



Zambia Growth Opportunities (ZAMGRO)

The Global Center on Adaptation (GCA), in partnership with the World Bank Group (WBG) enhanced the climate adaptation component of WBG's Zambia Growth Opportunities (ZAMGRO) project. ZAMGRO aims to promote agricultural diversification, sustainability, and resilience to weather variability by integrating climate adaptation strategies. The project focuses on strengthening policies, institutions, and services, alongside upgrading infrastructure and assets. GCA provided upstream support to embed climate adaptation and agricultural resilience into policies, investments, and capacity-building efforts.

Adaptation Need

Zambia experiences a highly variable climate, with recent decades marked by increasing climatic extremes such as droughts, seasonal and flash floods, and rising temperatures. Hazards, particularly droughts and floods, have become more frequent and severe, negatively impacting food and water security and rural livelihoods. Projections indicate that climate change-related damages to Zambia's agriculture could reach between US\$2.2 billion and US\$3.1 billion over the next decade, which could result in a contraction of the economy by over 2.8%. Given the mono-modal rainfall regime, where weather patterns heavily influence agricultural activities, food security, nutrition, and income of rural households are particularly vulnerable. Building resilience of farming communities to climate change is a priority to ensure sustainable livelihoods, protect food systems, and safeguard national economic stability in the face of increasing climate risks.

GCA's Added Value

In collaboration with the Indaba Agricultural Policy and Research Institute (IAPRI), GCA strengthened the project component aimed at expanding extension services for climate smart agriculture by assessing climate risks to key value chains and building capacity to scale digital solutions and promote green employment opportunities within Zambia's agricultural sector.

Total Investment Value Influenced

\$300M

Beneficiaries

600,000 farmers

IFI Implementation period

2022 - 2026

Program

Food Security

Partners

World Bank, Indaba Agricultural Policy and Research Institute (IAPRI), Government of Zambia - Ministry of Agriculture

Status

Completed

Countries



SDG contribution



PROJECT GOALS

Mainstreaming Adaptation and Resilience

GCA mainstreamed adaptation into the ZAMGRO project through a variety of activities, including assessing climate risks to key value chains such as maize, groundnuts, sorghum, and rice, and identifying suitable digital solutions to support extension advisory services. It organized training and capacity-building sessions on Digital Climate Agricultural Services (DCAS) for farmers, extension agents, and youth to improve their understanding towards scaling adoption of these technologies. Additionally, GCA facilitated multi-stakeholder policy engagement sessions to promote private sector investments in scaling digital adaptation solutions. The support also explored opportunities to create adaptation-related jobs through the ZAMGRO project.

Expected Project Outcomes

GCA's assistance contributed to capacity to effectively and sustainably achieve the following project outcomes:

Improved access to and use of climate-resilient technologies and practices—605,000 hectares for crop production.

Jobs created—5,000 jobs generated in areas benefiting from irrigation support.

Extension services scaled up - to at least 600,000 farmers including a minimum

of 160,000 women receiving extension services and completing training on climate-smart agriculture (CSA) technologies & related extension services. Increased crop production and productivity—1,400,000 metric tons of maize exports

TIMELINE

GCA Support Status

Technical Assistance Preparation

GCA Support Implementation

July, 2022

GCA Support Completion

December, 2023

Monitoring

Project Investment Value

Total Investment Value
\$300M

IFI INVESTMENT VALUE

\$300M

OTHER INVESTMENT
VALUE

N/A

IFI partners



THE WORLD BANK

World Bank

Partners



Indaba Agricultural
Policy and Research
Institute (IAPRI)



REPUBLIC OF ZAMBIA

Government of
Zambia - Ministry of
Agriculture

CONTACTS

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REQUEST FOR INFORMATION

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