



## PROJECT IMPLEMENTATION PLAN

Reference No.: 255

|                                     |                                                                                                                                                                                                                      |
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| <b>Date of Issue</b>                | 15 December 2023                                                                                                                                                                                                     |
| <b>Project Code</b>                 | 23-RC-25-GE-COE-C-IN01                                                                                                                                                                                               |
| <b>Title</b>                        | Consultation Program and Training of Trainers (ToT) on Artificial Intelligence (AI) Tools and Technologies for SMEs toward Responsible Digital Transformation                                                        |
| <b>Timing</b>                       | 8 January 2024–19 January 2024                                                                                                                                                                                       |
| <b>Hosting Country(ies)</b>         | India                                                                                                                                                                                                                |
| <b>Venue City(ies)</b>              | New Delhi                                                                                                                                                                                                            |
| <b>Modality</b>                     | Hybrid                                                                                                                                                                                                               |
| <b>Implementing Organization(s)</b> | National Productivity Council, India and APO Secretariat                                                                                                                                                             |
| <b>Participating Country(ies)</b>   | India                                                                                                                                                                                                                |
| <b>Overseas Participants</b>        | Not Applicable                                                                                                                                                                                                       |
| <b>Local Participants</b>           | 40                                                                                                                                                                                                                   |
| <b>Closing Date</b>                 | Not Applicable                                                                                                                                                                                                       |
| <b>Remarks</b>                      | The program comprises an online consultation to strengthen the APO COE on IT for Industry 4.0 and a face-to-face training course for officers of the NPC, India, responsible for managing activities of the APO COE. |

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| <b>Objectives</b>     | Equip officers of the NPC, India, to effectively train professionals and workers in the manufacturing industry on the concepts and applications of Industry 4.0, AI, and other advanced technologies for smart manufacturing; strengthen the capacity of the APO COE on IT for Industry 4.0; improve the APO Knowledge Management Framework to include AI; and develop a roadmap to disseminate, test, and measure the new competencies related to AI through pilot projects for SMEs in APO members.                                                                                                                           |
| <b>Rationale</b>      | The COE on IT for Industry 4.0 supports industries in APO members to become more competitive and productive in the global digital economy. It identifies methods to bridge gaps hindering the adoption of Industry 4.0 tools and technology. Continuous scaling up of COE performance will align its activities with the desired level of excellence while bridging knowledge gaps and upskilling the workforce.                                                                                                                                                                                                                |
| <b>Background</b>     | The COE on IT for Industry 4.0 aspires to improve productivity through capacity building of stakeholders and facilitating technology startups to demonstrate projects and research activities by widespread dissemination of the use of IT applications in Industry 4.0. This consultation and ToT program will expand the knowledge and capacity of NPC officers responsible for COE activities to become qualified trainers in disseminating knowledge on the applications of Industry 4.0, AI, and other advanced technologies, contributing to their successful adoption and integration in the smart manufacturing sector. |
| <b>Topics</b>         | AI tools and technologies for responsible digital transformation; AI learning platform; Generative AI tools for digital transformation of manufacturing; People, culture, and knowledge networks; AI tools installation and usage; and hands-on AI experience.                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Outcome</b>        | NPC officers are equipped to conduct training on adoption of AI tools and other advanced technologies for smart manufacturing by SMEs; capacity of the COE is strengthened; and know-how on emerging tools and technologies is disseminated to other APO members by NPC trainers.                                                                                                                                                                                                                                                                                                                                               |
| <b>Qualifications</b> | NPC officers responsible for conducting COE activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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



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