Online

Knowledge Co-Creation Program (Group and Region Focus)

Comprehensive Urban Transportation Planning

Course Number: **202107907J001**

Online Course Period:

[Group 1] December 5 - December 21, 2022
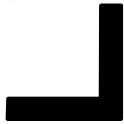
[Group 2] February 6 – February 22, 2023

JICA

NOTE: Adobe Acrobat Leader DC and Google Chrome are recommended as PDF viewer. JAWS and NVDA are recommended as screen reader.
NOTE: If there are any difficulties in reading this document, please contact JICA Office in your country or JICA Center in Japan.
NOTE: Depending on the circumstances, some or all of the program periods may be changed or cancelled after the application has been accepted.

都市交通総合

Imagine your country with accessible public transport for every one. What can we do to make it happen?

Gain insight to an essence of sustainable development of reliable urban transport system, transit-oriented development and more from the experience of Japan.

Outline

This program is designed for professionals working at central or local governments responsible for formulating policies and implementing projects in urban transport systems.

The sessions including self-study, lectures, planel discussions, group work and presentations will be held online via web conference delivered from Tokyo.

All sessions are carried out in English.

The period of the program is from December 5 to December 21, 2022, for Group 1, and from February 6 to February 22, 2023 for Goup 2. (excluding Fridays, Saturdays, and Sundays)

Course Capacity: 18 participants (9 participants per Group)
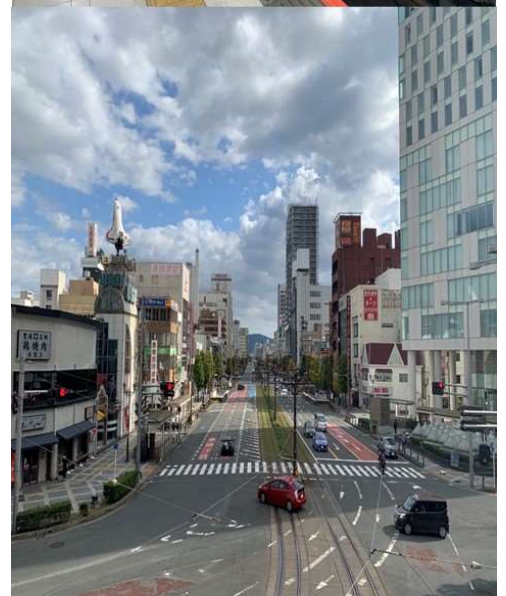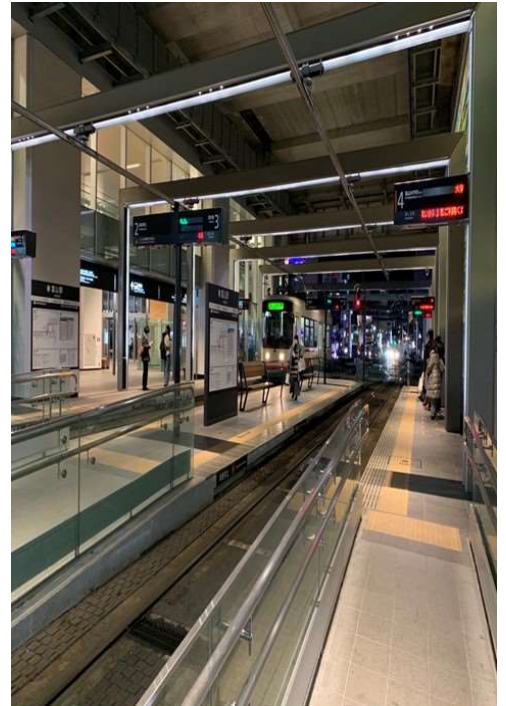
JICA Knowledge Co-Creation Program (KCCP)

The Japanese Cabinet released the Development Cooperation Charter in February 2015, 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.

Table of Contents

For What?

Background

Recently traffic congestion is one of the most serious issues in cities in the developing countries. Urban transportation plan not only plays a vital role alleviating traffic congestion, but also greatly affects the determination of urban structure, thus it needs to be aligned with urban development plans.

