



 Project 101120713 LIFE22-CET-LIFE ReHABITA

Technical progress report

Deliverable D1.4: Technical progress report

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WP1 – Project management and coordination

T.1.1 Project management

The Steering Committee has been established with representatives from all project beneficiaries. The kick-off meeting took place in Lorca in November 2023, and the first formal Steering Committee meeting was held in Saldus in April 2024. In addition, regular online SC meetings have been conducted to monitor the project's progress. Below is the schedule of meetings:

Meeting	Date
SCM in Lorca	5-6 October 2023
SCM online	12 December 2023
SCM online	23 February 2024
SCM in Saldus	10-11 April 2024
SCM online	9 May 2024
SCM online	29 May 2024

Additionally, representatives from Lorca and EV met with the Project Advisor in November 2023 to discuss the project's progress.

Next SCM online will take place the 20 June, and next face-to-face SCM will take place in Ploiesti the 1st and 2nd of October 2024.



Picture 1 - KoM in Lorca



Picture 2 - SCM in Saldus

T.1.2 Project monitoring

EV created a Google Drive folder to facilitate the exchange and sharing of all project-related documents among the consortium members. This central repository ensures that all participants have easy access to the necessary files and can collaborate more effectively.

In addition, a detailed work breakdown structure has been developed and disseminated to all partners, ensuring clarity and alignment of project tasks and responsibilities.

Finally, the frequency of financial reporting has been changed from quarterly to semi-annually, for less frequent financial reviews but still providing a complete picture of the project's financial situation.

T.1.3 Data protection

EV has developed the Data Protection Manual. This deliverable has been translated into all the project's languages and submitted to the Funding and Tenders portal. The manual includes specific protocols for handling sensitive data and a detailed informed consent form, which must be signed by all citizens participating in the project. These measures ensure full compliance with the EU General Data Protection Regulation (GDPR).

[Link to download to the deliverable D1.1. Data Management Plan.](#)

T.1.4 KPIs monitoring

EV has collected the information on project indicators at all locations and uploaded this data into the KPI webtool. In addition, a detailed document explaining the calculation methodologies has been prepared and submitted to the Funding and Tenders portal.

[Link to download to the deliverable D1.2. Extract of the project data from the LIFE KPI Webtool.](#)

WP2 - Roadmaps for the energy renovation of vulnerable buildings

T.2.1. Local Energy Poverty Assessment

This task is running a little bit late.

DOOR has designed the questionnaire, which has been revised by project partners and translated to national languages.

However, some municipalities have struggled to get 100 responses from vulnerable citizens in order to produce the assessment, which has slightly delayed this task.

At this moment, all municipalities have achieved the target number of 100 surveys:

Lorca	105 responses
Gospic	104 responses
Ploiesti	107 responses
Saldus	100 responses
Plovdiv	100 responses

As the 500 answers are collected, DOOR is currently evaluating the responses and producing the assessment. It is expected that the document will be translated and submitted before the end of June.

T.2.2. Identification and engagement of energy poor citizens

Although the assessment foreseen in Task 2.1 has not yet been completed, project partners have already identified some vulnerable citizens through questionnaires, who are potential candidates for home rehabilitation during the project. Consequently, the delay in Task T.2.1 has not impacted the commencement of Task T.2.2.

The handbook was prepared by DOOR, translated by technical partners, and the deliverable was submitted.

