Consultative Workshop to Validate Gap Analysis Report, Develop Data Collection Templates, and to Consult on a Data Collection Roadmap for the Agriculture Sector (Activity 3) Report

ICAT

Initiative for
Climate Action
Transparency

Initiative for Climate Action Transparency – ICAT Consultative Workshop to Validate Gap Analysis Report, Develop Data Collection Templates, and to Consult on a Data Collection Roadmap for the Agriculture Sector (Activity 3) Report

Deliverable # 3 & 4

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Background

1.1 Introduction

The Government of Eswatini has prioritized enhancing national capacities to meet its reporting obligations under the enhanced transparency framework (ETF) of the Paris Agreement. The Ministry of Tourism and Environmental Affairs (MTEA) has received support from the Initiative for Climate Action Transparency (ICAT) to improve institutional arrangements and data collection processes to assist Eswatini to meet the accelerated reporting requirements under its Nationally Determined Contributions (NDC) under the UNFCCC's Paris Agreement.

The University of Eswatini's (UNESWA's) Centre for Sustainable Energy Research (CSER) was hired by ICAT (through UNOPS) to complete the ICAT project which includes the following main activities:

Activity 1: Adaptation scoping and gap analysis for the health and water sector.

Activity 2: Energy sector GHG inventory institutional arrangements and data collection roadmap.

Activity 3: Agriculture sector GHG inventory institutional arrangements and data collection roadmap.

Activity 4: Incorporation of timber and sugarcane plantation data into the IPCC's Land Use, Land Use Change and Forestry (LULUCF) sector GHG inventory.

Activity 5: Renewable electricity policy scenario assessment and impact modelling with recommendations for implementing NDC targets.

Activity 3 of the ICAT project aims to validate a scoping and gap analysis of the agriculture sector in the Kingdom of Eswatini. It further aims at providing inputs to the ETF for the country, as it will produce data collection templates, and a data collection roadmap for the sector in the Kingdom. In the process, this will contribute to the development of the MRV system for mitigation activities in the sector.

1.2 Objectives of the workshop

The aim of Activity 3 is to enable the Kingdom of Eswatini to develop a framework for monitoring and tracking mitigation actions in the agriculture sector to meet Eswatini's NDC targets, while also strengthening capacities to develop frameworks for other sectors in the Kingdom.

The proposed workshop's specific objectives are:

1. To validate the draft scoping and gap analysis report for the agriculture sector;

2. To validate data collection templates for livestock and non-livestock (crop) agriculture; and,

3. To engage stakeholders to develop a draft data collection roadmap for the agriculture sector of the Kingdom of Eswatini.

1.3 Expected outcomes

The workshop was expected to produce the following outcomes:

- Produce a validated scoping and gap analysis report for the agriculture sector, with inputs from stakeholders;

- Produce a validated data collection templates for the livestock and non-livestock (crop) agriculture sectors; and,

- Produce a draft data collection roadmap for the agriculture sector of the Kingdom of Eswatini.

These outcomes were achieved through a mix of presentations made during the two-day workshop and rigorous consultative sessions undertaken during the workshop.

1.4 Workshop participation

Workshop participation was a mix of physical and virtual, conducted over two days. Participants were from the Ministry of Agriculture (Livestock and Crop), King᾿s Office, Eswatini Cotton Board, Eswatini Cane Growers Association (ECGA), Royal Eswatini Sugar Corporation (RESC), Eswatini Sugar Association (ESA), and small-scale farmers, among others. Consultants from the Centre for Sustainable Energy Research (CSER), with the assistance of the MTEA, facilitated the workshop. In terms of gender in participants, female participation was relatively lower than male participants as out of the 25, 20 (80%) were male, while 5 were female (20%).

