The South Sudan Sustainable Agriculture Development Project

GCA in partnership with International Fund for Agriculture Development (IFAD), under AAAP is strengthening the adaptation components of the Sustainable Agricultural Development Project (SADEP) in South Sudan. SADEP aims to improve food security, strengthen agricultural resilience, and sustain rural livelihoods. Recognizing that South Sudan is emerging from conflict, with its agriculture sector facing challenges such as low productivity, weak infrastructure, skills gaps, and increased climate variability, it is important to note that 88% of rural households depend on vulnerable food systems, with over 70% experiencing food insecurity. The SADEP project aims to address these issues by promoting climate-resilient agriculture and value chains, as well as strengthening the agriculture advisory and extension systems.

Adaptation Need

The agriculture sector in South Sudan is facing increasing climate risks—including erratic rainfall, floods, and prolonged dry spells—that undermine agricultural productivity and food security. These climate–induced challenges are particularly severe for smallholder farmers engaged in crops, livestock, and fisheries value chains. Addressing these challenges requires comprehensive climate vulnerability assessments, scaling of proven climate adaptation technologies—including advisory and extension tools—and targeted training, particularly for women and youth, in climate-resilient agricultural practices.

GCA's Added Value

GCA's support for South Sudan's SADEP project focuses on strengthening climate resilience in the agricultural value chains through comprehensive climate risk and vulnerability assessments, analysis of climate-resilient seed systems, and support for the digitalization of seed production and supply. In collaboration with CGAIRs – IITA, CIAT, ICRISAT and CIMMYT, GCA's technical support focuses on co-designing and scaling gender responsive digital advisory platforms and tools like iSAT and RiceAdvise, enhancing early warning systems, and strengthening extension systems to deliver and utilize tailored climate adaptation solutions.

Total Investment Value Influenced

$40.80M

Beneficiaries

18,700 smallholder farmers

IFI Implementation period

2024 - 2028

Program

Food Security

Partners

IFAD, IITA, CIAT, ICRISAT, CIMMYT

Status

In progress

Countries

SDG contribution

PROJECT GOALS

Mainstreaming Adaptation and Resilience

To enhance agricultural resilience, GCA's interventions within the SADEP project include conducting comprehensive climate risk and vulnerability assessments to identify suitable locations for targeted adaptation along the value chains, assessing the resilience of local seed systems, identifying barriers to the adoption of climate-resilient seeds, and providing recommendations to advance digitalization in seed production and commercialization. GCA also supports the co-design and deployment of digital advisory platforms to promote climate-smart practices, facilitate early warning systems, and strengthen extension services' capacity to deliver tailored climate advice.

Expected Project Outcomes

- Enhanced national extension advisory services with integrated DCAS on early warning systems
- Increased production and productivity of selected value chains through resilient infrastructures, technologies and practices.
- Increased incomes from improved access to markets and quality of produce available in the markets
- Strengthened institutional and policy frameworks for effective value chain promotion and rural sector coordination.

GCA Support Status

Technical Assistance Preparation

GCA Support Implementation

September, 2024

GCA Support Completion

Monitoring

Milestones & Key Results

Project Investment Value

Total Investment Value
$40.80M

IFI INVESTMENT VALUE

N/A

OTHER INVESTMENT VALUE

$1.20M

IFI partners

IFAD

Partners

IITA ↗

CIAT

ICRISAT

CIMMYT

CONTACTS

GENERAL MEDIA INQUIRIES

info@gca.org
REQUEST FOR INFORMATION

FoodsecurityTeam@gca.org

RELATED ARTICLES & RESOURCES

IFAD Project Portal

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