



Energy security and energy efficiency are key to the economic development of Ukraine. Through the EU4Energy Initiative, the EU supports more reliable energy supply, promotes energy efficiency and the use of renewable energy.

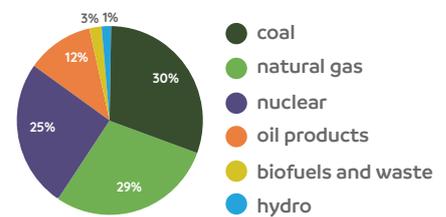
To do this, the EU supports projects that:

- help reform energy markets
- promote renewable energy
- reduce energy consumption
- support energy efficiency

In the long term, this means citizens, households and businesses enjoy more reliable energy, reduce energy consumption and CO₂ emissions.

Ukraine energy mix

Total primary energy supply, 2015



Ukraine is one of the largest energy consumers in the world, using a total of 90 million tonnes of oil equivalent in 2015.

Source: www.eu4energy.iea.org/

EU Sustainable Energy Week

Every year, **EU Sustainable Energy Week** (EUSEW) brings together public authorities, businesses, non-governmental organisations and the public across the EU and in the Eastern Partner countries to promote initiatives to save energy and move towards more clean, secure and efficient power.

Supporting Government in improving energy statistics and evidence-based policy making



"The EU4Energy programme focuses on building evidence-based policies and Ukraine has made tremendous progress in this area in recent years", **Claire Morel**, International Energy Agency (IEA).

Ukraine benefits from the support of the EU4Energy data and policy projects, implemented by the **IEA**, to **improve energy statistics** and expand their use in **evidence-based policy making** in the energy sector.

Helping local authorities to improve the energy efficiency of public buildings



"Now we can keep the temperature in the building at 20 °C in the winter. We set the temperature ourselves and control the humidity," the director of kindergarten No. 3 in Zhmerynka, **Nataliya Khudoliy**.

With EU funding under the '**Covenant of Mayors – Demonstration Projects**', Zhmerynka renovated schools and kindergartens to improve **energy efficiency**. The town can look forward to **savings of more than €80,000 a year**, and a cut in CO₂ emissions of 243,000 tonnes annually.

Investing in energy efficiency to cut business costs



"We realised that on average our lifting machinery consumes three times more energy and water than any modern enterprise." **Oleh Pidhorodetsky**, technical director of Nibulon.

One of Ukraine's largest producers of agricultural products, Nibulon received a loan under the EU4Energy **UKEEP programme** to invest in energy efficiency. As a result, they made **energy savings** of 15%, and **CO₂ emissions are down** 18,000 tonnes a year, equivalent to the annual emissions from 8,000 cars.

Saving energy in the home



"By insulating the apartment independently, a resident saves about 10% of heat. If the entire building is insulated, savings can reach up to 90%." **Yuliya Pushko**, energy efficiency expert.

Funded by the EU, the **Energy in your Home** campaign has taken the energy efficiency message to Ukrainian cities, raising awareness about affordable energy-efficient measures people can take at home and funding opportunities.