

Asian Productivity Organization

Hirakawa-cho Dai-ichi Seimei Bldg. 2F
1-2-10, Hirakawa-cho, Chiyoda-ku
Tokyo, 102-0093 Japan



Tel:(81-3)5226-3920 Fax:(81-3)5226-3950
E-mail: apo@apo-tokyo.org
URL: www.apo-tokyo.org

PROJECT NOTIFICATION

28 December 2010

1. **Project Code:** 11-IN-45-GE-TRC-B
2. **Project Title:** **Training Course on Energy Efficiency for SMEs**
3. **Duration:** 17–20 May 2011 (four days)
4. **Venue:** Seoul, Republic of Korea
5. **Implementing Organization:** **Korea Productivity Center**
Address: 57-1 Sajik-ro, Jongno-gu
Seoul 110-751, ROK
Telephone: (82) 2-724-1180
Facsimile: (82) 2-737-9140
6. **Number of Overseas Participants:** Up to 18 qualified participants from Bangladesh, Cambodia, Fiji, India, Indonesia, IR Iran, Lao PDR, Mongolia, Nepal, Pakistan, Philippines, Sri Lanka, and Vietnam. Other member countries with special interest in the subject are also encouraged to apply.
7. **Number of Local Participants:** Up to six qualified participants
8. **Closing Date for Nominations:** 1 April 2011

All nominations along with the **completed biodata** form and medical certificate of the nominees should reach the APO Secretariat by the above date. Selection of participants will be completed immediately after this date. Member countries are requested to inform the APO Secretariat as soon as possible if they decide not to nominate anyone for the project.
9. **Objective:** To train a pool of trainers on energy efficiency equipped with advanced knowledge of energy efficiency, energy conservation, and energy management enabling them to conduct national training courses for multiplier effects.

10. Background

The interest in energy efficiency is not new among organizations and companies in all sectors as well as consumer groups worldwide. Energy efficiency has been a goal for years to provide more power for economic activities and residential demand at less cost while using less fuel. There have been some clear successes observed in many parts of the world, such as the growing adoption of energy-saving appliances and utilization of energy-efficient techniques and technologies. Yet more needs to be done in both the private and public sectors to facilitate energy-efficient practices and procedures in the Asia-Pacific region, where growing demand for energy supplies, emerging environmental issues, and increased stress on aging energy infrastructure have become evident.

As one of its major initiatives to promote energy efficiency and energy management, the APO initiated a series of projects to build the capacity of member countries in 2007. As an offshoot of these activities, manuals entitled *Working Manual on Energy Auditing in Industries* and *Training Manual on Energy Efficiency for Small and Medium Enterprises* were published. In addition, a number of energy efficiency-related projects have been conducted by the APO in subsequent years to enhance the productivity of member countries. In 2011, the Training Course on Energy Efficiency for SMEs is scheduled to point out opportunities for increasing energy efficiency and how SMEs in APO member countries can take advantage of them. Such opportunities to reduce energy costs substantially can decrease dependence on imported energy supplies and reduce associated carbon emissions simultaneously.

During the training course, apart from understanding general measures of energy efficiency, participants will have opportunities to learn about industrial applications of energy efficiency in pumps, boilers, furnaces, industrial lighting, and buildings including heating and cooling systems, while observing energy-efficiency opportunities in industrial and manufacturing operations.

11. Tentative Scope and Methodology

Scope

- a) Concept and fundamentals of energy efficiency and energy management;
- b) Energy management tools and techniques;
- c) Energy efficiency in industrial applications;
- d) Energy efficiency in buildings; and
- e) Best practices in energy efficiency and energy management.

Methodology

Expert presentations, group discussions, case studies, field visits, country papers, and examination.

12. Requirements of Candidates

- a) Age: Preferably between 30 and 45 years.
- b) Education: Preferably university degree or equivalent qualification.
- c) Present Position: Energy professionals, industry managers especially from SMEs, building engineers/architects, energy managers/consultants, or energy auditors.

- d) Experience: At least five years of experience in a related field.
- e) Language: Proficiency in written and spoken English is essential.
Proficiency
- f) Health: Physically and mentally fit to attend an intensive program entailing strenuous travel and several plant/field visits.

