



newsletter

December 2024

Dear reader,

In the final newsletter of this year, we are sharing with you the progress, shown in eight submitted deliverables. We were also active in dissemination activities, and we gathered for the 5th Plenary meeting. Read more about it below!

At this time, we would also like to wish happy holidays to all!

Happy holidays!

DELIVERABLES

D4.2 Smart Living Building Digital Twin & Digital Logbook

IESRD
The present confidential deliverable provides an overview of the Digital Twin and Digital Logbook, detailing their design and implementation from Tasks 4.3 and 4.4. The Digital Twin simulates physical entities and offers Building Information Modelling (BIM), while the Digital Logbook captures operational data to streamline maintenance activities. The deliverable covers the methodology, design, and impact of these tools on operational efficiency and decision-making.

[This deliverable is not publicly available](#)

D4.5 EPCs calculation and APIs v2

IESRD
This report describes the work related to the development of the Energy Performance Certificates (EPCs) calculation of SmartLivingEPC, as well as the related Application Programming Interfaces (APIs) tailored for integration with third-party applications. The EPCs calculation process relies on the ongoing methodologies produced in Work Packages 2 and 3 for both schemes, Asset and Operational respectively. This computational infrastructure will be an integral part for the final visualization and Internet of Things (IoT) platform of SmartLivingEPC.

[This deliverable is not publicly available](#)

D5.1 SmartLivingEPC Digital Platform v1: Components development, Integration and Acceptance Tests

CERTH
Deliverable 5.1 is the first deliverable of WP5 and includes the initial outcomes of all individual tasks within WP5. Specifically, it presents the functional description of the Added Value AI tools and the Nudge-ready Performance Benchmarking and Evaluation tool, along with the development plan. It also demonstrates the user interfaces of the SLEPC Web Platform. The present deliverable, together with the Web Platform prototype, offers insights into the finalized product. This product translates the research findings of the SLEPC project into practical applications, thus concluding the efforts under WP5.

[Read more](#)

D6.1 SmartLivingEPC Manual for implementation v1

REHVA
This document describes the theoretical background, methodology and calculation steps of the SmartLivingEPC scheme. It is the synthesis resulting from the analysis and unification of the methodological description of each component of the SmartLivingEPC scheme, developed within WP2 and WP3 of the project. It is addressed to independent experts eligible to issue energy performance certificates of buildings (i.e., EPB assessors) with a view to facilitate bottom-up implementation of the SmartLivingEPC scheme.

[Read more](#)

D6.3 SmartLivingEPC evaluation framework

FRC
This report presents the methodology for the final evaluation and comparative assessment of the SmartLivingEPC project. The primary objective of this task was to establish and implement a framework for evaluating and assessing the impact of the SmartLivingEPC project from multiple perspectives: technical, economic, environmental, and social.

[Read more](#)

D7.5 IPR Protection Plan v1

R2M
This report provides an overview of basic concepts of Intellectual Property Rights (IPR), with general information on what an IPR is and how it shall be handled from the perspective of Horizon Europe projects. Furthermore, it outlines a preliminary exploitation path for each of the Exploitable results and provides general information on the methodology that will be used within the SmartLivingEPC project to make sure that results are properly protected.

[Read more](#)

D8.5 Report on Management and Technical Progress v3

CERTH
This document reports the main achievements in the current reporting period (M19-M24, January 2024- June 2024) of the SmartLivingEPC project for the active WPs and the corresponding activities. For each WP, the objectives for the reporting period are provided by the corresponding leaders, as well as an overview of the status and progress per Task. Furthermore, any deviations from the DoA and corrective actions taken by the partners are outlined, whereas planned activities for the next period are reported in advance.

[This deliverable is not publicly available](#)


D8.8 Data Management Plan v2

CERTH
The current document is deliverable D8.8 associated with the second version of the project's data management plan (DMP). The updated datasets are shown throughout the document along with the following details: Procedures for managing research data both during and after project completion; Type and short description of the datasets to be produced, collected and processed; Standards and formats concerning the metadata; and Data exchange, exploitation, and preservation knowledge.

[This deliverable is not publicly available](#)

NEWS & EVENTS

5th Plenary meeting



The consortium has gathered in Dublin on the 9th and 10th of October to have the 5th plenary meeting. We are heading to the final steps and the works done in the previous packages and task are coming together. The progress and obstacles of tasks were presented and discussed. At the end of day one two working groups had workshops to discuss further the theoretical and practical aspects of the project, namely the methodologies and software developed in the project. Future steps were planned and the consortium is working hard to achieve great results from the project.

BUILD UP Expert Talks with Stavros Koltsios

Stavros Koltsios, Research Associate from CERTH will be a guest at BUILD UP Expert Talk. He will be answering questions about the advantages of implementing Energy Performance Certificates in EU buildings, talking about the indicators considered when calculating EPCs, the main factors to take into consideration for the effective implementation of EPCs at the national level, and whether the digitalisation helps to boost the implementation of EPCs.



SmartLivingEPC at REHVA Brussels Summit



On November 19th, 2024, the SmartLivingEPC project workshop took center stage at the 10th REHVA Brussels Summit, uniting experts to explore pioneering strategies for achieving climate neutrality in Europe's building sector. Under the theme "Innovating Energy Performance: Advancing Towards Climate Neutrality with SmartLivingEPC and tunES," the workshop presented an impressive lineup of thought leaders and innovative case studies.

This project has received funding from the European Union's Horizon Europe Framework Programme for Research and Innovation under grant agreement no 101069639.

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