



# ETF SKILLS LAB NETWORK OF EXPERTS WEBINAR REGIONAL CLIMATE COOPERATION AND SKILLS: THE GREEN CENTRAL ASIA EXPERIENCE

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PUBLIC



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**Green Central Asia**

Enhancing environment, climate and water resilience

# Political Context

## C5+1 process between the five CA states and Germany

22 September 2023, Berlin – identification of four main topics for cooperation

- 1) economy, energy and natural resources
- 2) regional cooperation and resilience
- 3) climate and environment
- 4) people to people contacts

17 September 2024, Astana



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# 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



# POLITICAL DIALOGUE

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



12 Mio. AA 7,5 EU 4,5

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

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



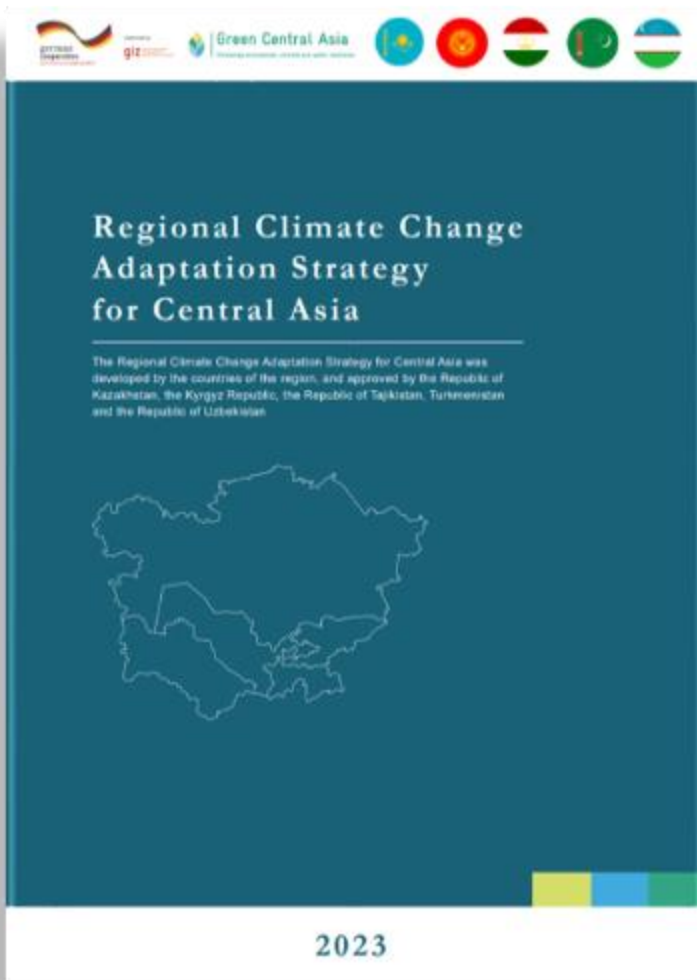
- IWRM / Climate Risk Management
- Land management (biodiversity, desertification, nature protection areas)
- International environment instruments
- Waste Management (e-waste, circular economy)

## CAPACITY BUILDING



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

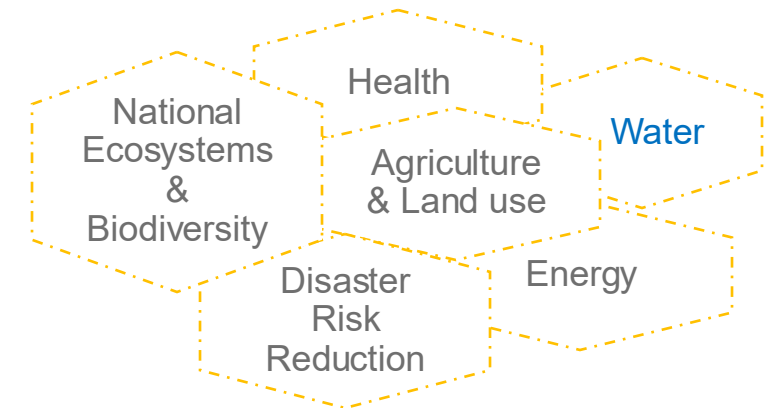
# Regional Climate Change Adaptation Strategy



