

Project Name	Cantemir: Sustainable Hydro-Electric Project for Aquatic Restoration & Agricultural Support
Start – End	January 2025 – December 2027
Project Value	822.025,25 EUR
Slovenian Funding	616.518,75 EUR
Recipient Country/ Donation Recipient	Moldova/Cantemir City
Project Contractor	The contractor has not yet been selected.
CRS CODE	CRS CODE 41020
Project Description	<p>In the Moldovan region of Cantemir, residents face serious challenges in securing safe drinking water and reliable water resources for agriculture. In recent years, climate change has led to more frequent droughts and floods, further straining the local environment. The main water source—the lake in Cantemir—is heavily degraded and contaminated with sediments, bacteria, and chemicals, while the infrastructure for filtration and distribution is outdated and ineffective. The lack of stable water resources affects nearly 5,000 inhabitants, including 636 households and 1,300 apartments, and directly threatens local farmers whose production depends on irrigation. If the problem is not addressed, health risks, economic insecurity, and environmental degradation in the region will continue to deepen.</p> <p>The project is designed as a comprehensive response to these challenges. It focuses on restoring the local lake by removing sediments and installing a filtration and aeration system, thereby improving water quality. Rainwater collection reservoirs and an irrigation system for 20 hectares of farmland will be built, strengthening local agricultural production. The project also includes the installation of solar panels, which will generate more than 52,000 kWh of electricity annually and reduce CO₂ emissions, as well as the creation of seven hectares of green areas around the lake. In addition to infrastructure improvements, a training program will be implemented for 100 farmers, along with awareness-raising activities for 500 community members on the sustainable use of natural resources. In this way, the project not only improves the quality of life and increases the resilience of residents to climate change but also promotes the long-term sustainable development of Cantemir.</p>
Project Phase	The project is being implemented.