



THE RECAST EPBD

EPCs & RPs: what's missing?

23/05/2024

| H el ene Sibileau

Brussels





BUILDINGS PERFORMANCE INSTITUTE EUROPE

Who we are, what we do



EUROPEAN
NON-PROFIT
THINK-TANK



POLICY ADVICE
ON BUILDING
REGULATION,
FROM DESIGN TO
IMPLEMENTATION



BRUSSELS
AND
BERLIN



INDEPENDENT
RESEARCH AND
ANALYSIS



IMPROVING THE
ENERGY
PERFORMANCE
OF BUILDINGS
ACROSS EUROPE



IN OPERATION
SINCE 2010





April 2024

- Adoption by Parliament and Council



08/05/2024

- Publication in Official Journal of the EU
- Start of transposition period (2 years)

First half 2025

- Commission Guidance on EPBD

29/05/2026

- End of transposition period

By 31/12/2028

- Review of the EPBD

Other specific dates highlighted in thematic slides





THE RECAST EPBD

BPIE PUBLICATION

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THE EPBD DECRYPTED
A TREASURE CHEST OF OPPORTUNITIES TO
ACCELERATE BUILDING DECARBONISATION



RECAST EPBD

Four main building blocks

Updated standard for new buildings
(Zero Emission Buildings)

Renovation policies for existing buildings
(non-residential MEPS, trajectory for the
progressive renovation of the residential stock)

Social fairness
considerations

Planning for the 2050 vision (NBRPs)
and H&C decarbonisation

A stronger enabling framework (information,
advisory, and financial support)





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A stronger enabling framework: information, advisory, and financial support

Energy Performance Certificates

Renovation Passports

One-stop-shops

Financial support





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Energy Performance Certificates

Renovation Passports

One-stop-shops

Financial support



What does the EPBD bring?

Recap on Renovation Wave intentions and needs

Improve EPC as
information tool
(content)

Boost tools
usefulness towards
deep renovation

Enhance EPC
comparability /
harmonisation

Increase coverage
of building stock
with EPCs / RP
uptake

Improve
accessibility of
information for all
actors

Better use public
funding and attract
more private
financing

Improve
coordination
between
information tools



Improved Energy Performance Certificates

An increasingly common approach to EPC scales, with some national flexibility retained

- Recalibration of EPC classes from 'A' to 'G' only
- “Appropriate distribution of energy performance indicators” among 'B' to 'F'
- To be commonly used: 'G' = very worst performing buildings at national level, 'A' = ZEB
- Common visual identity at national level
- Updated scale to apply as of 29/05/2026 (possible derogation until 31/12/2029)





Improved Energy Performance Certificates

More complete, informative, and useful EPCs

- Energy performance to be expressed in numeric indicators of both primary and final energy use
- Lifecycle GWP of new buildings to be disclosed through EPCs (as of 2030)
- Common EPC template to be used as of 29/05/2026
- Widened scope of EPC recommendations (improved IEQ, financial incentives and benefits, possible alternatives for replacing H&C systems, assessment of HVAC systems capacity to operate at low temperature)
- Strengthened provisions linked to quality control of EPCs (validity and availability)

Improvements are unfortunately restricted to a small number of EPCs

- Trigger points for issuing EPCs increased (major renovation + renewal of rental contracts)
- EPC lifespan remains 10 years → EPCs issued according to two scales will co-exists until around 2036
- By default, EPCs are issued through on-site visit but it can be carried “*by virtual means with visual checks*”
- Improvements to EPC content will materialise for small number of EPC (leave out owner-occupier?) and very gradually
- But affordability to be ensured for vulnerable households



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Renovation Passports

An EU framework to supervise and facilitate uptake

Definition for Renovation Passport

- *“Tailored roadmap for the deep renovation of a specific building in a maximum number of steps that will significantly improve its energy performance”*
- Outlines how, in a few steps, an existing building should be renovated into Zero Emission Buildings
- Definition of ‘staged deep renovation’ links to RP (= a deep renovation *“carried out in a maximum number of steps, as set out in a renovation passport”*)

Common EU framework for Renovation Passport

- Mandatory national schemes to be introduced by 29/05/2026
- But voluntary use by building owner
- Could play a bigger role in Art 9 implementation (if MS decide so)

