

The background is a dark blue image of the Earth from space, with glowing blue energy lines or orbits crisscrossing the globe.

*>> Clean Energy Package:
Energy Performance of Buildings Directive
>> Rescaling and new EU Labelling
Regulations*

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Energy Performance of Buildings Directive - Amendments



Energy
Community

Energy Performance in Buildings Directive 2010/31/EU
*(incorporated and amended by EnC Ministerial Council
Decision of 24 September 2010)*

EU 2018
Clean
Energy
Package

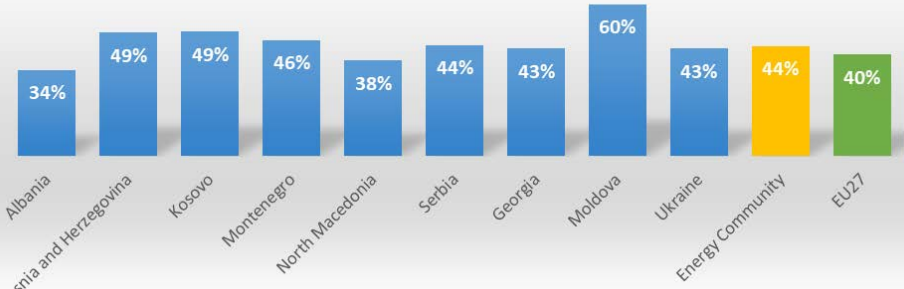
Directive (EU) 2018/844
(amending significantly EPBD)

Governance Regulation (EU) 2018/1999
*(EPBD amendments related to governance/integrated
reporting/renovation strategies&NZEBs)*

Energy Performance of Buildings Directive - Importance for Energy Community

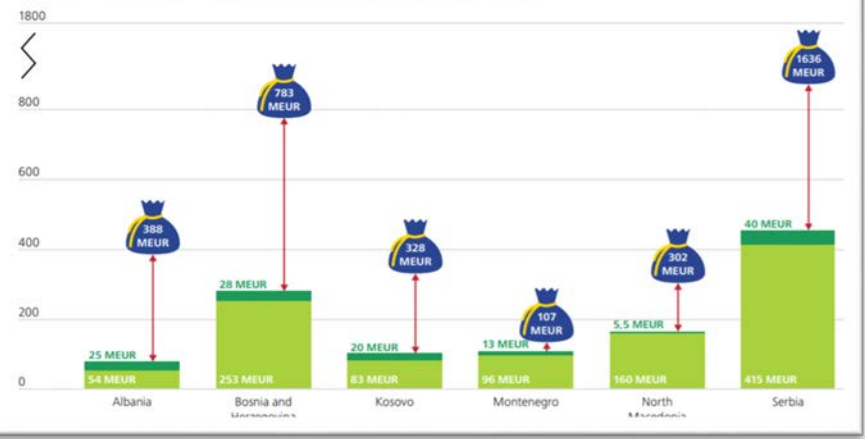


Buildings' share in TFECE (2018)



Source: Eurostat

Investment gap in energy efficiency in buildings programmes



FLAGSHIP 6 – RENOVATION WAVE

The Commission proposes to **expand the “EU renovation wave”** to the Western Balkans. The building sector accounts for **over 40% of total energy consumption¹** in the Western Balkans. **Renovating public and private buildings to meet minimal energy performance standards** can make a very significant contribution to the reduction of greenhouse gas emissions, improve the living standards of citizens, as well as their health. A building renovation wave implemented with the help of the Energy Community will assist the Western Balkans in **decarbonisation of public and private building stock**, with a **strong emphasis on digitalisation and taking into account energy poverty**. The EU together with international financing institutions, will support the efforts of the Western Balkans partners to **triple the current renovation rate and energy savings** in existing buildings and **achieving nearly-zero energy and emission standard in new buildings**.

Source: EC, Economic and Investment Plan for the Western Balkans

DISCUSSION PAPER

by the Energy Community Secretariat

on Riding the Renovation wave in the Western Balkans
Proposal for boosting energy efficiency in the residential building sector

DP 01/2021 / 25 Feb 2021

Source: Energy Community Secretariat

To be adapted for the Energy Community (COM to propose)

- **Low and zero emission building stock in the EU by 2050**
- **Use of smart technologies (self regulating devices)**
- **Supports the roll-out of the infrastructure for e-mobility**
- **Smartness indicator**
- **Long term building renovation strategies**
- **Mobilises public and private financing and investment**

Source: European Commission

Long term building renovation strategies (new Article 2a)

- Requirement for Member States to:
 - ✓ Establish comprehensive strategies;
 - ✓ Set up roadmaps 2050;
 - ✓ Carry on a public consultation.
- Energy poverty and financial component.

