



GROUP AND REGION-FOCUSED TRAINING

GENERAL INFORMATION ON
Energy Policy(B)
課題別研修「エネルギー政策 (B)」
JFY 2015

NO. J1504286 / ID. 1584585
Course Period in Japan: From June 21 2015 to July 11, 2015

This information pertains to one of the Training and Dialogue Programs of the Japan International Cooperation Agency (JICA), which shall be implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

I. Concept

Background

With rapid economic development in recent years, global energy demand is expected to increase further particularly in developing countries. In this context, if a stable supply energy is not ensured and proper consideration is not given to environment, concerns over constraints on energy supply and demand, skyrocketing energy prices and increase in carbon dioxide emissions will possibly become more serious, which leads to a substantial negative impact on sustainable development in developing countries as well as global economy and environment including Japan. Currently, developing countries are also requested to pursue the perspective of ensuring national energy security and efficient utilization of domestic resources in order to establish comprehensive energy policy and supply-demand forecasting.

For what?

This program aims to contribute to solving aforementioned issues by providing the participating countries with knowledge on energy situation and its policy transition in Japan and in the world to support the formulation of future activities for their energy policy making based on energy supply-demand forecasting as well as energy balance.

For whom?

This program is offered to an executive officer or a candidate for an executive of governmental agencies such as Ministry of Energy or Industry, which are engaged in energy policy formulation.

How?

Participants shall have opportunities to identify approaches and strategies to ensure program effectiveness, enhance knowledge of energy policy, and improve policy planning viability. Participants will also formulate an action plan describing what the participant will do after they go back to home country putting the knowledge and ideas acquired and discussed in Japan among others into their on-going activities.

II. Description

1. Title (J-No.): Energy Policy (B) (J1504286)

2. Course Period in Japan

June 21, 2015 to July 11, 2015

3. Target Countries

Armenia, Belize, Cambodia, Cape Verde, Laos, Mongolia, Myanmar, Papua New Guinea, Peru, Philippines, South Africa, Ukraine, Uruguay, Viet Nam, Zimbabwe

4. Eligible / Target Organization

This program is offered to Governmental agencies such as Ministry of Energy or Industry, which are engaged in energy policy formulation.

5. Course Capacity (Upper limit of Participants): 15

6. Language to be used in this program : English

7. Course Objective:

A Policy plan contributing to the formulation of energy policy based on each country's characteristics and issues will be formulated, and then shared and studied in the participating organization.

8. Overall Goal:

A comprehensive energy policy with a medium to long term perspective will be drawn up and implemented.

9. Expected Module Outputs and Contents:

This program consists of the following components. Details on each component are given below:

| Expected Module Output | Subjects/Agendas | Methodology |
|--|--|-------------------------------------|
| (1) Energy situation and issues in each country are shared among the participants and priority issues are examined. | Country Report Presentation | Presentation and discussion |
| (2) Challenges in energy policy in each country are clarified through understanding and comparing changes and current status of energy situation/energy policies in Japan and the rest of the world. | Energy demand forecasting in the world, Energy Policy in Japan (Oil / Gas / Coal / Renewable Energy / Electric Power), The latest trends of Process to introduce Nuclear Power in Japan, Changes in lifestyle and energy demand-supply in Japan, Energy Conservation in Japan and Activities of Energy Conservation Center, Observation: Power Plant, etc. | Lecture, discussion and observation |
| (3) Concepts and methods of energy supply-demand forecasting, energy balance and energy best mix are understood and their applicability in each country is examined. | Survey technique for energy statistics data, Energy Data Base Construction, Energy Balance Table, Workshop Energy demand forecasting, etc | Lecture, discussion and practice |
| (4) A draft Policy Plan of specific countermeasures which contribute to solving challenges in each country is formulated. | Draft Policy Plan Presentation | Consultation and Presentation |

<Structure of the program>

*Details of the schedule are subject to change.