[Link to download to the deliverable D2.4. Strategy for building the engagement of vulnerable citizens.](#)

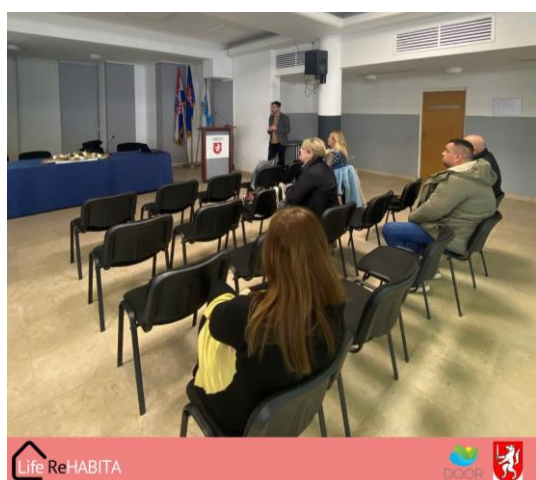
Regarding the identification of households in energy poverty, there are various plans to organize awareness-raising events with key stakeholders, including homeowners' associations, maintenance companies, and the general public. The involvement of the community in these initiatives is crucial to ensure their long-term success.

Some municipalities have identified the overload of social services as a significant challenge, noting specific needs in terms of human and financial resources to effectively identify and engage energy-poor citizens. Discussions have explored possible solutions, such as outsourcing services or collaborating with local organizations.

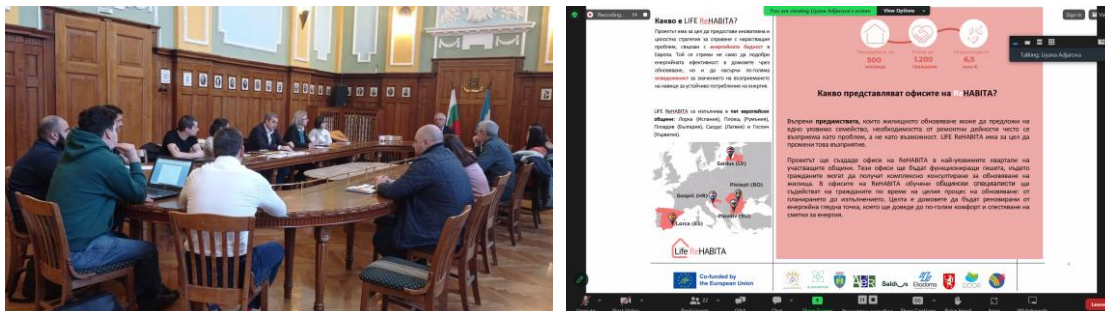
T.2.3. Co-creation and implementation of a roadmap for energy poverty fight and dwellings renovation

All municipalities, except Lorca, have already held their first stakeholder workshop. Lorca has scheduled this initial workshop for June 2024. In addition, several municipalities have gone further by organising their second workshop.

Municipality	First workshop	Second workshop
Lorca	Expected in June 2024	Not yet scheduled
Gospic	25 March 2024	Expected in September 2024
Ploiesti	27 March 2024	Expected in September 2024
Saldus	7 December 2023	26 June 2024
Plovdiv	13 February 2024	29 May 2024



Picture 3 - DOOR first stakeholder meeting in Gospić (25 March 2024)



Picture 4 - EAP first stakeholder meeting in Plovdiv (13 February 2024 - left) and second on-line meeting (29 May 2024 - right)



Picture 5- AE3R first stakeholder meeting in Ploiesti (27 March 2024)



Picture 6 - First stakeholder meeting in Saldus (7 December 2023)

Although Lorca's first workshop is scheduled by the end of June, the 9th of May they had a preliminary meeting with the local stakeholders to inform them about the project and the objectives of those workshops.

The workshops will be organised twice a year.

To track the work done in this task, DOOR has shared the template for collecting the minutes of the stakeholders' meetings.

Work package WP3 - Energy rehabilitation of households: ReHabita Office

T.3.1. Creation of ReHABITA Offices

All ReHABITA Offices have been officially established. The establishment and operation of ReHABITA Offices in the project municipalities has been as follows:

- **Lorca:**

The ReHABITA Office in Lorca has been operational since the beginning of the project, with a full-time technical architect in charge. They plan to hire more staff, including an administrative, an architect and a legal expert, to strengthen the office team. The ReHABITA Office is being operated by SUVILOR, a public company affiliated to Lorca.

