Knowledge Co-Creation Program (Group and Region Focus) Methodologies and Approaches to Realize Smart City



Course Number: 202311598J001 Course Period: August 30- September 12, 2024



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.

スマートシティ実現に向けた手法・アプローチ

How do we Realize an effective smart city?

Gain insight to an essence of sustainable regional development more practical, more interactive, more inspirational from the experiences of Japan.



Outline

This program is designed for the management and implementing level personnel in smart city planning or urban planning and related governmental organizations to learn about Japanese practice in smart city.

The sessions will be held face to face and will include discussion with other participants.

All sessions are carried out in English.

The period of the program is from August 30 to September 12, 2024.

Course Capacity: 3 participants



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, Objectives)
To Whom? (Job Areas and Organizations, Targeted Countries)7
When? (Face-to-Face Program Period)
Where? (Place Where the Program Take Place)
How? (How to Learn, Language, Commitment to the SDGs)
Voice (Past Program Alumni Comments) 12-13
Eligibility and Procedures (Expectations to the Applying Organizations, Nominee Qualifications) 14-15 (Required Documents for Application) 15 (Procedures for Application and Selection) 16 (Additional Document(s) to Be Submitted by Accepted Candidates) 16-17 (Conditions for Participation) 17
Administrative Arrangements (Organizer (JICA Center in Japan), Implementing Partner, Travel to Japan, Accommodation in Japan, Expenses, Pre-departure Orientation)
Other Information 22
Annex (Country Report, Assessment Sheet) 22-27
For Your Reference (JICA and Capacity Development, Japanese Development Experience)
Correspondence (For Enquiries and Further Information)

For What?

Background

Cities in developing countries are undergoing rapid urbanization and this poses numerous urgent challenges in terms of infrastructure, basic services, economy, health, education, security, and natural resources, among others. In addressing these challenges, while also ensuring sustained and inclusive economic growth; social and cultural development; and environmental protection, improvement of the city management is vital. Smart cities - urban management practices utilizing ICT and urban data are increasingly drawing attention to their potential to transform how cities provide infrastructure and basic services, enhance citizen participation, strengthen city governance, and enable leapfrogging evolution.

Smart City approach is one of the approaches to solve urban issues. To realize Smart City, it is necessary to consider how to solve urban issues by various perspectives such as policies, economics, and technologies. Urban issues consist of multi sectors such as mobility, energy, health care, and solid waste and require management among many stakeholders. This program will offer fieldwork and case studies based on Japanese Smart City experiences. Participants will visit related ministries and cities and learn Japanese examples of Smart Cities in order to realize Smart Cities in ASEAN and other countries.

Objectives

Participants obtain skills and knowledge to support sustainable urban development through Smart Cities in ASEAN and other countries in the future.



To Whom?

Job Areas and Organizations

This program is designed for the central and local government officials who are in charge of Smart Cities and urban development.

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

When?

Program Period



From August 30, 2024 to September 12, 2024

Targeted Countries

Cambodia, Vietnam and Brazil

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





This course is carried out face to face,

How?

organized by JICA Yokohama Center. The Program will be implemented mainly in Yokohama, Tokyo. Also Field trip to other region is planned.

How to Learn

- Lectures
- Q&A Session
- Field Visits
- Workshops
- Discussions
- Presentations

Language

English

Commitment to the SDGs





Tentative Program Structure

Day 1

Program orientation

Clarifying issues and opportunities concerning smart city in home country Sharing the Country Report and Assessment Sheet (Pre-work, before the course period)

Day 2

- Lecture: Introduction of Smart City in Japan (Science, Technology and Innovation Cabinet Office, Government Japan)
- Lecture: Initiatives on Smart City promotion in Japan (Ministry of Land, Infrastructure, Transport and Tourism)
- > Lecture: Data infrastructure development (Digital Agency)
- Discussion

Day 3

- Lecture:Data utilization -Case of 3D City Model(Ministry of Land, Infrastructure, Transport and Tourism)
- > Example of Private Sector Initiative Smart City Promotion (MURC)
- Discussion

Day 4

- > Lecture and Site Survey of Zero Emission City (Yokohama City)
- > Lecture and Site Surbey of mobility (Macnica, Yokohama Parner Company)

Day5

Move from Tokyo to Sendai

> Lecture:Local government's Smart City approach method (Sendai City)

