. In financial products encourage staged renovation Revitalize the home savings scheme Create open access databases with relevant datasets for homeowners and financiers Provide financial advantages (e.g., tax relief) for promising circular solutions and NBS systems. Resolve legal conflicts between shared renewable energy use and individual billing. Standardizing Energy Consumption Data for financiers RRF Funding for new generation District Heating Systems 	 Provide grants or favorable loans from state authorities to support step-by-step renovations, prioritizing seismic improvements first. Educate apartment owners and property managers on renovation benefits and processes. Ensure long-term planning for green transition actions to provide stability and predictability. Reduce bureaucracy and simplify procedures through one-stop shops and standardized documentation. Expand banking services from commercial banks, including financing options for circular and nature-based renovation solutions. Showcase successful renovation projects to the public to encourage wider adoption. Implement mandatory monitoring and data collection at the building level to address data protection and ownership concerns.

Objecive #4 achieved results: Pilot cases to support the sustainability of project results



- Development of pilots practice-oriented case studies accompanied by financial plans and business models for large-scale energy renovations.
- Aim: Demonstrating the optimal technological and financing possibilities for implementing the renovation, emphasizing the practical orientation of the action plans
 - Six practical feasibility studies in both the private (residential/multi-apartment building) and public sectors (municipal building).
 - Two pre-feasibility studies per participating country.
- > Status: Cases have been selected, study in progress

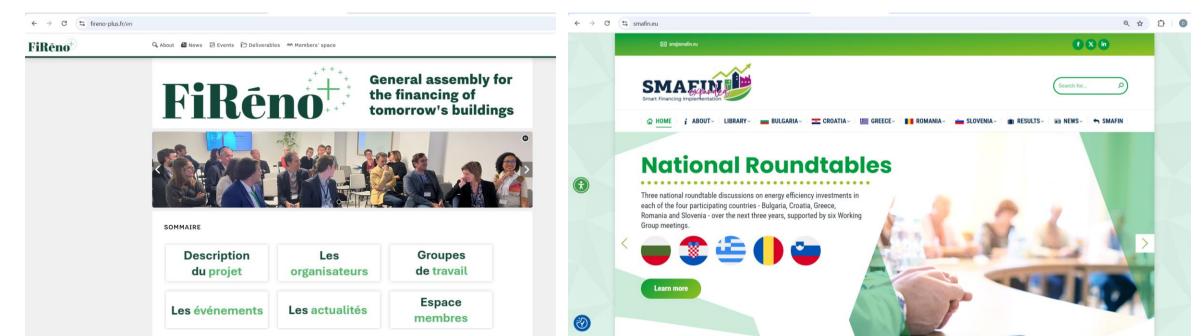








- HORIZON2020 and LIFE Clean Energy Transition projects: National Roundtables on energy efficiency finance
 - Finalized: <u>AUNA</u> (ES), <u>SMAFIN</u> (EL, BG, RO, HR), <u>ROUNDBALTIC</u> (DK, PL, LT)
 - Started in 2021: <u>GreenHome</u> (DE), <u>GreenDeal4Buildings</u> (CZ, SK), <u>BeSmart</u> (BG), <u>GreenRoad</u> (IT)
 - Started in 2023: <u>RAISE-PT</u> (PT), SMAFIN- EXPANDED (EL, BG, RO, HR, SI), <u>LIFE FREE</u> <u>BE</u> (BE), <u>RENOINVEST</u> (AT, HU, SI), <u>FR-BS/FIRENO</u>+ (FR)



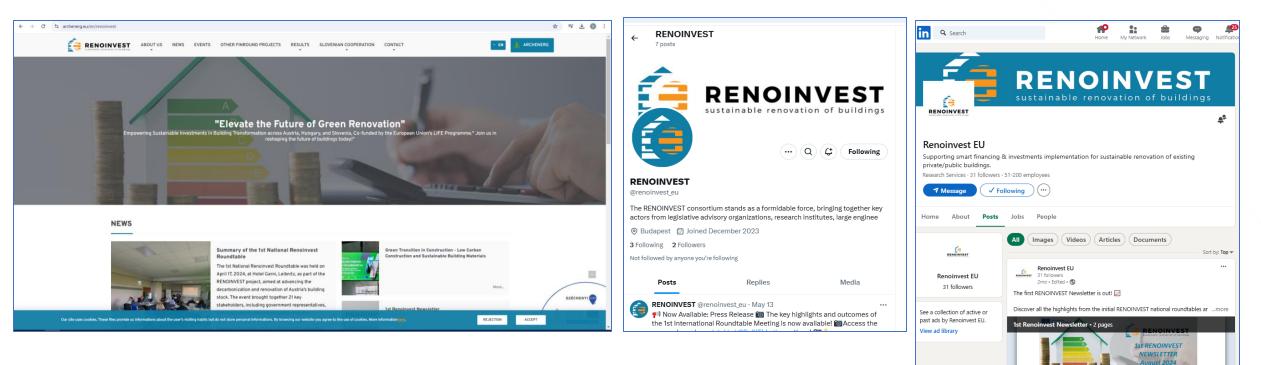
Follow RENOINVEST results and upcoming events



JECT is co-funded by the EU under the LIFE programme to support sma

investments in energy efficiency for private and public buildings. The project unites stakeholders, including legislative advisory organizations, research institutes, major engineering manufactures, SMAS, financial experts, and authorites, in working groups and national roundtables. The goal is to develop action plans for sustainable building renovations from 2025 to 2020 in Austria, Hungary, and Slovenia, and to create policy recommendations

Project Benefi



- Slovenian National Roundtable: 30. May 2025 Ljubljana (CCIS joint with SMAFIN EXPANDED)
- Austrian National Roundtable: 7-8. April 2025 Vienna (BauZ Congress)
- Hungarian National Roundtable: May 2025 Szentendre/online
- > 3rd International Roundtable: 24-25. October 2025 Linz (Impact days)





Thank you for your attention!

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