



## PROJECT NOTIFICATION

Reference No.: 120

<b>Date of Issue</b>	10 May 2023
<b>Project Code</b>	22-CP-56-SP-TRC
<b>Title</b>	Development of a Training Manual on Digital Manufacturing
<b>Timing</b>	10 May 2023–30 April 2024
<b>Hosting Country(ies)</b>	APO Secretariat
<b>Venue City(ies)</b>	Not Applicable
<b>Modality</b>	Hybrid In-country
<b>Implementing Organization(s)</b>	China Productivity Center, Japan Productivity Center, and APO Secretariat
<b>Participating Country(ies)</b>	Not Applicable
<b>Overseas Participants</b>	Not Applicable
<b>Local Participants</b>	Not Applicable
<b>Closing Date</b>	Not Applicable
<b>Remarks</b>	Not Applicable

<b>Objectives</b>	Develop an APO training manual for consultants/trainers on digitalization for SMEs in the manufacturing sector; use the manual as a guide in APO training courses on digitalization in the manufacturing sector; and develop a new cadre of productivity practitioners in member economies equipped with the knowledge, skills, and ability to guide SMEs toward digitalization.
<b>Rationale</b>	Digital transformation is a key to sustain businesses and increase productivity. The pandemic accelerated that transformation, including SMEs in the manufacturing sector. New skills and competencies for productivity experts or consultants are therefore required to guide companies on this transformational journey. Hence, its timely for the APO to develop a new course manual on this topic.
<b>Background</b>	<p>The APO has organized a series of capacity-building projects to develop productivity specialists. The contents were mainly developed based on conventional productivity tools and techniques in conducting company diagnosis and providing recommendations for improvement. With digitalization now essential to sustain productivity, it is crucial for productivity practitioners to upgrade their knowledge and capability.</p> <p>With the support of a special cash grant from the Government of the ROC, the APO will collaborate with the China Productivity Center (CPC) and Japan Productivity Center (JPC) to develop new modules and a training manual to enhance the capability of productivity practitioners by adding knowledge on digital tools and applications. As the CPC is the APO Center of Excellence on Smart Manufacturing, and the JPC hosts the training course on Digital Manufacturing for SMEs, this new manual will provide guidance in combining digital technology and productivity tools and techniques.</p>
<b>Topics</b>	The manual will consist of the following chapters: Basic concepts and terminology of the IoT; Understanding kaizen and IoT applications; Case studies of kaizen and the IoT; Technology: Data acquisition and storage through sensors, visualization, analysis, and system construction; and Project management tools.
<b>Outcome</b>	Productivity practitioners acquire knowledge of digitalization for SMEs and consulting methods on utilizing digital technology, enabling them to provide guidance on using digital technology and productivity tools and techniques and enabling NPOs to conduct training using the manual as guidance.
<b>Qualifications</b>	Not Applicable

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



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