- **Gospic:**

The Office in Gospic is newly established, with only one employee in charge, who is supported by other municipal employees. They are organising workshops on energy habits and home renovation, which have started to attract interest from the local community.

- **Ploiesti:**

The office has been "unofficially" established and is currently operating, but has not yet been officially approved. The local government will officially establish the ReHABITA Office under the framework of the LIFE REHABITA as a temporary structure, so it will become a functional organisation once it is approved. It is expected to be officially approved after the elections that are taking place the 9th of June.

- **Saldus:**

The ReHABITA Office in Saldus has also been officially established and has a physical space and staff assigned.

- **Plovdiv:**

EAP, the local energy agency, has established the ReHABITA office in its facilities, as Plovdiv is not a project beneficiary but an associated partner. This will ease the

project activities implementation. Efforts are currently being made to involve owners in housing renovation.

- **Deliverable:**

In order to make this deliverable useful for the target citizens, the deliverable Services of the ReHABITA Offices will be done in a brochure layout. Municipalities are currently working on the content of this document and will be uploaded before the end of June 2024.

T.3.2. Energy study of the dwellings

EV has developed a guideline to serve as a guide for the energy studies that have to be conducted prior the development of the technical projects. The studies will include relevant data on energy consumption, building characteristics and energy equipment.

[Link to download the Guidelines on how to address the energy studies in vulnerable households.](#)

The document outlines exclusion criteria to determine the eligibility of dwellings for renovation, considering factors such as serious structural problems or irregularities in tenure. Emphasis is placed on aligning energy studies with grant and funding requirements to ensure eligible dwellings meet the criteria for financial support.

Criteria and procedures are tailored to meet the specific requirements of each country or region, ensuring compliance with local and national legislation. Additionally, the document facilitates prioritization of housing renovation interventions based on energy efficiency and residents' needs.

During site visits, proposals for energy-saving measures are suggested to incentivize the renovation process and underscore the economic and environmental benefits. Although the possibility of energy certification during the energy study process was discussed, certification should ideally occur during the definition of the technical project by the assigned technician.

EV and LORCA have commenced energy studies in several dwellings earmarked for renovation in the historical centre, with four studies conducted so far.

