



PROJECT IMPLEMENTATION PLAN

Reference No.: 519

Date of Issue	14 January 2025
Project Code	24-RC-23-GE-COE-C-TH01
Title	Capacity-building Workshop on Carbon Credit Methodology for Biochar and Other Carbon Dioxide Removal
Timing	26 February 2025–27 February 2025
Hosting Country(ies)	Thailand
Venue City(ies)	Bangkok
Modality	Hybrid
Implementing Organization(s)	National Agriculture and Food Research Organization, Thailand Ministry of Agriculture and Cooperatives, Thailand Productivity Institute, and APO Secretariat
Participating Country(ies)	Bangladesh, Republic of China, India, Indonesia, Republic of Korea, Malaysia, Pakistan, Philippines, Sri Lanka, Thailand, and Vietnam
Overseas Participants	Not Applicable
Local Participants	Not Applicable
Closing Date	Not Applicable
Remarks	Face-to-face project implementation involves up to six resource persons (RPs) from the Center of Excellence (COE) on Climate-smart Agriculture (CSA), 10 international RPs, and two local resource persons. Local participants, officials, and researchers may attend on a self-financed basis. Other RPs will join online, and there will be no international participants.

Objectives	Deepen understanding of the role of carbon crediting in mitigating the effects of climate change; enhance agricultural resilience and productivity; and equipping participants with the technical knowledge to create and apply carbon credit methodologies to their local agricultural systems.
Rationale	National Agriculture and Food Research Organization (NARO) Japan and the APO Center of Excellence on Climate Smart Agriculture (COE on CSA) is committed to share its extensive knowledge and expertise with the region, specifically in the areas of methane emission reductions in paddy fields through water management, soil carbon sequestration, and the visualization and application of carbon credit methodologies that can be adapted to different agricultural contexts across Asia. The adoption of carbon credit methodologies within the agriculture sector presents a promising solution for reducing emissions while improving productivity and resilience.
Background	The COE on CSA hosted by NARO has been implementing a range of activities to promote and scale up the adoption of CSA technologies. A comprehensive need and readiness assessment of APO members was conducted, identifying key priorities for intervention. This culminated in an international conference and report publication, which highlighted soil carbon visualization techniques and carbon credit methodologies to be disseminated among participating members. Thailand was selected as the pilot country for the initial implementation of these innovative technologies. The first capacity-building workshop on soil carbon visualization was held in Japan in October 2024. Building on that success, the second workshop will focus on carbon crediting methodologies, expanding participants' expertise to include cutting-edge technologies for biochar production and carbon dioxide removal (CDR). It is essential to enable farmers, policymakers, and business leaders to understand and adopt carbon credit methodologies that align with their local contexts.
Topics	Overview of the carbon credit situation and need for biochar in Thailand's agriculture sector; J-credit methodology for biochar in Japan; Global status of CDR and biochar; Introduction of Japanese production technologies; Research results on Asian biochar raw materials; Status of carbon credit trading in Japan; Status of biochar production and research in Thailand; Suggestions for developing a methodological draft; and Panel discussion on carbon credit methodology.
Outcome	Understanding of the role of carbon crediting in mitigating the effects of climate change while enhancing agricultural resilience and productivity; and participants have the technical knowledge to create and apply carbon credit methodologies to local agricultural systems.
Qualifications	Experts/researchers affiliated with the COE on CSA working on carbon credit methodologies; local stakeholders in Thailand responsible for policymaking and implementing CSA and carbon crediting methodologies; researchers affiliated with universities; international RPs from APO members involved in the pilot project; and local RPs from the Thailand Greenhouse Gas Management Organization (TGO) and Thailand Ministry of Agriculture and Cooperatives.

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

A handwritten signature in black ink, appearing to be 'I. Pradana Singawinata', written in a cursive style.

Dr. Indra Pradana Singawinata
Secretary-General