



Face-to-Face (in Japan)

Knowledge Co-Creation Program (Group and Region Focus)


# Promotion of Hydropower Development



Course Number : 202515105J001

Course Period : October 25- November 21, 2026





# How do we promote steady and sustainable hydropower development?

Gain insight into steady and sustainable  
implementation of hydropower development  
in practical and interactive way  
by learning experience in Japan.

# Outline



As a global trend, countries are addressing the reduction of fossil fuel use and promoting renewable energy toward a decarbonized society.

This program aims to contribute to participants' countries and organizations by promoting the steady and sustainable implementation of hydropower development through the sharing of comprehensive knowledge and experiences in Japan, as well as fostering networking among participants and Japanese organizations.



In addition, this training aligns with JICA global agenda "Energy & Mining" and its cluster "Promotion of New/Renewable Energy"



The period of the program is from October 25 to November 21, 2026.

Course Capacity: 9 participants

## **JICA Knowledge Co-Creation Program (KCCP)**

The Japanese Cabinet released the Development Cooperation Charter in June 2023, stated that “In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field-oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together.” We believe that this ‘Knowledge Co-Creation Program’ will serve as a foundation of mutual learning process.



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# For What?

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## Background

In many countries, the key for sophistication of industry is to secure stable energy at low cost.

On the other hand, appropriate supply of energy and low carbonization are also significant issues for economic growth, the global environment, and resources and energy security as concluded in “Paris agreement” in 2015.

JICA has been working on energy issues with a focus on ensuring a stable, low-cost supply of environmentally friendly natural resources and energy.

Under these circumstances, the importance of steady development of hydropower, which is stable, affordable, and low-carbon power source, has been increasing based on both “Energy Security” and “Climate Change Measures”.

Japan has developed hydropower in large scale and it's still functioning as national base power. Those Japanese past examples and know-how would be valuable to many countries that are in the process of developing hydropower as their energy source.

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## Objectives

Trainees from the government or electric power agency of hydropower development sector acquire knowledge and experiences of Japan as well as other participants and share them within their organization.

Through this program, networking among participants and Japanese organizations will contribute to sustainable hydropower development in respective countries.

# To Whom?

## Job Areas and Organizations

This program is designed for the person in charge of hydropower related planning at government or electric power agency, who has practical experience in relevant field, and in a managerial/supervisory position.

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

## Targeted Countries

Bhutan, Democratic Republic of the Congo, Kyrgyz, Lesotho, Nepal, Pakistan, Papua New Guinea, Philippines, Uzbekistan

(Note)  
Some additional participations from the unlisted countries may join this course.

# When?

## Program Period

 Face-to-Face (in Japan)

From October 25 to November 21, 2026.

# Where?

This course is carried out face-to-face in Japan, organized by JICA Tokyo Center.

You can enjoy not only learning experience with other participants from all over the world, but also a variety of cultural activities during your stay in Japan.



# How?

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## How to Learn

- Lecture, Q&A & Discussion
- Presentation & Discussion
- Exercise
- On Site Visit



Study



Experience



Discuss



Interact



Present

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## Language

English

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## Commitment to the SDGs



The JICA's position paper towards achieving SDGs: [JICA\\_torikumi\\_e.pdf](#)

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## Program Structure

### <Expected Result>

- Identify issues facing the participant's country/organization by sharing and comparing challenges and current situation in other participating countries.
- Share the knowledge and experiences such as planning, designing, effectiveness, environmental and social considerations, etc. in the process of hydropower development in Japan and cases in other countries include participating countries.

- Understand the role of hydropower/hydropower development in accelerating energy transitions.
- Propose effective solutions that respective countries are required to address.

## <Contents>

### 1. Preliminary phase

#### **Prepare a Country Report Presentation in advance of the course**

It is required for all the participants to make and submit the Country Report Presentation before the course starts. The details are described in ANNEX of this general information.

### 2. In Japan program

#### **Presentation on Country Report and Q&A session**

Country Report Presentation by each participant and the Q&A session for sharing the status and clarifying the issue to be tackled in each country.

#### **Lectures on electric power and hydropower**

Acquire the knowledge on history, method and industry on electric power development especially hydropower by referring to the experience in Japan and international contexts to study and discuss the counter measure in each country.

