

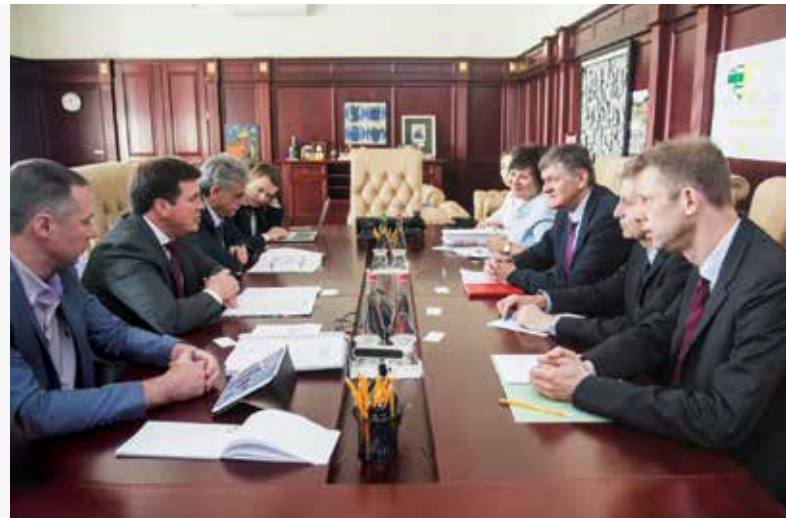
Reforms for efficient energy use

Necessary reforms are being prepared with the aim of reducing energy consumption in Ukraine

The challenge: A reform process lacking momentum

High energy consumption in Ukraine is a financial burden for the national budget, local businesses and the population; the environment is also suffering. Seen in relation to its economic performance, Ukraine emits three times more carbon dioxide than the European Union (EU) average.

By signing the EU Association Agreement in 2014 and joining the European Energy Community, Ukraine has committed to implementing comprehensive reforms in the energy sector. EU energy directives are to be gradually incorporated into national legislation. The reform process has shown initial results. In April 2015 the Ukrainian Parliament passed legislation on energy services and in June 2017 a law on energy efficiency in buildings was adopted. So far, however, actual progress has been sluggish. Almost all deadlines for the implementation of partial reforms have already been exceeded by several years and regulations and other legal provisions required to put the new laws into effect are being drafted in piecemeal fashion. Institutional responsibilities are unclear and the staff of the national institutions need to acquire more experience and expertise to move the reform processes forward.



Project title:	Energy efficiency reforms in Ukraine
Commissioned by:	German Federal Ministry for Economic Cooperation and Development (BMZ)
Implementing organisation:	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
Lead executing agency:	Ministry of Regional Development, Construction, Housing and Utilities
National partner:	State Agency on Energy Efficiency and Energy Saving
Project area:	Kyiv
Overall term:	03/2017 – 02/2020
Contact:	George Cristodorescu/George.Cristodorescu@giz.de

Our approach: pathway to new energy reforms

On behalf of the German Federal Government, GIZ is supporting the Ukrainian energy sector in preparing necessary reforms. By advising the institutions concerned – particularly the Ministry of Regional Development, Construction, Housing and Utilities and the State Agency on Energy Efficiency and Energy Saving – GIZ aims to ensure that the reforms are designed successfully. The project partners are pursuing two primary objectives: public buildings are to use energy more efficiently and thereby serve as models in Ukraine, and enterprises are to benefit from a legal framework for energy audits and energy management systems to lower energy consumption.

In collaboration with the Ukrainian Government, GIZ is supporting the process of an inventory of all public, government-owned buildings. Experts collect data on these buildings such as total heated area, electricity and water consumption. A system for monitoring energy parameters displays actual consumption accessible to all ministries. On that basis, possible and advisable measures for saving energy are identified. This practical work paves the way for the launching of further analyses, methods and guidelines for reforms in the country.



Energy audit in a building of the Ukrainian Ministry of Regional Development, Construction, Housing and Utilities

Energy audits and energy management systems constitute the project's other key area of activity. The aim is to assess energy consumption in facilities and buildings and to draw up proposals for cutting consumption. The service providers are now being trained on how to ensure uniform quality standards in their work.

As a basis for translating the recommendations for energy audits and service providers into legislation, GIZ is proposing quality and certification criteria in a *white book* – taking due account of the specific Ukrainian context and possibilities and drawing on examples from other European countries.



Employees of the Ukrainian Ministry of Regional Development, Construction, Housing and Utilities learn and exchange ideas

Our results: training for better understanding

In 2017 the project conducted energy audits in four of the partners' buildings and enabled them to set up energy monitoring systems. Information events and seminars for better energy management, four training sessions on implementing the proposed measures and a study tour deepened the partners' understanding of the relevant issues. This positive impact is to be broadened even further in 2018 through another ten training sessions for 100 representatives of national institutions.

These and other training activities will contribute in the long term to lowering energy consumption and costs across the country and increasing the security of supply by reducing energy imports. Ultimately this will also benefit the environment.



Checking a radiator with a thermograph



Maria Malaia: „I see a clear path“

Maria Malaia is the head of the legal department of the State Agency on Energy Efficiency and Energy Saving in Kyiv. She works with GIZ experts and reports on the benefits of the cooperation:

„GIZ provides me with state-of-the-art information and expertise that support my work and on which I can base my decisions. I now see a clear path for successful energy reforms in Ukraine.“

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GIZ Ukraine
Energy efficiency reforms in Ukraine
16b Antonovycha (Horkoho) St.
01004 Kyiv, Ukraine
T +380 44 594 07 60
F +380 44 594 07 61
I www.giz.de/ukraine

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Text: Steffi Noelting

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