



Face-to-Face (in Japan)

Knowledge Co-Creation Program (Group and Region Focus)

# Basics of Solid Waste Management (A)



Course Number: 202311673J001

Course Period: May 13- June 20, 2024



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.



Gain insights from Japan's experience and latin countries in Solid Waste Management that can be adapted to Solid Waste Management measures in their own countries



## Outline



This program is designed to officers in charge of solid waste management including 3R (Reduce, Reuse and Recycle) in central / local government/ Technical Engineer.



There will be pre-departure self-study, followed by program in Japan.



All sessions are carried out in Spanish.

The period of the program is from May 13 to June 20, 2024.



Course Capacity: 9 participants

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

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



# Table of Contents

## For What?

(Background, Objectives) ..... 6

## To Whom?

(Job Areas and Organizations, Targeted Countries) ..... 6

## When?

(Program Period, Face-to-Face Program Period) ..... 7

## Where?

(Place Where the Program Take Place) ..... 7

## How?

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

(Program Structure) ..... 8-10

## Voice

(Past Program Alumni Comments) ..... 11-12

## Eligibility and Procedures

(Expectations to the Applying Organizations, Nominee Qualifications) ..... 13-15

(Required Documents for Application) ..... 15

(Procedures for Application and Selection) ..... 15-16

(Additional Document(s) to Be Submitted by Accepted Candidates) ..... 16

(Conditions for Participation) ..... 16-17

## Administrative Arrangements

(Organizer (JICA Center in Japan), Implementing Partner, Travel to Japan,  
Accommodation in Japan, Expenses, Pre-departure Orientation) ..... 18-20

## Other Information

(Action Plan, JICA Certificate, For program in Japan) ..... 21-24

## Annex I

(Country Report) ..... 25

## Annex I -1

(Country Report format) ..... 26-32

## Annex II

(Presentation of Job Report) ..... 33

## For Your Reference

(JICA and Capacity Development, Japanese Development Experience) ..... 34

## Correspondence

(For Enquiries and Further Information) ..... 36

# For What?

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## Background

In Central, South American and Caribbean Countries, various urban environmental problems are caused by an excessive concentration of the population into urban areas. Especially, environmental pollution that centers on the municipal solid waste and industrial waste has become one of the most serious issues.

This program aims to develop the capacity of participants in municipal solid waste mainly through Japanese experiences of local government's municipal solid waste management administration, 3R (Reduce, Reuse, and Recycle) policy, and promotion of public awareness etc., thus contribute to the improvement of urban living environment in these countries.

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## Objectives

This program aims to develop the capacity of participants and contribute to the improvement of municipal solid waste management (reduction of discharge, collection, transportation, final disposal and 3R) system in the respective countries.

# To Whom?

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## Job Areas and Organizations

This program is offered to officers in charge of solid waste management including 3R (Reduce, Reuse and Recycle) in central / local government/ Technical Engineer.

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

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## Targeted Countries

Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Honduras, Panama, Bolivia, Peru

