



Terms of Reference

Mapping Climate Smart Agriculture (CSA) Initiatives in the SADC Region

A. BACKGROUND AND CONTEXT

CCARDESA, which is a SADC subsidiary mandated by Members States to coordinate regional cooperation in agricultural research and development is implementing the Comprehensive Africa Agriculture Development Programme EX Pillar 4 (CAADP-XP4) Project on Agricultural Research and Innovation. This project is being implemented under the EU's "Development Smart Innovation through Research in Agriculture" (DeSIRA) initiative. CCARDESA is implementing this project in partnership with other Ex-CAADP Pillar 4 Africa institutions comprising; African Forum for Agricultural Advisory Services (AFAAS), the Forum for Agricultural Research in Africa (FARA), the West and Central African Council for Agricultural Research and Development (CORAF) and the Association for Strengthening Agricultural Research in East and Central Africa (ASARECA). The CAADP-XP4 Project is financed through the International Fund for Agricultural Development (IFAD) for a period of four (4) years 2019 - 2023. Its implementation focus is in 7 SADC target countries (i.e. Botswana, Eswatini, Mozambique, Namibia, Tanzania, Zambia and Zimbabwe).

The CAADP-XP4 project supports a science-led and climate-relevant agricultural transformation in Africa and aims at strengthening the capacities of CCARDESA to deliver on their Agricultural Research for Development (AR4D) mandate and to collectively support African countries to implement relevant programmes of the Comprehensive Africa Agriculture Development Programme (CAADP) through: inclusive regional and international partnerships; production and exchange of climate relevant agricultural knowledge; effective communication, monitoring and evaluation; promotion of systemic and effective use of science, knowledge and innovation; and representation of the Sub Regional and National Organizations at Continental level.

The CAADP-XP4 project seeks to deliver key outputs that will contribute to an effective African agricultural research knowledge and innovation system, demand-driven public policies on agricultural research and extension services, and enhanced knowledge sharing and technology development for climate change adaptation and mitigation in agriculture and food systems. The promotion of climate smart agriculture (CSA) in the SADC region has been identified as a necessary approach towards tackling the evident impact of climate change on this region's agricultural sector. A regional mapping of climate smart agriculture initiatives within the SADC region is needed to identify gaps that will inform the formulation of CSA interventions in this sector. The SADC findings will also be used towards the consolidation of a continental CSA report.

On the other hand, conservation agriculture (CA) has been cited as a Climate Smart Agriculture (CSA) approach that increases the productivity and climate resiliency of smallholder farmers. Coincidentally, governments and non-state actors across Southern Africa have for many years been promoting CA among farmers in order to strengthen their food and nutrition security and income



levels. Despite evidence on the attractive benefits of CA, the level of investment that could result in increased adoption of the approach by farmers has been rather low.

The lack of clearly defined entry points for CA to global, regional and national development frameworks, policies and strategies has been cited as a major challenge to a programming approach that sustains and builds on momentum for CA adoption gains in the countries. To ensure the buy-in of CA among decision makers, it is important to ensure that CA aligns with regional and national policy frameworks and strategies that seek to address farmer productivity, through Climate Smart Agriculture and Climate Resilience. At regional level, key policy frameworks are housed by regional economic commissions such as the African Union African Union Development Agency (AU-NEPAD), SADC and Common Market for Eastern and Southern Africa COMESA. To have sustained programming and advocacy, CA needs to align with existing Sustainable Development goals (SDGs), regional and national development policies, frameworks and strategies for increased agricultural productivity, climate resilience, disaster risk reduction and food and nutrition security.

To overcome both policy, institutional and technical challenges to scale-up Conservation Agriculture in the region, CCARDESA is working with FAO and other partners in Southern Africa through a project on “Strengthening Coordination, Scaling Up and Governance of Conservation Agriculture in Southern Africa”. Among key activity outcomes of this project is to ensure that possible entry points of CA in regional and national development frameworks of Southern African countries are mapped for sustainable programming and advocacy.

To achieve the objectives of this task, CCARDESA therefore wishes to hire the services of a regional competent and reputable consultant to carry out this two-fold assignment on both CSA and CA.

B. PURPOSE OF THE ASSIGNMENT

The two main objectives of this assignment is to engage a consultant to (i) conduct a mapping of climate change in Southern Africa; as well as (ii) map out CA initiatives in Southern Africa and identify opportunities for CA alignment with regional and national development frameworks in order to strengthen sustainable CA programming and advocacy in the SADC region.

