



ASIAN PRODUCTIVITY ORGANIZATION

PROJECT IMPLEMENTATION PLAN

6 June 2017

1. **Project Code** 17-IN-06-GE-DLN-A-06
2. **Title** Self-learning e-Course on Climate Change Impacts and Adaptation (Basic)
3. **Reference** Project Notification 17-IN-06-GE-DLN-A dated 22 December 2016
4. **Timing and Duration** 1 July–31 December 2017 (six months)
5. **Implementing Organizations** APO Secretariat and National Productivity Organizations (NPOs)
6. **Number of Participants** Minimum 400 participants
7. **Self-registration** Self-registration opens from 10:00 AM Japan Standard Time on 1 July 2017 on the eAPO web portal: <http://eAPO-tokyo.org>

Note: Participants can register directly from this portal on the APO website. Those who are already registered can access the course by using the assigned username and password. If you have forgotten your username and password, please refer to the help page on the home page of the portal.

8. Objective

To help participants understand the science, impacts, mitigation measures, policy framework, and adaptation strategies that can be implemented on individual, community, national, and global levels to reduce the impacts of climate change.

9. Background

The unprecedented climatic uncertainty due to the unsustainable relationship humans have had with the environment in the past has become a new dimension of challenges to be faced and resolved. This must be put on the priority list of problems to be tackled since climate change has ramifications on numerous facets of life. Social unrest, for example, might be one of the worst things resulting from climate change if appropriate, timely actions are not taken. Climate change is the one of the biggest global challenges the human race has faced. It is already affecting the physical surface of the earth, the environment that provides our life support, food supplies, economies, and societies. These changes are predicted to accelerate over the next few decades in the absence of effective global actions to steer a course in a different direction.

In line with the APO's Green Productivity Program, this course offers an introduction to multidisciplinary perspectives on climate change to comprehend how it affects people as individuals, members of local communities, citizens of countries, and part of the global community. Participants will explore the science of climate change, its impacts, current methodology to alleviate those impacts, and future measures to adapt to climate change.

10. Scope and Methodology

Scope

The course will cover the following modules:

- Module 1: The Science and Impacts of Climate Change: The Science of Climate Change, Interconnectedness of Earth Cycles, and Global Interactions
- Module 2: Energy Usage: Current and Future Energy Use Worldwide and Trends in Future Energy Production. Quiz on Modules 1 and 2
- Module 3: Environmental Economics: How Climate Change Affects the Environment, Economics, and Social Aspects across Borders
- Module 4: Mitigation Measures: Current Measures to Alleviate Climate Change Impacts
- Module 5: Climate Change Adaptation: Programs, Policies, and Legislation Designed to Adapt to Climate Change. Quiz on Modules 3, 4, and 5
- Module 6: Future Focus: Alleviating the Impacts of Climate Change for Present and Future Generations
- Module 7: Final Exam

Methodology

Self-learning e-modules, additional study material for participants, intermittent quizzes for self-assessment, and a final examination to qualify for the APO e-certificate.

11. Qualifications of Candidates

The target groups are government officials, climate change professionals, academics, and NGO staff actively involved in the area of climate change.

12. Eligibility for e-Certificate

A minimum score of 70% on the final examination is required to qualify for the APO e-certificate.

Note: Participants from nonmember countries are welcome to take the course for self-development, although APO e-certificates will not be provided.



Santhi Kanoktanaporn
Secretary-General



ASIAN PRODUCTIVITY ORGANIZATION

PROJECT NOTIFICATION

22 December 2016

1. **Project Code** 17-IN-06-GE-DLN-A
2. **Title** Self-learning e-Courses for the Industry and Service Sectors
3. **Timing and Duration** Throughout 2017
4. **Implementing Organizations** APO Secretariat and National Productivity Organizations (NPOs)
5. **Number of Participants** 400 participants per course
6. **Registration** APO Institute of Productivity e-learning web portal:
<http://apo-ipro.org/>
(Participants can register directly on this portal through the APO website.)

7. Objectives

- a. To provide basic training to numerous participants in productivity tools and techniques in selected subject areas of broad significance related to the industry and service sectors in a cost-effective manner;
- b. To introduce productivity concepts and techniques that are related with the technological advancements and innovations such as smart technologies, smart factory etc.
- c. To create a pool of certified productivity professionals and practitioners with best-in-class knowledge of the most recent productivity trends and best practices.