Day6

- > Lecture and Site Survey:Local government's Smart City approach method (Sendai City)
- Discussion

Move from Sendai to Tokyo

Day7

Weekend



Day8

Weekend Move from Tokyo to Utsunomiya

Day9

 Lecture and Site Survey of Local government's Smart City approach method focused on Network Compact City (Utsunomiya City)

Move from Utsunomiya to Tokyo

Day10

Move from Tokyo to Odawara

 Lecture and Site Survey:Local government's Smart City approach method (Odawara City)

Move from Odawara to Tokyo

Day11

- > Lecture:Local government's Smart City approach method (Kakogawa City)
- > Lecture:Local government's Smart City approach method (Jakarta Smart City)
- Drafting Action Plan

Day12

- > Presentation of action plans and project ideas
- > Q&A, General Discussion
- Closing Ceremony



Management Members

Instructors (more to be confirmed)

Course Leader

Mr. KANNAMI Yasuo

Pacific Consultants Co., Ltd.

He has been in charge of Smart City. In collaboration with JICA, he has played an important role in Smart City Survey.

Ms. YAZAKI Ayase

Pacific Consultants Co., Ltd. She has been in charge of Smart City. In collaboration with JICA, she has played a role in Smart City Survey.

Mr. SUGIURA Masashi

Pacific Consultants Co. Ltd. He has been in charge of Smart City. In collaboration with JICA, he has played an important role.

Mr. Lean Alvin Pacific Consultants Co. Ltd. He has been in charge of Smart City. In collaboration with JICA, he has played an important role.

Coordinator

To be determined

Program Officer

Mr. ISOBE Ryosuke

Japan International Cooperation Agency (JICA) YOKOHAMA Center

Message: Hello, friends! Have you ever experienced struggling with Smart City planning and operation? In this program, we focus on Smart City as a key of the contribution by government officials to solve challenges in urban city development. Let's gain a new perspective on your work through discussions with the lecturers and other participants. I look forward to meeting you!











Voice

Past Program Alumni Comments

Mr. ALVES FERREIRA JUNIOR Claudio Brazil

My experience in Japan was incredible both personally and professionally. I was able to learn more about how Smart Cities initiatives have been developed with practical examples and through important guidelines necessary for their implementation. It was also possible to make professional contacts with Japanese companies and consultants, as well as colleagues from other countries who work on the same topic as me. It was possible to learn from some experiences in other countries that can be useful in my work.

Personally, learning in loco about Japanese culture was extremely enriching. Through cuisine, museums, urban spaces I could know and, mainly, through the people I had contact with, it was possible to see how attentive the Japanese people are.

I can safely say that I return to my country with ideas to improve my work and with great affection for the countries I had contact with during the course.





Ms. POL Chan Reasey Cambodia

It was a great pleasure to join this program. Providing the opportunity to learn about the concept of smart city in Japan. Amount on the lecture and discussion during the course, I can assume that the Smart City project is not all about highly advanced technology, creating a modern infrastructure, or adapting a high standard of application, it is all about the purpose of creating a city that is more convenience to the resident. We as policy makers and practitioners should know about the demands of the people in the region, and the condition of the region and gain public trust from the local people. We cannot change the world but we can create a comfort zone for our nation through smart city projects.





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) Current Duties: be a government or local government officer who is in charge of promorting Smart City initiatives

2) Experience in the Relevant Field: have more than 10 years' experience in the field of urban planning or urban development. The person who have more than 3 years' experience in Smart City policy is preferrable.

3) Educational Background: be a graduate of university

4) Language Proficiency: have a competent command of spoken and written English proficiency

5) Technical Requirements :



- a Technology Proficiency
 - Basic computer skills such as, sending/receiving email with attachments, and using a web browser.
- 6) Health: must be in good health to participate in the program in Japan. To reduce the risk of worsening symptoms associated with respiratory tract infection, please be honest to declare in the Medical History (QUESTIONNAIRE ON MEDICAL STATUS RESTRICTION of the application form) if you have been a patient of following illnesses; Hypertension / Diabetes / Cardiovascular illness / Heart failure / Chronic respiratory illness.
- 7) Multiple Candidates: It is desirable for the multiple participants' countries that one participant will be from central government and one participant will be from local government.