Objectives

This program aims to acquire knowledge and skills on analysis of urban transportation issues based on traffic survey and formulation of transportation plans based on demand forecast through seminars, workshops, and discussions.

During the program, participants will have **individual consultation sessions from Japanese professionals** to formulate an action plan for their respective countries.

To Whom?

Job Areas and Organizations

This program is designed for central and local government officials in cities with a population of 500,000 or more, who are engaged in the urban transport programs/projects.

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

Targeted Countries

[Group 1]
Brazil, El Salvador, India, Indonesia, Laos, Mongolia, Philippines, Sri Lanka, Thailand

[Group 2]
Egypt, Ethiopia, Iran, Jordan, Mozambique, Pakistan, Rwanda, Serbia, Tanzania

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

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When?

Online Program Period

[Group 1]
From December 5, 2022
to December 21, 2022

(excluding Fridays, Saturdays, and Sundays)

Country		JST	10:00	11:00	12:00	13:00
Japan	(JST)		10:00	11:00	12:00	13:00
PHILIPPINES		-1	9:00	10:00	11:00	12:00
MONGOLIA	(ULAT)	-1	9:00	10:00	11:00	12:00
INDONESIA		-2	8:00	9:00	10:00	11:00
LAOS		-2	8:00	9:00	10:00	11:00
THAILAND		-2	8:00	9:00	10:00	11:00
INDIA		-3.5	6:30	7:30	8:30	9:30
SRI LANKA		-3.5	6:30	7:30	8:30	9:30
BRAZIL	(BRT)	-12	22:00	23:00	0:00	1:00
EL SALVADOR		-15	19:00	20:00	21:00	22:00

[Group 2]
From February 6, 2023
to February 22, 2023

(excluding Fridays, Saturdays, and Sundays)

Country	JST	16:00	17:00	18:00	19:00
Japan		16:00	17:00	18:00	19:00
PAKISTAN	-4	12:00	13:00	14:00	15:00
IRAN	-5.5	10:30	11:30	12:30	13:30
ETHIOPIA	-6	10:00	11:00	12:00	13:00
TANZANIA	-6	10:00	11:00	12:00	13:00
EGYPT	-7	9:00	10:00	11:00	12:00
JORDAN	-7	9:00	10:00	11:00	12:00
MOZAMBIQUE	-7	9:00	10:00	11:00	12:00
RWANDA	-7	9:00	10:00	11:00	12:00
SERBIA	-8	8:00	9:00	10:00	11:00

Online Q&A Session

To be announced.

Where?

This course is carried out totally online, organized by JICA Tokyo Center. You will receive essential reading materials for your self-study at your office or home. As the online homeroom and Q&A sessions are held to assist your learning process, you are required to have a certain IT environment. For details, see page 13.

Tokyo Center

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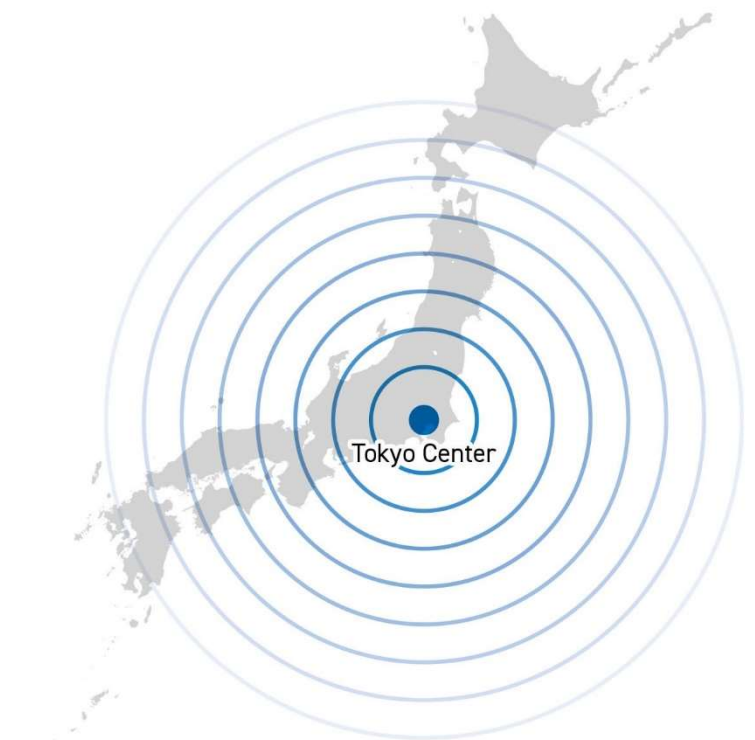
How?

