

Italian National Agency for New Technologies, Energy and Sustainable Economic Development





The REEHUB network for energy efficiency in the low Adriatic area

Bari, May 11th, 2022

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Interreg IPA CBC Italy - Albania - Montenegro



The objective is to promote economic growth and to intensify cooperation in the low Adriatic area, by implementing joint actions between national and regional institutional and non-profit actors and by fostering smart, inclusive and sustainable development.

SO 3.2

Promote innovative practices and tools to reduce carbon emission and to improve energy efficiency



REEHUB project: Interreg IPA CBC Italy- Albania - Montenegro



MoA – Municipality of Agnone - Italy







BIRD - Barleti Institute for Research – Albania

UCG Univerzitet Crne Gore

UoM- University of Montenegro - Faculty of

Architecture - Montenegro

REEHUB project: aims







REEHUB audit approach will be transferred through capacity building actions, held in this HUB, to different stakeholders, such as public technicians of Municipality, National Energy Department and policy makers.



Involvement of national businesses in technology transfer activities on energy efficiency and sustainable materials for the building sector



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Creation of Innovative Hubs for energy efficiency in building sector in the partner countries



- State of the art of the Standards (EN-ISO ..) in each country
- Feasibility study of the new pilot "REEHUB" located in public venue.
- Measurements campaign for Energy audit with new acquired instruments



Measurements campaign and instrument acquisition





A measurements campaign using technical instruments has been organized by ENEA technicians and local partner, in each country, to collect all information and data useful for the energy audit.

The protocol ENEA adopted for the measures in the field used for nondestructive techniques for the qualitative and quantitative measures, is listed below:

- Thermographic analysis for the evaluation of possible thermal irregularities of the vertical opaque walls due to the installation
- Heat Flow Meter (HFM) evaluation of the degree of thermal insulation.
- Air Quality Indoor Monitoring







Evaluation of the HUB performances Calculation of transmittance





REEHUB Montenegro







Vincenza A.M. Luprano

REEHUB Albania



Tirana HUB:

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KESH (Albania Coorporate on Energy) and ERE (Albanian Energy Regulator Authority) venue



REEHUB Molise





REEHUB Puglia





Municipality of Brindisi HUB : Historical building of XVIII century. It was renovated in 2003.







Edit Regional Energy Efficiency Guidelines for the pubblic sector Workshops in each Regions at institutional level

Case studie

IRC SCIENCE FOR POLICY REPORT

One-stop-shops for energy

renovations of buildings







Road show for the stakeholders

Opening of the «REEHUB»



Interreg - IPA CBC Italy - Albania - Montenegro

REEHUB



CONCLUSIONS



REEHUB Project: transfer good practices of measurements and energy audits methodology, developed in our laboratories, to countries that would like to adopt European regulations

REEHUB Project: training the staff that will use the equipment (acquired in the project) and manage the HUB in the 4 regions

REEHUB Project: increasing awareness of young generations in the 4 regions on the importance of Energy Efficiency and sustainability of the materials used for the building renovation











11 Maggio 2022 Politecnico di Bari

12 Maggio 2022 Fiera del Levante Bari





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Thank you for your attention

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www.citylab.al/reehub

https://www.facebook.com/Interreg-IPA-CBC-It-AI-Me-Project-Reehub-1942485659108815/

