



Green Central Asia: Enhancing regional dialogue on climate, environment and security

Subregional workshop on mine tailings' safety and the prevention of accidental water pollution in Central Asia (Government of Tajikistan, UNECE, GIZ & Switzerland)

26 May 2023 – Dr. Caroline Milow



Green Central Asia
Enhancing environment, climate and water resilience

Climate Change & Water Stress in Central Asia

Central Asia is one of the world's regions most hit by climate change and water stress (87.9%): Projections show mean temperatures increasing by up to 6.5 °C compared to pre-industrial levels by the end of this century. Impacts include altered precipitation regimes, more frequent heat extremes and increasing aridity, which will have 10% negative impact on agricultural production challenging food security and the ecological environment.



Source: Eurasian Development Bank, Investment in the Energy and Water Complex of CA

Green Central Asia

The overall goal of the initiative is conflict prevention and strengthening transboundary cooperation on climate impacts in Central Asia.



Project goal: A regional political dialogue on questions of environmental and climate-related security risks has been established.

Green Central Asia Initiative - Structure

POLICY DIALOGUE



- Joint Regional Action Plan (adopted)
- High-level dialogue
- Working groups (glaciers, water-energy mechanism, e-waste)
- Regional Climate Change Adaptation Strategy

REGIONAL PRIORITIES



- IWRM / Water Diplomacy
- Land management (biodiversity, desertification, nature protection areas)
- International environment instruments
- Waste Management (e-waste, circular economy)

CAPACITY BUILDING



- Elaboration of forecasting tools
- Training on modelling and forecasting tools
- Tashkent Water Security Lectures
- Silk Road of Knowledge Conference Series

International-Regional-National Framework



UNFCCC & Paris Agreement
Sustainable Development Goals
International Environment Instruments
(UN, UNECE)



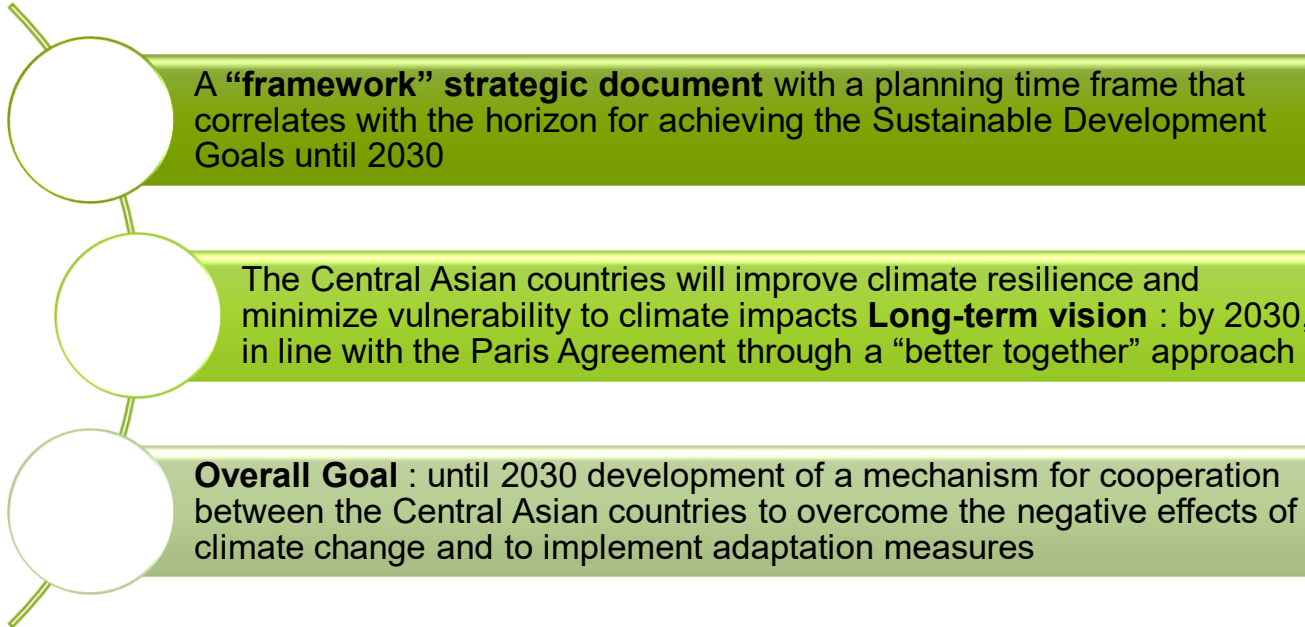
ASBP-4
Regional Environment Action Plan



EU-Central Asia Strategy, June 2019
Regional Team Europe Initiative on on
Water, Energy and Climate Change in
Central Asia / Global Gateway

