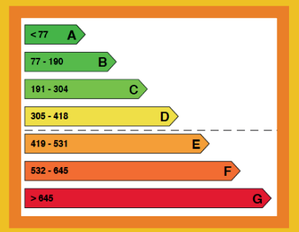
WHY ENERGY PERFORMANCE CERTIFICATES?



Energy Performance Certificates are aimed at providing citizens, public authorities and businesses with information about the energy performance of their building in order to be able to take informed decisions about **managing their own building and reducing the energy demand through long-term measures**. Indeed, it is possible to **reduce the energy consumption of a large part of the building stock by 80%** with currently available technologies.

What are the current legal requirements for Energy Performance Certificates?

The Energy Performance of Buildings Directive (2010/31/EU) mandates the following requirements:

- All buildings that are **rented, leased or sold** must have an Energy Performance Certificate based on primary energy consumption associated with a typical use of the building (and must display its rating in the advertisement when a building is marketed for sale or lease)
- All public buildings over 500m² (and over 250m² from 2015) frequently **visited by the public** must display their Energy Performance Certificate in a visible location.
- The Energy Performance Certificate delivered must contain **cost-optimal recommendations** to improve the energy performance of your building
- The Energy Performance Certificate must be delivered by a **qualified energy expert**.

PARTNERS

Office for Infrastructure and Logistics in Brussels (OIB)
The mission of the OIB is to ensure the implementation of all actions connected with the accommodation of personnel, the management of social infrastructure and the logistics of the EU institutions in Brussels. The OIB's aim is to ensure a functional, safe and comfortable workplace for all those working for the Commission, and to provide good quality support and well-being services, based on a client-oriented approach, in an environmentally-friendly and cost-effective way.

European Commission

Energy Cities and its Display Campaign
The Energy Cities network with over 1000 local authorities aims to accelerate the energy transition at the local level. It notably provides its members with guidance for building their energy transition strategy, offers them information on financial and technical assistance opportunities and gives them access to a myriad of good practices and innovative working methods. The European Display® Campaign was initiated by Energy Cities in 2003 as a voluntary scheme. The Campaign encourages local authorities to publicly display the energy and environmental performances of their public buildings.

energycities

display®

Renovate Europe Campaign
Launched in 2011 in response to a gap in EU priorities for Energy Efficiency in Buildings, the Campaign's headline ambition is to reduce the energy demand of the building stock in the EU by 80% by 2050 as compared to 2005 levels. A political communications campaign, Renovate Europe brings together companies and associations throughout the construction value chain to raise awareness about the benefits and trigger action in the renovation market.

RENOVATE EUROPE

More information:
ec.europa.eu/oib.htm
energy-cities.eu
renovate-europe.eu

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WHAT IS THE ENERGY PERFORMANCE OF YOUR BUILDING?

Case study of the Commission buildings in Brussels

By the European Commission, Energy Cities and Renovate Europe

WHAT PROGRESS SO FAR IN COMMISSION BUILDINGS?

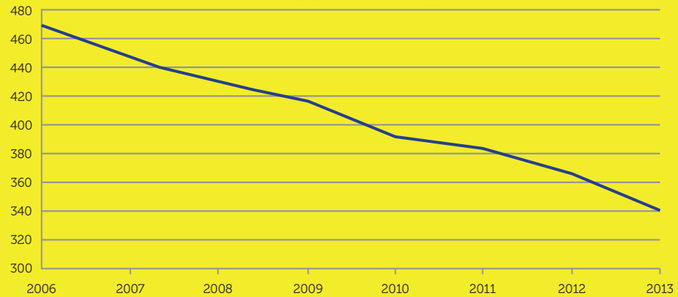
Over the last 10 years, the technical services responsible for the management of the Commission's buildings have been working to **reduce their energy consumption** with significant visible results in Brussels.

– 4 % /YEAR

The average energy consumption per square meter has **decreased** by more than 30% between 2005 and 2013, which is more than 4% per year.

– 30% /8 YEARS

All Commission Buildings - Brussels Evolution of Energy Consumption (kWh/m²)



At first, energy performance was improved by replacing abandoned buildings with more energy efficient buildings.

In recent years, improving the energy efficiency of buildings has been done in a more systematic way, through **energy audits of buildings**, and planning and implementation of **energy saving technical measures**.

WHY STOP ENERGY WASTE IN BUILDINGS?

INDUSTRY 21% | TRANSPORT 33% | BUILDINGS 43%

Devouring 43% of all primary energy consumed in the EU, **buildings represent the largest energy consuming sector in the EU** – more than transport and more than industry. This results in the building stock in the EU emitting about **36% of the EU's CO_2 emissions.**

90%

We spend on average **90% of our time in buildings**, be they our homes, our offices, our schools, etc. Are you aware of the energy performance of your buildings? How much energy do they consume? How much CO_2 do they emit? And what steps could be taken to improve their energy performance?

Stopping energy waste in buildings is one of the most cost effective ways to

- boost the economy through the creation of local jobs in the construction sector
- increase security of supply through reduced energy dependence
- lower citizens' energy bills
- cut CO_2 emissions
- improve air quality and health
- regenerate urban areas for next generations.

Did you know?

Increasing the Energy Performance of your building by one letter will raise the value of your property by up to 8%

Source: Energy performance certificates in buildings and their impact on transaction prices and rents in selected EU countries (European Commission Report, April 2013)

WHAT PROGRESS SO FAR IN EU DIRECTIVES?

NEW BUILDINGS

For **new buildings**, the Energy Performance of Buildings Directive introduced an **ambitious goal that all new buildings built after 2020 must be nearly zero energy buildings** (after 2018 for all public buildings).

EXISTING BUILDINGS

For existing buildings, energy performance requirements must be **set by the Member States at cost-optimal level** in accordance with the EPBD.

The aim is to achieve the **same level of ambition** across the EU.

NATIONAL RENOVATION STRATEGY ⟶ 2050

More than 90% of the buildings standing today will still be standing and occupied in 2050, as the current annual demolition rate in the EU is only about 0.1%. It is therefore crucial that **all 28 Member States undertake considerable measures to stop energy waste in the existing building stock**, and that all governments commit to develop and implement an **ambitious National Renovation Strategy** for their entire building stock, as required under the Energy Efficiency Directive (Article 4).