

Grant Amount: \$55,045

Grant Period: August 2022–July 2023

Country: Uzbekistan

GOAL

Increasing the capacity of local communities and non-governmental organizations (NGOs) to use affordable green technologies for water, energy, and agricultural production.

OBJECTIVES



- To conduct community needs assessments in the Andijan, Fergana, Namangan, Navoi, and Samarkhand regions of Uzbekistan.
- To implement six accessible and affordable green technologies and practices based on the needs assessments.
- To educate local communities on the use and production of affordable green technologies/practices and to build the capacity of NGOs to use these technologies and train future users.

RESULTS



- Held community needs assessments at selected locations in the six regions to identify technologies best suited for each locale.
- Assembled/constructed six identified green technologies, including:
 - Gairat (Namangan region, Uychi district) – solar water heaters and solar box ovens.
 - Nurafshon (Andijan region, Buston district) – irrigation methods (e.g., plastic and clay tanks, condensing compressors).
 - Yangikurgan (Fergana region, Buvayda district) – drinking water purification and desalination methods.
 - Kokand (Fergana region) – methods to maintain soil moisture (e.g., mulching, hydrogels).
 - Birlik (Navoi region, Konimeh district) – parabolic solar concentrated oven.
 - Juma area (Samarkand region) – hydraulic water pump that works without electricity based on hydraulic pressure.
- Organized 6 training courses in the communities to train 123 people on assembly and use of elected technologies.
- Held summer school for 20 representatives from NGOs to disseminate knowledge on green technologies and exchange experiences to ensure the sustainability of the project.



For more information, visit www.ecoforum.uz.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.