Workshop format and proceedings

Day 1 of the workshop

2.1 Opening remarks and introduction of the ICAT project

The first day of the workshop was opened by Dr. Deepa Pullanikkatil from the Ministry of Tourism and Environmental Affairs (MTEA/UNDP), who thanked stakeholders for making the time to attend the workshop. She stressed the importance of the meeting and what is aimed to achieve. Ms Pullanikkatil concluded her remarks by wishing everyone a fruitful interaction for the duration of the workshop. Thereafter, the ICAT-Eswatini Project Facilitator, Mr. Saneliso Makhanya introduced participants to the project. This was followed by a recap by Dr. Wisdom Dlamini from CSER, UNESWA on greenhouse gas (GHG) inventory compilation in Eswatini, and communication to the UNFCCC. Dr. Dlamini further took participants through what Activity 4 (LULUCF) has managed to achieve under the ICAT project, which also gave a setting to participants on the Land Use change patterns in the country since the 1990s.

2.2 Validation of the scoping and gap analysis report

After the tea break, Dr Sizwe Mabaso from the CSER facilitated a very lively and engaging session that validated the scoping and gap analysis report that had been developed for the sector. This was done through a PowerPoint presentation, followed by taking the participating stakeholders through the actual report. This was done with special focus on reviewing the identified data gaps and the validation of the list of stakeholders for both the livestock and non-livestock sectors. Very useful feedback was received from the stakeholders as several crucial stakeholders had been left out of the list, and the lists were updated. Further comments for areas of improvement of the scoping and gap analysis were captured for inclusion by the consultants during the workshop.

Overall, the report was well-received by stakeholders who noted that it was a true reflection of what is prevailing on the ground in the sector. Virtual participants also made very critical and meaningful contributions through both virtual chats and voice submissions.

2.3 Development of templates for the livestock sector

Dr Samkele Tfwala from the CSER introduced participants to the data needs and requirements for Tier 2 in the agriculture sector through a PowerPoint presentation. This was followed by the introduction of data collection templates for the required data. Dr Tfwala stressed that there was a need for a continuous and consistent data collection approach, which would be guaranteed going forward if standard templates for respective institutions were developed.

First, Dr Tfwala went through a highly interactive exercise with the livestock experts, covering what each template will aim to collect by the proposed target stakeholders. Under the

livestock sector, four templates, as guided by the data requirements for Tier 2, were developed. These comprised a template for livestock population, productive data, manure management and livestock feed basket data templates. Deliberations were also made to decide at what level each set of data should be collected. Further, participants discussed which institutions will require MOUs (Memoranda of Understanding) to be established with MTEA. Recommendations, which informed the developed roadmap for the sector, were also captured.

Day 2 of the workshop

2.4 Recap on day 1 of the workshop

The morning of the second day started with stakeholders undertaking a recap of what was covered during Day 1. Participants were given an opportunity to discuss what they had taken from the previous day. The session showed just how well the previous day's sessions had been well-received by the participants.

2.5 Development of templates for the non-livestock sector

Data requirements were presented for the non-livestock sector to use a Tier 2 approach like the process followed in the development of the templates for the livestock sector. Draft templates developed for the sector were then presented to the stakeholders, and their suggestions for improvement were noted. Special notes were made on recommended institutional arrangements that will be needed to obtain such data.

2.6 Consultation on the roadmap for data collection for the agriculture sector

With templates agreed upon and finalised for both the livestock and non-livestock sectors, stakeholders were then further engaged on helping develop the roadmap that would be needed to successfully establish an operation data collection system for the sector in the Kingdom. This focused on the support needed (e.g., equipment for measuring livestock data for MoA) and especially the institutional arrangements that needed to be put in place for the inventory to successfully capture data and information. A skeleton document of the roadmap was produced during the deliberations. In addition, stakeholders agreed that with in-depth consultations on the roadmap during this workshop, another physical meeting would not be needed to validate the roadmap report. Rather, it was agreed that CSER will compile the report of the roadmap, and then circulate it to stakeholders electronically for inputs and finalisation.

2.7 Concluding remarks

The meeting was then ended by Ms Minky Groenawald, from the MTEA's CCU who made the closing remarks. Ms Groenewald thanked all participants for the very informative and interactive workshop, and especially for the inputs participants made. The workshop was then officially closed.

