PROJECT NOTIFICATION

Reference No.: 371

Date of Issue	24 May 2024
Project Code	24-CP-14-GE-DLN-A
Title	APO e-Course on Smart Poultry Farming
Timing	20 December 2024
Hosting Country(ies)	APO Secretariat
Venue City(ies)	Not Applicable
Modality	Digital Learning
Implementing Organization(s)	APO Secretariat
Participating Country(ies)	Open
Overseas Participants	Not Applicable
Local Participants	Not Applicable
Closing Date	Not Applicable
Remarks	Timing is the launch date of the e-course.

Objectives	Introduce key concepts and applications of smart farming technologies in poultry production; learn about the digitalization of small-scale farming; and understand the implementation of smart farming methods for poultry production.
Rationale	Poultry is a critical segment to enhance productivity in livestock because of the demand for its meat and eggs and market value in the Asia-Pacific region. Recent digital innovations enable more productive, efficient poultry management with less environmental impact. This course contributes to smart transformation under the APO Vision 2025.
Background	The UN FAO reported in 2019 that the global demand for livestock products was anticipated to double by 2050, most of which was expected in developing countries. The sector must therefore meet future demand, ensure consistent quality, and achieve sustainability without causing irreparable damage to the environment. Poultry is an important source of protein for many people in the Asia-Pacific, where it is widely consumed and affordable. It provides employment and income in rural areas, but further productivity improvement must be made to raise efficiency and economy in sustainable ways. The APO has conducted a series of projects on smart livestock farming, such as the workshop on IoT Applications in Livestock Management in 2023 and multicountry observational study mission on Smart Poultry Farming in 2024. This e-course will incorporate the learning from those projects to introduce smart technologies and management methodologies through digitalization and mechanization for precision poultry farming.
Topics	Overview of smart poultry farming; Applications of smart technologies in large- and medium-scale operations; Applications in small-scale farming; Steps for digitalization in small-scale farming; and Outlook for smart poultry farming and its contribution to sustainability.
Outcome	Participants will acquire knowledge of the latest smart technologies and techniques for poultry farming on different operational scales and learn key steps and considerations to adopt smart technologies to establish sustainable, productive poultry operations.
Qualifications	Open to all participants in members and nonmembers.

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

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Secretary-General