



германия
КЫЗМАТТАШТЫГЫ
DEUTSCHE ZUSAMMENARBEIT

Implemented by:

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Community-based Walnut Forest and Pasture Management in the South of Kyrgyzstan

Challenges

The walnut-fruit forests scattered with pastures form an important biodiversity hotspot. Their conservation is of national and global significance. However, the relevant State structures have not yet succeeded in developing innovative forms of land management involving the participation of local people. Local communities are not in a position to introduce sustainable management models. This has led to pasture and forest degradation with climate change phenomena exacerbating negative impacts on local livelihoods. The project "Biodiversity conservation and poverty reduction through community-based management of walnut forests and pastures in the South of Kyrgyzstan" is being implemented on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ) with a total budget of €5.0 mln. The project duration: 2014 – 2018.

Development of an
integrated natural
resources manage-
ment model

Increase
of forest areas

Improvement
of livelihoods

Services and Modes of Delivery

- Inform and support piloting of the forest sector reform
- Piloting of a new pasture management model involving pasture committees and forest management units
- Development of integrated management plans involving all land users and looking at environmental, social and economic aspects
- Establishment of climate-resilient mixed walnut-fruit plantations
- Selection of native climate resilient and productive mother trees and reproduction of their seeds in tree nurseries for further afforestation activities
- Technical support of forest management units: forest inventory devices, IT and fire-fighting equipment
- Development of a sustainable fencing mechanism for new plantations
- Introduction of new income generating activities through the processing of non-timber forest products
- Capacity development of local stakeholders on greenhouse-based vegetable production, energy-saving irrigation, improvement of livestock quality and feed
- Certification of walnuts (Fair Trade and Organic) and support to export to the EU

Objective

Introduction of a modern and rational model for sustainable forest and pasture management in the South of Kyrgyzstan in order to promote biodiversity conservation, to support adaptation to climate change and increase local incomes.

Selected Results and Impacts



96 climate resilient walnut mother trees selected



51 foresters and **500** farmers trained on sustainable forest and pasture management



160 forest users members of a walnut cooperative



40 teachers engaged in environmental education classes



48 hectares of mixed walnut-fruit plantations established



10 groups use high-quality solar dryers to dry
6 types of non-timber forest products



95 tons of Fair Trade and organic walnut kernels exported to the EU



13 culverts, **2** bridges and **21** water points constructed to allow destocking of overgrazed pastures



From 150 to **250%** increase in hay production on **12** fenced plots/ **52**ha



20 information tours, reaching out **>600** villagers