

Striving for a secure future with green energy



A reliable and clean energy supply and climate-friendly reforms are key requirements for Ukraine's accession to the European Union. Furthermore, Russia's war of aggression has shifted the focus to the sustainable reconstruction of energy systems, long-term energy security and energy independence and stronger climate action. On behalf of the German Government, the EU and other international donors, the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH is supporting Ukraine in making energy and climate policy sustainable and socially sound. Green reconstruction across the country contributes to the ongoing EU accession process.

GIZ is supporting its Ukrainian partners in building a future-proof energy system for the country that meets European standards. To achieve this, it is advising the government on aligning energy efficiency legislation with EU law, establishing and strengthening relevant authorities such as the environmental authority and the Energy Efficiency Fund, and planning and designing the coal phase-out and structural change. In addition, GIZ works with administrative bodies and local businesses in more than 45 municipalities, advising on energy saving approaches and modern, environmentally friendly methods of construction and renovation. It takes care to make all processes citizen-centred so that citizens' interests and needs are considered. Furthermore,

in cooperation with universities and vocational institutions, GIZ provides education and training courses to develop long-term expertise in Ukraine. Since the war began, 2,400 Ukrainians have received training in energy-efficient construction and renovation. After all, well-trained experts are essential for green energy security.

With partners in the public and private sectors, GIZ has achieved important changes already in recent years. Two Ukrainian regions are being supported in shaping structural transformation following the closure of coal mines. Since Russia's war of aggression began, around 125 private buildings have been renovated to make them more energy efficient. In addition, GIZ is providing extensive assistance to safeguard energy supplies in the country in the short to medium term. Working on behalf of the German Federal Ministry for Economic Affairs and Climate Action (BMWK), for example, it is coordinating donations from German companies in the energy sector. Urgently needed energy equipment includes transformers, emergency power generators and materials for repairing power lines. To date, GIZ has delivered 8,300 donated goods worth a total of EUR 1.7 million to Ukrainian energy companies, thereby providing electricity and heating to around 500,000 people. In addition, GIZ is procuring technical equipment worth EUR 12.3 million to repair high-voltage grids.



A focus on experts



OLGA A.,
Director of a vocational school in the
eastern Ukrainian town of Liubotyn

A large number of Ukrainian vocational schools have been damaged by Russian bombing attacks. To train the experts that are urgently needed for the country's reconstruction, these facilities need to be repaired quickly. 'And, as much as possible, in line with the latest standards with regard to energy efficiency and environmental protection. After all, energy is a valuable resource, not only in times of war,' explains Olga A., director of a vocational school in Liubotyn, eastern Ukraine. With support from GIZ, Olga A. therefore organised training for more than 400 students and teaching staff in energy-efficient construction and renovation and used their newly acquired skills to rebuild the school's own training and residential premises. Around 200 energy-saving windows and doors were installed, and damaged classrooms and workshops were repaired and thermally insulated, for example. 'In this way, our students can put their new skills to work immediately. This not only benefits our school, it will benefit the entire country in the future,' says Olga A. In addition to the school in Liubotyn, GIZ has supported a further four technical and vocational education and training institutions, in Kharkiv, Dnipro, Sumy and Zaporizhzhia. The German Federal Ministry for Economic Cooperation and Development (BMZ) and the Swiss State Secretariat for Economic Affairs (SECO) are providing around EUR 200,000 in funding for the project.

At a glance

Area of intervention	Energy and climate change mitigation
Objective	Establish a resilient energy supply and strengthen green energy and climate action to improve the lives of Ukrainians and pave the way for the country's accession to the EU.
Priority areas	<ul style="list-style-type: none"> • Advice on energy security and climate change mitigation (including financing options) • Shaping structural change and the coal phase-out • Training energy experts • Energy-efficient modernisation of infrastructure and buildings; municipal energy planning
Commission volume	EUR 127 million
Commissioning parties/financiers	German Federal Ministry for Economic Cooperation and Development (BMZ), German Federal Ministry for Economic Affairs and Climate Action (BMWK), German Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV), Federal Foreign Office, Swiss State Secretariat for Economic Affairs (SECO), EU
Partners	Ukrainian ministries, municipal operating companies, State Agency on Energy Efficiency and Energy Saving and universities

GIZ Ukraine

In its role as a highly effective implementing organisation, GIZ is supporting Ukraine's efforts to begin rebuilding the country. The focus is on building municipal and social infrastructure, ensuring reliable energy supplies and strengthening the Ukrainian economy. At the same time, GIZ is supporting the country on its path towards EU accession. It is providing advice on necessary reforms and driving the modernisation of public administration. Its decades-long record of cooperation and a partner network spanning the entire country mean that GIZ is well placed to offer tailored support that is both forward-looking and responsive to citizens' needs. Around 560 staff work for GIZ in about 45 projects in Ukraine.

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