Ex. (1) Outline of electric power industry in Japan, (2) Energy transition, (3) Outline of hydropower, (4) History and cases of hydropower plants in Japan, (5) Environmental evaluation for hydropower projects(EIA), Environmental measures for hydropower plants, (6) Hydropower development policy in Japan, (7) Project Management, (8) Plan, design, construction, maintenance of hydropower plants, (9) Promotion of hydropower development, (10) Development assistance to Japan, (11) Japanese development assistance to overseas, (12) Safety and health education

#### **On site visit**

Site visits to Dam and hydropower plants (includes small hydro) and Japanese manufacturer.

#### **Presentation on Training Result**

Presentation on training result, so called “Action Plan” by each participant and discussion among all participants and implementing partners.

#### **Evaluation / Feedback of the Course**

#### **(Note)**

The actual program contents and order may change.



## **Tentative overall schedule**

### **1<sup>st</sup> Week**

Program orientation

Country report Presentation

Lectures on the outline of electric power industry in Japan, role of hydropower in energy transitions, outline of hydropower development, history of hydropower development in Japan, assistance received by Japan from foreign countries and assistance provided by Japan to developing countries, hydropower and its environmental measures, case studies of hydropower development, project management, environmental Impact assessment

### **2<sup>nd</sup> Week**

Field visit to dam, hydropower plant, pumped storage hydropower plant

Preparation on Action Plan

Lectures on the planning, design, construction, and maintenance of power systems, case studies of hydropower development

### **3<sup>rd</sup> Week**

Field visit to dam, hydropower plant, memorial museum

Preparation on Action Plan

Lectures on case studies of hydropower development

### **4<sup>th</sup> Week**

Field visit to Japanese manufacturer of equipment for hydropower plant and small hydropower plant, electric energy museum

Preparation on Action Plan

Lectures on safety and health education, promotion of hydropower development

Finalizing and presentation of Action Plan, and discussion

Evaluation meeting

Closing ceremony

# Eligibility and Procedures

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## Expectations of the Applying Organizations

This program is designed primarily for the organizations that intend to address specific issues or problems identified in their operations. The applying organizations are expected to use this program for specific purposes.

This program is enriched with the contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the program to meet specific requirements of the applying organizations and effectively facilitate them toward solutions for the issues and problems.

In that sense, the applying organizations are expected to nominate the qualified candidates to address the said issues and/or problems, carefully referring to the qualifications below.

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## Nominee Qualifications

The applying organizations are expected to select nominees who meet the following qualifications.

### 【Remarks】

Each Organization is requested to strongly encourage female candidates to apply for the course to accelerate the realization of gender equality and women's empowerment.

Disabilities: The organizations shall not exclude people with disabilities. They have an opportunity to apply for the program if they meet the required qualifications. However, some programs might have difficulty for them to participate due to environmental and other conditions. Reasonable accommodation will be considered for participants with disabilities. ("Reasonable accommodation" means necessary and appropriate modification and adjustments not imposing a disproportionate or undue burden, where needed in a particular case.)

## Essential Qualifications

- 1) **Current Duties:** a responsible person or a person in charge (officer, engineer, researcher, etc.) of hydropower development in the ministries, agencies, and/or related organizations (incl. electric power utility).
- 2) **Experience in the Relevant Field:** have at least 5 years' practical experience in the above mentioned fields.
- 3) **Educational Background:** be a graduate of university or equivalent.
- 4) **Language:** have an excellent English capability enough to make presentation, exchange and discuss ideas during the program equivalent to TOEFL iBT 80 or above.
- 5) **Technical Requirements:** need to bring your own laptop meets below specs.
  - a. Hardware (Minimum Requirement)
    - Processor: Intel Core 2 Duo or higher; 2GHz or higher
    - Memory: 4GB of RAM or higher
    - Hard Drive Space: 5GB free disk space
    - Others: Webcam Microphone, and Audio output Device (Speaker or Headset)
  - b. Software
    - [OS] Latest version of Windows / Mac OS / Android
    - [Application] Latest and official version of Microsoft Office (Excel, PowerPoint) and web browser (Google Chrome/ Firefox/ Microsoft Edge /Safari)
- 6) **Health:** must be in good health to participate in the program in Japan. Participant's health and safety should be most respected. Preexisting conditions and pregnancy may lead to health problems due to stress from international travel, different climates, and new living environment. In recent years, regrettable cases have occurred, including the exacerbation of symptoms after arrival and, in the case of pregnancy, stillbirth. Some participants have also incurred substantial out of pocket medical costs. Please take a moment to consider whether to participate after confirming your agreement to the points below.
  - ① Questionnaire ("QUESTIONNAIRE ON MEDICAL STATUS AND RESTRICTION") on Application Form
 

If any of the following apply, you must state them accurately in the questionnaire, even if they do not affect your current work or daily life.

