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ON AGRICULTURAL GREENHOUSE GASES

Livestock Research Group meeting

15-16 May 2018



**UNFCCC – opportunities
for LRG**

Koronivia joint work on agriculture

- **COP23 November 2017 adopted a decision called *Koronivia joint work on agriculture***
- **Decision requests the Subsidiary Body for Scientific and Technological Advice (SBSTA) and the Subsidiary Body for Implementation (SBI) to jointly address issues related to agriculture**
- **SBSTA is the body of the UNFCCC responsible for dealing with scientific and technical issues relating to climate change and its effects, technology, international cooperation in research and development, capacity building, amongst other things**
- **SBI is the body of the UNFCCC charged with dealing with implementation of Parties' commitments/actions, including their reporting of greenhouse gases (GHG Inventories) and policies and measures (National Communications, NDCs).**



United Nations
Climate Change



COP23 | FIJI

UN CLIMATE CHANGE CONFERENCE

BONN 2017-18



Koronivia joint work on agriculture (KJWA)

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Advancing previous work:

(a) Modalities for implementation of the outcomes of the five in-session workshops on issues related to agriculture and other future topics that may arise from this work;

New substantive work:

(b) Methods and approaches for assessing **adaptation, adaptation co-benefits and resilience**;

(c) Improved **soil carbon, soil health and soil fertility** under **grassland** and **cropland** as well as **integrated systems**, including **water management**;

(d) Improved **nutrient use** and **manure management** towards sustainable and resilient agricultural systems;

(e) Improved **livestock management** systems;

(f) **Socioeconomic** and **food security** dimensions of climate change in the agricultural sector



First meeting of KJWA

FCCC/SB/2018/L.1

Annex

Road map

Session	Activity
SBSTA/SBI 48 April–May 2018	Parties agree on the road map/agenda
Intersessional activities	Submissions on topic 2(a) ¹ (Modalities for implementation of the outcomes of the five in-session workshops on issues related to agriculture and other future topics that may arise from this work) by 22 October 2018
SBSTA/SBI 49 December 2018	Workshop with constituted bodies under the Convention ² on topic 2(a) (Modalities for implementation of the outcomes of the five in-session workshops on issues related to agriculture and other future topics that may arise from this work)
Intersessional activities	Preparation of workshop report by the secretariat on topic 2(a) (Modalities for implementation of the outcomes of the five in-session workshops on issues related to agriculture and other future topics that may arise from this work) Submissions on topics 2(b) (Methods and approaches for assessing adaptation, adaptation co-benefits and resilience) and 2(c) (Improved soil carbon, soil health and soil fertility under grassland and cropland as well as integrated systems, including water management) by 6 May 2019
SBSTA/SBI 50 June 2019	Workshops on topics 2(b) (Methods and approaches for assessing adaptation, adaptation co-benefits and resilience) and 2(c) (Improved soil carbon, soil health and soil fertility under grassland and cropland as well as integrated systems, including water management) Consideration of the workshop report on topic 2(a) (Modalities for implementation of the outcomes of the five in-session workshops on issues related to agriculture and other future topics that may arise from this work)
Intersessional activities	Preparation of workshop reports by the secretariat on topics 2(b) (Methods and approaches for assessing adaptation, adaptation co-benefits and resilience) and 2(c) (Improved soil carbon, soil health and soil fertility under grassland and cropland as well as integrated systems, including water management) Submissions on topic 2(d) (Improved nutrient use and manure management towards sustainable and resilient agricultural systems) by 30 September 2019
SBSTA/SBI 51 November 2019	Workshop on topic 2(d) (Improved nutrient use and manure management towards sustainable and resilient agricultural systems) Consideration of the workshop reports from topics 2(b) (Methods and approaches for assessing adaptation, adaptation co-benefits and resilience) and 2(c) (Improved soil carbon, soil health and soil fertility under grassland and cropland as well as integrated systems, including water management)
Intersessional activities	Preparation of workshop report by the secretariat on topic 2(d) (Improved nutrient use and manure management towards sustainable and resilient agricultural systems) Submissions on topics 2(e) (Improved livestock management systems, including agroecological production systems and others)

¹ Topic numbering refers to the paragraphs in decision 4/CP.23.

² Constituted bodies will contribute to the Konosivia joint work on agriculture in accordance with decision 4/CP.23, paragraph 1.

- SBSTA and SBI met in Bonn during first two weeks of May.
- Reached agreement to a KJWA Road Map to implement elements of the KJWA COP23 decision
- Provides certainty about timing of addressing the various elements of the COP23 KJWA decision
- Allows Parties to turn attention to the substantive work to be done

KJWA Road Map - inputs sought over next 2 years

- Parties and observers to submit on following topics:
 - Methods and approaches for assessing adaptation, adaptation co-benefits and resilience and improved soil carbon, soil health and soil fertility under grassland and cropland as well as integrated systems, including water management by **6 May 2019**.
 - Improved nutrient use and manure management towards sustainable and resilient agricultural systems by **30 September 2019**.
 - Improved livestock management systems, including agropastoral production systems and others) and socioeconomic and food security dimensions of climate change in the agricultural sector by **20 April 2020**.
 - Other topics by **28 September 2020**.
- Workshops to be conducted on each of the above topics at sessions of SBSTA and SBI immediately following date of submissions.

LRG supporting the KJWA

- LRG can make relevant information available to the KJWA through member countries including information in their Parties submissions
- LRG can work with its partners, e.g. FAO, CGIAR/CCAFS, CCAC, to make relevant information available in submissions by these observers
- Most relevant information where LRG is best positioned to provide would be advice on, e.g.:
 - How to improve livestock GHG inventories: emissions factors + activity data
 - Best practices that can reduce livestock emissions in short-term while maintaining food security, livelihoods, etc.
 - Most promising future practices and technologies for reducing emissions and the necessary steps to have these available for farmers at low cost
 - Advice or experience on developing policies and measures to reduce livestock emissions, including NDCs, NAMAs, other agricultural policies with impacts on GHGs.

An aerial photograph of a university campus. On the left is a tall, rectangular skyscraper with a grid of windows and a dark top section featuring two circular logos. On the right is a cylindrical skyscraper with a glass facade. The background shows a dense forest of green trees and rolling hills under a blue sky with scattered clouds. In the foreground, there are lower-rise buildings and parking lots.

Any questions?