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வெளிநாட்டு வளங்கள் திணைக்களம்
Department of External Resources

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நிதி அமைச்சு
செயலகம் (3 ஆம் மாடி), த. பெ. இல. 277, கொழும்பு 00100, இலங்கை

Ministry of Finance
The Secretariat (3rd Floor), P.O. Box 277, Colombo 00100, Sri Lanka

Web Site: www.erd.gov.lk

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මගේ අංකය
எனது இல
My No

TA/JICA/S/1020

ඔබේ අංකය
உமது இல
Your No

දිනය
திகதி
Date

25 March 2019

Secretary

Ministry of Internal and Home Affairs, Provincial Council & Local Government

Attn: Officer In-charge of Foreign Training

Dear Sir/Madam,

**Advancement of Solid Waste Management Technologies
(Advance, Technique)**

From: 07 July to 07 September - 2019

The Japan International Cooperation Agency (JICA) has requested us to submit nominations from eligible Government officials of Sri Lanka for the above programme. The GI Booklet and the Application Form submitted by JICA in this regard are enclosed for your information please.

You are kindly requested to submit nominations in line with the required qualifications mentioned in the "Nominee Qualifications" of the GI Booklet submitted by JICA. It is appreciated if you could submit two sets of applications along with the following documents *on or before 22nd April 2019*.

1. The duly filled Application Form for "JICA Knowledge Co-Creation Programme" (**hand written applications will not be accepted**) - Application Form can be downloaded from ERD public website.
2. Copy of the Nominee's English Score Sheet (e.g. TOEFL, TOEIC, IELTS)
3. Job Report
4. Questionnaire & Issue Analysis Sheet (IAS)
5. Copy of the Passport
6. ERD Form 2 (Original only)

Please note that re-nomination of an official, already trained under a JICA programme will not be qualified for another JICA training programme within five (5) years of such training.

(Contact P.....02)

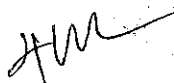
අධ්‍යක්ෂ ජනරාල්
பணிப்பாளர் நாயகம் } 94-11-2484693
Director General

කාර්යාලය
அலுவலகம் } 94-11-2484500
Office } 94-11-2484600

ලැයිස් අංකය
தொலை நகல் } 94-11-2447633
Fax } 94-11-2387153
94-11-2434876

Your early response in this regard is highly appreciated.

Yours faithfully



L.A.Y. Darshani De Silva
Director / TA Division
for Director General

Copies to: 01. Chief Secretaries
All Provincial Councils
02. Director
National Waste Management Centre
03. Chairman
Waste Management Authority

} for your information



Knowledge Co-Creation Program (Group & Region Focus)

GENERAL INFORMATION

ADVANCEMENT OF SOLID WASTE MANAGEMENT TECHNOLOGIES
(ADVANCE TECHNIQUE)
課題別研究「廃棄物管理技術(応用) 技術習得」
JFY 2019
NO. J1904030 / ID: 1934301
Course Period in Japan: From July 7, 2019 to September 7, 2019

Received in
25/04/2019

This information pertains to one of the JICA Knowledge Co-Creation Program (Group & Region Focus) of the Japan-International Cooperation Agency (JICA), which shall be implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

'JICA Knowledge Co-Creation Program (KCCP)' as a New Start

In the Development Cooperation Charter which was released from the Japanese Cabinet on February 2015, it is clearly pointed out 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 center of mutual learning process.

Received in
JICA INLAND OFFICE 25/04/2019

I. Concept

Background

Due to rapid population growth and expansion of residential area in urban areas, developing economies are facing issues in waste management: collection and transportation services are not able to cover all of the residential areas, and capacity of landfill sites are not enough to deal with increased / diversified wastes. Appropriate waste collection and transportation systems and landfill techniques are vital factors of waste management, and awareness of communities is indispensable for the systems and techniques to function. Therefore, to deal with waste management issues, improvement of systems / techniques and awareness raising should be done simultaneously.

Kitakyushu City, one of the largest industrial cities in Japan, has developed unique systems and techniques for waste management through its effort to dovetail economic development and pollution control. After introducing a new charge system for waste collection in 2006, the city has successfully reduced total amount of waste by 25% in a year. The result was fairly supported by the fact that the city has promoted environmental education programs for students, and conducted PR activities with communities upon introduction of the system.