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

# When?

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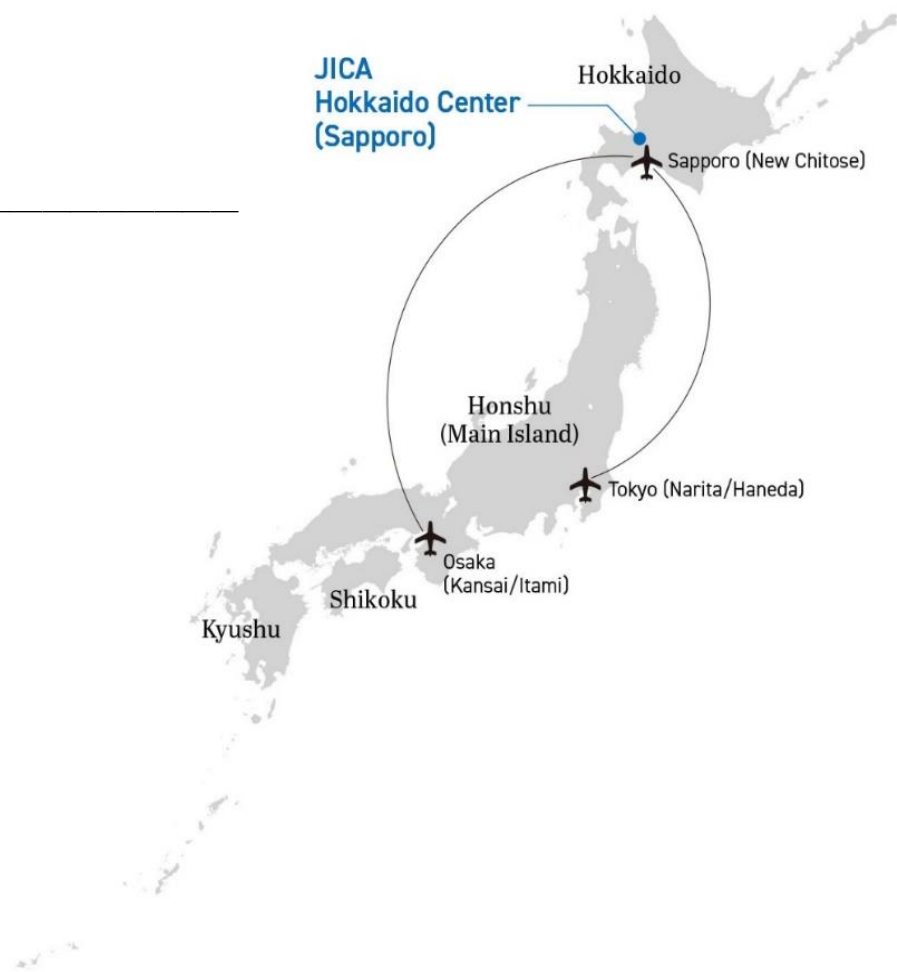
## Program Period



From May 13, 2024  
to June 20, 2024

# Where?

This course is carried out self-study program in your country and a face-to-face program in Japan, organized by the JICA Hokkaido Center (Sapporo). You will receive the essential observation materials for your self-study at your office or home. You are required to have a certain IT environment. For details, please refer to page 14.



# How?

## How to Learn

- Self-Study
- Lectures Movie
- Lectures
- Field Visits
- Discussions
- Presentations



## Language

Spanish

## Commitment to the SDGs



## Program Structure

Please note that the activities are subject to change.

### Expected products (results) and Contents

This program comprises the following components. The details of each component are described below.

<b>(1) Preliminary Stage in the country of the participant</b>	
The participating organizations will make the necessary preparations for the Program in their respective countries. (Until April and May 2024)	
Module Expected Results	Activities
Submission of Country Report (Until April)	Preparation and submission of the Country Report in accordance with the format



	presented in ANNEX I -1.
Submission of job report presentation material (Until May)	Preparation and submission of job report according to the format presented in ANNEX II .
Lectures Movie (Until May)	Some lecture videos will be made available online. You can utilize them for your self-study.

<b>(2) Core Phase in Japan</b> (From May 13th,2024 to June 20th, 2024) <i>Participants dispatched by the organizations attend the Program implemented in Japan.</i>	
Module Expected Results	Topics
1) To understand and share actual situation, activities and good practices of solid waste management in respective countries in order to get some hints and ideas for solution of each difficulty	>Presentation of the working report >Action Plan Guidance >Sharing Good Practices >Discussion >Presentation of Action Plan
2) To understand the history, outline and characteristics of solid waste management policy in Japan and extracting hints for improvement comparing with the status of respective country	>History of Waste Management in Japan >Actual Situation of Waste Management in Japan >Financial Management of Urban Garbage Collection Service >Waste Treatment of Sapporo Municipality >Sapporo Municipal Solid Waste/3R Management Public Administration >Sapporo Municipal Solid Waste Management Public Administration/3R >Administration of medical waste management of Sapporo Municipality
3) To understand the appropriate technology for solid waste management including collection, transportation,	>Appropriate Waste Management Technologies >Intermediate treatment and 3R technology >Waste analysis and utilization >Time and motion study

waste incineration treatment, intermediate treatment and final disposals.	<ul style="list-style-type: none"> <li>&gt;Elimination of medical waste</li> <li>&gt; Visits to medical waste disposal</li> <li>&gt;Energy generation from solid waste</li> <li>&gt; "Fukuoka method" landfill system</li> <li>&gt; Biogas utilization from municipal waste</li> <li>&gt; Final disposal site</li> </ul>
4) To understand the management policy and activities for promoting public awareness, citizen participation and recycling-oriented societies through 3R	<ul style="list-style-type: none"> <li>&gt;Environmental Education in Sapporo</li> <li>&gt;Sapporo Recycling Park</li> <li>&gt;MOERENUMA Park.</li> </ul>
5) To understanding the policy, plan, treatment and resource recycling technology of industrial waste	<ul style="list-style-type: none"> <li>&gt;Sapporo Municipality Solid Waste Management Public Administration.</li> <li>&gt;Sapporo Municipal 3R Policy</li> <li>&gt;Electronic waste recycling.</li> <li>&gt;Waste paper recycling</li> <li>&gt;Environmental measures in factories</li> </ul>

