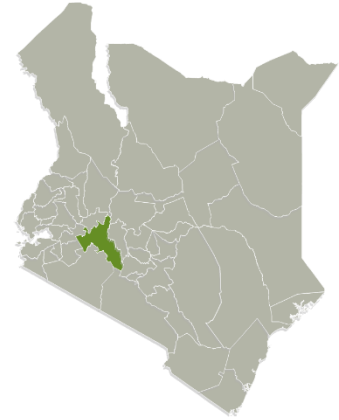


AFRICAN CONSERVATION TILLAGE NETWORK

CATEGORY:	Private Sector
CSA PROJECT:	Conservation agriculture for resilient food security and economic growth in Africa
SCALE:	International Coordination actions, National level implementation
LOCATION:	Nakuru
PERIOD OF THE PROJECT:	2017-2021
GRANT SIZE OF THE PROJECT:	N/A



SUMMARY OF ACTIONS

The organisation engages in activities aiming at: improved policy environment, political commitment and leadership for scaling up adoption of conservation agriculture (CA); capacity developed of civil society organizations (CSOs) and entrepreneurial CA service provider associations (CASPA); high quality CA training and services delivered while ensuring improved access to supportive CA knowledge and information for scaling up in Africa.

CONTEXT

From the farmers' perspective, there is observable variation in climatic conditions in Nakuru County over the past years. Weather patterns have become less predictable and the onset of seasons has changed. Specifically, the rains have become more unpredictable and unreliable while temperature has increased significantly. This requires farmers in Nakuru County to adopt various strategies to cope with variations and changes in climate to ensure agricultural production and food security.

OBJECTIVE

The project long-term goal is to improve food security, economic growth and increase climate change resilience of smallholder farmers in Africa through conservation agriculture.

KEY INTERVENTIONS

FARM LEVEL	TARGET (NO OF FARMERS) (KENYA)	INDICATORS MONITORED
Soil management	2000	SFI, Soil moisture, soil biology, soil properties
Disease and pest management	2000	% reduction in pest and disease, biological control, cultural control
Use of drought tolerant crops	2000	Types of crops, acreage planted
Conservation agriculture	2000	Adoption levels, soil properties, soil moisture retention, infiltration rate, soil cover, types of rotation, acreage under CA,
BEYOND FARM LEVEL	TARGET BENEFICIARIES	INDICATORS MONITORED
Policy formulation	Farmers, Extension staff,	No of fact sheets developed and shared
	stakeholders, County Govt staff	No of meetings with policy makers, farmers or stakeholders Exposure visits by policy makers
Research	Farmers, extension staff, county Govts	No of trials and demonstrations No of technologies tested and validated No of results sharing conferences No of scientific publications

PARTICIPATION IN KEY CLIMATE & AGRICULTURE NETWORKS

African Conservation Tillage Network is a member of the following networks: CA hub Kenya, CA News, CARWG, CSA-MSH and Kenya Climate Smart Agriculture Multi-stakeholder Platform.

INVOLVEMENT IN CSA

- Research
- Policy formulation
- Knowledge dissemination
- Technology transfer
- Coordination and networking
- Communication

RELEVANCE OF CSA MSP TO WORK

- Networking
- Learning and exchange
- Information about CSA
- Influence policy environment

RECOMMENDATION ON WAYS TO SUPPORT MSP

- Dissemination of CSA agriculture knowledge and technologies
- Developing specific CSA policies, legislations, strategies and plans
- Capacity building of key actors involved in climate smart agriculture knowledge and technologies
- Conduct research to provide scientific evidence
- Coordination of actions related to Climate smart agriculture.
- Monitoring, evaluation and audit of climate smart agriculture aspects to enhance accountability

LESSONS LEARNED/CHALLENGES IN CSA PROJECT IMPLEMENTATION

The integration of livestock with conservation agriculture will go a long way to enable mixed farmers to embrace conservation agriculture. Capacity building of the conservation agriculture centre of excellence will influence the uptake of conservation agriculture. The poor rainfall distribution results in crop failures and delays in setting up demonstrations/trials. There is need for more engagement with the private sector to boost their confidence in offering hire services on machinery.

RELEVANT LINKS & REFERENCES

<http://act-africa.org/contacc.php?com=73>;<https://cgspace.cgiar.org/handle/10568/80452/discover>