

iBRoad2EPC Energy Inspectors Training

WEDNESDAY 7 JUNE 2023 14.00 - 19.00

FRIDAY 16 JUNE 2023 13.00 - 17.30



SCAN TO REGISTER

Open Call for Energy Inspectors in Greece to contribute to the development of the next generation of Energy Performance Certificates



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101033781



iBRoad2EPC

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Objectives of iBRoad2EPC

The Horizon 2020 iBRoad2EPC project represents the next step in energy performance assessment schemes and certification practices, promoting and showcasing the integration of Building Renovation Passport elements into EPC schemes. It thereby aims to stimulate the use of next-generation EPCs as a central tool to promote deep and, where necessary, stepwise renovation of the EU building stock and achieve a highly efficient and decarbonised building stock by 2050.

iBRoad2EPC builds-up on the results of the iBRoad project (2017-2020) which developed, tested, and delivered a model for the Building Renovation Passport supporting single-family home-owners with personalised advice to facilitate stepwise deep renovation. iBRoad2EPC aims to bridge the Building Renovation Passport with the EPC and expand, improve, and broaden their format and joint scope to consider additional features and become applicable also to multi-family and public buildings.

This will be achieved by upgrading EPC schemes with the integration of customised recommendations for deep (stepwise) renovation, and by offering a ready-to-use framework (including software, training, and surrounding policy instruments) for its adoption across Europe

The aim of iBRoad2EPC is to bring existing EPCs closer to an individual building decarbonisation roadmap and introduce a focus on the long-term objective of decarbonisation by:

- Including improvement measures in a specific sequence to avoid lock-in effects,
- Ensuring that every measure implemented is part of a comprehensive renovation strategy,
- Complying with future regulatory and financial requirements, e.g., mandatory Minimum Energy Performance Standards (MEPS), mortgage portfolio standards, or the EU taxonomy regulation,
- Present the recommendations in a way that can easily be understood by the end-user and consider the user's needs.

In addition, the project will enhance the information provided in the EPC by introducing the onsite visit as a mandatory element and incorporating features covering complementary dimensions, such as comfort and indoor environmental quality, the smart dimension of buildings, and others.

The aim is to improve reliability, usefulness, and effectiveness, thereby establishing the next generation of EPCs that will support Europe's decarbonisation ambitions while improving conditions for building occupants.

Objectives of the iBRoad2EPC training

The iBRoad2EPC training aims at:

- preparing the energy inspectors for the obligatory onsite visits,
- making energy inspectors familiar with the long-term and step-wise renovation and target-oriented approach,
- guiding energy inspectors in the use and issue of improved, reliable, tailor-made, and future-proof recommendations that are consistent with long-term targets and MEPS of the respective country,
- introducing energy inspectors in the methodology for combining EPCs with the evaluation of other indicators, such as the Smart Readiness Indicator (SRI) and the Indoor Environmental Quality (IEQ) of the buildings.

At the end of the training, energy inspectors should be able to issue a combined EPC and iBRoad2EPC according to the level of qualification already acquired through the national training scheme.

After the training, all participants are expected to evaluate the training material and procedure based on an evaluation questionnaire.

Objectives of the iBRoad2EPC field test

iBRoad2EPC is designed to become an integral part of the EPC. The iBRoad2EPC field test is designed to test the iBRoad2EPC methodology and tool in practical use.

Therefore, the iBRoad2EPC issuing procedure is intended as an extension/enhancement of the current EPC issuing methodology. Each one of the selected and iBRoad2EPC-trained energy inspectors is assigned to test the iBRoad2EPC methodology through a mandatory onsite visit and to issue the iBRoad2EPC for real buildings (multi-family or public).

Energy inspectors will thereby also provide suitable long-term and target-oriented recommendations and additional information (e.g., SRI, IEQ) to building owners. After completion of the field test, participants' (energy inspectors and building owners) experience is collected via an evaluation questionnaire in order to implement or propose optimisations. The field test opens the doors to an official launch of the iBRoad2EPC or relevant tools in specific country contexts.

Energy inspectors are expected to test iBRoad2EPC at approx. 10 buildings in Greece in total, selected by or in consultation with the iBRoad2EPC pilot country leader.

Tasks by the energy inspectors

- Willingness to take part in the experimental project iBRoad2EPC which envisages enhancing current EPC schemes.
- Attend the relevant training to be implemented by INZEB in June 2023 (online).
- Attend the field test from June to November 2023, i.e., complete a combined EPC/iBRoad2EPC site visit. The target is to examine 10 public buildings in total and issue the iBRoad2EPC for each of these buildings. In the case of EPC lack, the field test will also include the EPC issuing.
- Take part in the relevant evaluation process (questionnaires) concerning the iBRoad2EPC concept, methodology and tools, the training, and the field test.
- Agree with the publication of field test results and evaluation results (anonymised).

Benefits for the energy inspectors

The energy inspectors participate in an experimental European research project, thereby contributing to enhancing relevant national and EU policies and schemes.

They will be in the privileged position to gain a forerunner understanding of and experience with the national and EU policy developments, as well as the principles of long-term and step-wise renovation, long-term targets, and MEPS, and therefore will come to be one step ahead of their peers. Energy inspectors who take part in the field test receive a standard compensation fee.

The energy inspectors will be in a position to offer new services to their clients and advance their CVs.

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