



Central Asia Nexus Dialogue Project: Fostering Water, Energy and Food Security Nexus and Multi-Sector Investment (PHASE II)

Implementing organisation	<i>Regional Environmental Centre for Central Asia (CAREC)</i>
Duration	<i>04/06/2020 – 03/06/2023</i>
Budget	<i>Total 1,250,000 € EU contribution of 1,000,000 €</i>
Beneficiary countries	<i>Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan</i>
Location	<i>Central Asia (CA)</i>
Keywords	<i>Linkages between water, energy, food security (WEF Nexus), intersectoral planning, cost-benefit sharing, transboundary cooperation</i>
Grant contract	<i>ENV/2020/416-080</i>



PROJECT BENEFICIARIES:

WEF-related line ministries, administration of the Tuyamuyun Hydro Complex, the regional network of the academic community, EC IFAS and IFAS in KAZ, international partners, and financial institutions.

OVERALL OBJECTIVE:

To institutionalize of WEF Nexus approach in national and regional governance structures and investment decisions for water, energy and food security in Central Asia.

SPECIFIC OBJECTIVES:

- To apply the WEF Nexus approach in planning, policy-making, and practical implementation;
- To increase the interest of public and private investors to support Nexus-based projects in CA.

ACHIEVED RESULTS:

- Four demonstration projects on the following tasks were implemented:
 - to tackle the sedimentation issue at Tuyamuyun Hydro Complex (Uzbekistan – Turkmenistan)
 - to improve energy efficiency at pumping stations in the Sughd region (Tajikistan)
 - to pilot a closed root system for planting saxaul seedlings on the dried bottom of the Aral Sea (Kazakhstan)
 - to include WEF Nexus in the Agriculture Strategy of the Kyrgyz Republic
- Conceptualization of four investment projects for:
 - removal of sediment from THC reservoir and its commercial use
 - introduction of an automated system for monitoring energy consumption by pumping stations in the Republic of Tajikistan
 - replacement of pumps at the Golodnostepskaya pumping stations No. 1 and No. 2 in the Sughd region of the Republic of Tajikistan
 - afforestation of the dried bottom of the Aral Sea by coordinated efforts of three CA countries: Kazakhstan, Uzbekistan, and Turkmenistan
- Nexus training module with local cases and the guideline for trainer developed
- 26 technical and analytical documents on Nexus demo projects prepared
- 44 regional and national events on WEF Nexus held for 1356 participants (798 men / 558 women)
- WEF Nexus is incorporated into the curricula of 7 academies and universities in Central Asia
- The Nexus approach is studied and applied by members and experts from the Community of Practice in Central Asia



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