PROJECT NOTIFICATION

Reference No.: 312

Date of Issue	19 February 2024
Project Code	24-CP-62-GE-TRC-A
Title	Training Course on Big Data Analytics and Data Visualization for Productivity
Timing	10 June 2024–14 June 2024
Hosting Country(ies)	Turkiye
Venue City(ies)	Ankara
Modality	Face-to-face
Implementing Organization(s)	Department for Productivity Implementations, Ministry of Industry and Technology, Turkiye
Participating Country(ies)	All Member Countries
Overseas Participants	19
Local Participants	12
Closing Date	15 April 2024
Remarks	Not Applicable

Objectives	Highlight the importance of using data and related methodologies and technologies for informed decision-making; impart fundamental knowledge of data analytics and visualization and their implications for business operations; and strengthen the capabilities of the workforce for innovation and productivity enhancement.
Rationale	The APO Vision 2025 identified data analytics and visualization as core drivers of smart transformation in all sectors and enterprises of different sizes. To continue the APO's focus on smart transformation, this training course will enhance business productivity by building capabilities in using data and related technologies for digital upgrading.
Background	Data analytics involve the collection, organization, analysis, and visualization of data, enabling organizations and individuals to observe patterns, understand situations, make predictions, and make informed decisions. With timely information gathered by sensors and the internet and continuously enhanced computing power, big data analytics and AI can strengthen the capacity to analyze, interpret, forecast, and prescribe solutions for better performance and productivity. A WEF report in 2024 highlighted the importance of upskilling and reskilling for harnessing the benefits and reducing the risks of disruptive technologies such as generative AI. This training course will share knowledge on the foundations of and tools for data analytics and visualization and big data to assist APO members in their digital transformation.
Topics	Data and digital transformation; Big data and data-related technologies; Applications of data science in business operations; Data-driven decision-making and business models; Data ethics and information security; Data collection and processing; and Visualization of data analysis.
Outcome	More businesses adopt data-enabled operational optimization and management; business productivity is raised through data-driven strategies; and higher levels of business readiness for digital upgrading are achieved.
Qualifications	Business executives and representatives of industrial associations, consultants and productivity practitioners with experience in SME and manufacturing management, and government officials and policy researchers involved in industrial policy and development strategies for SME and manufacturing sectors with basic knowledge of statistics and business analytics and access to Microsoft Excel or Google Sheets.

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

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Secretary-General