



Online

JICA Program GENERAL INFORMATION

Knowledge Co-Creation Program (Group and Region Focus)

Human Resource Development on Private-Public-Academia for Agricultural and Rural DX / Smart Food Chain Co-creation (A)



Course Number: 202107812J001

Course Period: January 10- February 3, 2023



NOTE: Adobe Acrobat Reader 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.



How do we establish and promote Smart Food Chain (SFC)?

Acquire necessary knowledge to establish and promote SFC through Private-Public-Academia collaboration in each country.



Outline



This program is designed for central and local government (Ministry/Agency), research institutes, private sector engaged in agriculture and information and communication field.

Highly experienced lecturers from Private-Public and Academia will be invited to share their knowledge and experience on the status of DX/SFC, issues, technological development and the roles each of Private-Public and Academia.



The program will also encourage information exchange and matching (co-creation) between Private enterprise - Public.

The sessions will be held online and will include self-study and discussion with web conference.

All sessions are carried out in English.

The period of the program is from January 10 to February 3, 2023.

Course Capacity: 20 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) 6

To Whom?

(Job Areas and Organizations, Targeted Countries) 6

When?

(Online Program Period,) 7

Where?

(Place Where the Program Take Place) 7

How?

(How to Learn, Language, Commitment to the SDGs) 8

(Program Structure) 8-9

Eligibility and Procedures

(Expectations to the Applying Organizations, Nominee Qualifications) 10-12

(Required Documents for Application) 12-13

(Procedures for Application and Selection) 13

(Additional Document(s) to Be Submitted by Accepted Candidates) 14

(Conditions for Participation) 14

Administrative Arrangements

(Organizer (JICA Center in Japan), Implementing Partner, other Inforamtion, Reference) .. 15

Annex

Inception Report 16-17

Questionnaire..... 18

For Your Reference

(JICA and Capacity Development, Japanese Development Experience) 19

Correspondence

(For Enquiries and Further Information) 21

For What?

Background

In rural areas of developing countries, it is required to increase farmers' income through improving agricultural productivity and added value of agricultural products. For that purpose, it is necessary to disseminate correct farming knowledge and technology to farmers and access to financial services necessary for purchasing agricultural input materials.

Currently, due to the rapid development of information and communication technology, and also impact of COVID 19, introduction of smart technology is also rapidly progressing in each Food Value Chain process such as breeding, cultivation, processing/distribution and consumption.

Objectives

The necessary knowledge to establish and promote SFC through Private-Public-Academia collaboration in each country is acquired.

To Whom?

Job Areas and Organizations

This program is designed for government officials, researchers, and private sector personnel in the field of agriculture and rural digital transformation (hereinafter referred to as “DX”) and information and communication.

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

Targeted Countries

Indonesia, Philippines, Vietnam, Bangladesh, Jamaica, Brazil, Egypt, Ethiopia, Angola, Cote d'Ivoire, Rwanda, Azerbaijan and Mozambique.

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

When?

Online Program Period



From January 10, 2023
to February 3, 2023

Online Session

From January 10, 2023
to February 3, 2023

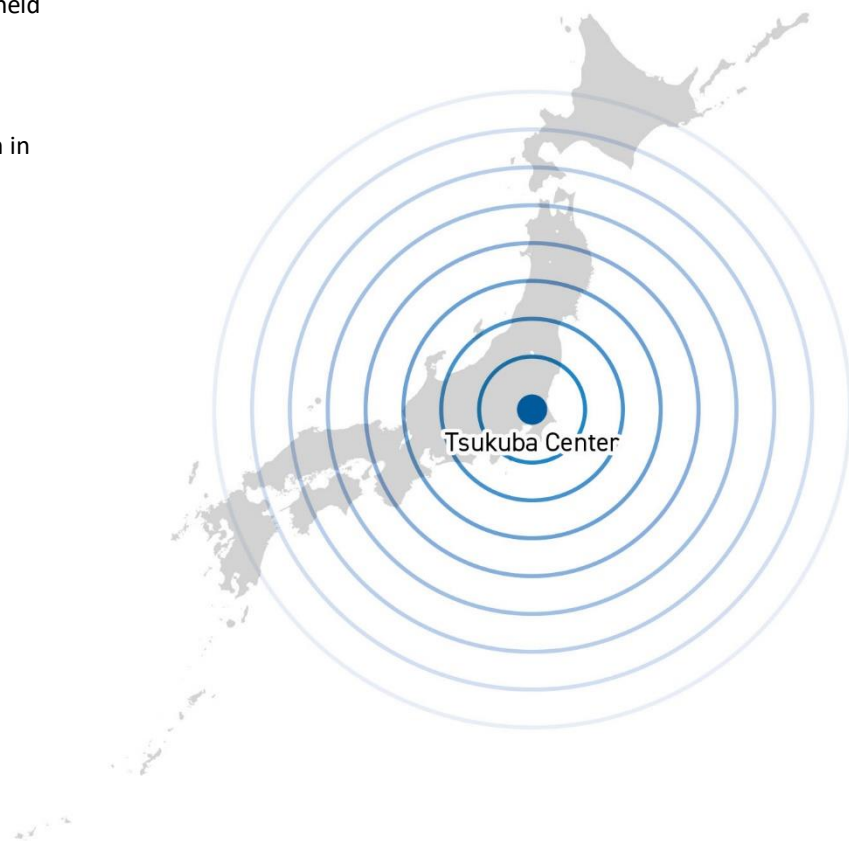
On-time discussion (web meeting) will be held from 5PM to 7PM JST (Japanese Standard Time: GMT +9) every weekday during the period.

