



December 2023

Dear reader,

In the third newsletter, we present to you the deliverables we have worked on so far and the events we have attended.

We would also like to take this opportunity to wish you all a lovely holiday period!

Half way through!

## DELIVERABLES

D2.1

### Asset methodology assessment in building level v1

FRC

Within WP2, "SmartLivingEPC Framework Asset Methodology", the actions for the establishment of the smart EPC asset methodology will be performed. In short, smartness, sustainability, and audit and technical inspection aspects are integrated into one uniform rating system of the energy performance of buildings as well as the introduction of a new rating scheme at a building complex level. In that sense, the building level classification will result in a weighted average of four other indicators: the SRI, the Level(s), the energy performance rating, and the results from technical audits.

[Read more](#)

D2.2

### Asset methodology assessment in building complex level v1

UDEUSTO

This deliverable comprises five chapters, each contributing insights to the development of an asset methodology for complex buildings scale. The extensive review of existing frameworks, tools, and standards ensures a solid foundation for the proposed operational methodology. This deliverable lays the groundwork for future advancements in the development of an Energy Performance Certificate for neighbourhood scale.

[Read more](#)

D2.3

### Asset rating calculation methodology of SmartLivingEPC v1

AIIR

This deliverable belongs to WP2, which focuses on the formulation of strategies for evaluating building performance. D2.3 plays a crucial role in this work package, as its objective is to establish the computation technique for asset ratings within the context of SmartLivingEPC. The main aim of D2.3 is to establish a rigorous, all-encompassing, and widely recognized approach for determining asset ratings along with the weighting procedure proposal. The proposed technique aims to incorporate a range of performance metrics, encompassing energy efficiency, environmental sustainability, smart preparedness, as well as non-energy factors such as indoor environmental quality and accessibility.

[Read more](#)

D3.1

### Operational assessment methodology in building level v1

FRC

WP3 centers its objective on the development of an EPC framework operational methodology, which extends beyond conventional energy performance considerations. This integrated approach embraces various aspects that significantly influence building performance and occupant satisfaction through the implementation of its tasks (T). Notably, it emphasizes the incorporation of additional critical characteristics, such as indoor environment quality (IEQ) – T3.1, assessment of operational methodologies – T3.2, and life cycle costing (LCC) of building assets – T3.3, at the complex building level.

[Read more](#)

D3.2

### Operational assessment methodology in building complex level v1

UDEUSTO

This deliverable comprises five chapters, each contributing valuable insights to the development of an operational methodology for scaling complex buildings. This deliverable provides valuable insights and establishes a foundation for further research and development in the area of operational energy rating for building complexes. The integration of cutting-edge technologies and digital twin practices opens new possibilities for enhancing energy efficiency and sustainability in urban environments. By addressing the challenges and leveraging the opportunities presented in this deliverable, future endeavours in the project will be well-positioned to make substantial contributions to the field of smart sustainable cities.

[Read more](#)

D3.3

### Operational rating calculation methodology of SmartLivingEPC v1

FRC

The scope of this deliverable is extensive, covering the theoretical underpinnings, practical methodologies, and technological aspects of a new, integrated operational rating system for buildings. It aims to provide a more nuanced, accurate, and comprehensive assessment of building performance, considering a wide array of factors beyond just energy consumption.

[Read more](#)

D7.4

### Project events & Liaising with other projects & initiatives v1

REHVA

This deliverable presents a comprehensive overview of the management of project events and stakeholder engagement within the SmartLivingEPC initiative. It encapsulates the dynamic and collaborative nature of SmartLivingEPC's event management and stakeholder engagement strategies. It serves as a valuable resource for project stakeholders, offering insights into past achievements, ongoing initiatives, and the strategic direction for future endeavours.

[Read more](#)

D7.6

### Dissemination, Exploitation and Communication Plan v2

REHVA

The 2nd release of the Communication, Exploitation & Dissemination (CED) Plan outlines the main activities that occurred from M6 to M18 for the SmartLivingEPC communication and dissemination strategy. It describes the following topics: Communication and Dissemination Objectives, Stakeholder Management Plan (SMP)- Identification of Target Groups, CDE Strategy, Communication & Dissemination Tools, Material & Channels, Communication & Dissemination Events, Policy, Standardization, and Best Practices, Exploitation Activities, Business Models, and IPR Management, Liaising with Sister Projects and Other Initiatives, Reporting of Activities Methodology, Planned Activities.

[Read more](#)

D8.4

### Report on Management and Technical Progress v2

CERTH

D8.4 reports the main achievements in the reporting period between M7-M12 (January 2023-June 2023) of the SmartLivingEPC project for the active WPs and the corresponding activities. During the reporting period, significant progress was made, including the identification of the prevailing methodology used at the EU level for the EPC definition, a comprehensive map outlining the various methodologies for calculating EPCs was developed and the identification of the barriers in each country. In parallel, a survey was designed to systematically collect current requirements and anticipate future trends in EPC as perceived by stakeholders. Moreover, substantial advancements were made in the development phase, particularly with the design of the SmartLivingEPC architecture, taking into careful consideration the project's methodological requirements, stakeholder needs, and the distinctive characteristics of the designated pilot sites.

