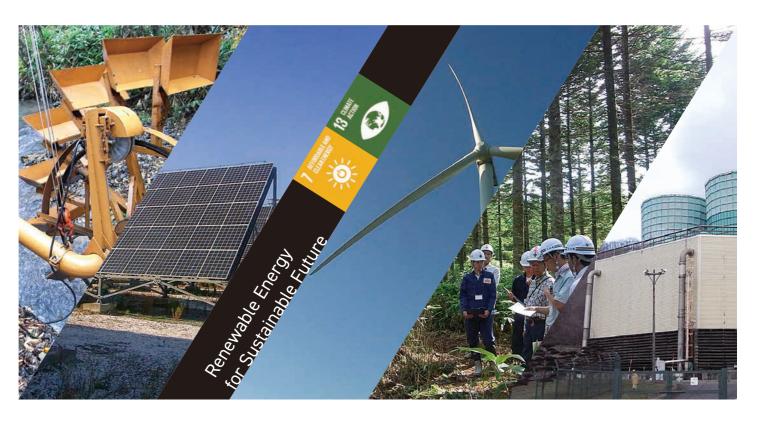
Knowledge Co-creation Program

Adaptation of Small-Scale Renewable Energy as a Step for Climate Change





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

Further, address correspondence to:

JICA Hokkaido Center (Sapporo)

Address: Minami 4-25, Hondori 16-chome, Shiroishi-ku, Sapporo, Hokkaido, 003-0026, Japan TEL: 81-11-866-8393 FAX: 81-11-866-8382 ("81" is the country code for Japan, and "11" is the local area code) Valid for: Fiscal Year 2019-2020







Knowledge Co-creation Program

Adaptation of Small-Scale Renewable Energy as a Step for Climate Change

Learn about our challenge for a sustainable future

Small, Smart and Sustainable

with the lush natural environment and pioneer spirit of Hokkaido.







For what?

This program aims to facilitate participants' learning and understanding about Japan's experiences regarding small-scale renewable energy and sustainable uses of regional resources. Participants are also expected to improve skills in developing plans for renewable energy to mitigate climate change in their countries.

Our focus is "small-scale" and "prior" implementations of renewable energy such as evaluation and sustainable management of regional resources, building consensus with local residents, contribution to boosting local economies and cooperation between central/local authorities and communities.

For whom?

Targeted countries

All countries

This program is carried out in English.

Job areas

Planning, policymaking and administration of following areas;

- Climate change
- Renewable energy
- Community development

Organizations

- Central and local governments
- Public/private sectors

Qualifications

- More than 3 years' work experience in related fields
- Competent English speakers
- Between 30 and 45 years old
- University graduate or equivalent

Where?

This course will be carried out in Japan's northern-most island of Hokkaido, which is blessed with a lush natural environment in which diverse natural resources are available to use as energy sources.

In addition, we have been promoting renewable energy in a unique way that maintains balance between reducing carbon emissions for climate change and tackling regional challenges such as depopulation and economic stagnation.

Introduction of a JICA Hokkaido

https://youtu.be/ZTw5Dtcu8o4



Osaka



When?

Valid for

Fiscal Years 2019–2020

Duration

Approximately 1 month

This program is held once a year from October to November. Please refer to the **General Information(GI)** for more details.



Why?

Combating climate change is now a common challenge all over the world. Renewable energy is a key solution to overcoming this challenge by cutting carbon emissions.

It is also expected to be an effective response to increasing energy demand and improving access to electricity, which are urgent issues in many developing countries.

Small-scale renewable energy could play a significant role that enhances these circumstances especially within communities.

How?

The course is carried out by JICA Hokkaido with a partner organization, Hokkaido Environment Foundation. Learning is enhanced by combining classroom teaching, study trips, discussions and workshops. Most lectures are delivered in Japanese, which are interpreted in English by a JICA training Coordinator.





AMPO Yoshihisa (Hokkaido Environment (JICA Hokkaido)

Foundation)



MCCRFARY Minori (Program Assistant)

Certificate

(Coordinator)

Participants who have successfully completed the program will be awarded a certificate by JICA.

Contact details

JICA Hokkaido > jicahkic@jica.go.jp

Program design

Modules Understanding the need to use small-scale renewable energy by local and sustainable sources. 2 Understanding the methodology of community participation to conserve natural resources for energy sources and to consolidate issues for local resources to develop small-scale energy sources. 3 Understanding connections between local industries and renewable energy by learning about Hokkaido's major industries such as agriculture. **4** Elaborating participants' action plans in relevant organizations after completing this course. Lectures **Observations** Wakkanai • Policy on Climate Solar Power Generation Change and Renewable Energy in Japan/ Wakkanai, Ishikari Wind Power Generation Regional Characteristics Furano and Renewable Energy in Hydro Power Generation Shimokawa Basic Theory on Power **Biomass Heat Utilization** Generation and Heating Betsukai **Biogas Power Generation** • Approach for Renewable Energy from the Position Mori of Private Companies, Geothermal Power Communities and NPOs

• Utilization of Renewable Energy as Solutions for Social-Economical-Environmental Issues

Hokkaido

Hokkaido

Technology

Generation / Heat Utilization

Furano, Wakkanai Waste Power Generation / Heat Utilization





Practice

Team building activities

Experience how to build a better teamwork

Workshop

Deepen the understanding of the lessons learned in Japan and formulate a final report

Final report

Formulate an outline plan to adapt the lessons learned in Japan to participant's home countries

Steps to Japan

Expenses covered by **JICA**

Application

Please submit the following documents to the JICA Office or the Embassy of Japan around August.



Essay

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Short self-introduction movie

Photocopy of passport Please refer to the General

Information (GI) for more details.

Selection

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JICA Hokkaido will hold a meeting with the implementing organization to review the application documents and select the participants.

Notification of results

The results will be notified through JICA Office in each respective country around September.

Air ticket Round-trip ticket between an

international airport designated by JICA and Japan

Travel insurance

From the arrival date in Japan to the departure date in Japan. As such, the travelling period outside Japan will not be covered.

Allowances for

accommodation, living expenses, outfit and shipping

Expenses for

· Study tours and its related transportation and accommodation costs Teaching materials

Medical care for

participants who become ill after arriving in Japan. Costs related to pre-existing illnesses, pregnancy or dental treatment are not covered.

Stay in Japan

Accommodation

JICA Hokkaido Center (Sapporo) is equipped with accommodation facilities for JICA training participants. For study tours taking place far from the Center, JICA will arrange hotels for the participants.













Seminar Room





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Climate

Hokkaido enjoys four distinctive seasons and you will need to prepare adequate clothing for the season in which you will participate in the program.

Spring	April, May Max temp	17.3°C	Min temp	3.2°C
Summer	June, July, Max temp	0	Min temp	12.9°C
Fall	September Max temp			r 1.3°C
Winter	December Max temp	· .	February, N Min temp	

This program is carried out in fall. It is necessary to prepare adequate fall clothing, such as knitted sweaters, a coat, a hat, gloves and a scarf.