8. Background

In addressing the need of APO member economies to maintain know-how on productivity tools and techniques of relevance in specific subject areas, the APO develops self-learning e-courses and offers them on its e-learning portal (<http://apo-ipro.org/>). These courses are developed based on the APO's experience and knowledge accumulated over years of organizing capacity-building projects in its focus areas. In 2011, the APO conducted a highly successful pilot self-learning e-course on the Occupational Health and Safety Management System (OHSAS 18001) that received positive feedback and drew more than 2,700 participants. In 2013, two self-learning e-courses on Integrated Management Systems and Material Flow Cost Accounting were offered. In 2014, the APO implemented/launched four self-learning e-courses on the Environmental Management System, Energy Management System, Information Security Management System, and Climate Change. In 2015, self-learning e-courses on ISO 26000:2010 Guidance on Social Responsibility, SA8000:2014

Social Accountability International, Green Growth and Ways to Operationalize It for Green Economy Development, and OHSAS 18001 were offered. In 2016, the APO organized similar self-learning e-courses on productivity practices, Green Productivity, etc. As a way to improve the deliverability of the courses, in 2017 the APO will offer a new platform of courses that are more animated and interactive on OHSAS 18001, Sustainable and Resilient Supply Chains and Integration into Global Value Chains, Green Productivity, and Integrated Management Systems (Basic) in addition to any other relevant courses on productivity tools and techniques that will be delivered in the standard format. For each course, separate project implementation plans (PIPs) containing specific information on the course and subject will be issued. NPOs are requested to start promoting the courses only after receiving the PIP.

9. Scope and Methodology

Scope

The scope of each course will be decided based on the chosen subject and will be detailed in the PIP issued later for each course.

Methodology

Each course will consist of self-learning e-modules, additional study material for participants, intermittent quizzes for self-assessment, and a final examination to qualify for the APO certificate. All learning modules, carefully prepared by internationally recognized experts, will be uploaded to the APO Institute of Productivity e-learning web portal.

10. Modality of Implementation

Courses will be offered through <http://apo-ipro.org>, the e-learning web portal of the APO Institute of Productivity. Participants can register on this portal and create their own accounts. Registered participants are required to complete all learning modules and self-assessment quizzes before taking the final examination. Based on the results of the final examination, successful participants from APO member economies will be awarded APO certificates that can be downloaded from the e-learning portal itself.

11. Special Features

- a. Participants can register on the APO Institute of Productivity e-learning web portal and create accounts by themselves.
- b. Registered participants' progress will be tracked and monitored by the APO Secretariat throughout the course.
- c. Participants can complete the course at their own pace within the prescribed official duration of the course.
- d. Completion of all modules and quizzes is compulsory before taking the final examination.
- e. A minimum score of 70% on the final examination is required to qualify for the APO e-certificate. The e-certificates will be sent to participants' registered e-mail addresses one day after completion of the final examination.
- f. Successful participants may be given preference based on merit for selection to attend future APO multicountry face-to-face projects on the same subject in consultation with NPOs.

12. Qualifications of Candidates

The target groups are productivity practitioners, consultants, engineers, managers, and all professionals working in the subject area concerned. They may come from industries, the business sector, NPOs, government organizations/departments, universities, and consultancy firms who wish to acquire a working knowledge of the subject.

13. Financial Arrangements

To be borne by the NPOs

- a. Coordination, communication, and promotional support for the course.
- b. Any other local costs.

To be borne by the APO

- a. All costs related to the development of the self-study modules, additional study material(s) pertaining to the course, self-assessment quizzes, examinations, and e-certificates.
- b. Cost of hosting the course on the APO Institute of Productivity e-learning web portal and operating it from the APO Secretariat.

14. Actions by Member Countries

Member countries/NPOs are requested to:

- a. Promote and market the courses by sending the project notification and PIP to as many relevant organizations as possible and encouraging all interested individuals to participate.
- b. Upload the course announcement on the NPO's website and/or provide a link to the APO Institute of Productivity e-learning web portal.
- c. Interact with registered participants and provide them with required inputs and guidance, if necessary.
- d. Provide all necessary support and cooperation proactively to the APO Secretariat for successful implementation of the course.

15. Participation of Individuals from Nonmember Countries

Participants from nonmember countries are welcome to take the course for self-development, although APO certificates will not be provided.



Santhi Kanoktanaporn
Secretary-General

