

## “High-quality Energy Performance Assessment and Certification in Europe Accelerating Deep Energy Renovation”

### KEY WORDS:

Energy efficiency, energy auditing, building sector, deep renovation

### AIM:

To enhance the quality and cross-EU convergence of Energy Performance Certificate (EPC) schemes, and the link between EPCs and deep renovation.

### DURATION:

September 2019 – August 2022 (36 Months)

### FUNDING AND BUDGET:

- Horizon2020 (EU Framework Programme for Research and Innovation)
- 1.995.575 €

### COUNTRIES OF IMPLEMENTATION:

Bulgaria, Germany, Greece, Hungary, Latvia, Spain, Sweden

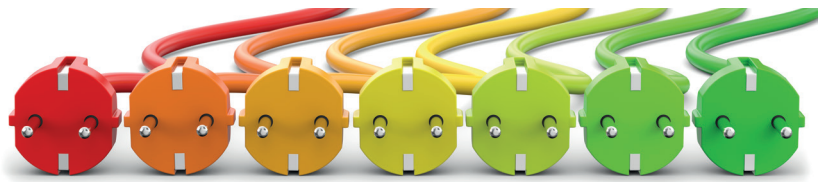
### PARTNERS:

1. Wuppertal Institut (DE)
2. CRES (GR)
3. Dena (DE)
4. EAP (BG)
5. EKODOMA (LV)
6. ENERGIACLUB (HU)
7. EPC mbH (DE)
8. FEDARENE (BE)
9. ESCAN (ES)
10. CIT (SE)

### ENERGY EFFICIENCY IN THE BUILDING SECTOR

Considering that 40% of the European Union’s energy consumption can be traced back to its buildings, it is essential to improve their energy efficiency in order to achieve the EU’s energy efficiency targets. Both the rate of energy renovation and its depth, i.e. the amount of energy savings during a renovation, need to be improved.

However, there are several challenges to overcome in order to increase market confidence and incite investments in energy efficient buildings, such as enhanced reliability, quality of the renovation recommendations, cost-effectiveness, and compliance with relevant EU standards and the EPBD.



### OBJECTIVES

QualDeEPC will work on EU-wide convergence of the building assessment and the issuance, design, and use of quality-enhanced EPCs as well as their recommendations for building renovation. The aim is to make these recommendations coherent with deep energy renovation towards a nearly-zero energy building stock by 2050. Under the coordination of the Wuppertal Institute, the project partners will work to create consensus in the participating countries and beyond, and to implement as many improvements as possible during the project period, involving certification bodies, energy agencies, building sector and certification stakeholders, and other relevant organisations.

WEBSITE: [www.qualdeepc.eu](http://www.qualdeepc.eu)

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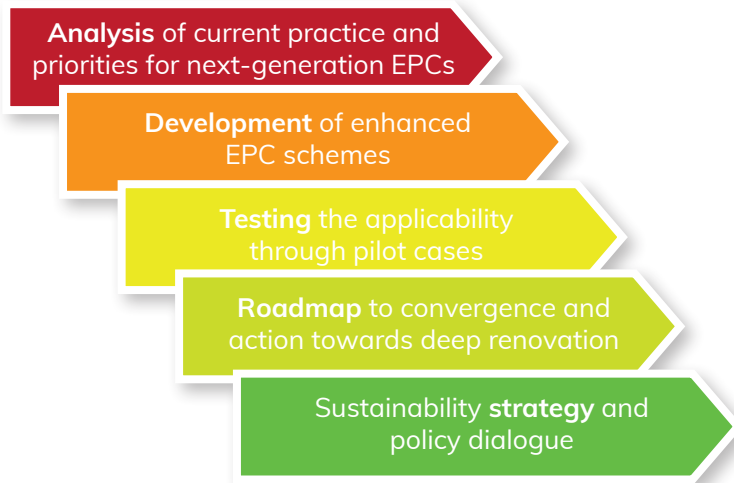
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## THE APPROACH



QualDeEPC will stimulate such changes by (1) **intensive dialogue** involving the important stakeholders at all levels from the very beginning in the above four project stages and (2) **disseminating** its findings among the relevant target audiences in Europe.

### PROJECT COORDINATION BY

Wuppertal Institut für  
KLIMA, UMWELT, ENERGIE gGmbH, Germany

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### PROJECT COMMUNICATION BY

EPC – Project Corporation Climate.  
Sustainability. Communications. mbH

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## THE PROJECT COMMUNITY

QualDeEPC puts in place a networking community of highly experienced practitioners and researchers:

The National Expert Fora, as well as an EU-level Technical Advisory Committee!

Types of stakeholders involved:

- National and regional certification bodies
- Energy consultants
- Energy experts
- Buildings Energy Auditors
- Buildings Energy Performance Certificates Registries
- EPC-Auditors
- Building manager association, and others

**Join this community and be part of the development of enhanced EPC schemes and their link to deep renovation.**

## THE IMPACT

A tool on improved renovation recommendations, coherent with deep renovation/nZEB targets and passports/roadmaps

This will achieve impact in two ways:

1. By the use of the software-based assessment tool for EPC recommendations by EPC issuers, which will improve the depth of renovation
2. By the use of the tool in informing investments in energy-efficient deep renovation.



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