



Helping People Adapt to Climate Change through Nature-based Solutions (Ecosystem-based Adaptation - EbA) in Central Asian High Mountainous Region

Challenges

Ecosystems in Central Asia provide essential goods and services to the people, such as clean water or protection against natural disasters. However, inappropriate land management coupled with climatic changes pose a severe threat to livelihood strategies and the economic development of the region. To ensure a beneficial use of natural resources as basis for sustainable development, people on all levels need to adapt to adverse climate change impacts. Innovative approaches to climate change adaptation constitute the regional project «Ecosystem-based Adaptation to Climate Change in High Mountainous Regions of Central Asia» that started in 2015 in Kazakhstan, Kyrgyzstan and Tajikistan, with a total budget of €4.0 Mio. It is part of the International Climate Initiative (IKI) and the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) supports this initiative on the basis of a decision adopted by the German Bundestag. The EbA project will end in June 2019.

Objective

Innovative and cost-efficient approaches of EbA are available and systematically anchored in climate related policies and strategic planning of the Central Asian countries as well as of relevant international development partners.

Services and Modes of Delivery



1 EbA Planning Method



2 Strategic Communication and Education



3 Regional Leaders network



4 Climate Information integration in planning



5 Access to finance for EbA



6 Political Mainstreaming

Selected Results and Impacts



5 500 people in **4** pilot villages in Tajikistan and Kyrgyzstan will benefit from adaptation measures of protection and restauration of the ecosystem

EbA is mainstreamed in relevant national climate change adaptation strategies and plans in **3** countries



26 nature-based solutions, infrastructural and income generating measures implemented in pilot regions in Tajikistan and Kyrgyzstan



Climate change adaptation strategy plan for the eastern Kazakhstan province is elaborated



A regional environmental action plan and regional adaptation strategy for mountainous countries elaborated under the Interstate Commission of Sustainable Development



20 young leaders from Kazakhstan, Kyrgyzstan and Tajikistan trained in modern leadership and management skills, with a thematic focus on climate change related challenges



Sharing experience on EbA and related lessons learnt in high-level national and international forums



Local village institutions in the pilot areas in Kyrgyzstan and Tajikistan are able to develop ecosystem management and development plans considering future impacts of climate change



16 facilitators trained in applying the EbA methodology at the local level together with communities in Kyrgyzstan and Tajikistan



Guidelines for implementing the EbA methodology with local communities + recommendations developed for its dissemination and financing