| DATE | | TIME | CONTENTS | VENUE |
|---------|-----|------|---|-----------------------------|
| 21-June | Sun | | Arrival | - |
| 22-June | Mon | | JICA Briefing | JICA Tokyo |
| 23-June | Tue | AM | Welcome Address and Orientation by IEEJ Country Report Presentation | IEEJ |
| | | PM | Country Report Presentation | |
| 24-June | Wed | AM | L: International Energy Situation L: Energy Policy in Japan (Oil) | IEEJ |
| | | PM | L: Energy Policy in Japan (Gas) L: Energy Policy in Japan (Coal) | |
| 25-June | Thu | AM | Observation: LNG Power Generation | Yokohama, Kanagawa Pref. |
| | | PM | Observation: Thermal Power Generation (Coal) | |
| 26-June | Fri | AM | L: Energy Policy in Japan (Electricity) L: Process to Introduce Nuclear Power in Japan | IEEJ |
| | | PM | L: Energy Policy in Japan (Renewable Energy) L: Energy Policy in Japan (Energy Conservation) | |
| 27-June | Sat | | Off | - |
| 28-June | Sun | | Off | - |
| 29-June | Mon | AM | Observation: Steel Plant | Ibaraki Pref. |
| | | PM | Observation: Biomass Power Generation Observation: Wind Power Generation | |
| 30-June | Tue | AM | L: Changes in Lifestyle and Energy Demand and Supply in Japan L: Environmental Problem | IEEJ |
| | | PM | Transfer to Yamanashi Pref. | Yamanashi Pref. |
| 1-July | Wed | AM | Observation: Mini Hydro Power Generation Observation: PV Power Generation | Yamanashi Pref. |
| | | PM | Transfer to Shizuoka Pref. | Shizuoka Pref. |
| 2-July | Thu | AM | Observation: Nuclear Power Generation | Shizuoka Pref. |
| | | PM | Observation: Bio-fuel Manufacture Plant | Shizuoka Pref. |
| 3-July | Fri | AM | L: Energy Demand Forecasting in the World/Asia L: Energy Balance Table | IEEJ |
| | | PM | Observation: Refuse Power Generation | Tokyo |
| 4-July | Sat | | Off | - |
| 5-July | Sun | | Off | - |
| 6-July | Mon | | Exercise: Energy Demand Forecasting | IEEJ |
| 7-July | Tue | | Exercise: Energy Demand Forecasting | IEEJ |
| 8-July | Wed | AM | Observation: Energy Efficiency Showroom | Tokyo |
| | | PM | Observation: Heat Supply Center Discussion with Lecturers | Tokyo IEEJ |
| 9-July | Thu | | Action Plan Presentation | IEEJ |
| 10-July | Fri | AM | JICA Evaluation Meeting Closing Ceremony | JICA Tokyo |
| 11-July | Sat | | Departure | - |

III. Conditions and Procedures for Application

1. Expectations for the Participating Organizations:

- (1) This program is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Participating organizations are expected to use the project for those specific purposes.
- (2) This program is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the project to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and problems.
- (3) As this program is designed to facilitate organizations to come up with concrete solutions for their issues, participating organizations are expected to make due preparation before dispatching their participants to Japan by carrying out the activities of the Preliminary Phase described in section II-9.
- (4) Participating organizations are also expected to make the best use of the results achieved by their participants in Japan by carrying out the activities of the Finalization Phase described in section II-9.

2. Nominee Qualifications:

Applying Organizations are expected to adequately select nominees who meet the following qualifications.

(1) Essential Qualifications

- 1) **Current Duties:** be a managerial level official or its equivalent of governmental agency such as Ministry of Energy or Industry, which is engaged in energy policy formulation
- 2) **Experience in the relevant field:** more than 3 (three) years of experience in the fields
- 3) **Educational Background:** University graduate or its equivalent
- 4) **Language:** have a competent command of spoken and written English which is equal to TOEFL IBT 79-80 (CBT 213, PBT 550) or more (This course includes active participation in discussions and intensive policy proposal writing, thus requires high competence of English ability. Please attach an official certificate for English ability such as TOEFL, TOEIC etc.)
- 5) **Health:** must be in good health, both physically and mentally, to participate in the Program in Japan
- 6) have an ability to operate spreadsheet software "Microsoft Excel" and "Microsoft Power Point", excepting the beginner
- 7) must not be serving any form of military service

(2) Recommendable Qualifications

- 1) Age: between the ages of 35 and 50 years

3. Required Documents for Application

(1) Application Form

The Application Form is available at the respective country's JICA office or the Embassy of Japan.

*Pregnancy

Pregnant participants are strictly requested to attach the following documents in order to minimize the risk for their health.