    - a. Chronic diseases (e.g., hypertension, diabetes)
    - b. Conditions currently under treatment
    - c. Past illnesses that have been resolved (including serious conditions affecting the heart, liver, or brain; tuberculosis, etc.)
    - d. Pregnancy (for female applicants)
  - ② Medical certificate
 

Please submit a medical certificate issued by a doctor that your condition

is stable and that, from a medical standpoint, there is no problem with your participation in KCCP in Japan.

Applicable cases:

- a. Chronic diseases (e.g., hypertension, diabetes)
- b. Conditions currently under treatment
- c. Past illnesses that have been resolved (including serious conditions affecting the heart, liver, or brain; tuberculosis, etc.)

③ Reporting changes

If pregnancy or any health issues are identified after submitting the form, please report them to JICA promptly.

④ Insurance coverage

Medical and additional living expenses related to pregnancy and preexisting conditions are NOT covered by insurance arranged by JICA. Such costs must be borne entirely by the participant; JICA assumes no liability.

\* Please understand that insurance coverage applies only to sudden illness or injury occurring during your stay in Japan.

\* Medical expenses in Japan could be a significant financial burden when not covered by insurance.

## Recommended Qualifications

- 1) **Age:** preferred to be less than 45 years old
- 2) **Gender Equality and Women's Empowerment:** JICA seeks more female applicants due to the past records of fewer applications from women. JICA is committed to promoting gender equality and women's empowerment and provides equal opportunities for all applicants regardless of their sexual orientation or gender identity.

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## Required Documents for Application

- 1) **Application Form:** The Application Form is available at the JICA overseas office (or the Embassy of Japan)
  - \* If you have any difficulties/disabilities which require assistance, please specify necessary assistances in the QUESTIONNAIRE ON MEDICAL STATUS RESTRICTION (1-(c)) of the form. Information will be reviewed and used for reasonable accommodation.
- 2) **Photocopy of Passport:** You should submit it 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.

\*The following information should be included in the photocopy: Name, Date of Birth, Nationality, Sex, Passport Number and Expiry Date

\*It is recommended that your passport be valid for more than 6 months after the last day of the program.

- 3) **English Score Sheet:** to be submitted with the application form, if the nominees have any official English examination scores. (e.g., TOEFL, TOEIC, IELTS)

\*In case the nominee does not have it, JICA will take the English interview test.

- 4) **Country Report:** to be submitted with the application form. This report will be used as one of the nominees' screening documents (Please refer to ANNEX I).

## Procedures for Application and Selection

### 1) Submission of the Application Documents

**Closing date for applications:** Please confirm the local deadline with JICA overseas office (or the Embassy of Japan).

**(All the necessaries documents must be collected at JICA Tokyo Center by August 31, 2026)**

### 2) Selection

The primary screening is conducted at the JICA overseas office (or the embassy of Japan) after receiving all the necessary documents. Final selection is made by JICA Tokyo Center with consultation by the concerned organizations.

Applying organizations with the best intentions to utilize the opportunity will be highly valued.

The Government of Japan will examine the applicants who belong to the military or other military-related organizations and/or who are enlisted in the military, taking into consideration their duties, positions and other relevant information in a comprehensive manner to be consistent with the Development Cooperation Charter of Japan.

### 3) Notice of Acceptance

The notification of result will be made by JICA overseas office (or the Embassy of Japan) **not later than September 22, 2026.**

## Additional Document to be Submitted by Accepted Candidates

The accepted participants are required to make "Country Report Presentation" and submit to JICA Tokyo Center **by October 5, 2026.**

(email address: [Mori.Yoshinori2@jica.go.jp](mailto:Mori.Yoshinori2@jica.go.jp))



The participant is required to give the presentation on Day 1 of this course. (Please refer to ANNEX II)

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## Other Conditions for Participation