(2) Recommended Qualifications

1) Age: between the ages of thirty (30) and fifty (50) years

2) Gender Equality and Women's Empowerment: Women are encouraged to apply for the program. 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.

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. 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

(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. 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 material must arrive at JICA Center in Japan by June 29, 2024)

(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 will consult with concerned organizations in Japan in the process of final selection. If JICA Center would consider the contents of Application Form is not enough to select the appropriate candidates, JICA Center may ask to complement the contents of Application Form or to have an interview. 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 <u>not</u> <u>later than July 31 2024</u>.

5. Additional Document(s) to Be Submitted by Accepted Candidates

Country Report and Assessment Sheet to be submitted by August 19, 2024 Accepted candidates are required to prepare a Country Report (Please read Annex " Country Report" for detailed information.) and Assessment Sheet (Please read Annex " Assessment Sheet" for detailed information.) before their



departure. The Country Report and Assessment Sheet should be sent to JICA by August 19, 2024, preferably by e-mail to kccp_smartcity@tk.pacific.co.jp

6. Conditions for Participation

The participants of KCCP 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 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. The participants shall be responsible for paying any cost for treatment of the said health conditions except for the medical care stipulated in (3) of "3.Expenses", "Administrative Arrangements",
- (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.



Administrative Arrangements

1. Organizer (JICA Center in Japan)

- (1) Center: JICA Yokohama Center (JICA YOKOHAMA)
- (2) Program Officer: Mr. ISOBE Ryosuke (<u>victt1@jica.go.jp</u>)

2. Implementing Partner

- (1) Name: Pacific Consultants Co.,Ltd.
- (2) URL: https://www.pacific.co.jp/e/

3. Travel to Japan

- (1) **Air Ticket:** In principle, JICA will arrange an economy-class roud-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. Thus, traveling tive to outside Japan (include damaged baggage during the arrival fligt to Japan) will not be covered.

4. Accommodation in Japan

Basically, JICA will arrange the following accommodation(s) for the participants in Japan.

A hotel near Implementing Partner (Pacific Consultants)'s office



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 <u>are not</u> <u>included</u>).
- (4) Expenses for program implementation, including materials.
- (5) For more details, please see "III. ALLOWANCES" of the brochure for participants titled "KENSHU-IN GUIDE BOOK," which will be given before departure for Japan.

*Link to JICA HP (English/French/Spanish/Russian):

https://www.jica.go.jp/english/our_work/types_of_assistance/tech/accept



6. Pre-departure Orientation

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

*YouTube of "Knowledge Co-Creation Program and Life in Japan" and "Introduction of JICA Center" are viewable from the link below. Image videos of 'Introduction of JICA Center (YouTube)' show the following information of JICA Centers: Location, Building, Entrance, Reception(Front desk), Lobby, Office, Accommodation(Room), Amenities(Hand dryer), Bathroom(Shower and Toilet), Toiletries, Restaurant, Laundry Room(Washing machine, Iron), ICT Room(Computer for participants), Clinic, Cash dispenser, Gym, Neighborhood.

Part I: Knowledge Co-Creation Program and Life in Japan							
English ver.	https://www.youtube.com/watch?v=SLurfKugrEw						
French ver.	https://www.youtube.com/watch?v=v2yU9lSYcTY						
Spanish ver.	https://www.youtube.com/watch?v=m7l-WlQSDjI						
Russian ver.	https://www.youtube.com/watch?v=P7_ujz37AQc						
Arabic ver.	https://www.youtube.com/watch?v=1iBQqdpXQb4						
Part II: Introducti	on of JICA Centers in Japan						
JICA Hokkaido	https://www.jica.go.jp/sapporo/english/office/index.html						
(Sapporo)							
JICA Hokkaido	https://www.jica.go.jp/obihiro/english/office/index.html						
(Obihiro)							
JICA Tohoku	https://www.jica.go.jp/tohoku/english/office/index.html						
JICA Tsukuba	https://www.jica.go.jp/tsukuba/english/office/index.html						
JICA Tokyo	https://www.jica.go.jp/tokyo/english/office/index.html						
JICA Yokohama	https://www.jica.go.jp/yokohama/english/office/index.html						
JICA Hokuriku	https://www.jica.go.jp/hokuriku/english/office/index.html						
JICA Chubu	https://www.jica.go.jp/chubu/english/office/index.html						
JICA Kansai	https://www.jica.go.jp/kansai/english/office/index.html						
JICA Chugoku	https://www.jica.go.jp/chugoku/english/office/index.html						
JICA Shikoku	https://www.jica.go.jp/shikoku/english/office/index.html						
JICA Kyushu	https://www.jica.go.jp/kyushu/english/office/index.html						
JICA Okinawa	https://www.jica.go.jp/okinawa/english/office/index.html						