- ① letter of the participant's consent to bear economic and physical risks
- ② letter of consent from the participant's supervisor
- ③ doctor's letter with agreement of her training participation.

Please ask JICA staff for the details.

- (2) **Photocopy of passport:** to be submitted with the application form, if you possess your passport which you will carry when entering Japan for this program. If not, you are requested to submit its photocopy as soon as you obtain it.

*Photocopy should include the followings:

Name, Date of birth, Nationality, Sex, Passport number and Expire date.

- (3) **Nominee's English score sheet:** to be submitted with the application form. If you have any official documentation of English ability. (e.g., TOEFL, TOEIC, IELTS)

4. Procedure for Application and Selection:

(1) Submitting the Application Documents:

Closing date for application to the JICA Center in JAPAN: **April 24, 2015**

Note: Please confirm the closing date set by the respective country's JICA office or Embassy of Japan of your country to meet the final date in Japan.

(2) Selection:

After receiving the document(s) through due administrative procedures in the respective government, the respective country's JICA office (or Japanese Embassy) shall conduct screenings, and send the documents to the JICA Center in charge in Japan, which organizes this project. Selection shall be made by the JICA Center in consultation with the organizations concerned in Japan based on submitted documents according to qualifications.

The organization with intention to utilize the opportunity of this program will be highly valued in the selection.

(3) Notice of Acceptance:

Notification of results shall be made by the respective country's JICA office (or Embassy of Japan) to the respective Government by **not later than May 21, 2015.**

5. Document to be submitted by accepted participants:

(1) Country Report (detailed in "ANNEX")

(2) Presentation data based on the Country Report

-- to be submitted by **June 5, 2015:**

At the start of the training in Japan, participants are requested to do presentation based on their own Country Report, for the participants to be aware of their energy issues in their home countries and moreover facilitate formulating policy plans. Each presentation time will be about 20 minutes. Please send presentation data by using Microsoft Power Point.

Participants should send latest ones to JICA by e-mail.

email : tictip@jica.go.jp.

6. Conditions for Attendance:

- (1) to strictly adhere to the program schedule.
- (2) not to change the program topics.
- (3) not to extend the period of stay in Japan.
- (4) not to be accompanied by family members during the program.
- (5) to return to home countries at the end of the program in accordance with the travel schedule designated by JICA.
- (6) to refrain from engaging in any political activities, or any form of employment for profit or gain.
- (7) to observe Japanese laws and ordinances. If there is any violation of said laws and ordinances, participants may be required to return part or all of the training expenditure depending on the severity of said violation.
- (8) to observe the rules and regulations of the accommodation and not to change the accommodation designated by JICA.

IV. Administrative Arrangements

1. Organizer:

(1) Name: JICA Tokyo International Center (JICA TOKYO)

(2) Address : 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan

TEL: 81-3-3485-7051 FAX: 81-3-3485-7904

(where "81" is the country code for Japan, and "3" is the local area code)

(3) URL : <http://www.jica.go.jp/english/contact/domestic/>

(4) Contact : Masayoshi KOTANI (Mr.)

Industrial Development and Public Policy Division

JICA Tokyo International Center

EM: tictip@jica.go.jp

2. Implementing Partner:

- (1) **Name:** The Institute of Energy Economics, Japan (IEEJ)
- (2) **Address:** Inui Bldg., Kachidoki (10F, 11F), 1-13-1, Kachidoki, Chuo-ku, Tokyo 104-0054, Japan TEL: 81-3-5547-0221 FAX: 81-3-5547-0225
(where "81" is the country code for Japan, and "3" is the local area code)
- (3) **URL:** <http://eneken.ieej.or.jp/>

3. Travel to Japan:

- (1) **Air Ticket:** The cost of a round-trip ticket between an international airport designated by JICA and Japan will be borne by JICA.
- (2) **Travel Insurance:** Term of Insurance: From arrival to departure in Japan. *the traveling time outside Japan shall not be covered.

