



## **Terms of Reference**

### **IGAD Center for Pastoral Areas and Livestock Development (ICPALD), Consultancy to Conduct Risk Analysis for anticipatory action in Pastoral areas**

#### **Background**

Intergovernmental Authority on Development (IGAD) was established in 1986 to mitigate the effects of recurrent drought and environmental degradation, boost agricultural production, and facilitate sustainable management of natural resources. With the emerging political, security, and socio-economic challenges, the Assembly of Heads of State and Government in 1996 resolved to expand IGAD's mandate to include areas of cooperation and integration, peace and security, and socio-economic dimensions. IGAD region members consist of Djibouti, Eritrea, Ethiopia, Kenya, Somalia, South Sudan, Sudan, and Uganda. Therefore, IGAD's mandate is to promote the resilience of the region through regional cooperation and integration, fostering peace and security, boosting agricultural sector development, facilitating sustainable management of natural resources, and environmental protection.

The IGAD Centre for Pastoral Areas and Livestock Development (ICPALD) was established in July 2012 as an IGAD Specialized Institution mandated to "promote and facilitate sustainable and equitable drylands and livestock development in the IGAD region." To fulfill its mandate, ICPALD provides a platform for regional cooperation and coordination in drylands, pastoralism, and livestock development. ICPALD thrusts in the improvement of animal health, production and marketing, enhanced dryland production and pastoralism including value added alternative livelihood products from non-wood rangeland products (NWRP) and artisanal minerals (in areas of production) with the aim of bringing positive impacts on food and economic security, especially in rural pastoral populations. Regional cooperation and coordination of actions based on evidence of risks to shared natural resources, animal feed security, climate change adaptation and mitigation, animal health, and the evaluation of other factors of production and consumption remain the principal means of achieving these objectives.

The IGAD region is home to over 270 million people and about 532 million heads of livestock. About 60 - 70% of the IGAD region consists of arid and semi-arid lands (ASALs), characterized



by low erratic rainfall of up to 500mm per annum, periodic devastating droughts and recurrent floods. A sizeable portion of livestock is raised in extensive systems in the arid and semi-arid lands and by smallholders as pastoralist and agro-pastoralist. In the expansive ASALs of the IGAD region, livestock sector makes significant contributions to livelihoods, food security, jobs and the environment. Vulnerability to drought and drought impacts are high in the ASALS. In order to reduce vulnerability to drought, since 2012, countries in the Horn of Africa region have been engaged in the implementation of the IGAD Drought Disaster Resilience and Sustainability Initiative (IDDRSI): a comprehensive and holistic undertaking, which is being executed in a concerted, coordinated manner throughout the IGAD region, aimed at building the resilience of drought-prone communities, to effectively address their challenges and vulnerabilities, including food insecurity, poverty and environmental degradation.

However, climate change affects burdened efforts by affecting availability of quality and quantity of pastures, the ecological buffer capacity and their sustainability. IGAD has been working to ensure the adoption of climate-resilient practices at scale by pastoralists and agro-pastoralists while drought impacts continue to devastate vulnerable communities. For example, drought in the Greater Horn of Africa during 2021-2022 has caused 3.6 million livestock deaths while 28 million people were reported as food insecure. During this period, the IGAD region faced unprecedented challenges due to a persistent and prolonged drought, marked by five consecutive below average rainfall seasons. Current and recent food security crises in the region exemplify the potential for anticipatory action to help mitigate and prevent drought impacts, and the challenges in effectively implementing such action in the face of slow-evolving crises in complex contexts. Overall, there is a lack of clarity on what actions most effectively mitigate drought impacts and protect and support resilient pastoralist livelihoods, especially for the most vulnerable groups. It is, therefore, important to undertake an assessment to identify bottlenecks to the drought monitoring, preparedness, and implementation at different levels.

### **About the PASSAGE Project**

The IGAD Centre for Pastoral Areas and Livestock Development (ICPALD) partnered with the International Federation of Red Cross and Red Crescent Societies (IFRC), and the University of Sussex, and secured a research fund for the project 'Strengthening Pastoralist Livelihoods Through Effective Anticipatory Action' (PASSAGE). This project is funded under the UK-Canada



framework research programme called Climate Adaptation and Resilience (CLARE) and supported by International Development Research Centre (IDRC) and UK Foreign, Commonwealth and Development Office (FCDO). Collaborating institutions include Kenya's National Drought Management Agency, University of Nairobi, Regional Centre for Mapping of Resources for Development (RCMRD), IGAD Climate Prediction and Applications Centre (ICPAC), Jigjiga University, Centre for Research and Integrated Development (CRID), Makerere University, World Food Program, and Virridy Research Inc.

