



ASIAN PRODUCTIVITY ORGANIZATION

PROJECT NOTIFICATION

2 May 2016

1. **Project Code** 16-IN-05-GE-OSM-B
2. **Title** Multicountry Observational Study Mission on Advanced Energy Technology
3. **Timing and Duration** 1–5 October 2016 (five days)
4. **Venue** Tehran, Islamic Republic of Iran
5. **Implementing Organizations**

National Iranian Productivity Organization (NIPO)
Address: 3rd Floor, Building No. 3, Management and Planning Organization, Daneshsara St. Baharestan Sq., Tehran 1149943141
Islamic Republic of Iran
Phone: 98-21- 3327-6508; 98-21-7765-5566
Fax: 98-21-77646271
e-Mail: nipo@mporg.ir

Ministry of Energy (MOE)
Address: Vali-e-Asr St., Niayesh Highway, Tehran 1996833913, Islamic Republic of Iran
Phone: 98-21-81606470, 81606480
6. **Number of Overseas Participants** Up to 18 qualified participants from Bangladesh, Republic of China, India, Indonesia, Republic of Korea, Lao PDR, Malaysia, Mongolia, Nepal, Pakistan, Philippines, Sri Lanka, Thailand, and Vietnam. However, other member countries with special interest in this project may nominate candidates upon consultation with the APO Secretariat.
7. **Number of Local Participants** Up to six qualified participants
8. **Closing Date for Nominations** 19 August 2016

9. Objectives

This observational study mission aims to observe and learn from the latest advanced energy technologies contributing to green growth in the region. The mission will also examine how advanced energy technology can be transferred, deployed, and adapted in combination with the concept of Green Productivity.

10. Background

Without adequate energy supplies, society cannot function and economic growth in the region cannot be achieved. At the same time, the energy situation in the region has been aggravated due to rising oil/natural gas prices in recent years, leading to rising costs of production, transport, etc.

The APO organized a Workshop in 2015 on Advanced Energy Technologies in the Manufacturing Sector which identified 12 advanced energy technologies recommended for adoption in the Asia-Pacific region, including variable-frequency drives, energy-efficient motors, and top-gas recycling blast furnaces.

To maintain high, sustainable growth in the region, APO member economies must manage energy security and find a different path from traditional high resource consumption for more energy-efficient, low-carbon economic growth. This study mission will observe the latest developments in advanced green energy technologies to improve energy management and energy efficiency and identify appropriate ways to transfer such technologies effectively in the manufacturing sector, which will be the keys to economic development in APO member economies.

11. Scope and Methodology

The tentative modules to be covered are:

- a. Advanced energy technologies;
- b. Concept and applications of advanced energy technology;
- c. Environmental and other requirements for technology transfer; and
- d. Successful adaptation of advanced energy technology.

The study mission will consist of interactive lectures, group discussions, observational site visits, and presentation of action plans.

The tentative program of the study mission is given below:

Date/Time	Activity
Fri., 30 Sept. 2016	Arrival of participants in Tehran
Sat., 1 Oct	Opening session Presentation of resource papers
Sun., 2 Oct	Presentation of resource papers
Mon., 3 Oct	Presentation of resource papers Presentation of country papers
Tue., 4 Oct	Field visits to relevant companies or organizations
Wed., 5 Oct	Group exercise and group discussions Presentation of group discussion output Program evaluation by participants, resource persons, and implementing organization Summing-up session
Thurs., 6 Oct.	Closing session Departure of participants

12. Qualifications of Candidates

The participants are expected to possess the following qualifications:

Present Position	Energy and industry professionals responsible for promoting energy management and the introduction and adoption of advanced energy technology for higher productivity.
Experience	At least five years of experience in the position described above.
Education	University degree or equivalent qualification from a recognized university/institution.
Language	All proceedings of the project are conducted in English, and

participants are frequently required to make oral and written presentations. They must therefore be proficient in spoken and written English. Those who are not proficient in English will not be accepted.

Health	Physically and mentally fit to attend an intensive project requiring participants to complete a number of individual and group activities and strenuous fieldwork. It is therefore recommended that member countries not nominate candidates likely to suffer from physical and mental stress.
Age	Candidates who fit the above profile are typically between 35 and 50 years of age.
APO Certificate	Participants are required to attend the entire program to receive the APO certificate of attendance.

13. Financial Arrangements

To be borne by participants or participating countries

- a. For participants from profit-making organizations except for SMEs, and from APO member countries other than Bangladesh, Cambodia, Fiji, Lao PDR, Mongolia, and Nepal.
 - i. Round-trip international airfare between the member country and Tehran.
 - ii. Participating country expenses of USD50.00 per participant, payable to the APO in convertible currency.
- b. For all participants
 - i. Participants' insurance premiums: All participants should be fully insured against accident and illness (including hospitalization and death) for a principal sum equivalent to US\$10,000.00 for the entire duration of the project and travel, and must submit to the APO Secretariat a copy of the comprehensive travel insurance certificate before participation. Such insurance should be valid in the host country. This insurance requirement is in addition to existing government insurance coverage in some member countries. If any participant is unable to insure himself/herself as stipulated above, he/she should secure this insurance in the host country at the commencement of the project and pay the premium himself/herself, if necessary, from the per diem allowance provided. Neither the APO nor the implementing organizations will be responsible for any eventuality arising from accident or illness.
 - ii. All expenses related to visa fees and airport taxes.
 - iii. Any expenses incurred by participants for stopovers on the way to and from the project venue as well as for extra stay at the project venue before and/or after the official project period because of early arrival or late departure, for example, due to either limited available flights or any other reason.