Utilizing the experience of Kitakyushu City, this training program intends to provide participants practical waste management techniques, along with know-how of raising environmental consciousness of communities.

For what?

This program is designed to improve waste management processes (discharge/storage, collection, intermediate treatment and final disposal) in participating countries and regions.

For whom?

This program is offered to engineering officers in charge of waste management processes on collection, transportation, intermediate treatment and final disposal with occupational experience of more than three (3) years in relevant field.

How?

Participants will learn techniques and know-how in the field through lectures, observations, practices, and discussions. At the end of the program, participants will be requested present an Action Plan, utilizing contents of the program.

II. Description

- 1. Title (J-No.): Advancement of Solid Waste Management Technologies (Advance, Technique) (J1904030)**
- 2. Course Period in JAPAN**
From July 7, 2019 to September 7, 2019
- 3. Target Regions or Countries**
Cambodia, Ethiopia, Former Yugoslav Republic of Macedonia, Kosovo, Palestinian Authority and Sri Lanka
- 4. Eligible / Target Organization**
This program is designed for governmental organization engaged in waste management.
- 5. Course Capacity (Upper limit of Participants)**
8 participants
- 6. Language to be used in this program: English**
All participants are requested to communicate and discuss in English so that we can share each idea and deepen understanding of the lesson.
- 7. Course Objective**
After successfully completed the course, participants will be able to formulate and propose action plans to improve waste management processes (discharge/storage, collection, intermediate treatment and final disposal).
- 8. Overall Goal**
The formulated action plan is actually implemented in the organizations, then capacity of waste management (in particular, final disposal and intermediate treatment) will be improved.

9. Expected Module Outputs and Contents:

This program consists of the following components. Details on each component are given below:

(1) Preliminary Phase in a participant's home country Applying organizations are required to submit the Job Report and the Issue Analysis Sheet together with the application form for selection in Japan.	
Objectives	Activities
Job Report & IAS	Formulation and submission of the job report and the issue analysis sheet (IAS)

(2) Core Phase in Japan Participants dispatched by the organization to attend the Program implemented in Japan		
Expected Module Output	Subjects/Agendas	Methodology
Be able to explain an outline of waste management policy and administration in Japan including Kitakyushu City.	<ol style="list-style-type: none"> 1. Japan Political System and Waste Management Law 2. Sound Material Cycle Society (Overall views and Laws & Regulation) 3. General Waste Management in Kitakyushu City 4. Industrial Waste Management in Kitakyushu 5. Effective Waste Collection and Transportation (Time & Motion Study) 6. Environmental Education both from International View Point and in Kitakyushu 7. International Cooperation for Environmental matters by Kitakyushu City 8. Cleaner Production and Effective Management 9. Waste Management in Minamata City 	Lecture Field visit and Exercise

<p>Be able to explain concrete technology and concept that are applied to the processes such as waste collection, transportation, incineration and, intermediate treatment including recycling and composting.</p>	<ol style="list-style-type: none"> 10. Home Composting from Kitchen Waste (Takakura Method and Cardboard Method) 11. Green Composting and Sewage Sludge Composting 12. Overall Recycling System of Organic Waste in Local Town (Ohki town & Tosu city) 13. Eco-Town in Kitakyushu, Tokyo & Kawasaki 14. Plastics, Paper, PET, Glass bottles and Tins Recycling Plant in Kitakyushu 15. Quality Control of Compost from Different Waste (kitchen waste, livestock waste, etc.) 16. RDF (Refuse Derived Fuel) Manufacturing Plant and Power Plant using RDF 17. Medical Waste treatment in Hospital and its processing plant in Kitakyushu 18. Various Recycling Technologies of Rubber Tire, Waste Oil, Medical Waste, etc. 	<p>Lecture Field visit and Exercise</p>
<p>Be able to explain concrete technology and concept that are applied to final disposal site with sanitary process.</p>	<ol style="list-style-type: none"> 19. Sanitary Landfill Site in Kitakyushu (Sea Reclamation) 20. Large Scale Landfill site in Tokyo Bay Area 21. Sanitary Landfill Technology of Semi-aerobic System I (Fukuoka method) 	<p>Lecture Field visit and Exercise</p>
<p>Be able to examine and identify possible ideas to be applied for technical improvement.</p>	<ol style="list-style-type: none"> 22. Task Extraction Work from Submitted IAS 23. Instruction I for Action Plan I, II, III 24. Action Plan Presentation 	<p>Lecture Field visit and Exercise</p>