## 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

## 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)

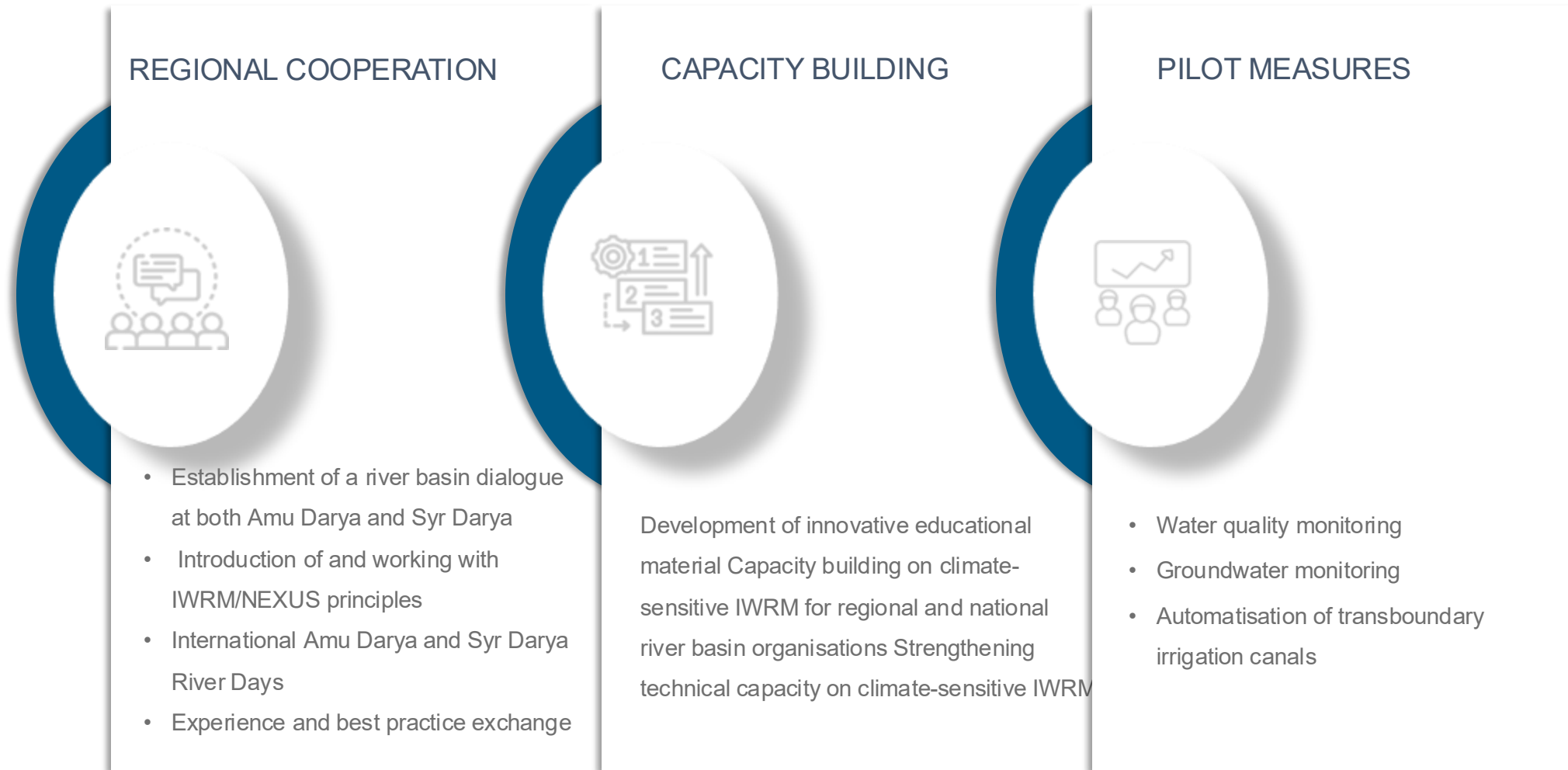
- National **capacity building**
- **Joint glaciological monitoring**

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.



# CSWRM CA - Main Activities



# EU4SustainableCentralAsia: Joint Action and Coordination on Water, Energy and Climate Change (2024 - 2028)





# Objectives and Outputs

The Overall Objective of the Action is to support the sustainable development and the green transformation of Central Asia in the water (and energy) sector.

The Specific Objectives (outcome) of the Action are:

Specific Objective 1: Improved regional cooperation and governance for sustainable development in Central Asia

Specific Objective 2: Improving the coordination among TEI members and render expert and policy advise to actors in the region

The Action has the following outputs/results:

Output 1: Improved regional dialogue and coordination on (energy), water and climate

Output 2.1: Improved coordination of the TEI

Output 2.2: Improved policy and capacity development

# Challenges in implementing the Regional Strategy for Adaptation to Climate Change in Central Asia

**Basis:** overall political willingness to cooperate in the region (climate change increasingly felt)

## Challenges:

- ✓ set-up of Secretariat structure – choosing the country of location
- ✓ Preparing a detailed roadmap
- ✓ Getting the international stakeholders on board
- ✓ Participatory approach – getting civil society mobilised
- ✓ Building capacities



# How do EU and German initiatives relate to transformative shifts in response to climate change, economic modernisation, and sustainable development goals?



## Application of a comprehensive – 2-track approach: bottom up and top down at the same time

**Bottom up**: engagement with national and local stakeholders - IWRM

**Regional**: Basin Dialogues along Amu Darya and Syr Darya – promotion of regional/transboundary cooperation – river basin management plans

**International**: Support by political dialogue on the highest level: C5+1 Strategic Partnership – Green Central Asia Initiative by the German Government

**Integration** into the Team Europe

Initiative / Global Gateway

## Cooperation with other int.

**stakeholders**, such as UNECE on their environmental/water instruments (Water Convention, Industrial Accidents Convention); Ramsar Convention on Wetlands (transboundary cooperation on protected areas)

Regional Working Group on a mutually beneficial water-energy mechanism (cooperation of GCA/GIZ, OECD, UNECE, WB)

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