C. SPECIFIC OBJECTIVES OF THE ASSIGNMENT

Specifically, the objectives of this assignment are to:

- i. Refine a data collection tool by among others adapting relevant elements of the developed continental CSA assessment tool for collecting information on CSA and CA initiatives at regional and country level in all the SADC countries.
- ii. Collect and collate relevant data on the state of CSA and CA initiatives, practices and CSA and CA policies in individual SADC member states and at a regional level
- iii. Generate comprehensive information on the state of member countries’ preparedness in responding to climate change with respect to the agricultural sector.
- iv. Generate information towards developing an interactive map of CSA initiatives covering SADC member countries in Southern Africa
- v. Synthesise, publish and disseminate information on the current state of CSA and CA initiatives and related policies in Southern Africa
- vi. Identify gaps/opportunities in relation to fostering preparedness to respond to the impact of climate change on the agricultural sector in the target countries and the region.





D. SCOPE OF WORK

The Consultant will work closely with 2 technical staff from CCARDESA as well as the FARA consultant and technical staff for partner organisations at country level to facilitate wider analysis at regional and selected partners at target countries' level. In executing this assignment, the Consultant will undertake the following specific tasks:

- i. Develop an appropriate methodology for carrying out the assessment of CSA and CA initiatives looking at the past 5 years and any future advanced project pipelines at CCARDESA, regional level and within the SADC countries. The detailed methodology will be included in the technical proposal;
- ii. Using the CSA Initiatives' Assessment tool(s), carry out studies to assess the existing CSA and CA initiatives, gaps and interventions needed to foster preparedness for climate change in the agricultural sector in selected national and regional institutions. These will include assessment in the SADC countries. At regional level, the studies will assess the work of CCARDESA and other relevant regional actors; Similarly, at national level, the focus will be on key research and innovation initiatives on climate smart agriculture to support attainment of the climate-related national targets of CAADP and UNCFCC relevant to agriculture.
- iii. Analyze generated datasets and synthesize into a report in collaboration with the FARA consultant and discuss the findings with CCARDESA;
- iv. Consolidate sub-regional synthesis reports on CSA and CA and share them with CCARDESA
- v. In consultation with CCARDESA, convene meetings to validate findings of the mapping reports;
- vi. Consolidate the country reports in liaison with CCARDESA Technical Staff and to come up with consolidated regional reports on CSA and CA respectively for sharing with CCARDESA.
- vii. Develop and disseminate knowledge products including policy briefs on CSA initiatives targeting relevant stakeholders.
- viii. The CA related aspect of the study will review relevant regional development and policy frameworks of AUDA-NEPAD, SADC and COMESA. It will also review national development and policy frameworks of all SADC countries relevant to CA.

E. METHODOLOGY

The Consultant is expected to propose a robust methodology for undertaking the assignment which should be detailed in the inception report. The assignment will cover all the SADC countries. Broadly, the assessment will focus on CSA and CA initiatives, projects, programmes, policies, working groups and networks in the individual target countries and the SADC region. The consultant is therefore expected to come up with a suitable methodology as well as the tools for carrying out the assignment. The Consultant, in liaison with CCARDESA is expected to review the proposed FARA tool(s) among others in order to come up with a reliable tool for carrying out the assessments including addressing issues unique to the SADC region and to include the minimum elements needed for the continental report.

F. Location of the Assignment

The assignment will be home-based. The desk-top study will cover CSA and CA initiatives for all the SADC countries. In view of the COVID-19 restrictions on travel and meetings, the assignment will be done virtually. However, where the COVID-19 lockdown regulations permit, face-to-face



meetings at CCARDESA Secretariat may be considered. A validation of the reports is to be done virtually with the effective participation of the relevant stakeholders.

