

UZBEKISTAN – TURKMENISTAN: TRANSBOUNDARY DEMONSTRATION PROJECT "Tuyamuyun Hydroelectric Complex"



Objective

to promote water-energy-food security by tackling the growing sedimentation at Ruslovoe reservoir, one of four water reservoirs at Tuyamuyun Hydroelectric Complex (THC).

Implemented by:
National and international consultants

Implementation period:
January 2021 – December 2022

Location:
Lepab Velayat, Turkmenistan
(middle flow of Amy Darya River)



Beneficiaries:
Local population, private sector, governance of Dashoguz Velayat of Turkmenistan and the Republic of Karakalpakstan and Khoresm Region of Uzbekistan, municipalities

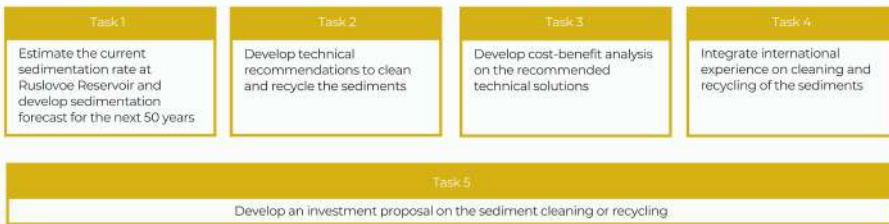
Supported by:
European Union project "Nexus Dialogue in Central Asia" and "Laboratory of Innovative Solutions for the Water Sector of Central Asia" (CAWEP)

THC provides water resources to Uzbekistan and Turkmenistan, but the run-of-the-river Ruslovoe reservoir has sedimented for 70% and no longer discharges water.

By business-as-usual scenario, the growth of sedimentation would reach its maximum point by 2040s and threaten the WEF security for over 5 million people in both countries.



Activities to be implemented:



Importance of THC for WEF security

