



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 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>



TARGET GROUPS:

WEF related line ministries and experts, local authorities, CA Academic Network, International Financial Institutions (IFIs).

OVERALL OBJECTIVE:

Institutionalisation 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 interest of public and private investors to support Nexus based projects in CA.

ACHIEVED RESULTS:

- Four demonstration projects on the following tasks implemented:
 - To tackle the sedimentation issue at Tuyamuyun Hydro Complex (THC) (TKM-UZB)
 - To improve energy efficiency at pumping stations in Sughd region (TAJ)
 - To pilot a closed root system for planting saxaul seedlings on the dried bottom of the Aral Sea (KAZ)
 - To include WEF Nexus in the Agriculture Development Strategy of the Kyrgyz Republic for 2021-2025
- Initial concepts of investment projects developed for:
 - Technical solutions for the removal of sediment from the THC reservoir and the production of pilot products from sediment (brick, foam block, facing tiles), profit and loss analysis;
 - Smart and energy-efficient equipment at pumping stations in the Sughd region, Tajikistan;
 - Afforestation of the dried bottom of the Aral Sea;
- 16 analytical documents on Nexus approach and findings of Nexus demo projects prepared;
- 44 regional and national events on WEF Nexus held for 1227 participants (721 men / 506 women);
- 15 universities and public administration academies from Central Asian countries involved to study the WEF Nexus approach and 7 memoranda of cooperation signed;
- Three dialogue platforms function: Regional Steering Committee and two Technical Working Groups.



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