How to Learn

- Online Self-Study
- Online Interactive Q&A Session
- Online Lectures
- Online Discussions
- Online Presentations

Study Watch Listen Experience

Chat Present Discuss

Language

English

Commitment to the SDGs

Program Structure

1. To analyze current situations and major issues in urban transport in the participants' countries.
2. To understand the issues and solutions on urban transportation through the experience of cities in Japan and other countries.
3. To acquire comprehensive knowledge to formulate urban transport master plan such as traffic survey, demand forecast, planning of road and public transportation network, formulation of traffic management policy, concept of transit-oriented development (TOD) and others.
4. To share knowledge regarding the influence and counter measures against COVID-19 on urban transportation.

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Contents of the Online Program(Example of last year's program)

	Contents
Day 1	-Program Orientation -Lecture "Transport Strategy for Sustainable City: Raiway and City Planning" -Lecture "Public Transport Plan (including MaaS)" -Dicussion Session
Day 2	-Lecture "Land Use and Urban Transport" -Lecture "Urban Development and Urban Transport" -Discussion Session
Day 3	-Lecture "Urban Logitics Plan" -Lecture "Mobility Management Measures" -Discussion Session
Day 4	-Lecture "Introduction to Traffic Surveys and Demand Forecast" -Lecture "Traffic Safety Measures" -Discussion Session
Day 5	-Lecture "Introduction to Urban Transport and Masterplan" -Guidance on the preparation of Action Plan -Discussion Session/Action Plan Case Introduction
Day 6	-Lecture"Traffic Management Measures" -Lecture "Development of Public Transport Network and Urban and Development" -Discussion Session/Action Plan Case Introduction
Day 7	-Guidance on the preparation of Action Plan -Discussion Session
Day 8	-Lecture "Parking Management" -Guidance on the preparation of Action Plan/Discussion Session
Day 9	-Lecture "TOD Introduction" -Guidance on the preparation of Action Plan/Discussion Session
Day 10	-Lecture "Overview of Public Transport Operation and Business" -Guidance on the preparation of Action Plan/Discussion Session
Day 11	-Presentation of Action Plan -Evaluation Session /Closing Ceremony

There may be some minor changes in the contents for this year's program.

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Management Members

Course Advisor

Dr. NAKAMURA Hideo
Professor
Department of Civil Engieering, College of Science and Technology
Nihon University

Dr. NAKAMURA has long experience in urban planning as a government official.   He had worked in the Ministry of Land, Infrstructure, Transport and Tourism for more than 20 years.   He had also served for the local government as an executive officer. Since 2016, he has been the professor at the Nihon University.   Dr. NAKAMURA received a Ph.D. in engineering in 2015.

Course Leader (Implementing Partner)

Mr. SEKI Yosui
Executive Officer
Transportation Planning Division, Overseas Department
ALMEC Corporation

Message: In the past, the norm of urban transport planning was to formulate plans that aim to (1) improve traffic congestion, (2) reduce accident fatalities, and (3) improve the environment. In recent years, "providing safe and sustainable mobility" has been emphasized. The gender viewpoint is also important when considering the mobility improvement of those who live in urban areas. You can touch the trend of urban transport in these days, through the series of lecture by Japanese professors and the discussion among experts and participants.   We are looking forward to your active participation!

Program Officer

Ms. KAMIYA Machiko
Senior Assistant Director
Tokyo Center, Japan International Cooperation Agency (JICA Tokyo)

Message: Welcome to JICA Knowledge Co-Creation Program (KCCP)! We welcome participants who can share their experience, who can actively participate in discussions, and who are willing to learn from each other.   We look forward to meeting you in October!

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Eligibility and Procedures

1. Expectations to the Applying Organizations

(1) This course is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Applying organizations are expected to use the program for those specific purposes.

