



PROJECT IMPLEMENTATION PLAN

Reference No.: 503

Date of Issue	9 December 2024
Project Code	24-SN-04-GE-DMP-C-PK01
Title	Productivity Enhancement through Resource Efficiency in the Printing and Packaging Industry
Timing	9 December 2024–9 June 2025
Hosting Country(ies)	Pakistan
Venue City(ies)	Lahore
Modality	Hybrid In-country
Implementing Organization(s)	National Productivity Organization, Pakistan and APO Secretariat
Participating Country(ies)	Pakistan
Overseas Participants	Not Applicable
Local Participants	Not Applicable
Closing Date	Not Applicable
Remarks	Not Applicable

Objectives	Establish demonstration companies on productivity enhancement through resource efficiency in the printing and packaging industry; showcase benefits of productivity tools in optimizing resources and improving overall performance; and use the results as benchmarks for other APO members to adopt similar productivity practices.
Rationale	Resource efficiency is vital for productivity in Pakistan’s printing and packaging industry amid rising raw material and energy costs, exacerbated by high dependence on imports. By optimizing material and energy use, companies can minimize waste, reduce expenses, and improve operations for higher output and efficiency. This boosts competitiveness and sustainability, supporting long-term growth.
Background	<p>The printing and packaging industry in Pakistan is crucial, serving as a backbone supplier to key sectors like food, textiles, etc. It is also the second largest employment-providing industry in the country, contributing approximately 1.84% to the GDP.</p> <p>However, with moderate domestic production, the industry relies heavily on imported raw materials and equipment. This not only exposes it to fluctuating international prices and supply chain disruptions but also limits its ability to adopt more efficient, localized alternatives, ultimately constraining productivity growth and innovation.</p> <p>Resource efficiency, by optimizing material and energy use, offers a solution to reduce waste, lower costs, and enhance productivity. This is vital for staying competitive in a global market focused on sustainability. This DMP will help six companies under the Pakistan Association of Printing and Graphic Arts Industry (PAPGAI) identify productivity challenges and improve resource efficiency for sustainable growth and resilience.</p>
Topics	Assessment of current situation and analysis of productivity challenges and opportunities for the demonstration companies; Development of targets and improvement strategy in resource efficiency for each company; Training and consultancy on related productivity tools such as lean, kaizen, 5S, and Six Sigma; and Measurements of success and recommendations for sustainability and replication.
Outcome	Demonstration companies in the printing and packaging sector enhance productivity practices through resource efficiency; improved demonstration company productivity; and strengthened knowledge and capacity of demonstration companies and NPO staff in applying resource management productivity tools.
Qualifications	<p>This project will be implemented in the following demonstration companies:</p> <ul style="list-style-type: none"> - Ensure Printing & Packaging - Makhdoom Printing Press Pvt. Limited - Pakistan International Printers (Pvt.) Ltd. - Shannza Pvt. Ltd. - United Art Printers - Vivid Packaging (Pvt.) 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