# Voice

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## Past Program Alumni Comments

 LEIVA RIVERA Jose Edgardo  
HONDURAS

Una experiencia única ha sido mi participación en el curso “Bases de la Gestión de los Residuos Sólidos (A) AF2023, donde pude conocer metodologías, prácticas y tecnologías que fueron compartidas en cada sesión de clase y visitas técnicas sobre la Gestión de Residuos Sólidos en Japón, muchas de las cuales podre implementar en mi País para mejorar la situación en este tema.

Me llevo gratos recuerdos de la gente, cultura, y lugares hermosos de Hokkaido Sapporo, agradecimiento especial a Jica y el Gobierno de Japón por abrir una ventana de conocimiento y ayuda a mi país Honduras, los llevare en el corazón siempre.



BAUTISTA BENCOSME Yanilssa

DOMINICAN REPUBLIC

"Mi participación en el Programa del Curso de Capacitación "Bases de Gestión de Residuos Sólidos" en Japón fue una experiencia verdaderamente transformadora. Durante este curso, tuve la oportunidad de sumergirme en el mundo de la gestión de residuos sólidos y aprender de renombrados expertos japoneses. Las visitas a plantas de reciclaje, plantas de tratamiento y rellenos sanitarios me permitieron presenciar de primera mano las innovadoras tecnologías y prácticas sostenibles que Japón ha implementado con éxito. Pero lo más valioso de esta experiencia fue la oportunidad de conectar con colegas de toda América Latina, compartiendo conocimientos y desafíos comunes. Este curso no solo me ha inspirado a trabajar en la gestión sostenible de residuos en mi país, sino que también me ha brindado una red de contactos y colaboraciones que perdurará en el tiempo. Si tienes la oportunidad de participar en este programa, no dudes en hacerlo; te espera una experiencia transformadora que te motivará a marcar la diferencia en la gestión de residuos en tu región."

¡ Gracias por la oportunidad de motivar a futuros participantes!



# Eligibility and Procedures

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## 1. Expectations to the Applying Organizations

- (1) This program is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Participating organizations are expected to use the project for those specific purposes.
- (2) This program is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the project to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and problems.
- (3) In this connection, applying organizations are expected to nominate the most qualified candidates to address the said issues or problems, carefully referring to the qualifications described in section III-2 below.
- (4) Applying organizations are also expected to be prepared to make use of knowledge acquired by the nominees for the said purpose.

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## 2. Nominee Qualifications

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

### (1) Essential Qualifications

- 1) Current Duties: be officers in charge of solid waste management including 3Rs (Reduce, Reuse and Recycle) in central / local government.
- 2) Educational Background: University graduates or equivalent academic background.
- 3) Language: have a competent command of spoken and written Spanish.
- 4) 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. must be in good health, both physically and mentally, to participate in the Program.

5) Technology Proficiency

- Basic computer skills such as, sending/receiving email with attachments, and using a web browser.
- The pre-study course is taught using the following services, Cloud Storage and videos. The ability to be self-directed in learning new technology skills is required.

b Internet Connection

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

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)

- Google Drive  
(<https://support.google.com/drive/answer/2424384?hl=en&co=GENIE.Platform%3DDesktop>).

## (2) Recommended Qualifications

- 1) Age: be under fifty (50) years of age.
- 2) Experience in the Relevant Field: have at least three (3) years of practical work experience.
- 3) 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.

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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. 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) **Country Report:** to be submitted with the application form (Detail information is provided in the ANNEX I "Country Report" and VANNEX I-1 "Country Report format").

