



Policy context

**Clean Energy for all Europeans
Package
&
Energy Performance of
Buildings Directive**

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Clean Energy for All Europeans Package

THE RIGHT REGULATORY FRAMEWORK FOR POST – 2020



Energy Union Governance



Energy Efficiency

(Energy Efficiency Directive, European Performance of Buildings Directive)



Renewables

(Revised Renewable Energy Directive)



New Electricity Market Design

(including Risk Preparedness)



Energy prices and costs report



Energy Efficiency Directive

- 32.5% energy efficiency target for 2030;



Ecodesign Working Plan 2016-2019

- List of new product groups;
- Contribution to circular economy objectives;



Energy Performance of Buildings

- Supportive of renovation;
- Smarter – ICT, smart buildings;
- Simpler;

Energy Efficiency update

STATE OF PLAY

Revised **Energy Performance of Buildings Directive** agreed and published – 19 June 2018; entry into force – 9 July 2018

Revised **Energy Efficiency Directive** agreed and published – 21 December 2018; entry into force – 24 December 2018

- Energy efficiency headline target of **32.5% for 2030**

Ecodesign and Energy Labelling:

- Revised Tyre Labelling regulation adopted (May 2018)
- To be adopted – revised and new Ecodesign & Energy Labelling regulations for: Household and commercial fridges, dishwashers, washing machines, electronic displays, lighting, external power supplies, motors, industrial fans, transformers, servers and welding equipment

Revised EPBD

MAIN OUTCOMES

Stronger **long term renovation strategies** for Member States, aiming at decarbonisation by 2050, with a solid financial component, and a clearer link between energy efficiency and financing

A **Smart Readiness Indicator** for buildings.

Targeted support to **e-mobility** infrastructure deployment in buildings' car parks.

Enhanced **transparency** of national building energy performance calculation methodologies.

Reinforcement of **building automation**: additional requirements on room temperature level controls, building automation and controls and enhanced consideration of typical operating conditions

Smarter buildings

SMART READINESS INDICATOR (SRI)

“An optional common Union scheme for rating the smart readiness of buildings”
(Article 8(10) revised EPBD)

“(…) Three key functionalities relating to the building and its technical building systems:

- (a) the ability to maintain energy performance and operation of the building through the adaptation of energy consumption (...);*
- (b) the ability to adapt its operation mode in response to the needs of the occupant (...), maintaining healthy indoor climate conditions (...); and*
- (c) the flexibility of a building's overall electricity demand (...)”*

A delegated act for the definition and calculation methodology of the SRI and an implementing act for the detailed implementation modalities

The SRI legal acts are prepared by the EC services, through an open and inclusive process, with the support of dedicated technical studies

See <https://smartreadinessindicator.eu/>

Energy performance assessment

ENERGY PERFORMANCE CERTIFICATES

Aims, objectives and provisions of Articles 11 to 13 EPBD **remain unchanged:**

- Compare and assess performance,
- Make recommendations

Policy context (EPBD) evolves:

- E.g. focus on renovation, greater role of smart systems, use of standards

New related provisions:

- Article 10(6): Member States to link their energy efficiency financial measures to targeted or achieved energy savings (can be based on EPCs)
- Article 10(6a): Databases for energy performance certificates to allow for data to be gathered on the measured or calculated energy consumption



ENERGY UNION

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Thank you!

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Energy Efficiency Unit

DG ENER, European Commission

<https://ec.europa.eu/energy/en/news/commission-proposes-new-rules-consumer-centred-clean-energy-transition>