



Improving the energy performance of buildings



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Political context

Energy Union Communication

Rethink energy efficiency as an **energy source** in its own right

*This means increasing energy efficiency, **in particular in the building sector**, and promoting an energy-efficient and decarbonized transport sector as well as efficient products.*

9. In 2015 and 2016, the Commission will **review all relevant energy efficiency legislation**

10. The Commission will develop a **Smart Financing for Smart Buildings** initiative to make existing buildings more energy-efficient, facilitating access to existing funding instruments



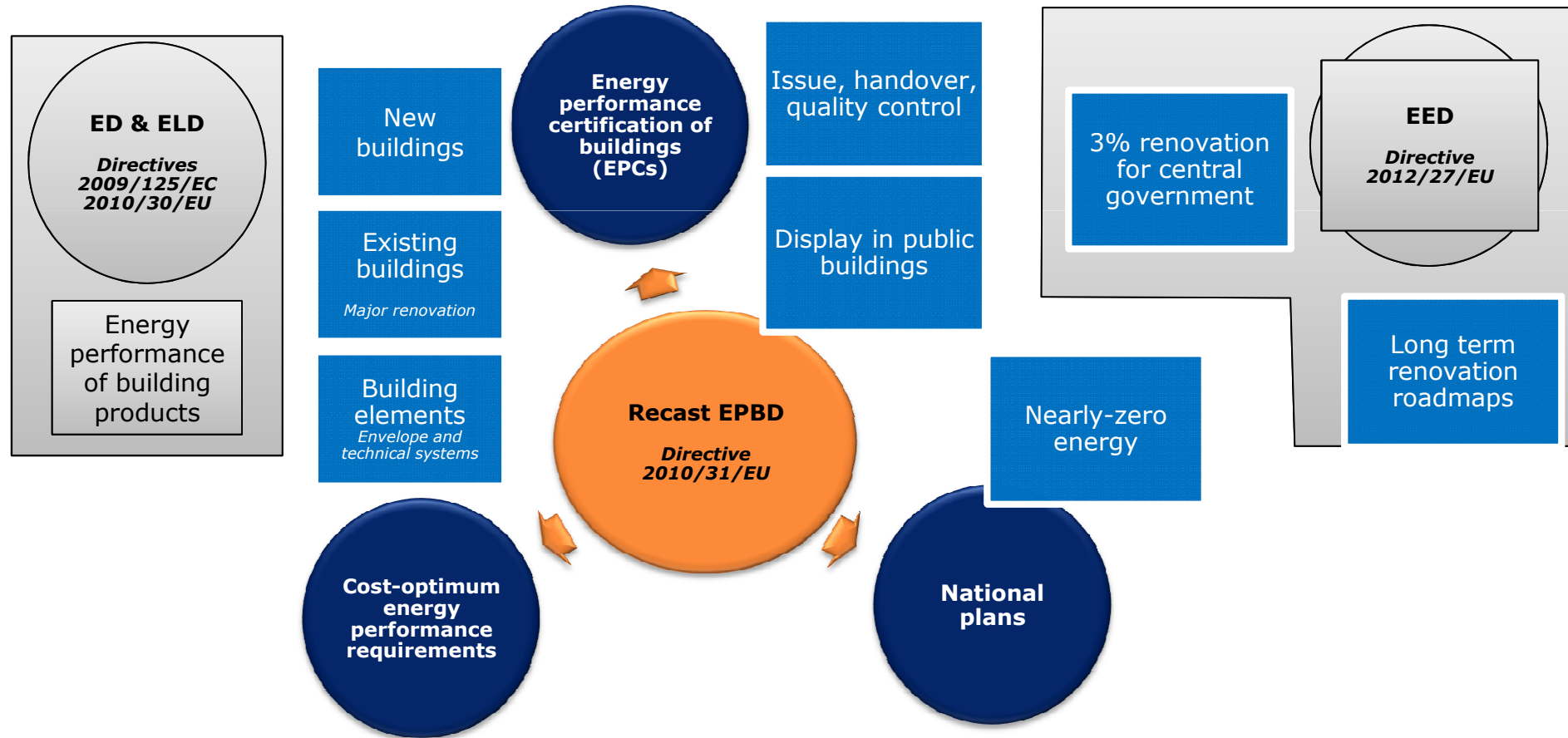
Ongoing work

- Transposition and implementation of EED and EPBD:
 - **Support MS with good practice and guidance**
 - **Infringement procedures**
- Assessment of the EPBD '*Ex-ante conditionalities*' for European Structural and Investment Funds:
 - **Dialogue with the Member States**
 - **EPBD Articles 3,4 and 5 and Article 11**



European
Commission

How the pieces fit together?





