



MAKING THE RENOVATION WAVE EFFECTIVE

23/05/2024

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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



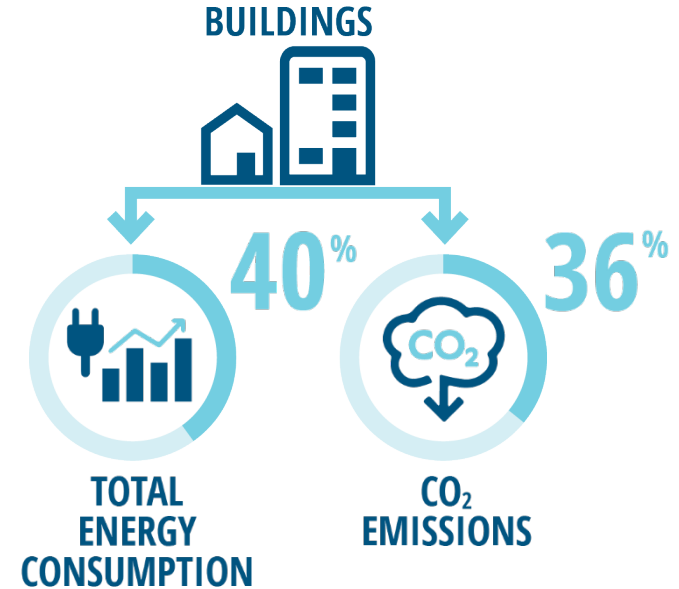
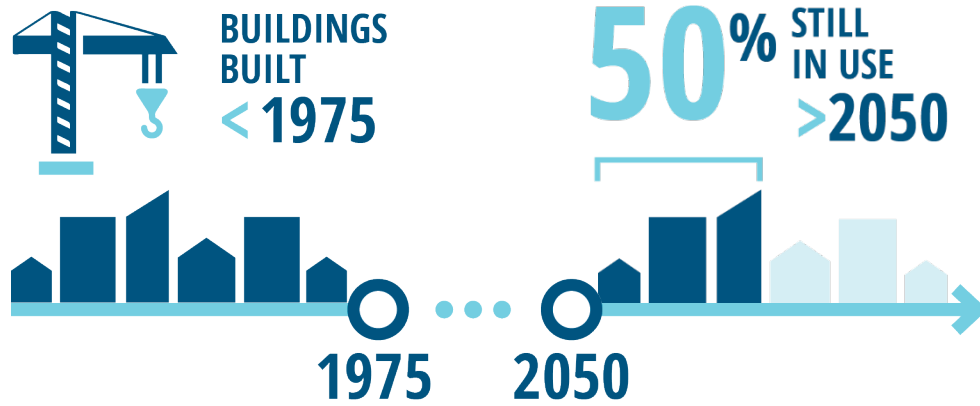
IMPROVING THE
ENERGY
PERFORMANCE
OF BUILDINGS
ACROSS EUROPE



IN OPERATION
SINCE 2010

EUROPE'S BUILDINGS

Nearly 75% of the stock is energy inefficient



RECAP OF THE LAST 5 YEARS



RENOVATION WAVE IN A NUTSHELL

OBJECTIVES AND PRINCIPLES



Double annual energy renovation rate by 2030 and foster deep energy renovations



Renovate 35 million building units



Create jobs and reduce GHG emissions and energy consumption

1

Energy efficiency first



Decarbonisation and integration of renewables



High health and environmental standards



Affordability



Life-cycle thinking and circularity



Tackling the twin challenges of the green and digital transitions



Respect for aesthetics and architectural quality



RENOVATION WAVE IN A NUTSHELL

7 AREAS OF INTERVENTION

1 Strengthen information, legal certainty and incentives for renovation

2 Ensure adequate and well-targeted funding

3 Increase capacity to prepare and implement projects

4 Promote comprehensive and integrated interventions (smart buildings, integration of RES, etc.)

5 Construction sector fit to deliver sustainable renovations based on circular solutions

6 Use renovations as a lever to address energy poverty and access to healthy housing

7 Promote decarbonisation of heating and cooling



EFFICIENCY FIRST PRINCIPLE

A GUIDING PRINCIPLE FOR THE EU

- ▶ Introduced in 2015: energy efficiency first
- ▶ While taking full account of security of supply and market integration, the Energy Efficiency First principle aims to ensure that:
 - only the energy really needed is produced
 - investments in stranded assets are avoided
 - demand for energy is reduced and managed in a cost-effective way
- ▶ Definition in art. 3 EED: obligation for EU countries to ensure that EE solutions are considered in planning, policy and investment decisions in both the energy and non-energy sectors.