The accepted participants are required

- (1) to strictly observe the course schedule,
- (2) not to change the air ticket (and flight class and flight schedule arranged by JICA) and lodging by the participants themselves,
- (3) to understand that leaving Japan during the course period (to return to home country, etc.) is not allowed (except for programs longer than one year),
- (4) not to bring or invite any family members (except for programs longer than one year),
- (5) to carry out such instructions and abide by such conditions as may be stipulated by both the nominating Government and the Japanese Government in respect of the course,
- (6) to observe the rules and regulations of the program implementing partners to provide the program or establishments,
- (7) not to engage in political activities, or any form of employment for profit,
- (8) to discontinue the program, should the participants violate Japanese laws or JICA's regulations, or the participants commit illegal or any type of immoral conduct including sexual harassment, or get critical illness or serious injury and be considered unable to continue the course. The participants shall be responsible for paying any cost for treatment of the said health conditions except for the medical care stipulated in "Administrative Arrangements 3. Expenses (3)",
- (9) to return the total amount or a part of the expenditure for the KCCP depending on the severity of such violation, should the participants violate the laws and ordinances,
- (10) not to drive a car or motorbike, regardless of an international driving license possessed,
- (11) to observe the rules and regulations at the place of the participants' accommodation, and
- (12) to refund allowances or other benefits paid by JICA in the case of a change in schedule,
- (13) to promptly notify JICA in case there are any changes in the health status (e.g. new injury, illness or discovery of pregnancy) from the time of application.

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## Completion Requirement

Certificate of completion will be presented by JICA when the conditions below are met.

- (1) to attend more than 70% of the whole program.
- (2) to submit all the assignments (report and questionnaire) requested by JICA.

# Administrative Arrangements

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## 1. Organizer (JICA Center in Japan)

- (1) Center : JICA Tokyo Center (JICA TOKYO)
  - (2) Program Officer : Mr. MORI Yoshinori (Mori.Yoshinori2@jica.go.jp)
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## 2. Implementing Partner

Japan Electric Power Information Center Inc. <<https://www.jepic.or.jp/en/>>

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## 3. Travel to Japan

- (1) Air Ticket : In principle, JICA will arrange an economy-class round-trip ticket between an international airport designated by JICA and Japan.
  - (2) Travel Insurance : Coverage is from time of arrival up to departure in Japan. Traveling outside of Japan (including damaged baggage during the arrival flight to Japan) will not be covered.
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## 4. Accommodation in Japan

You will mainly stay at following facility in Japan.

**JICA Tokyo Center (JICA TOKYO)**

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

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

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

Please refer to facility guide of JICA TOKYO below

<https://www.jica.go.jp/tokyo/english/office/index.html>

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## 5. Expenses

The following expenses in Japan will be provided by JICA:

- (1) Allowances for meals, living expenses, and stopover.



- (2) Expenses for study tours (basically in the form of train tickets).
- (3) Medical care for participants who become ill after arriving in Japan (the costs related to pre-existing illness, pregnancy, or dental treatment are **not included**).
- (4) Expenses for program implementation, including materials.
- (5) For more details, please see “III. ALLOWANCES” of “KENSHU-IN GUIDE BOOK,” which will be given before departure for Japan.

\*Link to JICA HP (English): [For participants](#) | [What We Do - JICA](#)

## 6. Pre-departure Orientation

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

Part I: Knowledge Co-Creation Program and Life in Japan	
English ver.	<a href="https://www.youtube.com/watch?v=SLurfKugrEw">https://www.youtube.com/watch?v=SLurfKugrEw</a> 
Part II: Introduction of JICA Centers in Japan	
JICA Tokyo	<a href="https://www.jica.go.jp/tokyo/english/office/index.html">https://www.jica.go.jp/tokyo/english/office/index.html</a>  <a href="https://www.youtube.com/watch?v=qUsxpNG5p4E">https://www.youtube.com/watch?v=qUsxpNG5p4E</a> 

## 7. Reference

Japan’s Experience in Energy (JICA Net Library)

[【JICA Chair】 Japan’s Experience in Energy and Mining Development Part 1: Energy](#)

**KENSHU-IN GUIDE BOOK**

For more detailed terms and conditions



[JICA Knowledge Co-Creation Program\(KCCP\) | 研修事業 \(KCCP\) |](#)

**Video: JICA Predeparture Briefing**

For more information on life in Japan and KCCP [JICA Knowledge Co-Creation Program\(KCCP\) | 研修事業 \(KCCP\) |](#)

**Website: JICA**

[https://www.jica.go.jp/english/our\\_work/types\\_of\\_assistance/tech/acceptance/training/index.html](https://www.jica.go.jp/english/our_work/types_of_assistance/tech/acceptance/training/index.html)



# Annex I

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## Country Report

All the applicants are required to make and submit the Country Report with the Application Form to JICA overseas office (or the Embassy of Japan). It will be used as one of the screening documents.