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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 March 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. 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 April 9 , 2024.**

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

### **▼Presentation of Job Report** -- to be submitted by April 19, 2024

Accepted candidates are required to prepare a Presentation of Job Report (Please read ANNEX II " Presentation of Job Report " for detailed information.) before their departure. The Presentation of Job Report should be sent to JICA by April 19, 2024, preferably by e-mail to [Hosokawa.Tomoyo@jica.go.jp](mailto:Hosokawa.Tomoyo@jica.go.jp)

### **▼Information**

Accepted candidates should email the following information.

- (1) WhatsApp number
- (2) Gmail address

(This program uses Google Drive, if you do not have a Google account, please create a new one).

Contact: [Hosokawa.Tomoyo@jica.go.jp](mailto:Hosokawa.Tomoyo@jica.go.jp)

(Program Officer: Tomoyo HOSOKAWA)

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## **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

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## 1. Organizer (JICA Center in Japan)

- (1) **Center:** JICA Hokkaido Center  
(JICA Hokkaido (Sapporo))
- (2) **Program Officer:**  
HOSOKAWA Tomoyo  
([Hosokawa.Tomoyo@jica.go.jp](mailto:Hosokawa.Tomoyo@jica.go.jp))



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## 2. Implementing Partner

- (1) **Name :** Japan Environmental Sanitation Center (JESC)  
Environmental affairs Bureau, City of Sapporo
- (2) **URL:** <http://www.jesc.or.jp/en/tabid/164/Default.aspx>  
<http://www.city.sapporo.jp/city/english/index.html>

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## 3. Travel to Japan

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

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## 4. Accommodation in Japan

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

(where “81” is the country code for Japan, and “11” is the local area code)

If there is no vacancy at JICA Hokkaido (Sapporo), JICA will arrange alternative accommodations for the participants. Please refer to facility guide of HKIC at its URL:

<https://www.jica.go.jp/sapporo/english/office/about/facilities.html>

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## 5. Expenses

The following expenses in Japan will be provided by JICA

- (1) Allowances for meals, living expenses, outfits, and shipping and stopover.
- (2) Expenses for study tours (basically in the form of train tickets).
- (3) Medical care for participants who become ill after arriving in Japan (the costs related to pre-existing illness, pregnancy, or dental treatment are not included).
- (4) Expenses for program implementation, including materials.
- (5) For more details, please see “III. ALLOWANCES” of the brochure for participants titled “KENSU-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](https://www.jica.go.jp/english/our_work/types_of_assistance/tech/accept)

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## 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.

<b>Part I: Knowledge Co-Creation Program and Life in Japan</b>	
Spanish ver.	<a href="https://www.youtube.com/watch?v=m7l-WlQSDjI">https://www.youtube.com/watch?v=m7l-WlQSDjI</a>
<b>Part II: Introduction of JICA Centers in Japan</b>	
JICA Hokkaido (Sapporo)	<a href="https://www.jica.go.jp/sapporo/english/office/index.html">https://www.jica.go.jp/sapporo/english/office/index.html</a>

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

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

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



### PDF: Facility Guide for JICA Hokkaido Center

English/French/Spanish/Russian

<https://www.jica.go.jp/sapporo/english/office/about/facilities.html>



### Video: Welcome to JICA Hokkaido

Introduction of JICA Hokkaido

<https://youtu.be/ZTw5Dtcu8o4>



# Other Information

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## 1. Action Plan (AP)

In this program, each participant must make an action plan. "An action plan" is a feasible plan to be developed to solve a problem (at the national, regional or organizational level) in the participant's home country, with the participation of his/her organization, using the situation in his/her country and what he/she has learned in the training. Participants present their action plans at the end of the program. They are also expected to review their action plans in their own organizations in their home countries. It is recommended that the topic be actionable after their return home. Participants are encouraged to develop their action plans using existing human and financial resources in their own organizations as efficiently and effectively as possible.

### (1) Content of Action Plan

#### 1) Introduction:

Please describe the reasons for choosing the topic, and also to tell us what specific course information you find useful for the activities in your AP.

#### 2) Objectives:

Please describe the purpose of your AP.

#### 3) Target Group:

Please describe a group of people or organizations you are targeting in your AP in order to solve the identified problems.

#### 4) Expected Result:

Please specifically describe the outcome, which stage will be seen once your AP is completed.

#### 5) Essential Activities:

Please describe the activities that are necessary in order to achieve the expected results mentioned in paragraph 4.