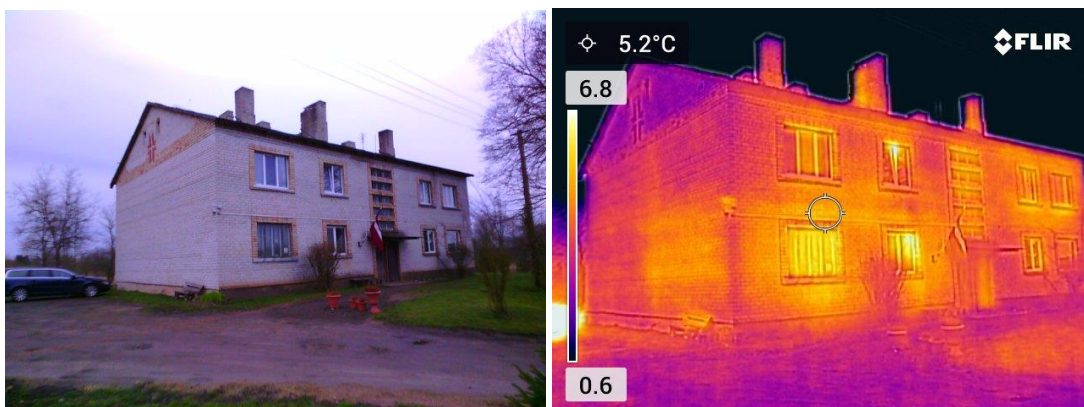


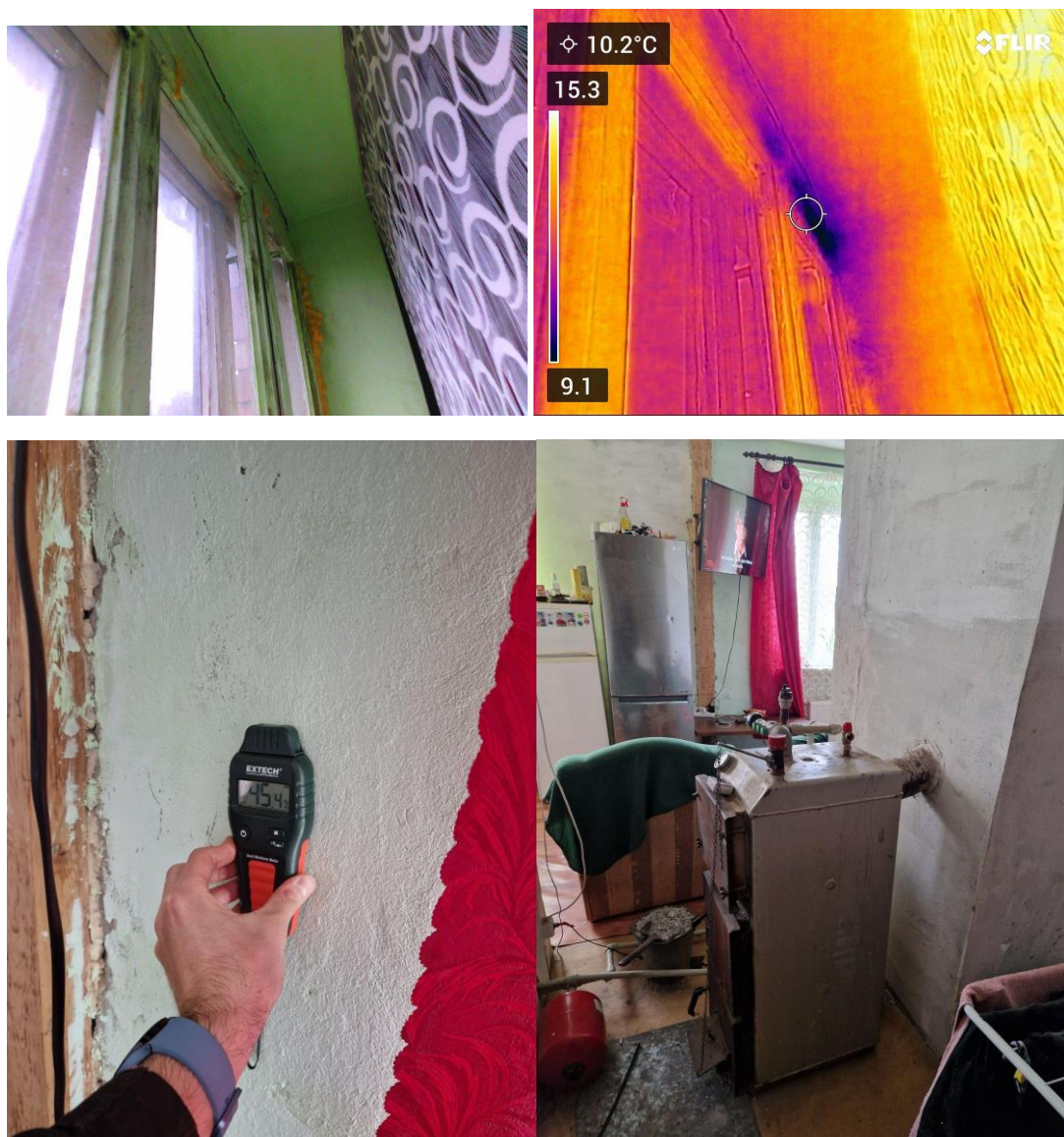
Picture 7 - Exterior of a dwelling in Lorca that will be energy renovated



Picture 8 - Interior of a dwelling in Lorca that will be energy renovated

Ekodoma and Saldus have also started the visits and the collection of information for the energy studies in a building of 4 dwellings.





