

Green Central Asia – Regional Strategy on Adaptation to Climate Change in Central Asia

Water in Central Asia: The Future in Cooperation – Dedicated to 90th anniversary of the late V. Dukhovniy and N. Kipshakbaev and 80th anniversary of R. Giniyatullin

8 November 2024, Tashkent, Uzbekistan





GREEN CENTRAL ASIA INITIATIVE IS:

Federal Republic of Germany's contribution to **climate resilience** and **climate adaptation** as well as an **eco-friendly** development of Central Asia.

Through the implementation of projects in water, energy, climate risk, land management and other topics, the **Green Central Asia** Initiative in partnership with host governments and foreign development agencies aims to introduce comprehensive, sustainable eco-friendly and climate-resilient development paths based on the latest scientific data and research.



Context of GIZ Activities

United Nations



SDGs



EU-CA Strategy, Council Conclusions, WFD, etc.



Other development partners



GFZ, PIK, MLU, DKU, SIC ICWC, CASIB, TU Clausthal



Regional Structures & Plans, National Strategies of CA countries and Legislation



Team Europe Initiative on Water, Energy & Climate Change

 Global Gateway

Green Central Asia Initiative

GIZ and other German financed projects

Climate sensitive Water Resources Management

Green Central Asia Project



POLITICAL DIALOGUE

Green Central Asia II: Transboundary Dialogue on Climate, Environment and Security in Central Asia



Capacity development for climate policy in the countries of South-East and Eastern Europe, South Caucasus and Central Asia

12 Mio. AA 7,5 EU 4,5

0,8 Mio. BMWK

WATER

Climate-sensitive Water Resources Management



19,5 Mio. BMZ 10, EU 7, DEZA 2,5

CLIMATE CHANGE ADAPTATION/ CLIMATE RISK MANAGEMENT

Climate Risk Management in Central Asia



25 Mio. BMZ 10 FCDO 15

Technology based Adaptation to Climate Change in Rural Areas of Tajikistan and Kyrgyzstan

4 Mio. BMZ

LAND MANAGEMENT/ BIODIVERSITY

Integrative and climate sensitive land Management in Central Asia

28,2 Mio. BMZ 10,2 GCF 1,5 EU 16,5

DIAPOL-CE Policy dialogue and knowledge management on climate strategies

0,5 Mio. BMUV

RENEWABLE ENERGY/ ENERGY EFFICIENCY

Renewable Energy in Central Asia



12 Mio. BMZ 7 EU 5

H2-diplo Decarbonization Diplomacy H2-PEP - Project Development

1,7 Mio, AA 1,4, BMWK 0,3

Financing Energy for Low Carbon Investment – Cities Advisory Felicity Eastern Partnership and Central Asia (FELICITY II)

3,5 Mio. BMWK

GREEN ECONOMIC DEVELOPMENT

Ecologically oriented Regional Development in the Aral Sea Region

10,7 Mio. BMZ

Policy Advice for Climate-Resilient Economic Development (CRED)

0,6 Mio BMUV

Support for the Nitric Acid Climate Action Group (NACAG)