“Country Report” should be made along the agenda below in the format of A4 size, maximum 6 pages in English. It is highly recommended to include the photos, graphics, maps and figures for easy understanding.

**It will be collected together with the application form and other necessary documents at JICA Tokyo Center via JICA overseas office by August 31, 2026.**

### Agenda of the Country Report.

1. Country General Information
2. Renewable Energy especially Hydropower Development Policy and National Framework
3. Profile of Organization related to Renewable Energy especially Hydropower Development
4. Current and Upcoming Hydropower Project with Budget Plan
5. Challenge / Issue to be Tackled
6. Expectation of This Program

### Existing Documents explaining Strategy of Organization/Country.

It is required to attach existing documents explaining the strategy of organization and/or country with the Country Report.

# Annex II

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## Country Report Presentation

**The participant is required to give the 10 minutes presentation and 5 minutes Q&A on Day 1 of this program** to share the basic information about participant's country and work among all the participants including implementing partners which makes the program more fruitful.

The Presentation should be made along the same agenda as Country Report (ANNEX I) in the format of "Power Point", maximum 6 pages in English and **must be submitted to JICA Tokyo Center (email address: [Mori.Yoshinori2@jica.go.jp](mailto:Mori.Yoshinori2@jica.go.jp)) by October 5, 2026.** The presentation template will be sent to the accepted participants separately after the notification of acceptance on September 22, 2026.

### Agenda of Country Report Presentation (same as the Country Report)

1. Country General Information
  2. Renewable Energy especially Hydropower Development Policy and National Framework
  3. Profile of Organization related to Renewable Energy especially Hydropower Development
  4. Current and Upcoming Hydropower Project with Budget Plan
  5. Challenge / Issue to be Tackled
  6. Expectation of This Program
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# For Your Reference

## JICA and Capacity Development

Technical cooperation is people-to-people cooperation that supports partner countries in enhancing their comprehensive capacities to address development challenges by their own efforts. Instead of applying Japanese technology per se to partner countries, JICA's technical cooperation provides solutions that best fit their needs by working with people living there. In the process, consideration is given to factors such as their regional characteristics, historical background, and languages. JICA does not limit its technical cooperation to human resources development; it offers multi-tiered assistance that also involves organizational strengthening, policy formulation, and institution building.

Implementation methods of JICA's technical cooperation can be divided into two approaches. One is overseas cooperation by dispatching experts and volunteers in various development sectors to partner countries; the other is domestic cooperation by inviting participants from developing countries to Japan. The latter method is the Knowledge Co-Creation Program, formerly called Training Program, and it is one of the core programs carried out in Japan. By inviting officials from partner countries and with cooperation from domestic partners, the Knowledge Co-Creation Program provides technical knowledge and practical solutions for development issues in participating countries.

The Knowledge Co-Creation Program (Group & Region Focus) has long occupied an important place in JICA operations. About 400 pre-organized courses 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 is being customized by the different target organizations to address the specific needs, 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, as the first non-Western nation to become a developed country, built itself into a country that is free, peaceful, prosperous and democratic while preserving its tradition. Japan will serve as one of the best examples for our partner countries to follow in their own development.

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 a process of adoption and adaptation, of course, has been accompanied by countless failures and errors behind the success stories.

Through Japan's progressive adaptation and application of systems, methods and technologies from the West in a way that is suited to its own circumstances, Japan has developed a storehouse of knowledge not found elsewhere from unique systems of organization, administration and personnel management to such social systems as the livelihood improvement approach and governmental organization. It is not easy to apply such experiences to other countries where the circumstances differ, but the experiences can provide ideas and clues useful when devising measures to solve problems.

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.



This information pertains to one of the JICA Knowledge Co-Creation Programs (Group & Region Focus) of the Japan International Cooperation Agency (JICA) implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.



## **Correspondence**

For enquiries and further information, please contact the JICA local office or Embassy of Japan.

**Further, address correspondence to:**

### **JICA Tokyo Center (JICA Tokyo)**

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

TEL: +81-3-3485-7659 FAX: +81-3-3485-7904

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