



February 2023

Dear reader,

This newsletter marks the 30th month of the project and presents the work, news, events, and publications that took place in the last 6 months. The consortium gathered twice for the plenary meetings, attended several conferences and webinars, and initiated a new standardisation working group on the operational assessment of energy. Read more about it below!

What follows? The last 6 months of the project and finalising all the work - we look forward to presenting the final results to you!



months of the D^2EPC project

DELIVERABLES

D4.2

Added value services suite v1

CERTH

The report provides an overview of the D^2EPC Added Value Services Suite aiming to expand the building's current state by integrating three unique tools for energy performance upgrade (Roadmapping tool), prediction of the month ahead energy consumption (AI-driven performance forecasts) for optimal operational behaviour combined with alerts and notifications for excess energy consumption warnings.

[Read more](#)

D4.3

Extended dEPCs applications toolkit v1

HYP

This report is the first version of the Extended dEPCs Applications Toolkit. D4.3 v1 delivers a detailed description of the D^2EPC toolbox that provides a series of invaluable services to the end-user. The respective modules correspond to the "Energy Performance Benchmarking" and the "Energy Performance Verification and Credibility" and are thoroughly discussed within the deliverable. The report includes the development status of the modules and presents some validation results, part of the works conducted as of M26 of the project. Lastly, it wraps up the insights provided and concludes with what will be included in the second and final version, D4.7.

[Read more](#)

D4.4

D^2EPC Digital Platform v1

SEC

T4.4 comprises the development of the tool that will issue the digital dynamic EPCs, and the development of the interfaces for the interaction and integration of the modules developed in the tasks 4.1 to 4.3. This first version of D4.4 specifies the D^2EPC digital platform featuring the services developed in the tasks 4.1 to 4.3. The user interface design is presented and the existing mock-ups.

[Read more](#)

D7.7

Dissemination and Communication Plan v3

SGS

The D7.7 named "Dissemination and Communication Plan v3" is the final version of the Dissemination and Communication Plan elaborated at the beginning of the project. This document had a first version on M6 and was updated later on M18. Now, the consortium will present the final version after the revision and updating during the project's lifetime. The deliverable updates the established strategies in the previous versions, and work-flows for partners to follow when developing the activities related to communication in order to reach the maximum possible dissemination. This final version will reflect what the project has achieved so far compared to what was planned in v2, in terms of Communication and Dissemination. It also highlights the steps to follow in this last stage of the project.

Will be submitted at the end of the month.

NEWS & EVENTS

Sustainable places 2022



D^2EPC presented the major findings of the project related to the operational assessment of buildings' energy performance and the initiative for the establishment of a new CEN working group concerning standardized procedures for the extraction of operational rating certificates in the Sustainable Places 2022 event organized on the 7th of September in Nice, France.

5th Plenary in Cyprus



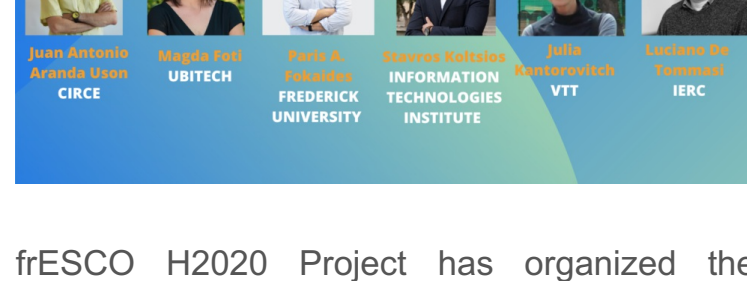
D^2EPC consortium gathered for its 5th Plenary meeting at Frederick Research Center premises in Nicosia, Cyprus. The primary objectives of the meeting, held on September 20 and 21, were to update on the status of the project, present the project achievements, and plan the upcoming actions.

6th Plenary in Spain



The 6th Plenary meeting of D^2EPC has been organized by SGS and held in Valencia, Spain on January 19th and 20th. The main goals of this meeting were to present the updates of the consortium's status, and plan the final steps towards the end of the project.

Webinar by frESCO



frESCO H2020 Project has organized the "NEXT GENERATION EPC" webinar with the collaboration of BEYOND, D^2EPC, SmartSPIN, and SmartLivingEPC on 23rd January 2023. Stavros Koltsios, Research Associate at CERTH/ITI gave a presentation on the D^2EPC Project.

3rd NDA workshop of Next Gen EPC cluster



The Next Gen EPC cluster 3rd Non-Disclosure Agreement workshop has been held on the 13th of December 2022. The main scope was to explore the synergies and join forces as identified best for successfully implementing the individual projects and overall maximizing the impact at the cluster level.

CrossCert hybrid event



On the 28th of September, a hybrid event took place - "Supporting people to go green and digital", highlighting the challenges and solutions of the foreseen changes in the recast EPBD for local authorities especially shedding a light on what role EPCs play in building renovation and how municipalities could turn them in powerful tools.

New standardisation on operational assessment of energy



Members of the D^2EPC policy group proposed a new standardisation working group on operational assessment of energy (CEN/TC 371/WG 5). The first standardisation project has been approved this February under the name of "Energy Performance of Buildings — Operational rating — Requirements for assessing Operational rating". This standard will provide help to public administration, building assessors and owners, in order to improve the energy efficiency of building with real-time data.

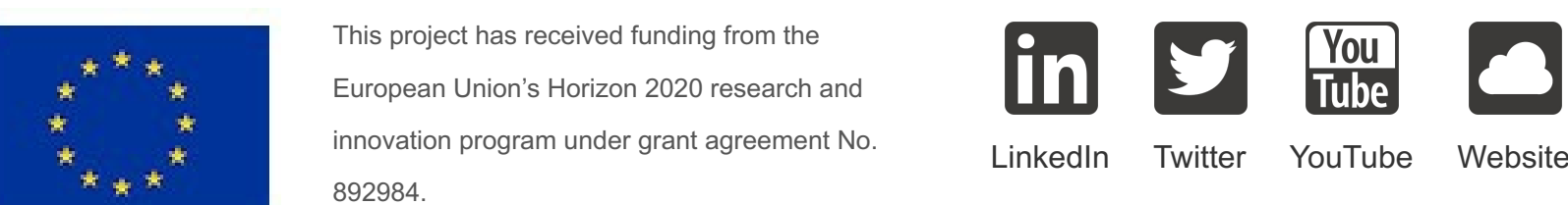
[Read about all the news & events on our website](#)

PUBLICATIONS

- "Digital Twin application on next-generation Building Energy Performance Certification scheme". Published in 2022 IEEE International Smart Cities Conference (ISC2)
- "First evidences of energy performance certificate operational rating: The case of Cyprus" (will be published in March 2023)

CHECK OUT ALSO...

- D^2EPC Policy Brief [here](#)
- 3rd Press Release [here](#)
- Section dedicated to Next Gen EPC cluster in European Energy Innovation publication [here](#)
- Interview with Euronews on the advancements and challenges of the energy sector in Cyprus [here](#)
- Publication of a result on the Horizon Results Platform [here](#)
- Interview in the InControl magazine on the new EPCs [here](#)



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