13. Financial Arrangements

a) To be borne by the APO

i) Round-trip economy-class international airfare by the most direct route between the international airport nearest to the participant's place of work and Seoul, ROK, for participants for all participants from Bangladesh, Cambodia, Fiji, Lao PDR, Mongolia, and Nepal and for participants from nonprofit organizations and SMEs from other member countries. As far as practicable, all participants are strongly encouraged to purchase and use discounted tickets (following IATA PEX or other applicable discount fares) Please note that arrangements for the purchase of air tickets should be in accordance with the "Guide on Purchases of Air Tickets for APO Project Participants" dated 7 July 2006, which will be sent to the selected participants and is available from the APO Liaison Officers in member countries.

ii) All deputation costs of overseas resource persons.

b) To be borne by the host country—Republic of Korea

i) Expenses for hotel accommodations for 18 overseas participants for five days;

ii) Per diem allowances for all overseas participants for up to five days; and

iii) Other local implementation costs.

c) To be borne by participants or participating countries

i) *For participants from profit-making organizations, except for SMEs, from APO member countries other than Bangladesh, Cambodia, Fiji, Lao PDR, Mongolia, and Nepal.*

1) Round-trip international airfare between the member country and Seoul; and

2) Participating Country Expenses at US\$50 per participant, payable to the APO in convertible currency.

ii) *For all participants*

1) Participants must be fully insured against accident and illness (including hospitalization) for a principal sum of US\$10,000.00 for the entire duration of the project and travel, and must submit to the APO a copy of the comprehensive travel insurance certificate before participation. Such insurance must be valid in the countries to be visited. If a participant is unable to arrange for insurance coverage in the host country at the start of the project, he/she must pay the premium himself/herself out of the per diem allowances provided. Neither the APO nor the implementing organization will be responsible for any eventuality arising from accident or illness.

2) 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 on account of early arrival or late departure, for example, due to either limited available flights or any other reason whatsoever.

3) Any expenses related to visa fees and airport taxes.

14. Actions by Participating Countries

a) Each member country is requested to nominate two or more candidates for selection. Please ensure that candidates nominated meet the qualifications specified above.

b) We will not accept any form of self-nomination. All nominations must be endorsed and submitted by an APO Director, Alternate Director, Liaison Officer, or their designated officer.

c) Please note that nomination does not necessarily guarantee that a candidate 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. Sometimes candidates are not selected because they are overqualified.

d) Each nomination should be accompanied by the documents listed below. A nomination lacking any of these documents may not be considered:

i) Two copies of the candidates' biodata on the APO biodata form together with passport-sized photograph. The biodata form can be downloaded from the APO Web site. Downloading information is also available from 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.

ii) 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 for this particular project self-declaration is sufficient for candidates without any of the health conditions or illnesses enumerated on the reverse side of the medical form. However, for all others, medical certification by a recognized physician on the reverse side of the medical form is required.

e) Member countries are encouraged to submit the necessary documents electronically as mentioned in (d)-(i). 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 Secretariat by postal mail. Please specify the candidate's name and the project code on the reverse side of the photograph.

f) Member countries are requested to abide by the nomination deadline specified in Section 7 on the first page. The APO 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.

g) Under normal circumstances, candidates who are selected after the initial screening will be informed of their acceptance at least four weeks prior to commencement of the project.

h) Member countries are requested to inform candidates that, once selected, they are not to bring family members or to engage in any private business activities during the entire duration of the project. Further, if they should become unable to take part, the NPOs concerned are requested to inform the APO and the host country promptly of their reason for withdrawal.

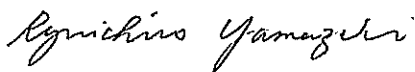
i) Each selected candidate is required to arrive at the venue one day before the start of the official project. Also, he/she is expected to return home upon completion of the official project because he/she is visiting the host country for the specific purpose of attending this APO project.

15. Preparation of Country Papers

Each selected candidate is requested to prepare a country paper following the guidelines to be provided later.

16. Guide for Participants

Other conditions for participation are given in the *APO Guide for Participants*, which is available from the APO Liaison Officers/NPOs in member countries and on the APO homepage (http://www.apo-tokyo.org/05part_guide.htm).



Ryuichiro Yamazaki
Secretary-General