



## TERMS OF REFERENCE

### DEVELOPMENT AND PROMOTION OF GUIDELINES FOR INCLUSION OF RELEVANT CLIMATE STI INDICATORS INTO NAIPS, FOR USE BY REGIONAL AND CONTINENTAL INSTITUTIONS

#### 1.0 BACKGROUND

The Centre for Coordination of Agricultural Research and Development for Southern Africa (CCARDESA) 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) Programme on Agricultural Research and Innovation. This programme is being implemented under the EU's "Development Smart Innovation through Research in Agriculture" (DeSIRA) initiative. CCARDESA is implementing this programme in partnership with other Ex-CAADP Pillar 4 (CAADP-XP4) 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 Programme is financed by the European Union (EU) and administered by the International Fund for Agricultural Development (IFAD) over a period of four (4) years. CCARDESA is implementing the programme in the SADC region with focus in seven countries (i.e. Botswana, Eswatini, Mozambique, Namibia, Tanzania, Zambia and Zimbabwe).

The aim of the programme is to link research and innovation with development initiatives to boost innovation in agriculture and food systems to make them more resilient to climate change and better responsive to development demands. Its objective is to enable agricultural research and innovation, including extension services, to contribute effectively to food and nutrition security, economic development and climate mitigation in Africa. The programme seeks to achieve five outputs which are; (i) Capacity Strengthening; (ii) Multi-stakeholder Partnerships for



innovation established and in Operation; (iii) Policy, cross country market access and improved investment; (iv) Knowledge Management and (v) Effective Planning, Coordination, Partnership, Monitoring, Evaluation Learning (MEL) and Reporting.

In support of policy formulation and planning at national and regional level, CCARDESA seeks to engage a Consultant to develop and promote guidelines for the inclusion of relevant climate Science, Technology and Innovation (STI) indicators into National Agricultural Investment Plans (NAIPs). The indicators are expected to facilitate agricultural transformation and to aid the tracking of progress of STI at national, regional continental level and contribute towards national, regional and continental development agenda, as well as attainment of the Sustainable Development Goals (SDGs) at a global level. The Science, Technology and Innovation indicators can be used to improve the quality of policies and inform planning that can enhance the region's scientific and technological development.

### **1.1 Rationale of the Assignment**

Policymakers at national level have been attempting to mainstream climate change into their agricultural policies. One of the challenges have been incoherence between existing climate and agricultural policies. Science, Technology, and Innovation is a catalyst for sustainable economic and social development hence the importance of integration of STI indicators into national development strategies. STI indicators are the developmental pillars that facilitate increased productivity, improve competitiveness, foster growth, and ensure improved livelihoods. It is against this background that CCARDESA realizes the need to build capacity to identify, conceptualize and define specific STI indicators that are measurable at all levels for the promotion of climate smart agriculture in the region. These indicators are expected to address technical and institutional dimensions of science, technological advancements and innovations. The absence of guidelines that facilitate and promote the inclusion of relevant climate STI indicators, into NAIPs hampers the adoption of climate smart agriculture. It is crucial that countries are supported to identify innovative approaches to stimulate the uptake of climate resilient technology solutions with a view to providing policy recommendations on this issue.

Therefore, the purpose of this consultancy to provide guidelines that will support countries to mainstream relevant climate STI indicators into their NAIPs to improve the generation and uptake of climate relevant agricultural innovation that would deliver development impact.



## **1.2 Objective of the Assignment**

The objective of this assignment is to develop guidelines for promoting the inclusion of relevant climate STI indicators into national agricultural investment plans to facilitate agricultural transformation.

## **2.0 SCOPE OF ASSIGNMENT**

The Consultant will work closely with technical staff from CCARDESA as well as the FARA consultant and technical staff for partner organisations at country level. The consultant will perform the following specific tasks:

- i. Assess the level of inclusion of relevant climate STI indicators in National Agricultural Investment Plans (NAIPs) in the target countries;
- ii. Develop national and regional action plans that promote the inclusion and mainstreaming of relevant climate STI indicators into NAIPs;
- iii. Harmonize the national action plans into a regional plan for use at regional level;
- iv. Provide technical guidelines for agenda setting to enhance mainstreaming STI indicators into NAIPs by national institutions.

## **3.0 EXPECTED DELIVERABLES**

This assignment is expected to deliver the following outcomes:

- i. An Inception Report that clearly spells out the proposed methodology and approach with clear timelines, data collection tool with data sources, validation plan and other requirements necessary for the delivery of the assignment;
- ii. Brief status report on the inclusion of relevant climate STI in the SADC region's agricultural sector based on the 7 target countries;
- iii. Generic National and regional action plans that promote the inclusion and mainstreaming of relevant climate STI indicators into National Agricultural Investment Plans (NAIP) developed;
- iv. Technical and practical guidelines for agenda setting and mainstreaming climate relevant STI indicators into NAIPs developed;
- v. Develop a policy brief on the inclusion of relevant climate STI in to NAIPs.

## **4.0 DURATION OF ASSIGNMENT**

The assignment is expected to take a total of 15 input days spread across 30 calendar days.



## **5.0 LOCATION OF THE ASSIGNMENT**

The assignment will mostly be home-based, and meetings will be conducted virtually.

## **6.0 SUPPORT TO THE CONSULTANT**

CCARDESA will support the Consultant in the following areas:

- i. Provide the contact details of the technical staff from the Secretariat and selected regional and country-level stakeholders to be interviewed during the assignment;
- ii. Facilitate relevant logistics to undertake the task with minimal interruptions;
- iii. Provide relevant information/background documents as might be required;
- iv. Provision of an introductory letter.

## **7.0 QUALIFICATION AND EXPERIENCE**

The consultant must possess the following qualifications:

- i. A M.Sc. degree in Agricultural Economics, Economics, Agricultural Policy, Social Science, climatology, climate science, Development Studies or other related fields of study;
- ii. Must have a strong policy background and proven track record in policy design and analysis;
- iii. At least eight (8) years post-graduate qualification experience in agricultural sector policy development and analysis with experience in the SADC region;
- iv. Excellent analytical skills as demonstrated by reports or publications related to the assignment;
- v. Have a fair knowledge of CCARDESA activities and interventions;
- vi. Have skills in working-group facilitation, stakeholder consultative process and development planning process;
- vii. Have experience in use of virtual tools for data collection and meetings;
- viii. Have ability to write concise technical papers and synthesis reports in English;
- ix. Fluency in Portuguese would be an added advantage.



## 8.0 REPORTING

The Consultant will report to the CAADP-XP4 Regional Programme Coordinator, who will be responsible for the daily technical and administrative issues for the assignment and other technical staff at the Secretariat.

## 9.0 APPLICATION

Interested individual consultants are required to submit their expression of interest (via e-mail) and a comprehensive curriculum vitae, detailing proof of similar experience, together with the names, e-mail addresses, and telephone numbers of three referees. Applications should be submitted by **23<sup>rd</sup> July, 2021** to:

### **The Executive Director**

Attn: Procurement Officer

CCARDESA Secretariat

Private Bag 00357, Gaborone, Botswana

E-mail: [procurement@ccardesa.org](mailto:procurement@ccardesa.org)

