



## ZAMBIA

# German – Zambian Agricultural Knowledge & Training Centre

Training, piloting and spreading climate-resilient farming methods to further develop and modernise agriculture in Zambia and the region

### The Agriculture in Zambia

Agriculture plays an important role in Zambia; the sector employs 50% of the population. Since the summer of 2021, the government has been paying increased attention to the agricultural sector. Primarily through infrastructure measures, more farms are to gain access to markets and thus further develop the country's agricultural potential.

In addition to mechanisation and diversification of agriculture, Zambia promotes climate-resilient cultivation methods as well as climate and resource-friendly technology investments.

### The Project

Since August 2014, the AKTC has been training market-oriented Zambian farmers, experts and managers of agricultural enterprises as well as multipliers (University lecturers, consultants) in modern sustainable crop production. In the current phase, the AKTC will be further developed into a regional centre of excellence for climate-smart crop production, which will also spread methods and findings regionally, among other things by participating in a technical working group led by the Southern African Confederation of Agricultural Unions (SACAU).

### Project goals

- Qualification of the target groups in the practical application of modern technology and sustainable cultivation methods
- Further development of the AKTC as a regional centre of competence for climate-sensitive crop cultivation
- Development of new cultivation and demonstration areas for sustainable cultivation methods
- Development and testing of a concept for the future independent operation of the AKTC



Cultivation trials and research at the AKTC always also determine the economic viability of the cultivation techniques tested. In this way, farmers can be convinced to adopt sustainable methods on their farms.

**PROJECT TITLE**  
German - Zambian Agricultural Knowledge & Training Centre (AKTC)

**TIMEFRAME**  
08/2021 to 07/2024

**AS OF**  
April 2022

**Plant Production**

**Digitalisation & Innovation**

**Education and Training in the Agricultural Sector**

**Climate Adaptation and Climate Protection**

With support from



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#### PORTRAIT ZAMBIA

Landlocked country in Southern Africa, mild tropical climate with hot rainy season and cool dry season. Rainfall up to 1,000 mm, pronounced droughts in recent years. Zambia has a population of about 18 million in an area of 752,614 km<sup>2</sup>. The presidential republic is considered politically stable.

## Results and Successes

AKTC has trained more than 13,000 trainees from the agricultural sector and the agricultural education sector through training and demonstrations. With the University of Hohenheim, AKTC conducts research on mechanised conservation tillage through crop trials.

AKTC advises the Technical Education, Vocational and Entrepreneurship Training Authority on the development of training content.

## Project Partners and Cooperations

- Ministry of Agriculture, Zambia
- European agribusiness companies
- Zambian Agricultural Universities and Colleges
- University of Hohenheim, Institute of Tropical Agricultural Sciences
- Southern African Confederation of Agricultural Unions – SACAU

## Project Partner on Operational Level

- Golden Valley Agricultural Research Trust (GART)
- Zambia National Farmers Union (ZNFU)

## Implementing Organisation

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**Bilateral Cooperation  
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