#### 6) Division of Responsibilities:

Please describe the name of the organization or department that you expect to be in charge of the activities mentioned in 5. If many people or organizations are involved,

please do not forget to indicate their relationship.

7) Financial Resources:

Please identify the budget source for each activity with an estimated figure in U.S. dollars.

8) Anticipated Obstacles:

Please describe the potential obstacles that may arise when you carry out your AP activities.

9) Timeline:

Please attach a timeline for the activities mentioned in paragraph 5.

**\* Notes for writing Action Plan**

The most important point in your AP is "Feasibility". Even an excellent plan will become meaningless if it is never implemented. The following are some tips to improve "feasibility".

- Design your plan which can be responsibly implemented with your competent authority. This means that the plan should fit within the scope where you have direct influence or coordination. The AP is not a large-scale plan for launching a new project or formulating new policies or revising your government's existing policies. The AP is a plan of an organization or a participant in order to solve some of the current problems, which are under the direct responsibility of the organization or participant.
- Specify the target group to consider the budget needed for its implementation, its position, duties, etc. If the target groups are more limited, the financial and human requirements will be less and the coordination efforts, accordingly, will also be less.
- Specify the expected results. Otherwise it is difficult to adequately assess progress and identify the factors that are missing to achieve the objective.
- Specify the essential activities. Activities that are performed by yourself rather than by someone else are more likely to be accomplished and easier to control.
- Give due consideration to anticipated "obstacles" to action. If these obstacles seem too difficult to remove, the AP may require redesign. In addition, if some problems are anticipated, measures to avoid or eliminate such problems should be incorporated into the plan at the formulation stage. It is possible that your AP will consist of actions to eliminate these types of problems.

- Make a timeline with a sufficient time frame.
- Describe how the knowledge and ideas gained in Japan apply to the plan. Due to different conditions, such as financial and human resources, as well as the cultural background in your country and in Japan, Japan's system or method may not be immediately applicable in your country. Please give due consideration to the factors arising from such conditions.

## **2. JICA Certificate**

Participants who have successfully completed the program through online and in Japan will be awarded a certificate by JICA.

## **3. For Program in Japan**

### (1) Accommodation

JICA Hokkaido Center (Sapporo) works as a base of this training program. The Center 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.

*Notice: JICA Hokkaido Center (Sapporo City) is scheduled to undergo plumbing work, so accommodations may not be available, but in that case, JICA will arrange a hotel.*

### (2) 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.

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#### **Spring**

April, May, June

Max Temp: 21.5°C | Min Temp: 3.2°C

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#### **Summer**

July, August, September

Max Temp: 26.4°C | Min Temp: 14.2°C

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#### **Fall**

October, November, December

Max Temp: 16.2°C | Min Temp: -4.1°C

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#### **Winter**

January, February, March

Max Temp: 4.0°C | Min Temp: -7.0°C



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This program is implemented in spring.  
It is still cold, so you need to prepare long sleeves, jackets, etc.



※Formal attire is required for some programs, such as the closing ceremony. Bringing a jacket is recommended.



The program will include a lot of walking, including a visit to a final disposal site. Please bring comfortable walking shoes.

# Annex I :Country Report

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## Country Report

### 1. INTRODUCTION

Please be reminded that this report plays significant role because the objective of this training course is to find solutions for the issue that you/your organization face in solid waste management.

### 2. PURPOSE

To introduce, and share information about your situation and issues of solid waste management with Lectures and participants.

### 3. INSTRUCTION:

- 1) Fill in each colon briefly, referring the following explanation.
  - (1) Please write answers considering the situation of solid waste management in your county or your responsible area.
  - (2) The Country Report should be written in **Spanish**.
  - (3) Submit it in Microsoft Word format. Refer to point "ANNEX I-1 ".
  
- 2) Submit the sheet **with the application form** by not later than **March 29, 2024**.

\* Please attach or bring some materials (statistics data, pictures, videos etc.) to show the situation of solid waste management, 3R and environmental education in participants country, if possible.