Quality principles ensured

- Social fairness: Member States shall ensure Renovation Passports are affordable and shall consider providing support to vulnerable households
- Coordination with other tools (especially EPC)
- Balance between forward looking approach (RP accessible in DBL) and safeguards (on-site visit by qualified or certified expert)

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Accessibility of information

DBL and energy performance databases

Definition for Digital Building Logbook

- What: *“a common repository for all relevant building data, including data related to energy performance such as EPCs, RPs and SRI, as well as data related to the lifecycle GWP...”*
- Purpose: *“...which facilitates informed decision making and information sharing within the construction sector, and among building owners and occupants, financial institutions and public bodies”*

National Energy Performance Database (Art 22)

- Data at building and building stock level
- Data gathered from EPCs, inspections, RP, SRI, metered energy
- Data aggregated and anonymised, to be made publicly available
- Member States shall ensure easy and free-of-charge access to the full EPC for building owners, tenants and managers and to financial institutions + ensure access of local authorities to data of buildings on their territory for mapping/planning purposes
- At least annual update of national database info into BSO

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THE RECAST EPBD - concluding remarks

The road from Brussels to capitals...



Building stock currently off track to achieve climate neutrality by 2050



Recast EPBD is the main legislative driver for the building sector



Recast EPBD can contribute closing the decarbonisation gap in a socially fair way

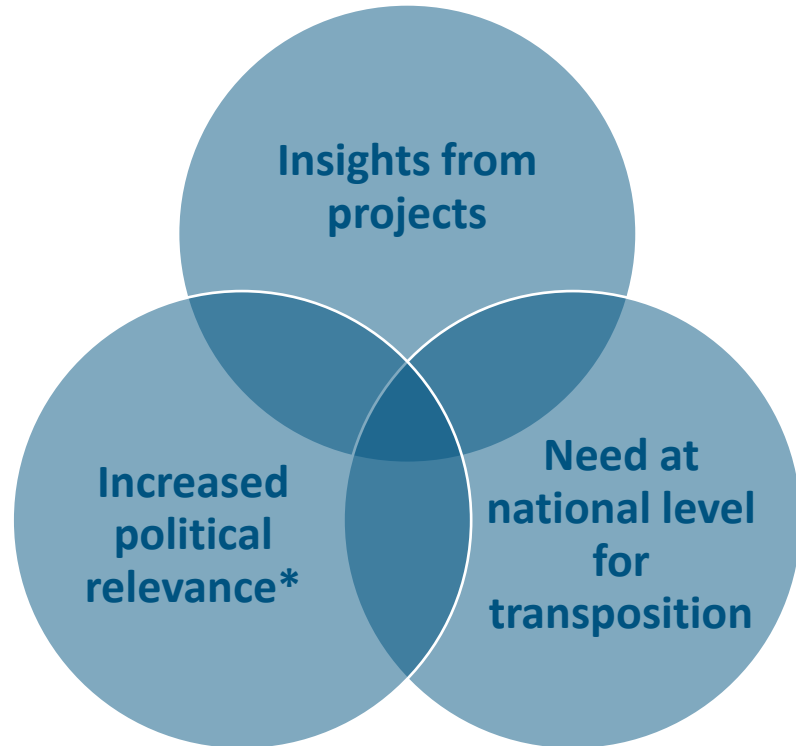


But we need to start with transposition / implementation to get results



THE RECAST EPBD – concluding remarks

Specifically on EPCs, RPs, DBLs...



*Link with other EPBD provisions

- ZEB (EPC A = ZEB)
 - Non-residential MEPS (to express “tranches” and to check compliance at individual level)
 - Residential trajectory (calculation can be based on EPCs)
 - H&C decarbonisation (through EPC recommendations)
 - NBRP / template (reporting on EPC coverage)
- **EPCs and RPs are key to deliver other policies**





BPIE's WORK

Let's connect for further collaboration!

**Projects related to
EPBD
implementation**

- EPBD.wise (i.a. EPCs, RP)
- Renocally (RP)
- Guide to EPBD Implementation

**Projects related to
EPCs / RPs / DBLs**

- Heat Pump Readiness in EPCs
- XTENDO
- IBROAD
- IBROAD2EPC
- DEMO-Blog





Hélène Sibileau
Senior Policy Advisor
helene.sibileau@bpie.eu

www.bpie.eu

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