



# QualDeEPC

Enhanced Energy Performance Certification  
linked with deep energy renovation

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

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

## Energy efficiency in the building sector – What Energy Performance Certification can do

40% of the European Union's energy consumption can be traced back to its buildings. Therefore, it is essential to improve their energy efficiency in order to achieve the EU's climate targets. Both the rate of energy renovation and its depth, i.e. the amount of energy savings achieved through a renovation, need to be improved. QualDeEPC's enhanced Energy Performance Certificate therefore puts more emphasis on recommendations for energy efficiency actions.

### This is why QualDeEPC focuses on

- the recommendations for building renovations that are provided on the EPCs, with the aim to make these recommendations coherent with deep energy renovation towards a nearly-zero energy building stock by 2050
- the EU-wide convergence of the building assessment and issuance, design, and use of quality-enhanced EPCs



## QualDeEPC is creating impact through policy proposals and tools

### 10 policy recommendations:

- Ensure high user-friendliness of the EPC template and data
- Implement a clear and ambitious definition of 'Deep Energy Renovation'
- Enhance the renovation recommendations on EPCs toward deep energy renovation
- Increase the coverage of the building stock with EPCs based on an energy audit or Renovation Passports
- Develop a better specification of energy data and classes on EPCs by the EPBD
- Provide an online tool on deep energy renovation options for building owners in each Member State
- Create Deep Renovation Network Platforms
- Require regular mandatory EPC assessor training or examination
- Provide voluntary/mandatory advertising guidelines for EPCs
- Improve compliance with the mandatory use of EPCs in real estate advertisements

# Recommended informative and user-friendly 1st page of energy performance certificates

General data and building specification


Current picture of the building

Box and check mark for other requirements, such as nZEB standard or smart readiness indicator

Energy performance and classification:

Current status and improved status after implementation of recommended 'main option' for energy renovation

Potential energy savings (in kWh/yr) and reduction in CO<sub>2</sub>/GHG emissions when implementing the recommended 'main option' for energy renovation

EPC form <i>for residential buildings</i>					
in accordance to Building Energy ACT XYZ					
Registry no.: 123456789		Valid until: DD/MM/YYYY		EPC type: e.g. asset rating	
other requirement(s), e.g nZEB standard, calculation method					
<b>Building data</b>					
Type of building	e.g. multi-family home,		Picture of building		
Address					
Additional specification of building	e.g. nine apartments;				
Year of construction					
Area					
Additional value					
<b>Energy classification and performance</b>					
minValue [kWh/m <sup>2</sup> yr]	maxValue [kWh/m <sup>2</sup> yr]	Energy class	1 <sup>st</sup> value, e.g. Primary energy	2 <sup>nd</sup> value, e.g. final energy	3 <sup>rd</sup> value <sup>1</sup> of Option 1*
		A+			
		A			
		B			65
		C			
		D			
		E			
		F	180		
		G			
		H			
* The underlain renovation recommendations and implementation scheme for Option 1 are given on p. 3 & 4.					
Potential final energy savings for renovation according to Option 1 (see p. 3 and 4): XYZ kWh/yr					
<b>Issuer</b>				<b>Date</b>	
e.g. address, telephone no., registry no.				Signature	
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## About QualDeEPC's Deep Renovation Network Platforms

- They support deep energy renovation linked to EPCs
- They offer the information, products and services that customers need
- They relieve, as much as possible, the customers of research, design or bureaucratic process.
- In the extended form, they may support the implementation on behalf of the customer, or even provide or organise financing.
- They create a one-stop-shop for communication between the different stakeholders involved in the energy renovation of buildings (residential / tertiary).

### QualDeEPC has developed concepts for Deep Renovation Network Platforms

in the 7 partner countries and implemented first versions of such platforms or improved existing ones.





Would you like to improve your building  
and consume less energy?

Visit the QualDeEPC Deep Renovation Network Platforms at  
<https://qualdeepc.eu/deep-renovation-network-platforms>

The platforms include online tools for deep energy renovation  
recommendations:

- Estimate for the energy demand of a specific building
- First renovation recommendations towards deep energy renovation
- Comparison between current and renovated state
- Next step: an energy audit to validate results and recommendations

## Partners



## Project coordination by

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All project results and deliverables are available on the project website: [\*\*www.qualdeepc.eu\*\*](http://www.qualdeepc.eu)

- Guidebook for improved EPC
- Conclusive policy recommendations guide
- Template for enhanced and more user-friendly EPC form
- EU Policy Recommendations Guide
- Summary evaluation report of enhanced EPC