3,4 Mio. BMWK

Sustainable and climate sensitive urban development – Green Cities

iPA 24 BMZ 4 Mio

Green Skills for a green economy in Central Asia

iPA 24 BMZ 4 Mio



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

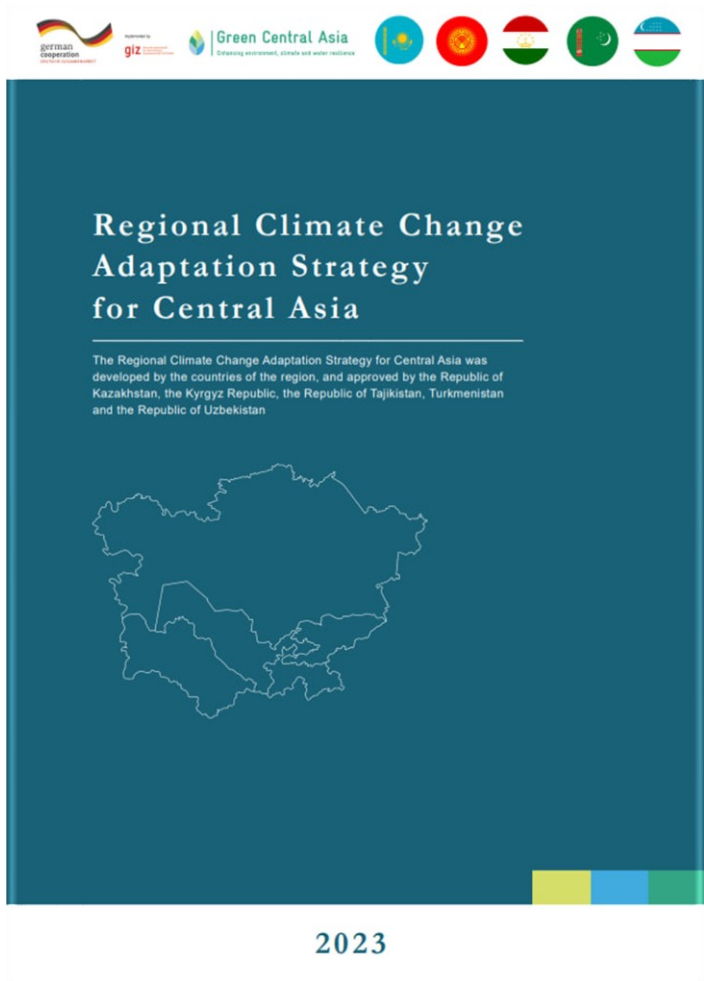


- IWRM / Climate Risk Management
- Land management (biodiversity, desertification, nature protection areas)
- International environment instruments
- Waste Management (e-waste, circular economy)

CAPACITY BUILDING



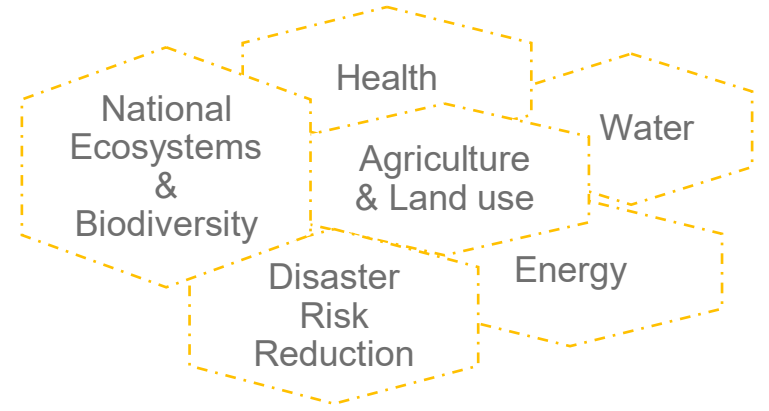
- Elaboration of forecasting tools
- Training on modelling and forecasting tools
- Tashkent Water Security Lectures
- Silk Road of Knowledge Conference Series



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

PRIORITY AREAS





Implementation Plan

Strategic objective 1: Strengthen regional coordination for climate change adaptation

Capacity building of the Central Asian countries for national adaptation planning through strengthening regional coordination on climate change adaptation (all CA countries; 2023-2026)

- Central Asian **Climate Adaptation Hub**
- Working **secretariat** of the Strategy
- **Coordinating activities** of countries
- **Monitoring** of the Strategy implementation

Strategic objective 2:

Creation of mechanisms for the development and implementation of adaptation projects/programs, and attraction of financing

Capacity building of CA countries to attract climate finance through regional cooperation (all CA countries; 2023-2026)

- Building **preparedness system**
- **Increase the capacity** of the CA countries to interact with the GCF and other financial institutions
- Development of a **practical Roadmap**

Strategic objective 3:

Improve adaptive capacity through accumulation and sharing of knowledge and scientific cooperation

Strengthening the Central Asian Climate Change Knowledge Hub as a single center for the accumulation and exchange of climate knowledge in Central Asia (all CA countries; 2023-2026)

Development of methodologies for assessing the vulnerability of territories and sectors of the economy of the Central Asian countries to climate change (all CA countries; 2023-2026)

- Developing **unified methodologies**
- Practical **training** of specialists

Improving the understanding of climate change adaptation issues by national government bodies, taking into account international and regional experience (all CA countries; 2023-2026)

- **Unified educational and methodological materials** Practical **training** of specialists
- Train national trainers
- Conducting pilot training events



Implementation Plan

Strategic objective 4:
Development of climate monitoring,
information exchange and
forecasting systems

Expansion of the climate observation
network of all Central Asia countries
(all CA countries; 2023-2026)

Development of regional climate
models applicable to the territories of
Central Asian countries
(all CA countries; time tbd)

- Identification of **global climate models** (CMIP6) that are most relevant
- Development and adaptation of **regional climate models**

Strategic objective 4: Development
of climate monitoring, information
exchange and forecasting systems

Regional cooperation for glaciological
monitoring (all CA countries; time tbd)

- National **capacity building**
- **Joint glaciological monitoring**

Development and implementation of
methods for calculating threshold
values of hydrometeorological
emergencies (all CA countries; time
tbd)

- **Conducting joint research** and
developing unified methods for
calculating the threshold values of
hydrometeorological emergencies.

Contact



Dr. Caroline Milow
Programme Manager, GIZ

caroline.milow@giz.de
T +998 93 590 2004
| www.greencentralasia.org



www.giz.de



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