



## PROJECT NOTIFICATION

Reference No.: 113

<b>Date of Issue</b>	3 August 2023
<b>Project Code</b>	22-IP-05-GE-DLN-A
<b>Title</b>	APO e-Course on Regulating Emerging Technologies
<b>Timing</b>	20 November 2023
<b>Hosting Country(ies)</b>	APO Secretariat
<b>Venue City(ies)</b>	Not Applicable
<b>Modality</b>	Digital Learning
<b>Implementing Organization(s)</b>	APO Secretariat
<b>Participating Country(ies)</b>	Open
<b>Overseas Participants</b>	Not Applicable
<b>Local Participants</b>	Not Applicable
<b>Closing Date</b>	Not Applicable
<b>Remarks</b>	Timing is the target launch date of the e-course. This PN supersedes the prior PN issued on 31 May 2022 (Ref. No.: 22-IP-05-GE-DLN-A-PN2200056-002) due to the change in the launch date and adjustment of the objectives and topics.

<b>Objectives</b>	Enhance participants' knowledge of the principles, mechanisms, and practices of regulating emerging technologies; learn about policies on regulating emerging technologies for improving innovation, competitiveness, and welfare; and understand the rationale behind regulating emerging technologies to propel development and ensure health, safety, and well-being.
<b>Rationale</b>	The rapid development of emerging technologies such as AI has created enormous potential for innovation and progress. However, these technologies also pose significant challenges and risks, such as privacy breaches, cyberattacks, and ethical dilemmas. There is an urgent need to regulate these technologies to ensure their safe, responsible, beneficial use.
<b>Background</b>	<p>Emerging technologies affect productivity, employment, skills, and the environment, with significant implications for businesses in all sectors (OECD, 2021). The development and commercialization of technology need a supportive regulatory ecosystem.</p> <p>Policymakers must balance the adoption of emerging technologies with protecting social health and well-being. Scientific uncertainties concerning their use and development, resulting in regulatory ambiguity, pose challenges. Given the need for proactive measures, regulating emerging technologies will require a modern approach, rather than reacting to mature industry standards. Regulations must be outcome focused, involve experimentation, and result from multiple-stakeholder collaboration.</p> <p>This course will offer practical examples and explanations of regulatory approaches to emerging technologies and how these approaches relate to national and industrial contexts, with the aim of improving productivity and safeguarding social well-being.</p>
<b>Topics</b>	Overview of emerging technology and regulation; Agile governance and regulatory models for emerging technologies; Data and privacy in the digital age; Governance of AI and algorithms; and Regulation of gene editing and biotechnology.
<b>Outcome</b>	Understanding emerging technologies and the importance of regulatory frameworks and policies, with increased collaboration among participants and experts related to emerging technology regulation.
<b>Qualifications</b>	Open to all participants in member and nonmember countries.

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



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