



## PROJECT NOTIFICATION

Reference No.: 705

<b>Date of Issue</b>	24 September 2025
<b>Project Code</b>	25-CP-37-GE-DLN-A
<b>Title</b>	APO e-Course on Pollution Prevention and Management
<b>Timing</b>	31 December 2025
<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 launch date of the e-course.

<b>Objectives</b>	Understand major causes and impacts of environmental pollution; learn about international frameworks and regional practices of waste management; examine policy, technological, and educational approaches to pollution prevention and waste reduction for sustainable development; and enhance understanding of green productivity (GP) concepts and principles for pollution prevention and management.
<b>Rationale</b>	Various forms of pollution impact the environment, climate, and health globally. Pollution prevention and management allow industries to reduce their energy and material inputs and offer nature-friendly products. Consequently, the productivity of industry improves and overall well-being of people and the environment is enhanced.
<b>Background</b>	<p>Over decades of industrialization, the earth was assumed to be an unlimited sink, and the developmental model was based on dumping untreated industrial waste into the environment. The results are now visible as the world enters the “era of global boiling” (UN, 2023).</p> <p>Industrial activities and rapid urbanization have intensified air pollution, water contamination, and soil degradation due to inadequate waste management. Globally, billions of tons of waste are generated annually, much of which ends up in landfills or is illegally dumped, threatening ecosystems and human health.</p> <p>Within the APO GP framework, this course provides a systematic overview of environmental pollution prevention and industrial waste management, covering scientific, technical, and policy perspectives. It aims to enhance understanding of the importance of air pollution control technologies, water treatment and purification, industrial waste recycling, energy recovery, and circular economy practices.</p>
<b>Topics</b>	Pollution prevention and management: GP concepts and principles; History of pollution, health, and economic impacts and lessons from Europe, the USA, and Japan; Air, water, and soil pollution sources, effects, laws, and preventive technologies; and Industrial waste types, treatment, resource recovery, the circular economy, and future outlook.
<b>Outcome</b>	Participants understand major causes and impacts of environmental pollution and international frameworks and regional practices of waste management and gain knowledge of policy, technological, and educational approaches for pollution prevention and waste reduction as best practices in selected countries.
<b>Qualifications</b>	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