Energy Performance of Buildings Directive EPBD

Key elements of the EPBD:

- **Minimum performance requirements** for buildings and building elements
- "Technology neutral" benchmarking system to harmonise the level of ambition at **cost-optimal** level and keep minimum requirements under regular review
- **Nearly zero-energy building** targets for new buildings
- Improved **certification schemes**



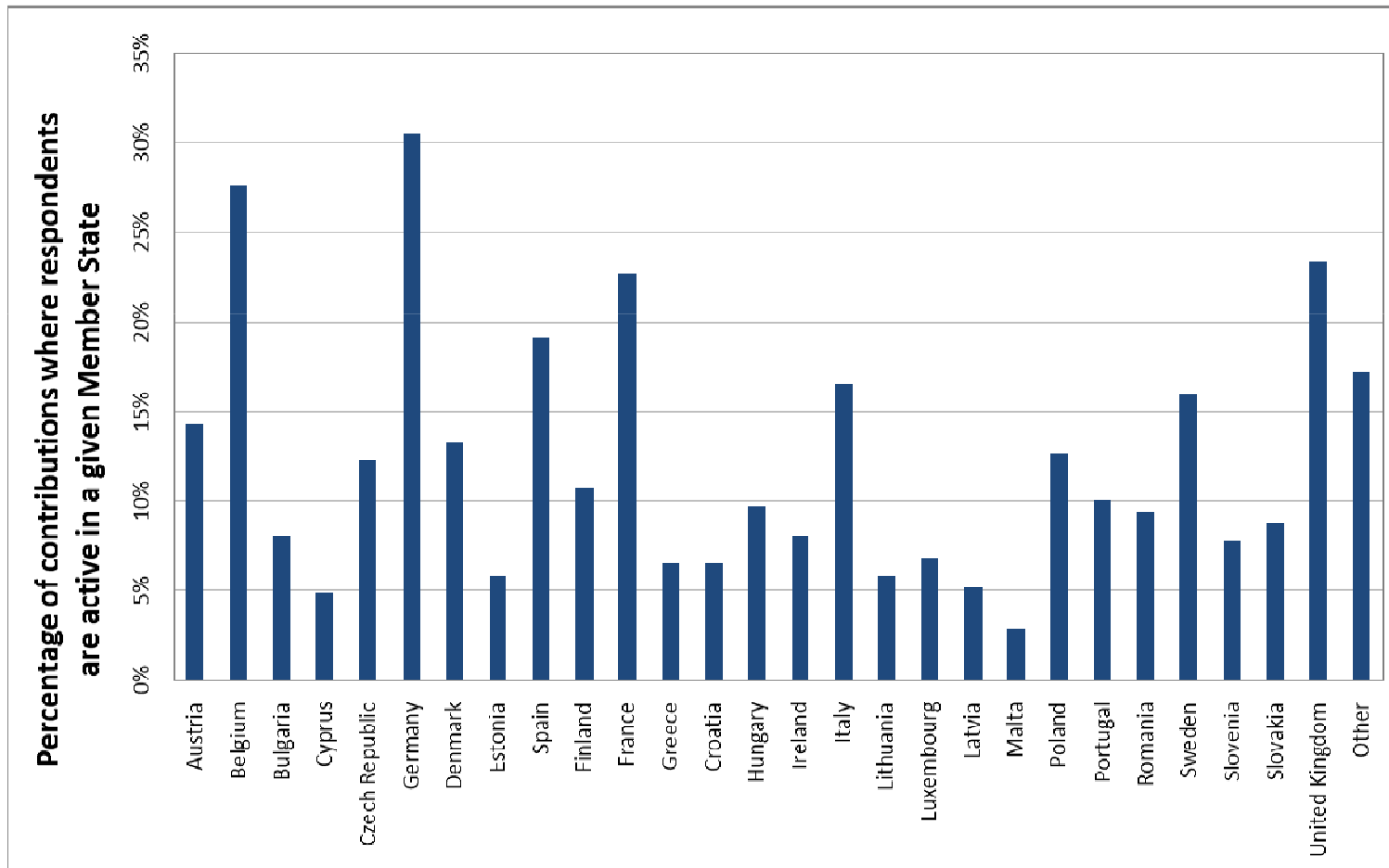
Ongoing *ex-post* evaluation of the EPBD

Online public consultation from 30 June to 31 October 2015

Member States targeted consultation on
25-27 November 2015- Concerted Action
EPBD

In-depth technical workshops on specific
topics in December 2015

Open Public consultation: More than 300 replies



https://ec.europa.eu/energy/sites/ener/files/documents/Task2_final%20report_Public%20Consultation%20on%20the%20Evaluation%20of%20the%20EPBD.PDF

Outcome of the public consultation

In general terms, the Directive:

- good framework for improving energy performance of buildings
- most successful in improving energy performance for new buildings but insufficient incentives for energy efficiency renovations
- Not as effective as it could be. Why?
 - **Slow implementation**
 - **Poor compliance and enforcement**
 - **Low renovation rate**

To be followed by an *ex-ante* Impact Assessment- Options mapping

- Baseline scenario- no EU policy change
- Improved implementation and enforcement
- Alternative policy approaches
- Options that take account of new technological developments- 'smartness'

http://ec.europa.eu/smart-regulation/roadmaps/docs/2016_ener_001_epbd_smart_buildings_en.pdf

Article 4 EED, a tool for mobilising investments in building renovation

- Roadmaps to cover entire building stock, for the first time
- Bringing together various elements of the EED and the EPBD



Evaluation of the national renovation roadmaps

About to be finalised:

- **Broadly positive results as regards fulfillment of requirements in Article 4 EED**
- **Points towards need for more guidance:**
 - *Not all MSs provided a clear indication of their renovation targets. A description of potential energy savings and other benefits associated to the targets, when defined, is usually missing*
 - *Developing forward looking perspectives to guide investments, one of the most difficult aspects*
 - *Long term vision often lacking*

More generally, supports need for...

- **Better data** on performance of existing buildings, to assess effects of policies and tailor refurbishment programmes.
- Improving access to **financing** and maximising the use of cohesion policy financing for building renovation
- Identify **best practices** for benchmarking purposes and **guidance** to improve ambition and effectiveness



Thank you!

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