



PROJECT NOTIFICATION

Reference No.: 88

Date of Issue	30 March 2023
Project Code	23-CP-07-GE-TRC-A
Title	Training Course on IoT Applications for SMEs
Timing	24 July 2023–28 July 2023
Hosting Country(ies)	Republic of China
Venue City(ies)	Taipei
Modality	Face-to-face
Implementing Organization(s)	China Productivity Center
Participating Country(ies)	All Member Countries
Overseas Participants	19
Local Participants	6
Closing Date	2 June 2023
Remarks	Not Applicable

Objectives	Develop an understanding of how applications of the industrial IoT can support SMEs in productivity improvement and digital transformation; impart knowledge on the IoT, data, and robotics through hands-on experience; and encourage the initiation of digital upgrading in APO members.
Rationale	Developing SMEs and assisting in their smart transformation are two major focuses of the APO's Vision 2025. Recognizing digitization and connectivity as fundamental elements of digital transformation of businesses, this training course aims to encourage digital upgrading in SMEs through disseminating knowledge on the IoT and practical steps for adopting IoT technologies.
Background	<p>Connecting machines and devices physically and digitally is the foundation of smart manufacturing and one of the first steps in digital transformation. The IoT can help to collect and share data generated in all business processes and is effective in monitoring quality, optimizing operations, and thus improving productivity. The adoption of the IoT has become an indispensable step for businesses to stay competitive.</p> <p>As IoT technologies become more accessible, SMEs are in better positions to embrace simple, effective IoT applications. However, many do not have enough expertise to deploy IoT technologies or strategies for using data and connectivity, as indicated in a 2022 WEF report. Assisting SMEs in understanding IoT technologies and initiating IoT adoption is thus necessary for effective digital transformation in industries.</p> <p>This training course aims to share trends and examples of IoT applications in SMEs and enhance participants' understanding of how the IoT can be used to strengthen their productivity.</p>
Topics	IoT trends and applications; Data analytics and the IoT; Information security and smart factories; Business use cases; and Hands-on exercises.
Outcome	Awareness of digital transformation in SMEs is increased; steps in initiating IoT applications in SMEs are identified and applied; and the level of adoption of IoT technologies in SMEs is increased.
Qualifications	SME executives, representatives of industrial associations, consultants and productivity practitioners in manufacturing management and digitization, and government officials and policy research officers involved in industrial policy and development strategies for the SME and manufacturing sectors.

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



Dr. Indra Pradana Singawinata
Secretary-General