
Thibault Roy
ENER/B - Just Transition, Consumers, Energy Efficiency and Innovation
Unit ENER B.3 – Buildings and products
Outline

- Background
- Objectives
- Some key provisions, also with a focus on data and financing
- Questions
Background

- Targets and needs
- Renovation Wave
- Fit for 55/Delivering the Green Deal package. Links with other initiatives, including EED, ETS, RED2
- EPBD proposal adopted on 15 December 2021 - COM(2021) 802 final
- Discussions in Council and Parliament
Objectives of the EPBD revision

Twofold objective:

- Contribute to reducing buildings’ GHG emissions and final energy consumption by 2030
- Provide a long-term vision for buildings and ensure an adequate contribution to achieving climate neutrality in 2050

Climate Target Plan: by 2030 the EU should reduce buildings’:
- GHG emissions by 60%
- final energy consumption by 14%
Some key provisions

- **Existing buildings**
  - Minimum Energy Performance Standards
  - Definition of “deep renovation”

- **New buildings**
  - Zero-emission buildings
  - Whole life cycle carbon

- **Information**
  - Energy Performance Certificates
  - Databases, access to data

- **Financing**
  - Some specific provisions
  - Focus on Article 15
Existing buildings

• **Minimum Energy Performance Standards (MEPS)**
  • Union-wide MEPS to phase out worst-performing buildings
    • Public and other non-residential buildings: at least EPC class F by 2027 & EPC class E by 2030
    • Residential buildings: at least EPC class F by 2030 & EPC class E by 2033
  • + ‘national MEPS’

• **Definition of “deep renovation”**
New buildings

• From nearly zero energy (NZEBs) to zero emission buildings (ZEBs)
  • Benchmarks per climatic zones, to be applied by 2030 (2027 for public buildings)
  • On-site renewables, efficient district heating and energy communities
  • Zero-emission buildings become the level to be attained by a deep renovation as of 2030 and the vision for the building stock in 2050

• Whole life-cycle carbon: life-cycle Global Warming Potential (GWP)
Information

- **Energy Performance Certificates (EPCs)**
  - By 2025, harmonised scale of energy performance classes (from A to G, with A = ZEB and G = 15% worst buildings)
  - Common template with energy and GHG indicators
  - Validity of energy performance certificates of the lower D to G classes reduced to five years

- **Databases**

- **Access to data**
Financing

• **Some specific provisions**
  - National building renovation plans
  - Minimum energy performance standards
  - Renovation passports

• **Focus on Article 15**
  - Ambition level
  - Public funding
  - Financing mechanisms
  - Link with deep renovation, taxonomy
Thank you
Useful links

