



South Sudan Climate Resilient Food Security and Agricultural Transformation Project

The South Sudan Climate Resilient Food Security and Agricultural Transformation Project (CRAFT), funded by the African Development Bank, aims to boost agricultural productivity, improve food security, and build climate resilience by focusing on key value chains—rice, sorghum, sesame, and fish production. It invests in irrigation, soil and water conservation, and fishing infrastructure, while strengthening stakeholder capacity through training and support for research at the University of Juba. It seeks to transform agriculture and safeguard livelihoods against climate impacts.

Adaptation Need

South Sudan faces 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 sorghum, rice, sesame, and fisheries value chains. The CRAFT Project aims to build resilience by promoting climate-smart production and postharvest management practices, rehabilitating irrigation and drainage infrastructure, expanding value addition and market systems, and strengthening digital advisory services.

GCA's Added Value

GCA's support for South Sudan's CRAFT project focuses on strengthening climate resilience across four key agricultural value chains through climate risk and vulnerability assessments, analysis of climate-resilient seed systems, and support for digitalizing seed production. GCA's technical assistance includes co-designing and scaling digital advisory platforms, enhancing early warning systems, and enhancing the capacity of extension services and stakeholders to deliver tailored climate adaptation solutions. In collaboration with five CGIAR Centers, —IWMI, IITA, CIAT, CIMMYT, and ICRISAT—GCA supports the integration and scaling up of adaptation innovations from the CGIAR including climate-resilient irrigation innovations, digital advisory tools for drought and flood monitoring, and climate risk management tools.

Total Investment Value Influenced

\$51.30M

Beneficiaries

112,520 farming households

IFI Implementation period

2024 - 2032

Program

Food Security

Partners

African Development Bank, IWMI, IITA, Alliance of Biodiversity International and CIAT, CIMMYT, ICRISAT

Status

In progress

Countries



SDG contribution



PROJECT GOALS

Mainstreaming Adaptation and Resilience

GCA interventions aim to strengthen resilience in prioritized value chains—sorghum, rice, sesame, and fisheries—through improved, sustainable practices, and inclusive digital extension services, with a focus on empowering women, youth, and local communities

Expected Outcomes

40% increased production and productivity of rice, sorghum, and fish

More profitable jobs created for at least 179,200 Women and Youth (50% women and 60% youth)

Quantities of additional climate-smart quality seeds produced and distributed-
Rice (2,100 tones), Sorghum (1,66.7 tones)

Farmers using improved and climate-resilient practices (disaggregated by age, sex)

Enhanced digital, e-extension and climate advisory services for at least 100,000 farmers

TIMELINE

GCA Support Status

Technical Assistance Preparation

GCA Support Implementation

July, 2024

GCA Support Completion

Monitoring

FINANCE

Project Investment Value

Total Investment Value
\$51.30M

IFI INVESTMENT VALUE

\$46.20M

OTHER INVESTMENT
VALUE

\$5.10M

IFI partners



African
Development Bank
Partners

IWMI

IITA

Alliance of
Biodiversity
International and
CIAT

CONTACTS

GENERAL MEDIA INQUIRIES

info@gca.org

REQUEST FOR INFORMATION

FoodsecurityTeam@gca.org

RELATED ARTICLES & RESOURCES

[AfDB project Portal](#)

