PROJECT NOTIFICATION

Reference No.: 114

Date of Issue	27 June 2023
Project Code	23-CP-38-GE-DLN-A
Title	APO e-Course on Energy Conservation Opportunities and Best Practices in Industry Sectors
Timing	28 December 2023
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	Explain the key aspects of major energy-consuming sectors at national level; outline approaches to identify energy conservation opportunities at plant level; explain best operating practices for improving energy productivity; and share emerging technological trends to reduce the adverse environmental impacts of manufacturing and operating processes.
Rationale	The cement, steel, textile, paper, and fertilizer sectors are the largest consumers of limited natural resources such as energy and raw materials. These sectors depend on fossil fuels for energy and operations. The adoption of energy-efficient technologies and practices would allow them to decarbonize processes while improving energy productivity and profitability.
Background	The cement, steel, textile, paper, and fertilizer sectors are keys to economic development as they provide job opportunities, boost industrialization, spur technological advances, improve workers' skill levels, and contribute to GDP. Decarbonization of these major energy-consuming sectors is needed to achieve targets under international agreements such as the 2015 Paris Agreement, UN SDGs, and 2021 Glasgow Climate Pact. The use of fossil fuels such as coal and oil is deeply embedded in the processes of these sectors, and thus adopting best energy-efficient operating practices and technologies would benefit stakeholders across value chains. This e-course will disseminate information on improving the energy productivity of specific industrial sectors.
Topics	Introduction; and Sector-specific modules covering energy conservation approaches in the production of cement, steel, textiles, fertilizers, and paper.
Outcome	Enhanced knowledge of the adoption of energy-efficient technologies and best operating practices in industry and enhanced efforts to assess the energy performance of industrial processes and utilities.
Qualifications	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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