

Strengthening of Urban Resilience in the Areas of Supply Infrastructure and Housing in Ukraine (SUR)



Implemented by:
giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

The Russian war of aggression has severely impacted Ukrainian cities and communities, targeting critical infrastructure such as electricity, heat, and water supply, along with housing and social facilities. On behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ), the transitional development assistance project “Strengthening of Urban Resilience in the Areas of Supply Infrastructure and Housing in Ukraine (SUR)”, implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, supports cities and communities in Eastern and Central Ukraine in coping with the dramatic consequences of the war and the challenges of local reconstruction.

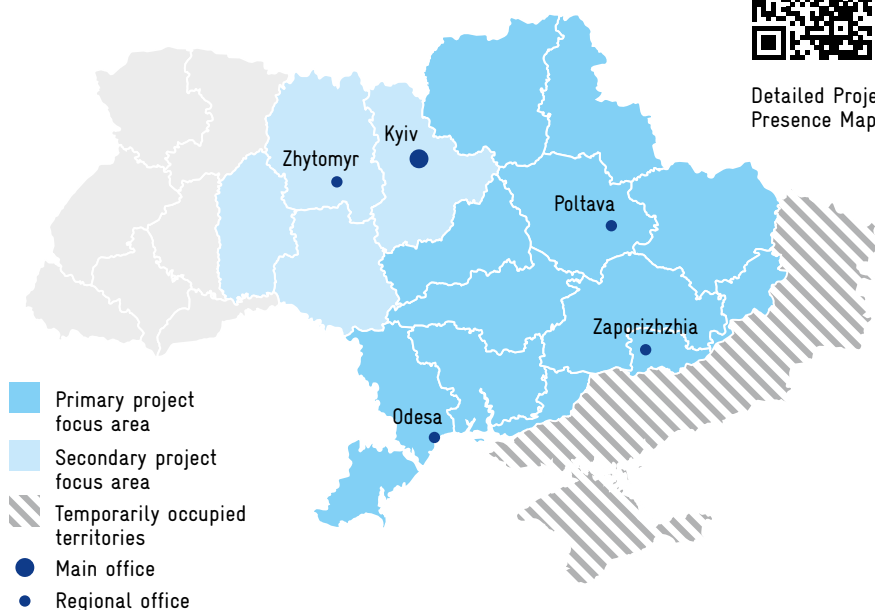


Rehabilitation of a multi-storey building in Kryvyi Rih after a missile attack

Geography



Detailed Project Presence Map



Project Data

Commissioning Party

Federal Ministry for Economic Cooperation and Development (BMZ)

Implementing Organization

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Political Partner

Ministry for the Development of Communities and Territories of Ukraine

Total Duration

2023–2027



Signing a memorandum with Zhytomyr city council

Project goal

To strengthen resilience by:

- Rehabilitating critical supply and disposal infrastructure, social infrastructure, and residential housing, including providing temporary alternative systems and spaces as well as protection measures;
- Promoting integrated, sustainable, inclusive urban development;
- Advancing digitalization to enable transparent urban planning and effective local reconstruction;
- Enhancing municipal crisis management capacities and preparedness for risks;
- Improving housing access for vulnerable groups through municipal housing strategies;
- Fostering cooperation and knowledge exchange among municipalities across Ukraine.

Areas of Work



Urban planning & digital tools

Integrated approaches ensure cross-sectoral, coordinated reconstruction. Digital systems for recording war-related damage, cadastral data, and cartographic bases enable precise and transparent planning. Project implementation plans in infrastructure, services, and housing help cities prioritize needs and allocate resources efficiently.



Water, wastewater & heating

Integrated sector strategies strengthen the resilience of urban water, wastewater, and energy supply, as well as district heating systems against external shocks. This reduces risks, mitigates war impacts, and supports long-term modernization and alignment with EU standards.



Crisis management

Municipal crisis management capacities are enhanced to respond effectively to emergencies and protect the population. Risk analyses identify vulnerabilities in critical infrastructure, enabling protective measures and safe relocation of educational institutions to shelters.



Municipal housing sector

The cities and communities are supported in analysing the local housing sector, developing municipal rental housing strategies, and models for municipal housing companies. These measures strengthen social resilience by ensuring sustainable, equitable access to housing, particularly for vulnerable groups.



Delivery of a combined heat and power unit in the presence of the former German Minister for Economic Cooperation and Development, Svenja Schulze



Infrastructure & housing repair

Cities and communities are supported in restoring and maintaining essential services through the rehabilitation of basic infrastructure, including providing temporary alternative systems and spaces as well as protection measures. This includes energy and water supply, wastewater treatment, and social facilities (schools, kindergartens, medical facilities). War-damaged residential units and facilities are rehabilitated, and a rehabilitation concept for complex multi-storey rehabilitation is developed based on a pilot in Kryvyi Rih. Capacity building enables residents to contribute to physical reconstruction.



Winter aid

As part of the German Federal Government's winter assistance, cities and communities are supported in keeping heating and electricity supply for households, social facilities such as schools and hospitals, as well as administrative services running. They are supplied with a flexible energy supply and protective elements, ensuring continuity during critical periods.



Knowledge exchange

Municipal learning networks foster exchange and mutual learning between cities across Ukraine. This cooperation strengthens local ownership, spreads innovative solutions, and accelerates reconstruction processes.



Creation of a digital cartographic base using drone technology



Special welding training to enable city residents to carry out their own repairs

The project "Strengthening of Urban Resilience in the Areas of Supply Infrastructure and Housing in Ukraine (SUR)" which is a part of the German transitional development assistance, commissioned by the Federal Ministry for Economic Cooperation and Development (BMZ) and implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.