Source: European Commission

Additional provisions to support the deployment of the EU infrastructure for electro-mobility (Article 8)

- Minimum number of charging points.
- Simplification of the deployment of recharging points – address regulatory, permitting, approval procedures.
- Deployment of ducting infrastructure in new or major renovated non – residential and residential buildings > 10 parking places.
- 1 charging point per building in non residential blds new or renovated.
- Targeted exemptions.

Source: European Commission

Inspections on heating & air-conditioning systems are updated (Articles 14 and 15) – new provisions on self-regulating devices (Article 8(1))

- Thresholds for inspections: over 70 kW heating and ventilations system.
- Alternative measures to mandatory inspections.
- Additional requirements for building automation and control systems by 2025, for systems over 290kW.
- Additional requirements on the installation of self-regulating devices.

Better data both for Energy Performance Certificates (Article 10) and Technical Building Systems performance documentation (Article 8(5))

- Requirement for EPC databases on energy consumption of buildings.
- Availability of data.
- Assess and document the performance.
- Complementary with other initiatives.

The background is a dark blue image of the Earth from space, showing the continents. Overlaid on the Earth are numerous glowing blue lines that represent energy or data connections, forming a complex network across the globe.

Rescaling and new EU Labelling Regulations

➤ From 1 March/September 2021 the following Regulations are applicable in the EU

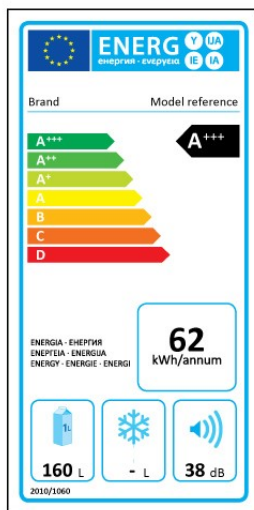
1. **Regulation on energy labelling for household dishwashers (EU) 2019/2017**
repealing Regulation (EU) No 1059/2010
2. **Regulation on energy labelling for refrigerating appliances (EU) 2019/2016**
repealing Regulation (EU) No 1060/2010
3. **Regulation on energy labelling for light sources (EU) 2019/2015**
repealing Delegated Regulation (EU) No 874/2012
4. **Regulation on energy labelling for household washing machines and washer-dryers (EU) 2019/2014**
repealing Regulation (EU) 1061/2010 and Directive 96/60/EC
5. **Regulation (EU) on energy labelling of electronic displays (EU) 2019/2013**
repealing Regulation (EU) No 1062/2010

➤ What are the changes?

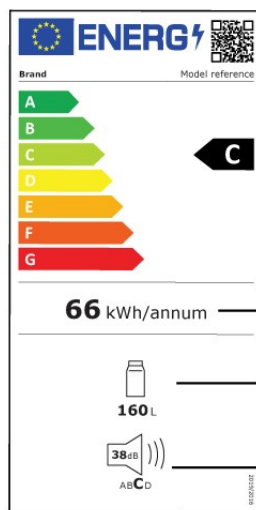
- No more products ratings as A+, A++ or A+++
- All new labels return to a simpler A-G scale
- This scale is stricter - the most energy efficient products currently on the market will typically now be labelled as “B”, “C” or “D”
- The layout of the new label is different, with clearer and more modern icons
- New elements are included on the labels, including a QR code link to an EU-wide database, which will allow consumers to find more details about the product

How to recognise a rescaled product ?

Current energy label



New energy label



The **QR code** gives access to more information on the model

The **rescaled energy efficiency class** for this fridge, an A+++ in the previous label

The **annual energy consumption** of this fridge is calculated with refined methods

The **volume** of the fridge expressed in liters (L)

The **noise level** measured in decibels (dB) and using a four classes scale

The energy labels for a fridge without freezer

- According to 2018 MC Decision and Framework Regulation 2017/1369 (Articles 16 and 20(5)), the Commission to inform and propose to the Ministerial Council the incorporation of above mentioned updated delegated acts supplementing Regulation (EU) 2017/1369 in the Energy Community.

The background is a composite image of Earth from space, showing the curvature of the planet and city lights at night. Overlaid on this is a complex network of glowing blue lines and nodes, representing an energy grid or communication network.

*Thank you
for your attention!*

www.energy-community.org