PROJECT NOTIFICATION

Reference No.: 412

Date of Issue	26 June 2024
Project Code	24-CP-06-GE-DLN-A
Title	APO e-Course on IoT Applications for SMEs
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 target launch date of the e-course.

Objectives	Disseminate fundamental concepts and knowledge of the IoT and how it can assist SMEs in improving their productivity; develop an understanding of how the IoT and using data contribute to SME digital transformation; and encourage the initiation of digital upgrading in SMEs.
Rationale	Assisting smart transformation and developing SMEs in APO members are two major focuses of the APO Vision 2025. As connectivity, digitization, and data have been recognized as key elements for digital transformation, this e-course aims to contribute to SME digital transformation through imparting fundamental knowledge of the IoT and connectivity.
Background	Connecting machines and devices physically and digitally and acquiring information in digital formats are the foundation of smart manufacturing and one of the first steps in digital transformation. The IoT enables devices to communicate with each other and other internet-connected devices, creating a network that can collect and exchange data and perform tasks autonomously. Therefore, IoT adoption has become an indispensable step for businesses to digitalize and stay competitive. Nonetheless, as indicated in a 2024 WEF report, the adoption of the IoT and digital technologies in SMEs remains significantly slower than in large enterprises and the capability to use data and sensor-enabled devices remains limited. Assisting SMEs in understanding IoT technologies and initiating IoT adoption is thus necessary for effective digital transformation. This e-course will disseminate fundamental concepts and knowledge of the IoT to assist SMEs in initiating their digital upgrading.
Topics	The IoT and digital transformation; IoT trends, technologies, and applications; The IoT and data analytics; Adopting the IoT in SMEs; and Business use cases.
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 enhanced.
Qualifications	Open to all participants in APO members and nonmembers.

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

Dr. Indra Pradana Singawinata
Secretary-General