If the link of these youtube URLs has expired, please access the URL below and search the nessesary information from the key word.

https://www.youtube.com/user/JICAChannel02

7. Reference

PDF: KENSHU-IN GUIDE BOOK

For more detailed terms and conditions

https://www.jica.go.jp/english/our_work/types_of_assistance/tech/acceptance/training/c8h0vm0000011i07-att/guide_en.pdf



Video: JICA Predeparture Briefing For more information on life in Japan and KCCP https://www.youtube.com/watch?v=SLurfKugrEw



Website: JICA English/French/Spanish/Russian https://www.jica.go.jp/english/our_work/types_of_assistance/tech/acceptance/training/index.html





Other Information

Participants shall submit an "activity report" on their own action plan to JICA and

PCKK at <u>kccp_smartcity@tk.pacific.co.jp</u> drafted during the training in Japan within one month after their return to their home countries. The follow-up mission team will be dispatched to the selected country where the most progress has been made to provide some technical advice on the participants' activities.

Annex

Country Report

Information and Data on Smart City of your Country

Accepted applicants are expected to fill the form and submit it with the Application Form to JICA office in your country.

Country:		
Name:		

- 1. About your organization
- (1) Roles and responsibilities of the organization
- (2) Organization chart
- (3) Your responsibilities
 - a) Your post
 - b) Outline of the job you are in charge of



- 2. Overview of Smart City status/activities
- (1) Introduction of characteristics of your country and city including statistical data of urban area
- (2) The outline of policy, organization, system (such as ecosystems, laws and regulations), technology, and operation of smart city in your country/City
- (3) Summary of smart city related activities practiced in your country/City
- 3. Problem/Issues to be addressed
- (1) The issues and problems regarding promotion of Smart City including issues you are currently tackling (ex. organizational mechanism, Vision, Finance, Smart Technology, Data Management, stakeholder engagement, etc.,)
- (2) The causes and backgrounds of the issues and problems
- (3) Your idea to address the above-mentioned issues and problems
- (4) Specific issues and problems you would like to study through this program.

<u>Format</u>

(1) Report (MS PPT file)

Should be typewritten in English on A4 size paper (21 cm by 30 cm), formatted in digital data, within 10 pages.

(2) Presentation (MS Power Point presentation)The presentation time will be 10 minutes.

(Note)

- It is advisable that the report and the presentation be made with wealth of charts and pictures.
- The presentation should focus on "Section 4. Problem/ Issues to be addressed." You need to avoid the presentation on just the mere introduction of your country.



Assessment Sheet

The details how to write Assessment Sheet will be instructed when the Assessment Sheet will be distributed.

				when the Assessment Sheet will Fill in the yellow b	oox BEFORE the cour	se	Fill in the bule box DURING the course			
5	21	Contents	Score	Situation of your Country/City	Role of your	Other organization to be	Reviewed	Findings from the cases learnt from	Approach for the initiatives in	
Domain	Elements		(1-5)		organization in	relevant	Score	Japan and other participants	own country/city	
s					the elements		(1-5)			
Po	Philosophy and	The philosophy and the vision are								
Policy	Vision of Smart	envisaged to create new value for								
	City	the city, improve the wellbeing of								
		its citizens, and achieve								
		sustainable development.								
	Comprehensivenes	The vision is positioned as a								
	s of Vision and	strategic and comprehensive								
	Policy	approach that encompasses								
		multiple disciplines.								
	Specifics of	A clear message, purpose,								
	Vision and Policy	direction, and measurable targets								
		for smart city are presented.								
	Policy Alignment	The target domain of smart city is								
		clear and consistent with urban								
		planning and Digital								
		Transformation strategies.								
	Sustainability of	Sustainability of the policy is								
	Vision and Policy	ensured by adequate budgeting								
		plan and functional business								
		models.								
Org	Sharing and	Each related entity, including the								
Organization	Promotion of	citizen, shares and support the								
	Visions and	concept, vision, and values of								
ion	Concepts	smart city.								
	Promotion Body	A competent organization or								
		organizational structure is in place								
		to take on a leading and pivotal								



