



ENHANCING THE PROFILE OF AGRICULTURE SECTORS IN THE CLIMATE CHANGE AGENDA

FAO has estimated that Greenhouse Gas (GHG) emissions from agriculture and land sectors amount to 21 percent of total global GHG emissions. If these emissions continue, in the long run, agriculture sectors worldwide will be negatively impacted. Combined with the goal of boosting food production by 60 percent to feed nine billion people by 2050, achieving emission reductions in agriculture and land use is the defining challenge for these sectors. Against this background, there was an urgent demand to address capacity gaps and needs, to showcase how countries address and monitor the progress of climate change in agriculture and land sectors, and to provide a platform for exchange among decision-makers, technical experts and implementers, to lay the groundwork for successful interventions. The project aimed to help mobilize ambition and actions in the agriculture and land sectors in relation to climate change; in particular as part of the implementation of the United Nations Framework Convention on Climate Change (UNFCCC) Paris Agreement, during the critical pre-2020 period; as well as the long-term goal of carbon neutrality by 2050.



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WHAT DID THE PROJECT DO?

The project activities contributed to enabling a network of countries and contributing partners to develop the knowledge exchange platform for the agriculture and land sector under climate change (CL-Hub), and to exchange lessons learned, in order to improve knowledge towards agriculture sectors' climate action, including nationally determined contributions (NDCs). These activities included the identification of relevant tools related to climate action in agriculture, and knowledge-sharing options that worked best in practice and addressed technical and capacity gaps and needs. Around 200 already existing and relevant case studies, data and tools were collected to form the basis of the CL-Hub online platform. Knowledge products were improved to facilitate the application of data, technical guidelines, and reporting requirements, and complement already available material. Online dialogues, webinars and/or regional workshops were organized to foster the exchange of lessons learned among the network of countries and contributing partners, and to build capacities in applying the available guidelines and tools. A follow-up project funded by Germany (GCP/GLO/966/GER) will complement and fully operationalize the CL-Hub.

IMPACT

The project contributed to improving sustainable development and food security through enhanced resilience to climate change in agriculture sectors, by strengthening countries' capacities to implement adaptation and mitigation actions.

KEY FACTS

Contribution

USD 590 319

Duration

10 November 2017 – 31 December 2018

Resource Partner

Government of Germany

Partners

Federal Ministry for Food and Agriculture of Germany (BMEL)

Beneficiaries

Policy-makers; agriculture negotiators; national coordinators for reporting to the United Nations Framework Convention on Climate Change (UNFCCC); technical experts for national Greenhouse Gas (GHG) inventory and national planners; especially focusing on agriculture, forestry, fisheries, environment and/or climate change, from developing countries that are FAO Member Nations and party to the UNFCCC, seeking to implement the agricultural components of their nationally determined contributions (NDCs)

ACTIVITIES

- In-depth analysis of 38 knowledge exchange platforms was carried out; the results showed the need for a platform that specifically focused on building capacities for climate change action in the agriculture and land sectors, including for NDC implementation.
- A stakeholder consultation was organized to identify relevant tools relating to climate action in agriculture, and knowledge-sharing options that addressed technical and capacity gaps and needs, which was attended by 43 participants.
- A FAO internal stakeholder consultation was conducted, to test the structure of the prototype and verify the categorization of individual resources; in addition, resources were analysed by FAO technical experts for gaps and improvements.
- The Modelling System for Agricultural Impacts of Climate Change (MOSAICC) was worked on by the project team, to review the tool and its presentation in the structure of the CL-Hub, and the potential improvements to be made to the supplementary material.
- The project exchanged with relevant networks of countries and other stakeholders, including: i) the Thematic Working Group on Agriculture, Food Security and Land Use; ii) the Koronivia Community, comprising agricultural experts from countries involved in the negotiation process of the Koronivia Joint Work on Agriculture (KJWA); and iii) the Partnership on Transparency in the Paris Agreement.



Project Code

FAO: GCP/GLO/875/GER
Donor: GER-FAO-2017-5

Project Title

Knowledge exchange platform for the agriculture and land sector under climate change

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