Picture 9 - Interior and exterior of a dwelling in Saldus visited for energy study



Picture 10 - Interior of a dwelling in Plovdiv, visited for energy study

DOOR/Gospic and AE3R/Ploiesti will start the visits before September 2024.

T.3.3 Accreditation of service providers

Materials for the training sessions (Task 4.2) have been prepared, but the training sessions with companies have not yet commenced. Project partners will soon initiate work with them.

Link to download to the deliverable D1.2. Extract of the project data from the LIFE KPI Webtool

The plan is to require their attendance at a 2-4 hour workshop focusing on practical aspects of carrying out energy renovations in homes inhabited by vulnerable families, which will be organized within the framework of Task 4.2.

In order to “accreditate service providers”, municipalities will publish a list of companies committed to tackle energy poverty, serving as a directory of service providers for citizens to select from when renovating their homes.

Additionally, for public housing units where renovation contracts will be directly awarded by the municipality, companies will be required to undergo the training either prior to bidding or after contract award, but always before the start of construction.

T.3.4 Definition of the technical project and a minimum disruption plan

Work on this task has not yet begun.

T.3.5 Analysis of financing instruments

Municipalities have already identified external sources of funding to finance housing renovation:

- **Gospic:**

Croatia secured financial resources in the amount of almost HRK 75 billion (9.9 billion €) through the "Program to combat energy poverty, which includes the use of renewable energy sources in residential buildings in areas of special state care for the period until 2025" covers the renovation of 387 residential buildings and 100% of the renovation costs are planned to be financed- some of the mapped building are from area of city of Gospić. There are also Public calls in the form of grants ranging from 60% to 80% available for renovation of houses and residential buildings, depending on whether they were affected by the earthquake. The possibility of using other grants to co-finance projects was discussed, although these are targeted at specific neighbourhoods out of the scope of the project. Co-funding may require approaching commercial banks.

- **Lorca:**

A contract with the regional government amounting to €4 million has been signed, with over €1 million available for the first year. Different percentages and grant amounts were detailed depending on the level of improvement. In the case of vulnerable families, the grants will cover up to 100% of the renovation costs, and it was highlighted that these grants will be paid in advance, eliminating the need to go to commercial banks.

- **Ploiesti:**

There are some funds earmarked for the renovation of apartment buildings, which must be approved by the local council. The need for a meeting with the mayor to discuss the details of these funds and their application in renovation projects is set for the following weeks.

- **Saldus:**

National programmes for housing renovation were described, with a current programme available that requires a minimum of 30% primary energy savings. The possibility of obtaining loans from commercial banks, with state backing in case private financing is not possible, will be addressed.

- **Plovdiv:**

The Bulgarian Recovery and resilience plan provides financing for renovation of multi-family residential buildings with requirements of minimum 30% primary energy savings for renovated buildings. A Program for replacement of inefficient wood or coal-fired appliances with high efficient heating devices using electricity (air conditioners, heat pumps, photovoltaics) and pellet boilers is available.

T.3.6 Implementation of renovation works

Work on this task has not yet begun.

T.3.7 Monitoring of the impacts

Work on this task has not yet begun.

T.3.8 Accompanying actions at neighbourhood level

Work on this task has not yet begun.

WP4 - Social challenge to promote behavioural change

T.4.1 Accompanying measures to train on energy habits

This task aims to invite at least one individual whose home will be renovated through the ReHABITA Office to learn about energy efficiency and how to make the best use of their renovated dwelling.

EV has prepared a general presentation, to which various technical partners can add specific slides about the situation in their respective countries. For instance, advice on ventilation will be tailored to suit the climates of southern and northern countries.

Currently, technical partners are adding their slides to the presentation.

The general presentation can be consulted here [in this link](#).

Furthermore, EV is working on designing supplementary materials to be distributed during the sessions, such as stickers, door hangers, and calendars. These materials can also be viewed [in this link](#).



Picture 11 – 2025 calendar with energy tips on energy efficiency

Accompanying sessions will be conducted in parallel with implementation of the renovation works (Task 3.6).