To be borne by the host country

- a. Per diem allowances and hotel accommodation for up to 18 overseas participants for up to six days at the rate to be specified later.
- b. All local implementation costs.

To be borne by the APO

- a. All assignment costs of overseas resource persons.
- b. Round-trip economy-class international airfare by the most direct route between the international airport nearest to the participants' place of work and Tehran for participants from Bangladesh, Cambodia, Fiji, Lao PDR, Mongolia, and Nepal, for participants from SMEs, and for participants from nonprofit organizations from other APO member countries. Please note that the arrangements for the purchase of air tickets should follow the "Guide on Purchases of Air Tickets for APO Participants," which will be sent to the selected participants. It is also available on the APO website and from APO Liaison Officers in member countries.
- c. The APO may select more than 18 overseas participants in anticipation of last-minute withdrawals or no-shows. If more than 18 overseas participants attend, per diem allowances and hotel accommodation costs will be borne by the APO for up to two additional overseas participants at the rate to be prescribed for up to six days.

14. Actions by Member Countries

- a. Each participating country is requested to nominate three or more candidates in the order of preference. Please ensure that candidates nominated meet the qualifications specified under section 12 above.
- b. No form of self-nomination will be accepted. All nominations must be endorsed and submitted by an APO Director, Alternative Director, Liaison Officer, or their designated officer.
- c. Please note that nomination of a candidate does not necessarily guarantee that he/she will be selected. Selection is at the discretion of the APO Secretariat. A basic criterion for selection is the homogeneity of the participants in terms of qualifications and work experience. Nonselection therefore does not mean that the candidates concerned are not competent enough. Sometimes candidates are not selected because they are overqualified for a project.
- d. Each nomination should be accompanied by the necessary documents. A nomination lacking any of these documents may not be considered: two copies of the candidate's biodata on the APO biodata form together with a passport-sized photograph. The biodata form can be downloaded from the APO website (www.apo-tokyo.org). We encourage submitting the biodata form to the APO Secretariat in electronic form as an attachment to a cover e-mail message from the APO Director, Alternate Director, or Liaison Officer. The nomination documents should be sent to the Industry Department, APO Secretariat (e-mail: ind@apo-tokyo.org, fax: 81-3-5840-5324).
- e. The APO Medical and Insurance Declaration/Certification Form. Every candidate must complete and submit a copy of the APO Medical and Insurance Declaration/Certification Form with his/her biodata at the time of nomination. Please note that self-declaration is sufficient for candidates without any of health conditions or illnesses listed on the reverse side of the medical form. However, for all others, medical certification by a licensed physician on the reverse side of the medical form is required.
- f. Necessary documents are to be submitted electronically. In that case, there is no need to send a hard copy by postal mail. However, if the documents are submitted by fax, member countries are requested to mail the originals of the documents to the APO Secretariat as well. If a digital photograph of a nominee is not attached to the electronic biodata form, a hard-copy photograph should be sent to the APO Secretariat by postal mail. Please give the candidate's name and the project code on the reverse side of the

photograph.

- g. Member countries are requested to adhere to the nomination deadline given on page 1. The APO Secretariat may not consider late nominations as they have in the past resulted in considerable difficulties to the implementing organization in its preparatory work for the project.
- h. For member countries where nominations are required to be approved by higher government authorities and require a longer time, the APO Liaison Officers/NPOs are urged to send the names of nominees on or before the deadline, indicating that government approval will follow.
- i. If a selected participant becomes unable to attend, he/she should inform the APO Liaison Officer/NPO in his/her country immediately and give the reason for withdrawal. The NPO concerned is requested to transmit that information to the APO Secretariat and the host country promptly.
- j. NPOs are requested to inform the selected participants that they are not to bring family members or to engage in any private business activities during the entire duration of the project.
- k. Each selected participant should be instructed to arrive at the venue one day before the start of the official project. Also, he/she is expected to return home upon completion of the official project because he/she is visiting the host country for the specific purpose of attending this APO study mission.
- l. NPOs should inform participants that they must attend all five days of the project to qualify for the certificate of attendance.

15. Actions by the APO Secretariat

- a. Under normal circumstances, candidates who are selected will be informed of their acceptance at least four weeks prior to the start of the project.
- b. If some candidates fail to qualify or be unable to participate after selection, or if some member countries fail to nominate any candidate, their slots may be filled by alternates from the same or another member country on a merit basis.

16. Project Preparation

The participants are required to prepare a paper prior to departure for the project venue. In preparing the paper, they are expected to follow the "Guidelines for the Preparation of Country Papers" to be provided later.

17. Postproject Actions

All participants are required to prepare action plans and share the plans with their NPOs. The APO will also request participants to submit progress reports six months after completion of the study mission.

18. Evaluation of Participants

If the conduct/attendance/performance of a participant is not satisfactory, these will be reported to the APO director concerned.

19. Guide for Participants

Other conditions for participation are given in the *APO Guide for Participants*, which is available from APO Liaison Officers/NPOs in member countries and on the APO website (www.apo-tokyo.org).



Mari Amano
Secretary-General