



UZBEKISTAN

German-Uzbek dialogue on climate-resilient agriculture

Promotion of technical and institutional expertise in the field of fodder cultivation and seed production for a sustainable increase in milk production

The Agriculture in Uzbekistan

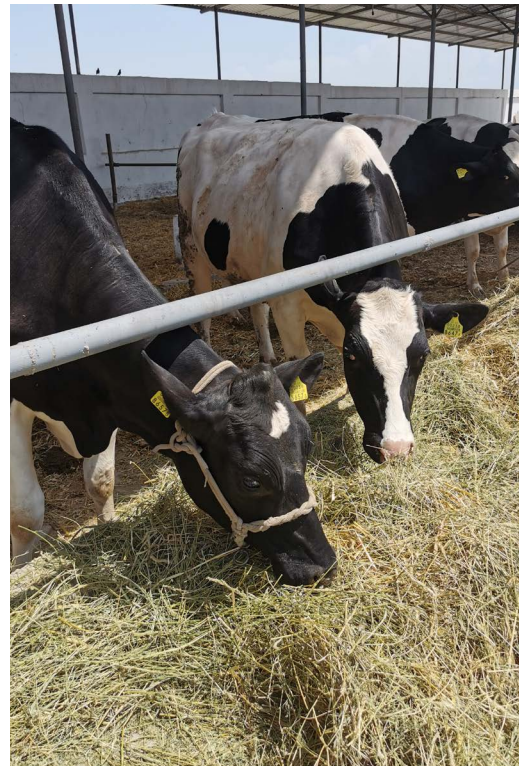
Uzbekistan is characterised by a severe shortage of fertile soil and water as well as regular weather extremes. Nonetheless, the country is aiming to improve its self-sufficiency in food, especially animal products. Uzbekistan's dairy sector is dominated by small farms, which keep 92% of the cattle, but only have limited access to efficient farming methods to provide their own fodder. Seeds for fodder production are mainly imported, and the use of local resilient varieties, soil conservation techniques or conservation methods such as silage or hay is limited.

The Project

The aim of the project is to promote sustainable, soil-conserving fodder production and thereby contribute to optimising milk yields. The competences of small and medium-sized farms and research institutes to cultivate fodder and propagate seeds by applying agroecological principles are strengthened through training, demonstrations and practical trials of alternative crops as well as improved varieties and cultivation methods. At the same time, the political conditions for a sustainable feed and seed supply are improved via dialogue formats with decision makers.

Project Goals

- Building specific capacities in state and academic institutions as well as small and medium-sized farms
- Development of sustainable and climate-resilient seed and fodder production based on agroecological principles
- Contribute to increasing local milk production
- Exchange of expertise between German and Uzbek, private and public institutions



As milk yield is heavily dependent on feed management, the local cultivation of fodder crops is of great importance.

PROJECT TITLE
German-Uzbek expert dialogue for sustainable and climate-resilient agriculture – component for climate-resilient seed and fodder production

TIMEFRAME
04/2023 to 03/2026

AS OF
December 2024

Seed Sector, Seed Law and Plant Variety Protection

Climate Adaptation and Climate Protection

With support from



Federal Ministry of Food and Agriculture

by decision of the German Bundestag



PORTRAIT UZBEKISTAN

Being the most populous country in Central Asia with around 37 million inhabitants, Uzbekistan has developed into an important economic centre since gaining independence in 1991. Due to climate change and overuse, the Aral Sea has almost completely dried up. 80% of the country's surface area nowadays is desert and steppe.

Results and Successes

- Strengthening the institutes' capacities in the field of climate-resilient forage crops
- Dairy farms manage their land in a more climate-resilient way as a result of comprehensive training
- Establishment of resource-conserving feeding systems
- Expertise is provided to institutions via dialogue platforms

“The establishment of an efficient fodder analysis system, the incorporation of resilient fodder crops in the crop rotation and the conservation of fodder are key to enhance the local milk production”

Anton van Engelen
Teamleader

Project Partners and Cooperations

- Federal Ministry of Food and Agriculture (BMEL)
- Ministry of Agriculture (MoA)

Project Partner on Operational Level

- National Centre for Knowledge and Innovation in Agriculture (AKIS) with its attached institutes:
 - Tashkent State Agricultural University
 - Institute of Cereals, Maize and Legumes in Andijan with the research station in the Tashkent region
 - Institute of Southern Agriculture in the Kashkadarya region
- Committee for Veterinary Affairs and the Development of Animal Production (Veterinary Committee) and its institutes:
 - Institute of Animal Breeding and Poultry in Tashkent Region
 - Samarkand State University of Veterinary Medicine, Animal Husbandry and Biotechnology.

Implementing Organisation

GOPA AFC GmbH in Cooperation with
IAK Agrar Consulting GmbH



German-Uzbek expert dialogue for sustainable and climate-resilient agriculture—Component for climate-resilient seed and fodder production

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Bilateral Cooperation Programme of the BMEL



The BKP-Projects are supported with funds from the German Federal Ministry of Food and Agriculture under the supervision of GFA Consulting Group GmbH.

PUBLISHED BY
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AS OF
December 2024