<p>(3) Finalization Phase in a participant's home country Participants will apply knowledge and skills acquired in the training in their respective countries. This phase marks the end of the Program.</p>	
<p>Expected Module Output</p>	<p>Activities</p>
<p>Implementation of the Action Plan</p>	<p>Proposals (Action plans) formulated by participants are shared within their organizations, and discussed towards implementation.</p>

Please refer to the attached schedule (Annex V). The schedule is subject to minor changes.

III. Conditions and Procedures for Application

1. Expectations from the Participating 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.

2. Nominee Qualifications

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

(1) Essential Qualifications

- 1) Current Duties: Engineers in charge of waste management processes (discharge/storage, collection, intermediate treatment and final disposal).
- 2) Experience in the relevant field: have more than 3 years of experience in the field mentioned above.
- 3) Educational Background: be a graduate of university or equivalent level.
- 4) Language: have a competent command of spoken and written English which is equal to TOEFL iBT 100 or more (This workshop includes active participation in discussions, which requires high competence of English ability. Please attach an official certificate for English ability such as TOEFL, TOEIC, etc, if possible.)
- 5) Health: must be in good health, both physically and mentally, to participate in the Program in Japan. Pregnant applicants are not recommended to apply due to the potential risk of health and life issues of mother and fetus.

(2) Recommendable Qualifications

- 1) Be in relation with past or on-going JICA projects focusing on waste management.
- 2) Be familiar with engineering background.
- 3) Be familiar with PC operation, as there will be many chances for report writing and presentations.
- 4) Occupational experience of more than three (3) years in relevant field.
- 5) Age: between the ages of twenty-five (25) and forty-five (45) years
 - Gender Consideration:
JICA is promoting Gender equality. Women are encouraged to apply for

the program.

3. Required Documents for Application

(1) Application Form: The Application Form is available at the JICA office (or the Embassy of Japan).

* If you have any difficulties/disabilities, which require assistance, please specify necessary assistances in the Medical History (1-(d)) of the application forms. It may allow us (people concerned in this course) to prepare better logistics or alternatives.

(2) Photocopy of passport: to be submitted 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 photocopy should include the followings:

- Name, Date of birth, Nationality, Sex, Passport number and Expire date.

(3) Nominee's English Score Sheet: to be submitted with the application form, if you have any official documentation of English ability. (e.g., TOEFL, TOEIC, IELTS)

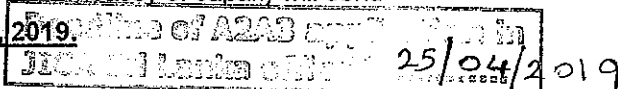
(4) Job Report, Questionnaire and Issue Analysis Sheet (IAS): to be submitted with the application form. Fill in Annex I, II and III of this General Information, and submit it along with the Nomination Form. Job Report, Questionnaire and IAS are necessary documents for screening of an applicant. Each participant will be required to present his/her Job Report and IAS in approx. 10 minutes in an early stage of the course. Visual materials such as PowerPoint and pictures may be helpful for your presentation if you bring them. When you use PowerPoint, it is preferable to use letters more than 24-point and not to use pictures on the background. An applicant should submit his/her IAS with approval of his/her superior and an IAS without approval of an applicant's superior is not accepted. The purpose of an IAS is to logically organize relationships between issues participants are facing and contents covered in the training course. The sheet is to be utilized as a logical process control sheet to draw on improvement plans for challenges by filling out the sheet in phases from prior to a participant's arrival in Japan through the end of training. Participants accepted to the Course are requested to bring this IAS in electronic file when coming to Japan.