4. Accommodation in Japan:

JICA will arrange the following accommodations for the participants in Japan:

JICA Tokyo International Center (JICA TOKYO)
Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan
TEL: 81-3-3485-7051 FAX: 81-3-3485-7904
(where "81" is the country code for Japan, and "3" is the local area code)

If there is no vacancy at JICA TOKYO, JICA will arrange alternative accommodations for the participants. Please refer to facility guide of TIC at its URL, <http://www.jica.go.jp/english/contact/domestic/pdf/welcome.pdf>

5. Expenses:

The following expenses will be provided for the participants by JICA:

- (1) Allowances for accommodation, living expenses, outfit, and shipping
 - (2) Expenses for study tours (basically in the form of train tickets).
 - (3) Free medical care for participants who become ill after arriving in Japan (costs related to pre-existing illness, pregnancy, or dental treatment are not included)
 - (4) Expenses for program implementation, including materials
- For more details, please see the brochure for participants titled "KENSU-IN GUIDE BOOK," which will be given to the selected participants before (or at the time of) the pre-departure orientation.

6. Pre-departure Orientation:

A pre-departure orientation will be held at the respective country's JICA office (or Japanese Embassy), to provide participants with details on travel to Japan, conditions of the workshop, and other matters.

IV. Other Information

The Participants are kindly requested to bring own laptop (windows OS) for making reports and exercise of Energy Demand Forecasting during the course. If impossible, the participants who don't bring their own personal computers to Japan must send E-mail below to inform by 5 June.

E-mail address :Yamamoto.Noriko.2@jica.go.jp (Ms.Noriko Yamamoto)

V. ANNEX

Country Report

Submission of the Country Report

Those who are informed of acceptance to participate in the Course are required to prepare a Country Report written in English on the following issues, and submit it to JICA by e-mail [E-mail: ticip@jica.go.jp] **by June 5, 2015.**

The country report should include the followings:

- 1) General information of each country
- 2) Current energy policy and measures of each country
- 3) Past energy demand and supply (statistics) of each country
- 4) Outlook of energy demand and supply of each country
- 5) Major difficulties and bottlenecks currently faced in formulating energy policies of each country
- 6) Subjects you would like to study in the order of priority and the reason

Presentation of the Country Report

Participants will be requested to make a presentation of the Country Report during the training course. The purpose of the presentation is to find clues through discussion to solve issues your organization and your country faces. Due to the time restriction (20 minutes for each participant including questions and answers), the applicants are strongly encouraged to make the main points clear enough both in the Country Report and Presentation.

For Your Reference

JICA and Capacity Development

The key concept underpinning JICA operations since its establishment in 1974 has been the conviction that “capacity development” is central to the socioeconomic development of any country, regardless of the specific operational scheme one may be undertaking, i.e. expert assignments, development projects, development study projects, training programs, JOCV programs, etc.

Within this wide range of programs, Training Programs have long occupied an important place in JICA operations. Conducted in Japan, they provide partner countries with opportunities to acquire practical knowledge accumulated in Japanese society. Participants dispatched by partner countries might find useful knowledge and re-create their own knowledge for enhancement of their own capacity or that of the organization and society to which they belong.

About 460 pre-organized programs cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs are being customized to address the specific needs of different target organizations, such as policy-making organizations, service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

Japanese Development Experience

Japan was the first non-Western country to successfully modernize its society and industrialize its economy. At the core of this process, which started more than 140 years ago, was the “*adopt and adapt*” concept by which a wide range of appropriate skills and knowledge have been imported from developed countries; these skills and knowledge have been adapted and/or improved using local skills, knowledge and initiatives. They finally became internalized in Japanese society to suit its local needs and conditions.

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from this “*adoption and adaptation*” process, which, of course, has been accompanied by countless failures and errors behind the success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are trying to address the challenges currently faced by developing countries.

However, it is rather challenging to share with our partners this whole body of Japan’s developmental experience. This difficulty has to do, in part, with the challenge of explaining a body of “tacit knowledge,” a type of knowledge that cannot fully be expressed in words or numbers. Adding to this difficulty are the social and cultural systems of Japan that vastly differ from those of other Western industrialized countries, and hence still remain unfamiliar to many partner countries. Simply stated, coming to Japan might be one way of overcoming such a cultural gap.

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that integration of their findings might help them reach their developmental objectives.



CORRESPONDENCE

For enquiries and further information, please contact the JICA office or the Embassy of Japan. Further, address correspondence to:

JICA Tokyo International Center (JICA TOKYO)

Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan

TEL: +81-3-3485-7051 FAX: +81-3-3485-7904