National Strategies and Action Plans in the Central Asian Partner Countries

Regional Climate Change Adaptation Strategy



Regional Climate Change Adaptation Strategy

STRATEGIC OBJECTIVES

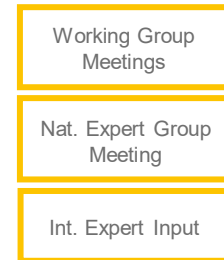
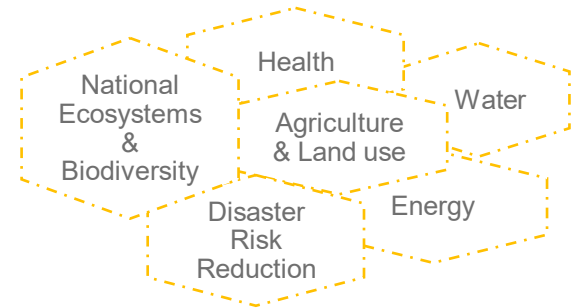
- 1 Strengthening regional coordination for climate change adaptation
- 2 Creation of mechanisms for the development and implementation of adaptation projects/programmes and attraction of financing
- 3 Improvement of adaptive capacity through accumulation and sharing of knowledge and scientific cooperation
- 4 Development of climate monitoring, information exchange and forecasting systems



Draft Regional Climate Change Adaptation Strategy for Central Asia

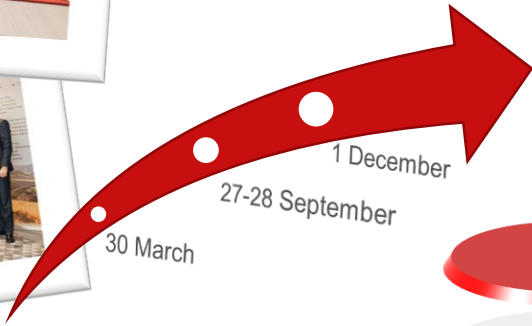


PRIORITY AREAS



Glacier Monitoring and Modelling in Central Asia

Working Group and Expert Meetings



- 1 MoU on cooperation between 8 CA organisations working on glaciers
- 2 Decision on organising first joint scientific expedition in August 2023

Individual Highlights of the Green Central Asia Dialogue Platform

Dushanbe Water Conference: Panel Session 3: Water, Environment and Climate Resilience



Working Group meeting on a mutual beneficial water-energy mechanism in CA



Workshop “Regional Dialogue on transboundary cooperation on management of protected areas in Central Asia



GCA Session at Berlin Climate and Security Conference



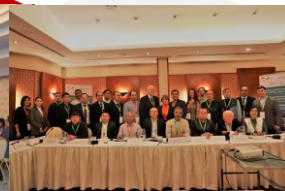
UNDP-GCA: High-Level Central Asian Dialogue on Climate Change and Resilience



3 regional Parliamentarian-MFA Meetings on Environment and Climate Change in CA in cooperation with CAREC



Revival of the CA Regional Group within the Ramsar Convention in cooperation with CAREC



Int. cooperation: TEI on water, energy and climate change in CA, ADB Water Pillar, WB, SDC

“Climate Risk Management in Central Asia”

The project is part of the regional climate and security initiative “Green Central Asia” of the German Federal Foreign Office.



POLITICAL PARTNERS

Kyrgyzstan: Ministry of Natural Resources, Ecology and Technical Supervision
Kazakhstan: Ministry of Ecology, Geology and Natural Resources
Tajikistan: State Committee for Environmental Protection
Turkmenistan: Ministry of Agriculture and Environmental Protection
Uzbekistan: State Committee of Ecology and Environmental Protection

FUNDING SOURCE

BMZ (German Federal Ministry for Economic Cooperation and Development)

IMPLEMENTED BY

GIZ

BUDGET

10 mln EUR

PROJECT TIMEFRAME

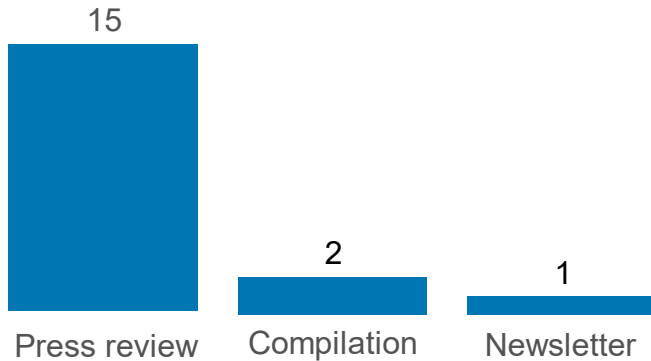
2022 - 2026

Green Central Asia Outreach in 2023



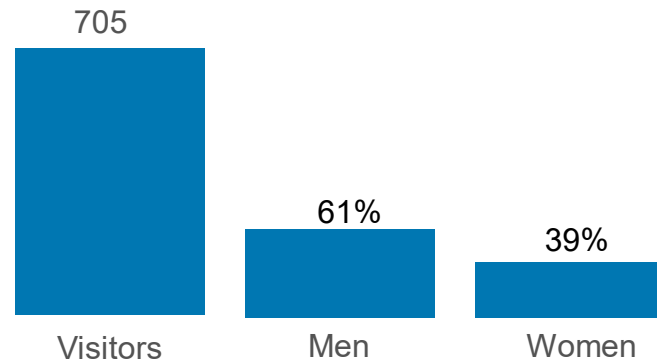
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