All participants will be connected via Zoom in following time zones.

- Japan: 5PM and 7PM
- Indonesia: 3PM and 5PM
- Philippines: 4PM and 6PM
- Vietnam: 3PM and 5PM
- Bangladesh: 2PM and 4PM
- Jamaica: 3AM and 5AM
- Brazil: 5AM and 7AM
- Egypt: 10AM and 12PM
- Ethiopia: 11AM and 1PM
- Angola: 9AM and 11AM
- Cote d'Ivoire: 8AM and 10AM
- Rwanda: 10AM and 12PM
- Azerbaijan: 12PM and 2PM
- Mozambique: 10AM and 12PM

Where?

This course is carried out totally online, organized by JICA Tsukuba 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 detail, see page 11-12.



How?

How to Learn

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



Language

English

Commitment to the SDGs



Program Structure

Preliminary Phase

- (1) Participants and their organizations analyze the current situation and issues regarding agriculture and rural DX / SFC in each country and formulate Inception Report
- (2) Pre-learning through pre-delivered video materials
- (3) Prior information sharing and networking with Japanese Private-Public-Academia officials
- (4) Meetings among participants (when there is two or more participants from the same country) (Participants shall discuss in advance how the country will face challenges through Private-Public-Academia collaboration.)

Output 1. To understand the current situation, position and challenges to promote of SFC in your country's agricultural policy as well as to facilitate the collaboration of Private-Public and Academia in your country.

Presentation, discussion based on the Inception Reports prepared by the participants

Output 2. To understand the DX policies, development technologies and roles of each Private-Public-Academia in promoting SFC in Japan.

Lectures on latest SFC technology and knowledge in Japan

- (1) Japanese policy (Society 5.0 and SFC)
- (2) SFC technology development of Private-Public-Academia in Japan
- (3) Interaction with Japanese Private-Public-Academia officials

Output 3. To formulate an action plan for SFC construction is created with the Public-Private-Academia collaboration.

Preparation and presentation of action plan

Participants are expected to present and share the report in their organizations after the program



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. Please note that nominees would not necessarily be employed by the applying organizations, as long as they are selected officially by the organizations for their specific purposes. However, the nominees must be either persons who are engaged in the said field or directly related to program subject.

(1) Essential Qualifications

- 1) Current Duties: Government officials, researchers, and private sector personnel in the field of agriculture and rural DX and information and communication.

[Target Group]

- Public officer engaged in policy making of agriculture and food.
- Public officer engaged in policy making of information and communication.
- Who are in the leadership position of agricultural extension workers.
- Agricultural researchers (mainly smart technology related).

- Who are engaged in agricultural/food smart technology company (mainly startup company).
- 2) Experience in the Relevant Field: have at least 3 years of experience in the above mentioned field.
 - 3) Educational Background: be a graduate of university
 - 4) Language Proficiency: have a competent command of spoken and written English proficiency equivalent to TOEFL iBT 100 or above (This workshop includes active participation in discussions, which requires high competence in English. Please attach an official certificate for English ability such as TOEFL, TOEIC etc, if possible)
- 5) Technical Requirements :
- a Technology Proficiency
 - Basic computer skills such as, sending/receiving email with attachments, and using a web browser.
 - Online course is delivered using the following services, 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.
 - 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.

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.

(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 makes a commitment to promote gender equality and women's empowerment, providing equal opportunity for all applicants regardless of sexual orientation and 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) **Inception Report and Questionnaire:** to be submitted with the application form. Fill in Annex I and Annex II 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 material must arrive at JICA Center in Japan by October 28, 2022)

(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. 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 30, 2022.**

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

Inception Report -- to be submitted by December 16, 2022
Accepted candidates are required to prepare a Inception Report presentation before the program. The detail will be sent to the accepted candidates together with the Notice of Acceptance. Inception Report Presentation should be sent to JICA by December 16, 2022, preferably by e-mail to tbicttp@jica.go.jp.

