December 2024

In the final newsletter of this year, we are sharing with you the

Dear reader,

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

Logbook **IESRD**

Smart Living Building Digital Twin & Digital

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

EPCs calculation and APIs v2

D4.5

IESRD This report describes the work related to the development of the Energy

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

Performance Certificates (EPCs) calculation of SmartLivingEPC, as well as the

SmartLivingEPC Digital Platform v1:

D5.1

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

Components development, Integration and

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

description of the Added Value AI tools and the Nudge-ready Performance

SmartLivingEPC Manual for implementation **v1**

D6.1

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

SmartLivingEPC evaluation framework

D6.3

assessment of the SmartLivingEPC project. The primary objective of this task was to establish and implement a framework for evaluating and assessing the

economic, environmental, and social.

FRC

Read more IPR Protection Plan v1

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

This report presents the methodology for the final evaluation and comparative

impact of the SmartLivingEPC project from multiple perspectives: technical,

R₂M This report provides an overview of basic concepts of Intellectual Property

D8.5

D7.5

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 Report on Management and Technical Progress v3

the reporting period are provided by the corresponding leaders, as well as is an overview of the status and progress per Task. Furthermore, any deviations

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

CERTH

from the DoA and corrective actions taken by the partners are outlined, whereas planned activities for the next period are reported in advance.

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

processed; Standards and formats concerning the metadata; and Data

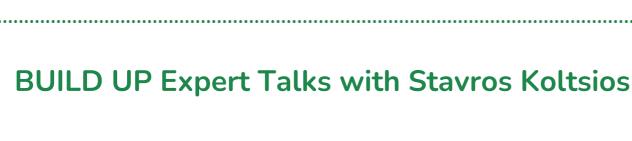
This deliverable is not publicly available

exchange, exploitation, and preservation knowledge.

This deliverable is not publicly available

NEWS & EVENTS

5th Plenary meeting



buildings, talking about the indicators considered when calculating EPCs, the main factors to take into consideration for effective implementation of EPCs at the national level. and whether the digitalisation helps to boost the implementation of EPCs.

Stavros Koltsios, Research Associate from CERTH

will be a quest at BUILD UP Expert Talk. He will

be answering questions about the advantages of implementing Energy Performance Certificates in



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 different work 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.



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



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