Annex 1: Agenda for the Workshop

Day 1: Gap Analysis Report Validation and Introduction the Templates Development – 7th March 2022

Time	Activity	Responsibility
0800 – 0830	Arrival and Registration	All Participants
0830 – 0845	Welcome Remarks	Director, MTEA
0845 – 0915	GHGs Inventory Compilation & Reporting to the UNFCCC	Minky Groenawald, MTEA
0915 – 0930	Introduction of ICAT and Objectives of the Workshop	Coordinator, CSER, UNESWA
0930 – 1100	Sector Scoping & Gap Analysis Report Validation	UNESWA
1100 – 1120	**Tea Break**	**All Participants**
1120 – 1145	Overview of Data Needs for GHG Inventory Compilation	UNESWA
1145 – 1230	Introduction of Proposed Data Collection Templates	UNESWA
1230 – 1300	Stakeholder Engagement for Data Collection Templates Development - Livestock	UNESWA
1300 – 1400	**Lunch Break**	**All Participants**
1400 – 1630	Continuation of Stakeholder Engagement for Data Collection Templates Development - Livestock	UNESWA
1630 – 1645	**Tea Break**	**All Participants**
1645 – 1750	Stakeholder Engagement on Institutional Arrangements	UNESWA
1750 – 1800	**Closing Remarks**	**MTEA**

Day 2: Continuation of Templates Development and Drafting of a Data Collection Roadmap – 8th March 2022

Time	Activity	Responsibility
0830 – 0845	Recap	All Participants
0845 – 0900	Data Needs for Non-livestock sector	UNESWA
0900 – 1000	Stakeholder Engagement for Data Collection Templates Development – Non-livestock	UNESWA
1030 – 1100	**Tea Break**	**All Participants**
1100 – 1200	Stakeholder Engagement for Data Collection Templates Development – Non-livestock	UNESWA
1300 – 1400	**Lunch Break**	**All Participants**
1400 – 1500	Stakeholder Engagement on Institutional Arrangements	UNESWA
1500 – 1600	Stakeholder Engagement on a Data Collection Roadmap for the Agriculture Sector	UNESWA
1600 – 1615	Summary and Way forward	UNESWA
1615 – 1630	**Closing Remarks**	**MTEA**

Annex 2: List of Workshop Participants

List of participants

1. Jabu Myeni – Royal Eswatini Sugar Corporation (RESC)

2. Mphumelelo Ndlovu – Eswatini Sugar Association (ESA)

3. Patrick Mkhaliphi – ESA

4. Sipho Nkambule – Eswatini Cane Growers Association (ECGA) (Virtual)

5. Rex Brown – Private Consultant (Virtual)

6. Lesley Mapako – Kings Office Livestock (Virtual)

7. Paseka Malima – National Office, Ministry of Agriculture (MoA)

8. Deepa Pullanikatil – NDC National Coordinator

9. Wisdom Dlamini – CSER, UNESWA

10. Gcina Mavimbela – CSER, UNESWA

11. Maswati Dludlu – ESAFF Swaziland

12. Sifiso Msibi – Livestock and Veterinary Services (L&VS), Ministry of Agriculture (MoA)

13. Thapelo Hlatjwayo – L&VS, MoA

14. Daniel Dladla – Crops Development Department (CDD), MoA

15. Minky Groenewald – CCU, MTEA

16. Sandile Bhembe – CCU, MTEA

17. Saneliso Makhanya – ICAT Project Facilitator (CSER)

18. Jeconiah Msibi – Eswatini Cotton Board (ECB)

19. Luanne Stevens – GHGMI (Virtual)

20. Mike Bess – GHGMI (Virtual)

21. Samkele Tfwala – Consultant (CSER)

22. Sizwe Mabaso – Consultant (CSER)

23. Sandile Thwala – World Food Programme/WFP

24. Melusi Simelane – Central Statistics Office/CSO

25. Thandeka Ndlela – UNESWA