Not publicly available

D8.6

### Project Management Plan v2

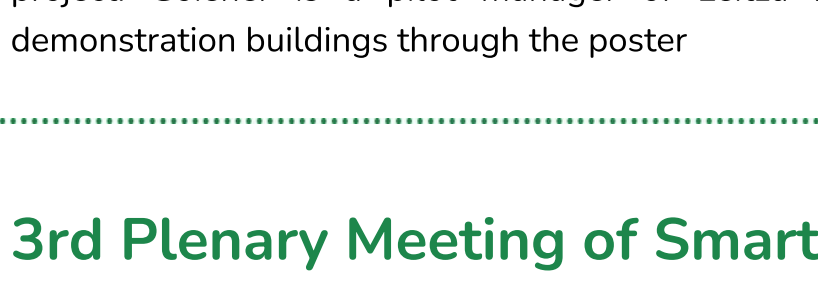
CERTH

The main objective of deliverable D8.6 is to provide any updates or changes that have occurred during the implementation of the project in terms of the management and administrative procedures and all management-related activities that ensure that all tasks within the project are performed successfully and according to the established contractual requirements. This deliverable is a dynamic document that shall be updated throughout the entire duration (36 months) of the project following its progress and presenting any updated material.

Not publicly available

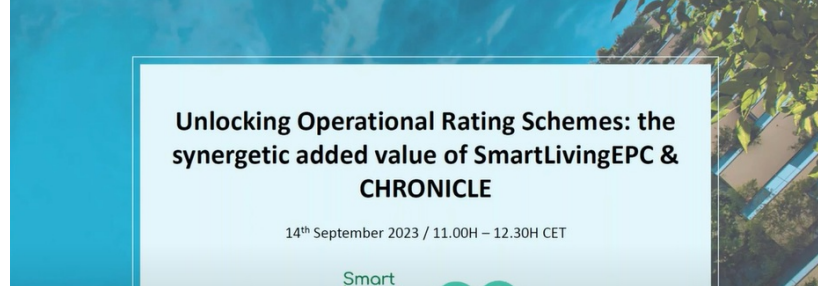
## NEWS & EVENTS

### Leitza pilots at Bioterra



BIOTERRA is a local fair where different companies show their services or products, all related to energy efficiency, renewable energies, bioconstruction, organic food products, other organic products, and responsible consumption. It is held in Irun, Basque Country, every year. Our partner Goierne has participated with a stand during the three days of the fair to show their services and their involvement in the SmartLivingEPC project. Goierne is a pilot manager of Leitza Pilots and has presented an overview of the demonstration buildings through the poster

### 3rd Plenary Meeting of SmartLivingEPC



SmartLivingEPC had the third plenary meeting in Tallinn, Estonia, hosted by Tallinn University of Technology on September 20th and 21st. The consortium partners presented the progress of the project in different work packages, tasks, and deliverables, and discussed the challenges and issues. The project is ongoing as planned with already important findings, and further planned actions and steps to be taken.

In addition, Ehituse Mäemaja building, on the campus of TalTech university was visited by the partners, as one of the project's pilot buildings. The building fulfills NZEB energy requirements, and has been constructed in 2020 with state-of-the-art technical systems.

## Unlocking operation rating schemes: the synergetic added value of SmartLivingEPC and CHRONICLE



SmartLivingEPC and CHRONICLE project explored the intricacies of operational rating schemes and the methodologies at the webinar entitled "Unlocking operation rating schemes: the synergetic added value of SmartLivingEPC and CHRONICLE". The webinar took place on the 14th of September 2023 and was hosted by BUILD UP. The keynote speakers discussed Measuring building performance as a steppingstone towards operational rating.

## SmartLivingEPC Brochure is out!



The SmartLivingEPC brochure is out! Scroll through to find out more about

- the project,
- the objectives,
- the consortium,
- the conceptual architecture framework
- pilots.

Enjoy!

[Read the brochure](#)

## SmartLivingEPC Policy Recommendations

In November, the consortium prepared Policy Recommendations in the scope of the SmartLivingEPC project. These are the outcomes of the project's research on how to improve the existing EPC schemes. You can access them by clicking the button below.

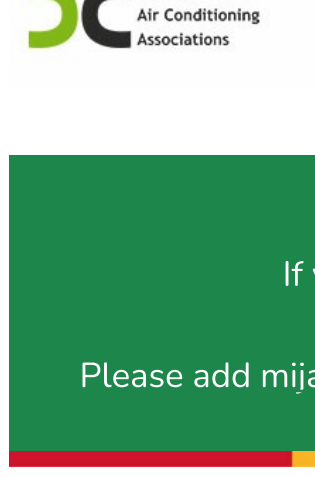
[Policy Recommendation](#)

## Press Release

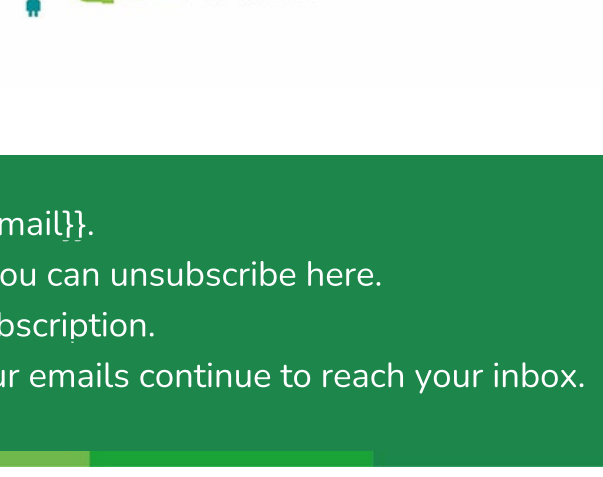
We're pleased to introduce the first press release for the SmartLivingEPC project, one of the 13 EU-funded initiatives dedicated to improving Energy Performance Certificates. Discover the activities undertaken by the Next Generation EPC cluster and the objectives set by the SmartLivingEPC project. You can access the Press Release by clicking the button below.

Thank you for joining us on this journey toward enhancing Energy Performance Certificates!

[Press Release](#)



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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