



PROJECT IMPLEMENTATION PLAN

Reference No.: 542

Date of Issue	24 January 2025
Project Code	24-SN-04-GE-DMP-C-KH01
Title	Green Productivity Application through Environmental Management Systems in the Manufacturing Sector
Timing	1 November 2024–31 July 2025
Hosting Country(ies)	Cambodia
Venue City(ies)	Phnom Penh
Modality	Hybrid In-country
Implementing Organization(s)	National Productivity Centre of Cambodia and APO Secretariat
Participating Country(ies)	Cambodia
Overseas Participants	Not Applicable
Local Participants	Not Applicable
Closing Date	Not Applicable
Remarks	This PIP supersedes the one issued on 11 October 2024 (Reference No. 484) to update the project timing, rationale, background, and topics.

Objectives	Establish demonstration companies on Green Productivity (GP) in the manufacturing sector through the implementation of environmental management systems (EMS) based on ISO 14001:2015; showcase GP benefits in ensuring legal compliance, achieving environmental objectives, building trust and reputation, and contributing to environmental protection; and use the results as benchmarks for other APO members to adopt similar GP practices.
Rationale	An EMS is crucial to mitigate adverse environmental impacts including air quality, greenhouse gas emissions, water use, and waste management. EMS implementation drives productivity improvement and operational efficiency, strengthens business competitiveness, contributes to national sustainable development goals, and aligns industrial growth with environmental stewardship.
Background	<p>The manufacturing sector is vital to Cambodia's economy and has seen steady growth over the last decade. In 2022, it contributed approximately 19% to GDP and created around one million jobs. However, this rapid growth also underscored the challenges of balancing productivity enhancement with environmental sustainability. As Cambodia pushes forward with its 2021 Circular Economy Strategy and Action Plan, the need to reshape the sector's future becomes more pressing.</p> <p>To remain competitive and sustainable, manufacturers must integrate environmental stewardship with traditional productivity measures. Adopting an EMS based on ISO 14001:2015 can achieve this balance by providing a comprehensive framework for reducing waste, optimizing resources, and ensuring regulatory compliance.</p> <p>This DMP project will support four Cambodian manufacturing companies in establishing ISO 14001:2015-compliant EMS and implementing GP practices, showcasing sustainable productivity improvements for replication in other members.</p>
Topics	Review of management system documentation; Analysis of current challenges in implementing ISO 14001:2015 and other GP practices; Training on ISO 14001:2015 and its certification; and Consultancy on the development and implementation of EMS meeting the ISO 14001:2015 requirements and other related GP practices.
Outcome	Demonstration companies establish ISO 14001:2015-compliant EMS; processes and results of GP implementation through EMS are disseminated; reference benchmarks for GP practices in manufacturing are set; and NPO staff's knowledge and capacity for providing EMS consultancy and training are enhanced.
Qualifications	<p>This project will be implemented in the following demonstration companies:</p> <ul style="list-style-type: none"> - Cambodian Chemical Supply Co., Ltd. - ELIZA HUB MFG CO., LTD. - K&K Pipe (Cambodia) Co., Ltd. - Kirirom Food Production (K.F.P.) Co., Ltd.

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