RECAST EPBD – WHAT DO YOU NEED TO KNOW?

FOUR MAIN BUILDING BLOCKS

UPDATED STANDARD FOR NEW BUILDINGS

from NZEB to ZEB

Towards fully decarbonised buildings

Progressive integration of lifecycle

Aligned with solar mandate

RENOVATION POLICIES FOR EXISTING BUILDINGS

Public buildings: 3% renovation/year (EED)

Worst Performing Buildings

MEPS non-residential/Mandatory trajectory for residential

SOCIAL FAIRNESS CONSIDERATIONS

PLANNING FOR THE 2050 VISION AND H&C DECARBONISATION

2050 vision

National Building Renovation Plans

Provisions to decarbonise H&C

STRONGER ENABLING FRAMEWORK

Improved Energy Performance Certificates

Building Renovation Passports

One-Stop-Shops

Financial support



SOCIAL FAIRNESS CONSIDERATIONS

KEY ROLE OF REGIONAL AND LOCAL AUTHORITIES

Legal definition of energy poverty and vulnerable households

Strong emphasis on renovating worst-performing buildings

Ensuring affordability of information, advisory services and financial support

Social safeguards: protection for tenants, monitoring of social impacts of building policies





April 2024

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

Summer 2026

- End of transposition period



By 31/12/2028

- Review



CONCLUDING REMARKS

THE ROAD FROM BRUSSELS TO CAPITALS



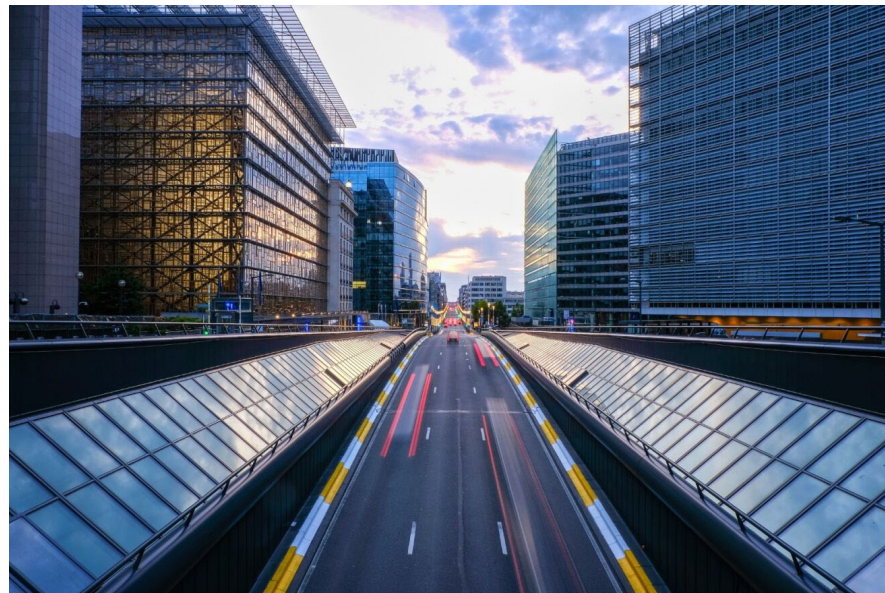
Building stock off track
to achieve climate neutrality by 2050



Recast EPBD key component of the
Renovation Wave: contributes to closing
decarbonisation gap in a socially fair way



Regional and local authorities: primary role
to deliver results (OSS, BRP, renovation of
public buildings)





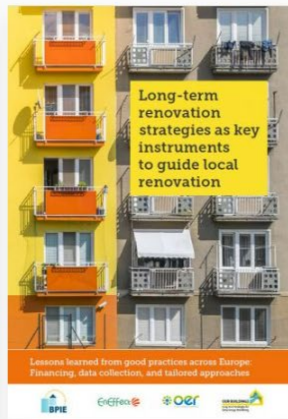
WHERE CAN YOU FIND BEST PRACTICES?

www.bpie.eu

#MunicipalRenovationStrategies



Technical assistance: Local authorities needs and upcoming policy



Long-term renovation strategies as key instruments to guide local renovation -Lessons learned from good practices across Europe



Our Buildings: Templates for setting up consistent national and municipal long-term renovation strategies



Financing Energy Renovation in Buildings - Guidance on financial schemes with a focus on Bulgaria and Romania





MAY 2024

THE EPBD DECRYPTED

A TREASURE CHEST OF OPPORTUNITIES TO ACCELERATE BUILDING DECARBONISATION

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