

## GIZ: Energy Efficient District of Lviv (Sykhiv)

### Client

CES clean energy solutions GesmbH  
contracted by m-g-h ingenieure +  
architecten GmbH / Deutsche Gesellschaft  
für Internationale Zusammenarbeit (GIZ)  
GmbH

### Country

Ukraine

### Duration

from 10.2019 to 09.2022

### Services of iC

- Awareness raising
- Capacity building
- Project implementation support
- Design verification
- Measurement and verification / Site visits



### Project objectives

Implementation of up to 30 thermal renovation and application projects for the Energy Efficiency Fund (EEF), as well as monitoring, advising, and support of the HOAs and energy auditors

### Project description

After selecting a residential area in the Sykhiv district in Lviv and a technical assessment, the findings showed that the building stock was very homogenous. More than 90% of the buildings belongs to two building types. A comprehensive refurbishment results in at least 50% energy savings for both types of buildings. In this context, GIZ procured technical expertise to support the component of implementing energy efficiency measures in the selected residential area

### Project specifics

Energy audits; Energy Performance Certificate I (EPC); Application to the EEF; Technical surveys; Project design; Energy Performance Certificate II

### Services

- Supervision and review of energy audits, EPCs, project design documentation and technical surveys;
- Support and guidance of the HOAs in selection, contracting and evaluation of energy audits and project design documentation, as well as in preparation of the application package for the EEF;
- Support to the HOAs in construction works selection and contracting;
- Measurement and verification / site visits after project completion, support in obtaining of the EPC;
- Conducting trainings for local energy auditors in Lviv