The PASSAGE project purpose is to enhance operational early warning systems and anticipatory action for drought risk in pastoralist livelihood systems across the greater Horn of Africa to enhance climate-resilient and sustainable livelihoods, especially for the most vulnerable. It aims to address the challenges of drought monitoring, preparedness, and implementation in the Greater Horn of Africa. It focuses on improving the management of extreme climate events by local governments to support pastoral livelihoods and vulnerable communities. The project will enhance modeling, forecasting, and anticipatory action plans, particularly in the transboundary areas hosting the most vulnerable pastoral communities. It builds upon existing initiatives and investments in anticipatory action, employing coproduction of knowledge, participatory methods, and a combination of qualitative and quantitative approaches. The expected outcomes include improved climate risk forecasting and modeling, effective anticipatory actions, and enhanced capacity for equitable adaptation.

ICPALD is leading part of Work Package 1 (WP1) on Early Warning Systems that includes design and collection of livestock data using cross-sectional surveys and household livelihoods analysis using household surveys and other data including anticipatory actions that pastoral households undertake in response to climate hazards and their impacts. The data collection and information will be differentiated by gender, age and economic capacity, towards understanding what actions work best for whom, when and how. The data will lead to evaluation of economic viability of the anticipatory action (AA) options to determine the returns, and choice experiment to determine the willingness to pay/accept adaptation options.

In order to fulfil the target of the WP1, IGAD is planning to recruit short-term individual consultant to help undertake this assignment.



## **Approach and Scope of the Assignment:**

The project employs a transdisciplinary and holistic approach to understand the socio-ecological dynamics of pastoralist areas in the Greater Horn of Africa. It utilizes qualitative approaches, including household economy analysis, key informant interviews, and literature reviews, to evaluate the economic viability of anticipatory action. Participatory methods, such as the IFRC enhanced Vulnerability and Capacity Assessment and Community-Based Participatory Planning, are used to map vulnerabilities, develop anticipatory actions, and incorporate traditional knowledge.

## **Scope of work**

- a) Design and collection of Socio-economics data necessary for Anticipatory Actions in pastoral areas:
  - Evaluate the socio-economic landscape in the horn of Africa where Anticipatory Actions are implemented.
  - Leverage insights from researchers, local governments, regional organizations, national governments, and local communities.
  - Conduct a thorough review and assessment of Anticipatory Action Protocols (AAP) within the horn of Africa region.
  - Aim to better understand the complex interplay of social, ecological, political, and economic dynamics that impact local communities.
  - Ensure gender-sensitive interpretation of findings to capture the unique experiences and vulnerabilities of different genders and promote gender equality and inclusion.
- b) Economic Valuation of Early Actions/Anticipatory Actions Protocols:
  - Undertake a comprehensive economic valuation of the Early Actions/Anticipatory Actions Protocols.
  - Assess the economic impact and value generated by these protocols.
  - Evaluate the cost-effectiveness and benefits derived from Anticipatory Actions.
  - Highlight the economic advantages of early interventions.
  - Ensure gender-sensitive interpretation of economic valuation findings to recognize gender-specific impacts and promote gender equality and inclusion.
- c) Embedding Gender Equality and Inclusion:
  - Integrate gender equality and inclusion considerations into all aspects of the implementation and dissemination of research findings.
  - Identify opportunities to enhance gender equality and social inclusion through Anticipatory Actions.
  - Provide recommendations and strategies to improve gender-sensitive outcomes within the context of Anticipatory Actions.

## **Deliverables:**

- Inception report that outlines understanding of the assignment, clear methodology for data collection and analysis; schedule of activities; draft data collection approach and tools and draft outline for the final report and data set
- Draft report on Comprehensive assessment on the socio-economics of target communities in HoA including livestock data relevant to Anticipatory Actions, and gender-sensitive insights.



- Draft report on Economic valuation of Early Actions/Anticipatory Actions, with a focus on gender-sensitive findings.
- Two draft policy briefs on Socio-economics for Anticipatory Actions and Economic valuation of Early Actions/ Anticipatory Actions with gender equality and inclusion considerations.

