

It means that energy efficiency must be considered by EU countries in all relevant policy and major investment decisions taken in the energy and non-energy sectors. Buildings, as Europe's single largest energy consumer - responsible for over 40% of the energy we use and a third of our greenhouse gas emissions - offer significant potential for energy ...

The need to step up investments in energy efficiency was further underlined in the European Council conclusions of 20-21 October 2022, and 15 December 2022. The Coalition was officially launched in Brussels in a high-level event hosted by Commissioner Simson on 22 April 2024. The recording of the session is available [here](#).

Reducing energy consumption and achieving energy savings is essential to deliver the European Green Deal. The 2012 directive, as amended in 2018 and 2023, sets rules and obligations for the EU's 2030 energy efficiency targets.

Investments in energy efficiency can reduce electricity demand and allow the early decommissioning of the remaining coal and fossil fuel plants. And consumers will gain from the transition to a low carbon economy: \$5 LEDs can save hundreds of dollars in energy costs over several years. High energy efficiency of CFL bulbs can bring down energy ...

Boosting energy efficiency alongside renewables development is especially important for the developing world as these countries try to balance sustainability, affordability and energy security in line with development goals. But the prevalent notion of a straight correlation between economic growth and energy requirements no longer holds true.

Ambitious energy efficiency targets are key to driving Europe's energy transition. By using energy more efficiently, and thereby consuming less, Europeans can lower their energy bills, help protect the environment, mitigate climate change, improve their quality of life, reduce the EU's reliance on external suppliers of oil and gas and support the sustainable ...

The revised Energy Efficiency Directive (EU/2023/1791) significantly raises the EU's ambition on energy efficiency. It establishes "energy efficiency first" as a fundamental principle of EU energy policy, giving it legal-standing for the first time. In practical terms, this means that energy efficiency must be considered by EU countries ...

Across the industry, the increasing energy demand, primarily from building and running the data centres used to train and operate AI models, is contributing to global greenhouse gas (GHG) emissions. Microsoft, which has invested in ChatGPT maker OpenAI and has positioned generative AI tools at the heart of its product



Energy efficiency

offering, recently ...

The new, recast Energy Efficiency Directive (EU) 2023/1791, which was adopted by the European Parliament and the Council earlier this year, has been published in the EU Official Journal today and will enter into force in 20 days. After its entry into force, EU Member States will have two years to transpose most of the different elements in the ...

Energy Efficiency First is a far-reaching guiding principle that complements other EU objectives, particularly in the areas of sustainability, climate neutrality and green growth. While taking full account of security of supply and market integration, the Energy Efficiency First principle aims to ensure that.

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