

## **SBSTA 46 agenda item 5 – Issues relating to Agriculture**

Non-paper by the Co-facilitators / Version of 16 May 2017

An internal tool to assist Parties in their future deliberations on issues relating to agriculture<sup>1</sup>

### **1) Process for elaboration of issues relating to agriculture**

Parties initiated an in-depth analysis of the reports from its past five in-session workshops,<sup>2</sup> and agreed to continue their consideration on issues relating to agriculture focusing on these reports.

### **2) Issues under consideration**

#### **a) Advice to implementing bodies**

On capacity-building, the following topics were mentioned:

- Improvement of information systems, data generation and analysis for assessing vulnerability and resilience;
- Downscaling global climate models to local, national and regional levels, using most recent IPCC scenarios to support the assessment of climate change impacts;
- Develop and improve early warning and contingency planning;
- Conduct climate risk vulnerability assessments;
- Climate risk management;
- Climate information services, Information and Communication Technology (ICT) applications;
- Improve disaster risk reduction planning and implementation;
- Development of policies, indicators and tools for the implementation and monitoring of ecosystem-based adaptation;
- Enhancing cross-sectoral policy development and coordination; stakeholder engagement and training, including local communities, indigenous peoples and women;
- Enhancement of traditional knowledge sharing;
- Enhancement of the communication and perception of agricultural stakeholders of long term trends of climate variation in local and regional levels.

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<sup>1</sup> This document has no status, and serves as an internal tool for Parties to assist their further deliberations on issues relating to agriculture.

<sup>2</sup> The workshop reports are contained in documents FCCC/SBSTA/2014/INF.2, FCCC/SBSTA/2015/INF.6, FCCC/SBSTA/2015/INF.7, FCCC/SBSTA/2016/INF.5 and FCCC/SBSTA/2016/INF.6.

On technology transfer, the following topics were mentioned:

- Crop, livestock, silviculture, fisheries and integrated systems;
- Sustainable land management;
- Integrated soil and water management;
- Post harvesting and agro-processing;
- Integrated pest and disease management;
- Climate information services and Information and Communication Technology (ICT) applications;
- Early warning systems and contingency planning;
- Coastal management;
- Climate-related stressors;
- Salt-tolerant crop varieties;
- Tropical and temperate conservation agricultural and agroforestry systems;
- Biogas development.

#### **b) Work for SBSTA**

On identifying innovative, efficient and state of the art technologies and know-how the following topics were mentioned:

- Methods and approaches for assessing adaptation and resilience;
- Improved soil carbon, soil health and soil fertility under grassland and cropland systems;
- Improved nutrient use and manure management towards sustainable and resilient agricultural systems;
- Improved livestock management systems.

#### **c) Secretariat and others**

On work for the secretariat and others, the following topics were mentioned:

- Submissions by Parties, admitted observer organizations and other competent international bodies;
- A technical paper by the secretariat with an overview of the work being undertaken by other bodies and processes under the convention and related to synergies and gaps with relevance to the implementation of issues related to agriculture;
- The secretariat to organize in-session workshops, and to prepare workshop reports for consideration by the SBSTA, with the view for SBSTA to provide advice, as appropriate.