



ASIAN PRODUCTIVITY ORGANIZATION

PROJECT NOTIFICATION

6 August 2015

1. **Project Code** 15-IN-97-SPP-RES-B
2. **Title** Research on Need Assessment for Energy Conservation in Member Countries
3. **Duration & Timing** August 2015 to March 2016
4. **Venue** Member countries
5. **Number of Participating Countries** Five countries: Bangladesh, Mongolia, Nepal, Pakistan, and Sri Lanka

6. Objective

To address issues of energy conservation in the industry and service sectors by supporting the capacity building of human resources who can lead energy conservation initiatives in Bangladesh, Mongolia, Nepal, Pakistan, and Sri Lanka.

7. Background

Rapid industrialization in Asian economies has been a strong driving force in raising productivity in the region. On the other hand, however, it has shown negative effects on the environment such as global warming, climate change, energy price fluctuations, etc. It is crucial to promote energy conservation in the region to enable smarter, more efficient use of energy. The promotion of energy conservation will also help in the transition from carbon-intensive to environment-friendly, sustainable economic patterns. Since Japan has substantial experience in technologies useful for energy conservation, it would be beneficial to transfer its advanced knowledge to the target APO member countries. This project is funded by a special cash grant from the Ministry of Economy, Trade and Industry of Japan.

8. Scope and Methodology

Scope

Under this project, a need assessment survey will be undertaken to identify the present energy conservation situation and needs for energy conservation projects in Bangladesh, Mongolia, Nepal, Pakistan, and Sri Lanka. The assessment and survey results will be integrated into a guidebook/manual on energy conservation which will be used for workshops/training courses in future.

To undertake research, a questionnaire will be sent to each concerned NPO prior to the visit to those countries by the officer in charge of the survey. NPOs are required to respond to the questionnaire and return it to the APO Secretariat by **21 August 2015**. The questionnaire responses will be used as basic reference material to determine the directions of comprehensive energy efficiency projects.

Methodology

After collecting the questionnaire responses and visits to the five countries, the APO Secretariat and chief expert will assess and analyze the status of energy conservation in each country to consolidate practices into a textbook to be used for subsequent energy efficiency projects.

The tasks of the chief expert will include:

- a) Providing the APO Secretariat with advice/recommendations on designing the survey questionnaire form; and
- b) Analyzing questionnaire responses and the results of field visits to consolidate them into a textbook.

9. Chief Expert

The APO will assign a chief expert with extensive knowledge of and experience in energy conservation, including the most advanced technology for energy management systems. The expert will have excellent analytical skills and knowledge of the adaptation of energy-efficient technologies to Asian countries.

Financial Arrangements:

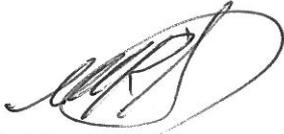
- a) **To be borne by the APO:**

All assignment costs of the chief expert.

10. Actions by Member Countries

- a) Concerned NPOs are requested to complete and return the survey questionnaire to the APO Secretariat by **21 August 2015**.
- b) Concerned NPOs are requested to identify national counterparts for the survey and visit by the Secretariat staff as soon as possible and notify the Energy Efficiency Program via e-mail to HHoriguchi@apo-tokyo.org; and MNojima@apo-tokyo.org.

- c) The national counterparts identified by the NPO may also participate in a research meeting, if necessary, to discuss the results of the survey questionnaire and contribute to the contents of the textbook on energy conservation.

A handwritten signature in black ink, appearing to be 'MA', written in a cursive style.

Mari Amano
Secretary-General