PROJECT NOTIFICATION

Reference No.: 216

Date of Issue	23 October 2023
Project Code	23-CP-12-GE-OSM-A
Title	Multicountry Observational Study Mission on Smart Poultry Farming
Timing	23 January 2024–25 January 2024
Hosting Country(ies)	Thailand
Venue City(ies)	Bangkok
Modality	Face-to-face
Implementing Organization(s)	Thailand Productivity Institute
Participating Country(ies)	All Member Countries
Overseas Participants	38
Local Participants	12
Closing Date	24 November 2023
Remarks	This PN supersedes the one issued on 7 June 2023 (Ref. No. 124) due to the change in the timing from 10 October 2023–12 October 2023 to 23 January 2024–25 January 2024. The closing date has been set on 24 November 2024 for new nomination(s), if any, for additional selection of participant(s) to fill the vacant slots.

Objectives	Observe applications of smart farming technologies in the poultry, dairy, and other livestock subsectors through site visits; understand enabling policies and ecosystems to accelerate smart farming; and discuss the adoption of smart poultry farming methods focusing on small farmers in member economies.
Rationale	Smart technologies, the IoT, and associated digital technologies assist precision livestock farming and improve productivity. In addition, they contribute to environmentally sustainable livestock production by reducing inputs and waste. This project will contribute to smart transformation and Green Productivity initiatives under the APO's Vision 2025.
Background	The UN FAO reported in 2019 that the global demand for livestock products was anticipated to double by 2050, mainly in developing countries. The sector must therefore meet future demand, ensure consistent quality, and achieve sustainability without causing irreparable environmental damage. Poultry is a critical segment to enhance productivity in livestock farming because of the growing demand for its meat and eggs and increasing market value in the Asia-Pacific region. Dairy farming is also a critical segment considering market demand and involvement of small farmers as the majority of producers in the region. Productivity in these two subsectors must therefore be improved. Smart technologies in poultry, dairy, and other livestock management are evolving, primarily in large cooperatives. Further efforts are required for their adoption among small farmers who often lack financial resources and know-how. This study mission will examine how to promote smart livestock management in APO member economies.
Topics	Site visits to poultry, dairy, and other livestock farms to view the latest adoptions of smart technologies; an R&D institute; and an institute involved in setting policies and frameworks to develop ecosystems to advance smart livestock farming; and group discussions on promoting smart livestock farming in APO members.
Outcome	Participants will understand the advantages and best practices of smart technology adoption in livestock farming and learn from discussions on how to promote smart livestock farming, particularly among small farmers in the Asia-Pacific.
Qualifications	Officials of government agencies and public institutes, academics, and senior representatives of SMEs involved in developing and adopting smart poultry and other livestock farming technologies and policies.

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

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Secretary-General