T.4.2 Building up social and renovation skills in the construction sector

The deliverable has been completed, translated into four languages, and uploaded to the Funding and Tenders portal. Companies will be invited to participate in a workshop, which can be conducted either in-person or online, with an estimated duration of 2-4 hours.

Attendees will be provided with a manual, either in print or digital format, which serves as the basis for the training. This will enable them to refer to the manual during their work.

[Link to download the deliverable D4.2. Guidelines about how to address the renovation of buildings affected by a high socio-economic vulnerability](#)

Training with companies will start in September 2024.

T.4.3 Collaboration with NGOs and social services

The first workshop with NGOs will take place in August/September 2024.

Based on the contents of the training materials developed during Task 4.1, EV will prepare a presentation to inform the social agents about the project activities and to engage them in the identification of vulnerable houses.

WP5 - Institutionalising the fight against energy poverty

Work on this task has not yet begun.

WP6 - Sustainability, replication, and exploitation of project results

Work on this task has not yet begun.

WP7 - Dissemination and communication activities

T.7.1 Dissemination and communication plan

The dissemination and communication plan has been developed by EV, and then was translated to all project languages.

The deliverable has been submitted to the Funding and Tenders portal, and can also be download through this link: [D7.1 Dissemination and Communication Plan](#).

T.7.2 Dissemination and communication actions

- **Webpage:** Each project partner hosts a webpage on their respective websites containing information about the project and its deliverables. These webpages are regularly updated to ensure that stakeholders stay informed about the project's progress. Deliverable D7.3. was also submitted to the Funding and Tenders portal.

[Link to download the Deliverable D7.3. Project partners' website updated with the project section](#)

- **Notice Boards:** Notice boards will be installed in the target neighbourhoods and city town halls, with two boards per municipality. EV has designed the boards, which will be translated and customized for each municipality.



Picture 12 - Lorca noticeboard

These boards will be strategically placed in neighbourhoods where dwellings are scheduled for renovation prior to the commencement of the works.

- **Project Brochures:** The first project brochure has been created by EV and translated by technical partners. These brochures are being printed and distributed at all project events to provide information about the project's objectives and activities.



Picture 13 - Project brochure

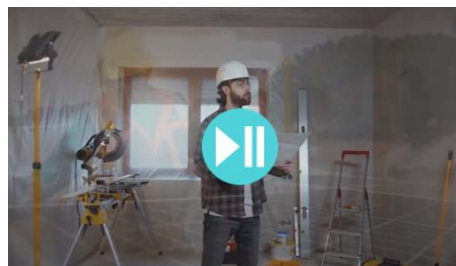
So far, the project brochure has been translated into all project languages. The brochures can be consulted [in this link](#).

- **E-newsletter:** EV has developed the first newsletter with contributions from partners, who have translated and disseminated it among their databases. The newsletter serves as a platform for sharing project updates, news, and upcoming events with stakeholders.

[Link to visit the newsletter in English.](#)

So far, the newsletter has been translated and distributed to Spanish and Romanian stakeholders. The rest of the newsletters will be translated and distributed during June 2024.

- **Video News:** Municipalities are currently working on producing a promotional video for the ReHABITA offices. Municipalities are currently working on its production, and Ploiesti has already completed it:



Picture 14 - Promotional video of Ploiesti Rehabita Office

- **Online Workshop:** The first online workshop for the general public will take place in September. They will be organised either online or face to face. The first workshop will cover topics related to energy efficiency in dwellings, so contents will be similar to those of Task 4.1.
- **Infoday:** An infoday will be organized during the European Sustainable Energy Week (EUSEW) 2025 to provide information about the renovation works planned for the project. This event will offer insights into the project's achievements and its impact on energy efficiency in communities.

The remaining activities outlined in Task 7.2 will be implemented in the upcoming months of the project, focusing on further engaging stakeholders and disseminating project outcomes.