# Annex I -1:Country Report format

## 1. Información básica(基礎情報)

Nombre del país/ciudad(国、市町村名)	
Nombre del participante(研修員氏名)	

## 2. Describa las funciones actuales en su trabajo(職務について説明)

Período(期間)	Desde (いつから)	hasta (いつまで)
Organización	組織	
Posición	役職	
Reseña de las funciones (職務概要) :		

## 3. Describa sus desafíos de la gestión de los residuos sólidos y contramedidas. (固形廃棄物管理の課題と対策の説明)

Desafíos (課題)	
Contramedidas (対策)	

## 4. Describa sus expectativas con respecto a este programa de capacitación. (本研修への期待)

Núm.	Expectativas
1	

2	
3	

**5. Describa sus futuros planes de aplicar los resultados esperados del programa de capacitación después de después de participar este programa.**

**(研修成果を活用した今後の計画について説明)**

Núm.	Futuros Planes
1	
2	
3	

**6. Describir las buenas prácticas o logros en su área/país que le gustaría compartir con los otros participantes. Especialmente, si hay algunas buenas prácticas de algo relacionado con los aspectos financieros de gestión de los residuos sólidos (método para determinar la tarifa de la recolección y de la disposición final. Y la forma de su cobro de la tarifa de la recolección y de la disposición final). (他の研修員と共有したい、あなたの地域／国におけるグッドプラクティスについて説明。特に廃棄物管理の財務面（収集・最終処分料金の決定方法、収集、処分料金の徴収方法、最終処分に関わるグッドプラクティス等）)**

Núm.	Buenas prácticas

1	Título: Contenido:
2	Título: Contenido:
3	Título: Contenido:

**7. Describir la información general sobre la gestión de los residuos sólidos en su país**  
**(あなたの国における固形廃棄物管理の一般的な情報について説明)**

<b>Información general del área de su jurisdicción</b> (管轄地域の一般情報)	(1) Nombre del <b>área</b> de su jurisdicción	管轄地域の名前
	(2) Población del área de su jurisdicción	管轄地域の人口
	(3) Superficie del área del servicio (km <sup>2</sup> )	サービスエリアの面積(km <sup>2</sup> )
	(4) PIB (US\$)	GDP
	(5) Condición climática	気候
<b>Leyes y organizaciones relevantes</b> (関連する法律)	(1) Leyes sobre la gestión de los residuos sólidos y reciclaje	廃棄物管理およびリサイクル関連法
	(2) Monto del presupuesto para la gestión de los residuos sólidos	廃棄物管理における予算

と団体)	(1) Organizaciones relevantes y sus funciones (関連機関およびその役割)	Funciones del gobierno central	中央政府	
		Funciones del gobierno local	地方政府	
		Otras organizaciones relacionadas	その他の関連機関	
Residuo sólido municipal (都市廃棄物)	(1) Generación y disposición final (排出および最終処分)	Cantidad generada (t/año)	排出量 (トン/年)	
		Clasificación de los residuos sólidos	固形廃棄物の分類	
		Composición de los residuos sólidos	固形廃棄物の組成	
		Sistema de recolección y transporte	収集・運搬システム	
		Método de tratamiento	処理方法	
		Método de disposición final	最終処分方法	
		Cantidad de disposición final (t/año)	最終処分量 (トン/年)	
	(3) Costo (コスト)	Costo de la recolección de los residuos sólidos (US\$/t)	収集費用 (US \$ /トン)	
		Costo de la disposición final (US\$/t)	最終処分費用 (US \$ /トン)	
		Método de cobro de la tarifa de la recolección	収集費の徴収方法	
		Método de cobro de la tarifa de disposición final	最終処分費の徴収方法	
	Otros residuos (その他の廃棄物)	(1) Residuos industriales (産業廃棄物)	Ministerio responsable	主管官庁
			Cantidad generada (t/año)	排出量 (トン/年)
Método de tratamiento/disposición final			処理・処分方法	
Costo de la disposición final			最終処分費用	
(2) Residuos hospitalarios (医)		Ministerio responsable	主管官庁	

	療廃棄物)	Cantidad generada (t/año)	排出量 (トン/年)
		Método de tratamiento/ disposición final	処理・処分方法
		Costo de la disposición final	最終処分費用
	(3) Residuos peligrosos (危険廃棄物)	Ministerio responsable	主管官庁
		Cantidad generada (t/año)	排出量 (トン/年)
		Método de tratamiento/ disposición final	処理・処分方法
		Costo de la disposición final	最終処分費用
<b>Situación actual de educación ambiental (residuos)</b>		環境教育の現状	
<b>Situación actual de las 3Rs (reducir, reutilizar, reciclar)</b>		3R (リユース、リデュース、リサイクル) の現状	