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

2. Nominee Qualifications

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

(1) Essential Qualifications

1) <u>Current Duties:</u> Central or local government officials who are in charge of policy planning and implementation in urban transport sector in central or local government of a city with a population of 500,000 or more.

2) <u>Experience in the Relevant Field:</u> have more than 5 years' experience in urban transport planning and management.

3) <u>Educational Background:</u> be a graduate of university

4) <u>Language Proficiency:</u> have a competent command of spoken and written English proficiency (This program includes active participation in discussions, which requires high competence in English. Please attach an official certificate such as TOEFL, TOEIC etc, if possible)

5) <u>Technical Requirements:</u>
   a Technology Proficiency

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- Basic computer skills such as, sending/receiving email with attachments, and using a web browser.
- Online course is delivered using the following services, Online Platform* (JICA-VAN), Web Conferences (Zoom), Cloud Storage (GIGAPOD), and YouTube. Online tutorial and support by JICA will be limited. The ability to be self-directed in learning new technology skills are required.

  *JICA's Learning Management System. Login ID and password will be issued accordingly after the acceptance notice.

b Internet Connection

- High Speed Broadband Connection (at least 2Mbps).

  *Internet access charge incurred for this course shall be borne by your organization.

c Hardware (Minimum Requirement)

- Regular access to a computer, either from your home or from your office.
- Operating System: Windows or Mac OS (Updated version is preferred).
- Processor: Intel Core 2 Duo or higher; 2GHz or higher
- Memory: 4GB of RAM or higher
- Hard Drive Space: 5GB free disk space
- Browser: Google Chrome is preferred browser. (Edge, Firefox, Safari can be used)
- Others: Webcam Microphone, and Audio output Device (Speaker or Headset)

d Software (which may be required)

- Zoom Client for Meeting (https://zoom.us/download).

  *In case you are using your office computer and use of Zoom is not authorized by your IT administrator, please notify JICA at the time of application.

(2) Recommended Qualifications

1) <u>Age:</u> under forty-five(45) years of age.

2) <u>Gender Equality and Women's Empowerment:</u> Women are encouraged to apply for the program. JICA makes a commitment to promote gender equality and

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women's empowerment, providing equal opportunity for all applicants regardless of sexual orientation and gender identity.

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3. 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 application form.

(2) Photocopy of Passport or other official ID: You should submit it with the application form. 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/ID Number and Expiry Date

(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)

(4) **Questionnaire:** to be submitted with the application form. Fill in Annex I of this General Information.

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4. Procedures for Application and Selection

(1) Submission of the Application Documents

Closing date for applications: **Please confirm the local deadline with the JICA overseas office (or the Embassy of Japan).**
(All required materials must arrive at JICA Center in Japan by October 17, 2022 for Group 1, and December 9, 2022 for Group 2)

(2) Selection

Primary screening is conducted at the JICA overseas office (or the Embassy of Japan) after receiving official documents from your government. JICA Center in Japan will consult with concerned organizations in Japan in the process of

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

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

(3) Notice of Acceptance

The JICA overseas office (or the Embassy of Japan) will notify the results **not later than November 7, 2022 for Group 1, and January 6, 2023 for Group 2.**

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5. Additional Document(s) to Be Submitted by Accepted Candidates (for further details, please refer to Annex II)

• Additional Questionnaire

Accepted candidates are requested to answer an additional questionnaire via Google Form. Details will be sent to the accepted candidate's email address.

• Country Report -- to be submitted by November 21, 2022 for Group 1, and January 23, 2023 for Group 2

Accepted candidates are requested to prepare a Country Report and should be submitted via JICA-VAN.

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6. Conditions for Participation

The participants of KCCP are required
(1) to strictly observe the course schedule,
(2) 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,
(3) to observe the rules and regulations of the program implementing partners to provide the program or establishments,
(4) not to engage in political activities, or any form of employment for profit,

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(5) to discontinue the program, should the participants violate the Japanese laws or JICA's regulations, or the participants commit illegal or immoral conduct, or get critical illness or serious injury and be considered unable to continue the course.

(6) 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,

(7) to observe the rules and regulations at the place of the participants' accommodation, and

(8) to refund allowances or other benefits paid by JICA in the case of a change in schedule.

