



PROJECT IMPLEMENTATION PLAN

Reference No.: 125

Date of Issue	21 June 2023
Project Code	23-RC-25-GE-COE-C-JP01
Title	Need and Readiness Assessment Survey for Implementing Climate-change Mitigation and Adaptation Technologies in Agriculture
Timing	22 June 2023–30 November 2023
Hosting Country(ies)	APO Secretariat
Venue City(ies)	Not Applicable
Modality	Hybrid In-country
Implementing Organization(s)	National Agriculture and Food Research Organization and APO Secretariat
Participating Country(ies)	Bangladesh, Republic of China, India, Indonesia, Republic of Korea, Malaysia, Pakistan, Philippines, Sri Lanka, Thailand, Vietnam
Overseas Participants	Not Applicable
Local Participants	Not Applicable
Closing Date	28 July 2023
Remarks	The above deadline is for nomination of national resource persons.

Objectives	Review the priority needs of member countries for developing and strengthening technical knowledge and skills related to climate-smart agriculture (CSA) technologies to reduce greenhouse gas (GHG) emissions and improve food security in the region.
Rationale	The future of food production and global food security is under threat due to climate change generated by anthropogenic GHG emissions including those from agricultural activities. For more sustainable farming practices and higher agricultural productivity with reduced GHG emissions, the introduction and replication of climate-friendly agricultural practices and smart technologies are necessary.
Background	The agriculture sector in the Asia-Pacific region is vital for overall economic development. The adoption and implementation of advanced CSA technologies are crucial to achieve low-carbon food production and minimize the effects of climate change on food security. The National Agriculture and Food Research Organization (NARO) of Japan is the newly designated APO Center of Excellence (COE) on CSA to improve agricultural productivity, increase farmers' profits, and reduce GHG emissions across the region.
Topics	Identification of CSA stakeholders, their needs, and efforts for GHG reduction and absorption; Overall status of policy development and implementation related to GHG reduction in agriculture; and Status of specific efforts in the implementation of CSA technologies.
Outcome	Needs and readiness of APO members for implementing climate-change mitigation technologies in agriculture are identified and plans for strengthening CSA in APO members are generated.
Qualifications	Policymakers in agriculture-related fields, agricultural professionals and practitioners, agriculture-related NGOs, CEOs and managers of agribusinesses, and researchers working in the field of CSA.

Please refer to the implementation procedures circulated with this document for further details.



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