G. DELIVERABLES

The key deliverables are:

- (1) An inception report as part of the proposal spelling out the proposed technical approach, the assessment tool, time scale, resources and validation plan for the delivery of the final task strategy as well as outlines for both the CSA and CA Mapping reports;
- (2) A draft CSA Mapping Report (based on an agreed outline) 4 weeks after signing of the assignment contract. This shall also include:
 - Findings from the CSA assessment; on the identified gaps/ opportunities based on the agreed tool(s);
 - Recommendations for next steps, including recommendations on addressing gaps, improving policy formulation, policy analysis and policy advocacy, and CSA capacity strengthening;
- (3) A final CSA Mapping Report 6 weeks after the signing of the assignment contract incorporating comments received from CCARDESA and its respective key stakeholders;
- (4) Provide relevant data to enable development of an interactive map of climate change initiatives within SADC (6 weeks after signing the assignment contract).
- (5) Knowledge products (4) on CSA based on the assessment produced, published and disseminated (regional CSA review article, 2 CSA policy Briefs) on identified issues from the assessment as well a regional synthesis produced to facilitate continental consolidation (all completed by week 7 after signing of the assignment contract).
- (6) In relation to CA, the consultant shall deliver the following 3 outputs:

Output 1: Compendium of existing SDGs, regional and national development policies, frameworks and strategies for increased agricultural productivity, climate resilience, disaster risk reduction and food and nutrition security compiled through desk top review and institutional stakeholder consultations.

Output 2: Synoptic summary report of potential CA entry points to existing SDGs, regional and national development policies, frameworks and strategies for increased agricultural productivity, climate resilience, disaster risk reduction and food and nutrition security mapped through desk top review.

Output 3: Final Report with key findings of the study including gaps, opportunities and recommendations consolidated through a Synthesis Report and two policy briefs developed based on the CA mapping.

Output 4: Study findings are disseminated to key CA stakeholders and platforms i.e. two policy briefs and other knowledge and communication products from the CA mapping Synthesis Report disseminated to key CA stakeholders in the region.

H. SUPPORT TO THE CONSULTANT

CCARDESA will support the Consultant by providing guidance on other possible CSA and CA contacts in the region during the implementation of the assignment. Therefore, the Consultant will work very closely with the contact persons at CCARDESA in the delivery of this assignment. The wide range of support will include the following:

- Introduce the consultant to the CSA/ CA focal or contact persons in target countries;
- Liaise with country contact/focal persons to ensure that response to the data collection tool is concluded in a timely manner;



- Provide relevant CCARDESA information/literature materials that may be required by the consultant.

I. QUALIFICATIONS AND WORK EXPERIENCE OF THE CONSULTANT

- Have at least a Master's degree in Agricultural Economics, Agriculture Science or Agronomy, Development Studies, Climate Change and Resilience or related fields.
- At least Ten years' experience in the agricultural development sector; preferably familiar with CSA.
- Experience on development of survey tools, data collection methodologies including online data collection techniques.
- Have demonstrable ability to write concise technical papers and synthesis reports
- Proven ability to work both independently and as part of a team,
- Experience in working in Southern African countries and;
- Knowledge of SADC languages would be an added advantage,
- Experience in gender and youth mainstreaming will be an added advantage.

J. PROPOSAL SUBMISSION

The proposal for this consultancy should comprise of the following:

- An understanding of the consultancy requirements;
- Methodology and work-plan for performing the assignment;
- Project delivery plan;
- Ability to work in a team to deliver the tasks of the assignment;
- Detailed reference list indicating the scope and magnitude of similar assignments;
- Relevant CSA related work undertaken in Southern African in the past.

K. EVALUATION FACTORS AND SUB-FACTORS

The Proposal for this contract will be evaluated according to the following criteria:

- Thoroughness in complying with all the elements laid out in the tasks;
- Consultant's experience and capacity in implementation of similar assignments;
- CSA relevant experience in the SADC region;
- Strong familiarity with scope of work;
- Quality of technical proposal;
- Methodological approach;
- Clarity of the proposed Work plan;
- Realistic financial proposal (implementation budget).

L. DURATION

The assignment is expected to take a total of 30 input days.

M. REPORTING

The consultant will report to the CCARDESA Programmes and Grants Manager through the Research and Advisory Thematic Coordinator who will be responsible for daily technical and administrative issues for the assignment.



N. APPLICATION

The consultant is requested to submit both financial and technical proposal for this consultancy. The technical proposal should contain at least the following: (i) Inception report with a description demonstrating an understanding of the tasks including comments on the TORs; (ii) Elaborate description of the methodology to be followed to deliver the required outputs of this assignment; (iii) Work plan and time frame for implementation; and (iv) CV of the consultant. The financial proposal should contain professional fees and other direct and reimbursable expenses. Applications should be submitted by **2nd October, 2020** to:

The Executive Director
Attn: Procurement Officer
CCARDESA Secretariat
Private Bag 00357, Gaborone, Botswana
E-mail: registry@ccardesa.org copy to bmakara@ccardesa.org