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,
 - (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. 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",
 - (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,
 - (8) to refund allowances or other benefits paid by JICA in the case of a change in schedule, and
 - (9) to comply with the use conditions of copyrighted works by each copyright holder, when using texts and other materials distributed for KCCP.
- Especially, participants are strictly prohibited to record online lessons or use provided contents during the program without lecturers' permissions.

Administrative Arrangements

1. Organizer (JICA Center in Japan)

- (1) Center: JICA Tsukuba Center (JICA TSUKUBA)
 - (2) Program Officer: Mr. KATANO Kentaro (tbicttp@jica.go.jp)
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2. Implementing Partner

- (1) Name: Japan International Cooperation Center (JICE)
 - (2) URL: <https://www.jice.org/en/index.html>
-

3. Other Information

- (1) Participants who have successfully completed the program will be awarded a certificate by JICA.
 - (2) Check JICA Tsukuba's Facebook page for information on current courses or activities of the past participants: <https://www.facebook.com/jicatsukuba>
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4. Reference

Website: JICA

English/French/Spanish/Russian

https://www.jica.go.jp/english/our_work/types_of_assistance/tech/acceptance/training/index.html



Annex I

Inception Report

For nominees

- Inception Report is a part of your application documents. Submission is required in order for you to apply for this course. **Those candidates who fail to submit Inception Report by the deadline is not considered for the selection.**
- Please note that **those applicants whose reports do not follow the instructions below may be disqualified from the selection, or asked to revise the reports.**
- The report should be typewritten in English (single-spaced, font size 11).

Format

Your report must be typed (single-spaced, font size 11) in English

| 1. Basic information | |
|----------------------|---|
| 1.1 Name | |
| 1.2 Country | |
| 1.3 Email address | *JICA might contact you on this email address prior to your departure. Please write an address you check regularly. |
| 1.4 Organization | |
| 1.5 Position (Title) | |

2. Basic information of the organization

2.1 Duties of your organization

Please explain the outline of duties of your organization focusing on activities for agricultural and rural DX / Smart Food Chain.

2.2 Organizational chart

Attach an organizational chart and circle your department/position.

3. Current Status of Agricultural and Rural DX / Smart Food Chain

3.1 Current status and issues of agriculture and rural DX / FVC in your own country

3.2 Position of agriculture and rural DX / SFC in agricultural policy, status of efforts, issues

3.3 What kind of SFC construction are you aiming for?

* Describe the SFC-related technologies that you want to introduce, after considering and discussing within your organization.

*** For accepted candidates ***

- Participants are expected to make oral presentation (for 15-20 minutes including discussion) of Inception Report at the beginning of the program. Accepted candidates are thus required to prepare Microsoft **PowerPoint** presentation slides of Inception Report. The number of the slides will be around 5 to 6.

Annex II Questionnaire

IT Environment for Online Program (NOT used for screening)

Based on your answer, JICA will consider your IT environment arrangement. Since your answer does not affect to the acceptance judgment, please answer honestly.

3-1 Do you have a following system to attend online program at your home or office?

| | | |
|--|--|-----------------------------|
| | Desktop or laptop PC | Desktop or Laptop or None |
| | Internet environment | Yes or No (OS version:) |
| | Stable Internet connection (5Mbps speed) | Yes or No |
| | PC with Microphone | Yes or No |
| | PC with Camera | Yes or No |

3-2 Have you ever attend online / web-based training?

Yes or No (When:), (Organizer:)

3-3 Have you ever used those online systems below?

| | | |
|--|------------------|-----------|
| | Zoom | Yes or No |
| | Microsoft Teams | Yes or No |
| | Google Drive | Yes or No |
| | Google Form | Yes or No |
| | Google Classroom | Yes or No |
| | You Tube | Yes or No |

3-4 Which do you prefer, participating from your home, your office or the designated place that JICA provide such as JICA office or conference rooms, during the online training program?

3-5 Please let us know if you have any concerns or questions for participating the training.

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 office or Embassy of Japan.

Further, address correspondence to:

JICA Tsukuba Center (JICA Tsukuba)

Address: 3-6 Koyadai, Tsukuba, Ibaraki 305-0074, Japan

TEL: +81-29-838-1111 FAX: +81-29-838-1790

("81" is the country code for Japan, and "78" is the local area code)