## **Qualifications**

### **Education**

Advanced degree from a recognized institution in economics, agricultural economics, or a related field with strong background in quantitative analysis skills.

### **Work Experience**

- At least 7 years of relevant professional experience in socio-economic data collection design, quality control and analysis, with a focus on pastoral areas and rural development;
- Proven experience of economic modeling that can be demonstrated by at least two past assignments, research paper or publications.
- Strong analytical skills and ability to use statistical software and other relevant tools;
- Familiarity with national and regional policies and strategies related to pastoral development,
- Excellent communication and interpersonal skills, and ability to work effectively in a multicultural team.
- Good knowledge of the IGAD region
- Command in oral and written English
- Ability and willingness to travel to pastoral areas in the IGAD countries

### **Selection criteria**

The selection criteria will base on relevant education background, work experience (as described above); good track record in delivering similar assignments and experience of working in the IGAD region.

### **Consultancy location and office accommodation**

The assignment covers cross-border areas of Kenya, Ethiopia, Somalia, Uganda and South Sudan.

The consultant will use own office accommodation and facilities with frequent visit to ICPALD office.

### **Duration of the assignment:**

The assignment can last maximum of **90-man days** on a non-continuous basis, spread over six months from the date of signature.

### **Reporting and Management of the Assignment**

The Consultant will work under the direct supervision and guidance of the ICPALD PASSAGE Principal Investigator (PI) and the PASSAGE Project Coordinator. The outputs indicated above and adherence to the time schedule will be approved by the PI, and any payment will be subject to this approval. The reports and policy briefs referenced herein will conform to a format approved



by ICPALD. All paper copies of the deliverables must be accompanied by electronic versions in the respective Microsoft Office application format (e.g., MS Word for documents, MS Excel for spreadsheets). All images shall be provided in an editable digital format (e.g., high-quality JPG or PNG), and all software submitted with source code.

### **Travel outside duty station (Home country)**

Air tickets or road transport and Daily Subsistence Allowance (DSA) at IGAD rate will be covered upon approval of travel schedules and activities.

### **Consultancy Duration and Payment Schedule**

The consultancy work shall start immediately after signing of the work contract with IGAD with a completion of the inception report, detailed report on Comprehensive assessment on the socio-economics for Anticipatory Actions of target communities, detailed report on Economic valuation of Early Actions/Anticipatory Actions, two draft policy briefs on Socio-economics for Anticipatory Actions and Economic valuation of Early Actions/ Anticipatory Actions within 90 days on a non-continuous basis, spread over 6 months from the date of signing the contract.

<b>Output/ activity completed.</b>	<b>Payment in percent of the contract amount</b>
The signing of contract and approval of inception report	15%
Conducting an assessment of Socio-economics for Anticipatory Actions Prepare data collection protocol, data collection and quality control and Draft report on Comprehensive assessment on the socioeconomics for Anticipatory Actions of target communities and shared with ICPALD Draft policy brief on Socio-economics for Anticipatory Actions and shared with ICPALD	35%
Conducting Economic Valuation of Early Actions/Anticipatory Actions Protocols Draft report on Economic valuation of Early Actions/Anticipatory Actions and shared with ICPALD Draft policy brief on Economic valuation of Early Actions/ Anticipatory Actions and shared with ICPALD	35%
Validation of the two final reports on socio-economics for Anticipatory Actions of target communities, and on Economic valuation of Early Actions/Anticipatory Actions and two draft policy briefs on Socio-economics for Anticipatory Actions and Economic valuation of Early Actions/ Anticipatory Actions	15%

### **Insurance cover**



The consultant will be responsible for his/her own medical and life insurance cover for the duration of the assignment.

**Taxes**

The consultant will be responsible for remitting his/her own taxes.

**Report** will be submitted to IGAD Centre for Pastoral Area and Livestock Development (ICPALD), Kabete Vet Lab, Kapenguria Road, P. O. Box 47824-00100, Nairobi, Kenya.

**How to Apply**

Qualified candidates submit their application to [beverlyne.nyanchera@igad.int](mailto:beverlyne.nyanchera@igad.int) ;and bearing the subject line. Applicants should submit their applications accompanied by detailed CVs, copies of both academic and professional certificates, statement of interest and proof of ability to undertake this assignment. Application must be submitted before 7<sup>TH</sup> of August 2024.