



PROJECT NOTIFICATION

Reference No.: 368

Date of Issue	21 August 2024
Project Code	24-CP-47-GE-WSP-A
Title	Workshop on Productive Livestock Farming for Reducing Greenhouse Gas Emissions
Timing	3 December 2024–5 December 2024
Hosting Country(ies)	Nepal
Venue City(ies)	Not Applicable
Modality	Online
Implementing Organization(s)	National Productivity and Economic Development Centre and APO Secretariat
Participating Country(ies)	All Member Countries
Overseas Participants	38
Local Participants	12
Closing Date	15 November 2024
Remarks	Not Applicable

Objectives	Learn about the latest innovations in livestock farming that contribute to the reduction of greenhouse gas (GHG) emissions; understand policies and ecosystems to support the adoption of those innovations; and discuss how to disseminate and adapt them in APO members.
Rationale	Improving livestock productivity directly contributes to reducing GHG emissions. By adopting innovative technologies and practices, farmers can reduce inputs such as land, feed, and water while improving productivity. Technologies also help to reduce gas emissions from livestock.
Background	<p>Global livestock production contributes approximately 14.5% of all anthropogenic GHG emissions, with cattle being the largest contributors, followed by pigs, buffalo, and chickens (FAO, 2023). Enhanced productivity in livestock farming through innovation is vital to reducing these emissions and achieving sustainability in the sector.</p> <p>APO members face significant challenges in balancing livestock productivity with environmental sustainability. High GHG emissions from traditional farming practices, combined with resource constraints, necessitate a shift to more efficient, eco-friendly methods. Addressing these issues requires the adoption of innovative approaches tailored to the specific conditions of each member.</p> <p>This workshop will discuss the latest advances in livestock farming, including innovative technologies, practices, policies, and ecosystem development to support GHG emission reduction. Participants will explore strategies for implementing these innovations in APO members.</p>
Topics	Roles and responsibilities of livestock farmers in lowering GHG emissions; Recent technologies and techniques to reduce GHG emissions in livestock production; Policies, regulations, and ecosystems to encourage sustainable livestock farming; and Animal-specific case studies.
Outcome	Participants understand key methods to reduce GHG emissions in livestock farming without sacrificing productivity and develop national or regional plans to contribute to lower GHG emissions through innovative livestock production approaches.
Qualifications	Government officials, policymakers, executives of farmers'/agribusiness associations, academics, and consultants involved in livestock management.

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



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