				Fill in the yellow	box BEFORE the cour	se	Fill in the bule box DURING the course				
5	21	Contents	Score	Situation of your Country/City	Role of your	Other organization to be	Reviewed	Findings from the cases learnt from	Approach for the initiatives in		
Domain	Elements		(1-5)		organization in	relevant	Score	Japan and other participants	own country/city		
s					the elements		(1-5)				
		role in the implementation of									
		smart city strategies and policies.									
	Triple / Quadruple	A triple-helix system of public,									
	Helix Partnership	private, and academia (or									
		quadruple-helix, adding citizens to									
		this) is incorporated into the smart									
		city ecosystem.									
	Organizational	An internal or an external									
	Effectiveness	organization capable of									
	and Capacity	drafting specifications; managing									
		selection and									
		steering implementation is in									
		place.									
Sys	Building	An effective, functional, and									
System	Ecosystems	sustainable ecosystem has been									
п		formed to promote Smart City.									
	Creating Trust	Trust is established among									
		stakeholders relevant in process of									
		planning, implementing,									
		operating, and promoting a smart									
		city.									
	Setting of Laws,	Norms regarding legal and									
	Regulations, and	administrative processes necessary									
	Systems	for smart city is clearly defined,									
		and incentive mechanisms and									
		facilities for promotion are in									
		place.									
	Citizen	A mechanism for citizen									



				Fill in the yellow	box BEFORE the cou	rse	Fill in the bule box DURING the course		
5	21	Contents	Score	Situation of your Country/City	Role of your	Other organization to be	Reviewed	Findings from the cases learn	
Domain	Elements		(1-5)		organization in	relevant	Score	Japan and other participants	
s					the elements		(1-5)		
	Participation	participation and co-creation is							
	and Co-creation	considered and is in place.							
	Cross-disciplinary	Smart City is linked to							
		decarbonization, digitalization,							
		economic growth, environmental							
		consideration, crisis response, and							
		improvement of the quality of life							
		of citizens.							
Гe	Urban	ICT platform (City OS) that							
chr	Infrastructure	connects the infrastructure for the							
Technology	Platform	Smart City solutions and data							
Vg(collaboration is planned or							
		established, either partially or at							
		full scale.							
	Data Utilization	City open data is organized and is							
		being used (or							
		being planned to be used) as big							
		data for Smart City, while also							
		sufficiently accounting for data							
		privacy.							
	Digital Security	ICT infrastructure (servers,							
		database, network,							
		sensors, various control systems) is							
		secure from cyber attacks and							
		contingencies.							
	Social Systems	The aspect of social design is							
	Design	introduced in the formulation of a							
	and	smart city, and the selection and							
	Implementation	implementation of smart							



Irnt from	Approach for the initiatives in
ts	own country/city

			Fill in the yellow box BEFORE the course					Fill in the bule box DURING the course			
5	21	Contents	Score	Situation of your Country/City	Role of your	Other organization to be	Reviewed	Findings from the cases learnt from	Approach for the initiatives in		
Domain	Elements		(1-5)		organization in	relevant	Score	Japan and other participants	own country/city		
s					the elements		(1-5)				
		technologies are harmonized with									
		civil society.									
Q	Flexibility of	A system is designed to flexibly									
bera	Promotion	accommodate and respond to									
Operation	System	changes in the political situation,									
		social environment, and									
		technological trends, as well as to									
		the needs of citizens.									
	Strengthening	Inter-city partnerships with									
	Collaboration	neighboring regions and other									
	and Partnerships	countries to share the latest									
		knowledge is established.									
	Ensuring	A mechanism for making medium-									
	Sustainability	to long-term commitments to									
		smart cities is established.									



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.



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 office or Embassy of Japan.

Further, address correspondence to: JICA Yokohama Center (JICA Yokohama)

Address: 3-1, Shinko 2-chome, Naka-ku, Yokohama City, Kanagawa Prefecture 231-0001, Japan TEL: +81-45-663-3221 FAX: +81-45-663-3265 (*81" is the country code for Japan, and "45" is the local area code)