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Administrative Arrangements

1. Organizer (JICA Center in Japan)

    (1) **Center**: JICA Tokyo Center (JICA TOKYO)

    (2) **Program Officer**: Ms. KAMIYA Machiko (tictee@jica.go.jp)
        (Kamiya.Machiko@jica.go.jp)

2. Implementing Partner

    (1) **Name:** ALMEC Corporation

    (2) **URL:** ALMEC Corporation – Urban and Transportation Consultant

3. Expenses

    The following expenses in Japan will be provided by JICA

    (1) Expenses for program implementation, including materials.

4. Reference Information

    You Tube of "Knowledge Co-creation Program and Life in Japan" and "Introduction of JICA Center" are available from the link below.

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

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Annex I

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Questionnaire (Internet learning environment)

Name:
Country:

Please answer the following questions. If you need any assistance for the preparation of the learning environment, please consult with the JICA overseas office.

1. **Learning Place** (From where are you going to attend this online program?)

(   ) Home

(   ) Workplace

(   ) Other place (   )

2. **Device & Network** (Please describe your device and network.)

(1)Device: ex) Personal Computer, Office Computer, Tablet, Cellphone etc.

(   )

(2)Operating System: ex) Windows 11, Windows10, MacOS X, MacOS 10.9.X,etc.

(   )

(3)Browser: ex) Internet Explorer11+, Edge12+, Chrome 30+,etc.

(   )

(4)Network: ex) Wi-Fi, Wired LAN, etc.

(   )

3. **Application** (Please let us know about the application.)

(1)You can download and sign in "ZOOM" application.   (Yes/No)

     Download from https://zoom.us/download

(2)You can view "YouTube" video.   (Yes/No)

          Sample: https://www.youtube.com/watch?v=wJkyQZRmSes

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4. Communication

What is your WhatsApp number? Including country code (   )

5. Other information

If you have any specific online environment, please describe them in detail.

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Annex II

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(1) Questionnaire

Accepted candidates are requested to answer an additional questionnaire via Google Form.   Details will be sent to the accepted candidate's email address.

(2) Country Report

Accepted candidates are requested to prepare a Country Report.
> To be prepared with MS Power Point. It is advisable to put the charts and pictures.
> Should be less than 15 slides.
> Should be uploaded to online platform (JICA-VAN) by November 21, 2022 for Group 1, and January 23, 2023 for Group 2. The username of JICA-VAN will be notified after the appetence notice.

- Topics to be Included

1. Country, Name, Roles and Responsibilities of Organization
2. Organizational Chart (Please attach a chart of your organization, and circle the division to which you belong to.
3. Overview of Country and Urban Transportation
   - Population of the country
   - Population of the biggest urban region and city of the country
   - Number of privately owned automobiles
   - Estimated number of the daily passengers in a city by Bus, Taxi, Railway, Subway and Tram (streetcar)
   - Basic Fares (Minimum Fares in USD) of Each Public Transportation Mode such as Bus, Taxi, Railway, Subway and Tram (Streetcar)
   - Tax rate per one (1) liter of gasoline in U.S. Dollars, in case the tax is imposed in your country
   - Existing urban transportation plan/master plan with "City Planning Map", "City Map" of the major city in your country or the city you are working - e.g. forecast of future traffic volume, road networks, public transportation plans and terminals.
4. Problems/Issues (to be addressed)
   - Urban transportation issues/problems in major cities (general aspect)

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- Problems/issues with regard to
  - Urban transportation policies for sustainable urban development
  - Urban transportation measures to ensure smooth transportation
  - Urban traffic survey and demand forecasting practiced in the cities
  - Development of public transportation system and increasing use of public transportation in the cities
  - Implemented interventions/project against respective issues/problems mentioned above, internally/internationally
  - Specific issues and problems you would like to study through this program.

- Preparation for a Presentation

Participants are required to deliver a 10-minute presentation on the Country Report of their respective countries.

*Please note, we may ask countries with more than one participants to prepare the Country Report individually, but present it as a group.

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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 course 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.

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Correspondence

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

Further, address correspondence to:

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 for Japan, and "3" is the local area code)