## 8. Los datos sobre el sitio de disposición final (最終処分に関するデータ)

	El sitio de disposición final 最終処分場	
	Sitio1 サイト1	Sitio2 サイト2
Nombre de la ciudad(都市名)		
Población urbana(人口)		
Año de inicio de operación(使用開始年)		
Superficie(エリア)	ha	ha
Vida útil restante (残余寿命)	年	年
Condición geográfica (terreno llano, montañoso, mar, pantano, etc) 地理的条件(平地、山間、海面、沼地等)		
Capacidad restante	m3	m3



残余容量			
Cantidad de disposición final (t/día) 最終処分量(t/日)		t/d	t/d
La distancia desde el casco urbano 町の中心からの距離		km	km
Método de disposición (Nota 1) 処分方法(注 1)		(1)・(2)・(3)・(4)	(1)・(2)・(3)・(4)
Existencia de animales 動物の有無		Sí/No	Sí/No
Existencia de recolectores de basura en el sitio de disposición final(ウエストピッカーの有無)		Sí/No	Sí/No
Existencia de quema a cielo abierto(オープンバーニングの有無)		Sí/No	Sí/No
Número de maquinaria pesada (en uso) 重機の台数 (使用できるものに限る)	Bulldozer (ブルドーザー)	台	台
	Excavadora(エクスカベーター)	台	台
	Otros (その他)	台	台
Contaminación secundaria (lixiviados, mal olor, atmósfera, moscas, etc.)埋立処分に伴う二次汚染 (浸出水・臭気・大気・ハエ等)			
Si se tratan lixiviados 浸出水の処理の有無		Sí/No	Sí/No
El método de tratamiento de lixiviados (si se hace dicho tratamiento)浸出			

水の処理方法(上記処理有の場合)		
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Nota 1: (1) vertedero al aire libre, (2) relleno controlado (cobertura esporádica), (3) relleno sanitario (cobertura diaria,) (4) vertido al pantano o barranco 注 1 : (1)オープンダンピング、(2)コントロール埋立(散発的な覆土)、(3)衛生埋立(毎日の覆土)、(4)沼地・崖等へのダンピング

9. Describir los desafíos de los sitios de disposición final (最終処分における問題点を書き出す)

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# Annex II: Presentation of Job Report

## 1. INTRODUCTION

Each participant will have 10 minutes to make an oral presentation based on the work report on Wednesday, May 15 on Japanese dates. Please prepare the work report according to the following instructions.

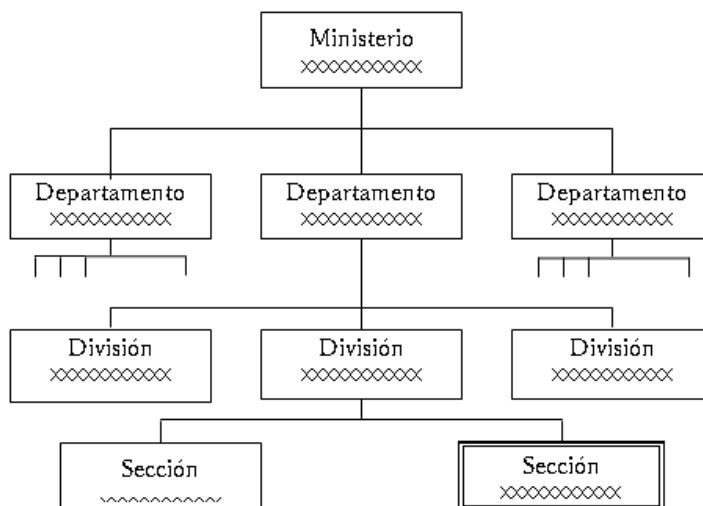
## 2. INSTRUCTIONS:

- Deadline: by April 19, 2024
- Language: Spanish
- OS: Microsoft PowerPoint
- Presentation time: up to 10 minutes.

## 3. Required contents

- 1) Participant's name
- 2) Name of the Organization and Brief description of functions
- 3) Summary of the participant's organization.

Using the following example as a reference, draw an organization chart. (example)



- 4) Description of your job
- 5) Challenges of your organization or your job
- 6) Describe your expectations with respect to this training program.

# 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 Hokkaido Center (JICA Hokkaido (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)