4. Procedures for Application and Selection

(1) Submission of the Application Documents

Closing date for applications: **Please inquire to the JICA office (or the Embassy of Japan).**

After receiving applications, the JICA office (or the Embassy of Japan) will send them to the JICA Center in JAPAN by **May. 8, 2019.**



(2) Selection

After receiving the documents through proper channels from your government, the JICA office (or the embassy of Japan) will conduct screenings, and then forward the documents to the JICA Center in Japan. Selection will be made by the JICA Center in consultation with concerned organizations in Japan. *The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection.* Qualifications of applicants who belong to the military or other military-related organizations and/or who are enlisted in the military will be examined by the Government of Japan on a case-by-case basis, consistent with the Development Cooperation Charter of Japan, taking into consideration their duties, positions in the organization, and other relevant information in a comprehensive manner.

(3) Notice of Acceptance

Notification of results will be made by the JICA office (or the Embassy of Japan) **not later than June 7, 2019.**

5. Conditions for Attendance:

- (1) to strictly adhere to the program schedule.
- (2) not to change the program topics.
- (3) not to extend the period of stay in Japan.
- (4) not to be accompanied by family members during the program.
- (5) to return to home countries at the end of the program in accordance with the travel schedule designated by JICA.
- (6) to refrain from engaging in any political activities, or any form of employment for profit or gain.
- (7) to observe Japanese laws and ordinances. If there is any violation of said laws and ordinances, participants may be required to return part or all of the training expenditure depending on the severity of said violation.
- (8) to observe the rules and regulations of the accommodation and not to change the accommodation designated by JICA.

IV. Administrative Arrangements

1. Organizer

(1) **Name:** JICA KYUSHU

(2) **Contact:** Training Program Division (kictp@jica.go.jp)

2. Implementing Partner

(1) **Name:** Kitakyushu International Techno-cooperative Association (KITA)

(2) **URL:** http://www.kita.or.jp/english/e_index.html

3. Travel to Japan

(1) **Air Ticket:** The cost of a round-trip ticket between an international airport designated by JICA and Japan will be borne by JICA.

(2) **Travel Insurance:** Coverage is from time of arrival up to departure in Japan. Thus traveling time outside Japan will not be covered.

4. Accommodation in Japan

JICA will arrange the following accommodations for the participants in Japan:

JICA Kyushu Center (JICA KYUSHU)

Address: 2-1, Hirano 2-chome, Yahata Higashi-ku, Kitakyushu City,
Fukuoka Prefecture 805-8505, Japan

TEL: +81-93-671-6311 FAX: +81-93-671-0979

(where "81" is the country code for Japan, and "93" is the local area code)

If there is no vacancy at JICA KYUSHU, JICA will arrange alternative accommodations for the participants. Please refer to facility guide of KIC at: <http://www.jica.go.jp/english/about/organization/domestic/index.html>

5. Expenses

The following expenses will be provided for the participants by JICA:

(1) Allowances for accommodation, meals, living expenses, outfit and shipping

(2) Expenses for study tours (basically in the form of train tickets)

(3) Free medical care for participants who become ill after arriving in Japan (costs related to pre-existing illness, pregnancy or dental treatment are not included)

(4) Expenses for program implementation, including materials

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.

6. Pre-departure Orientation

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

V. Other Information

1. Reports and Presentation

(1) Job Report & Issue Analysis Sheet (IAS)

As written in the previous page, each nominee is required to submit his/her own Job Report, Questionnaire and IAS following the instruction in Section III. Participants will have a presentation of his/her Job Report & IAS up to 10 minutes at the earlier stage of the training in order to share knowledge and background with other participants as well as instructors. **Power Point and pictures (as referable visual material) must be prepared in advance as the draft of presentation.** When you use Power Point, it is preferable to use letters more than 24 points and not to use pictures on the background. Particularly we request you to submit IAS duly considered so that we can understand what problems now you are tackling and better solution can be obtained through this training course. We expect more time shall be shared in 10 minutes presentation for IAS than Job report.

(2) Action Plan Report

Participants are required to formulate an action plan at the end of the training program to express your idea and plan as the final achievement, which you carry out after your return, reflecting the knowledge and method you acquire from the training. Preferably Action Plan is the specific solution for IAS submitted before course starting. Each participant will have 10 minutes for presentation.

(3) Intermediate Discussion Weekly Report (Review of Lessons)

During the course running participants are required to attend at Intermediate Discussion occasionally in order to confirm whether each can understand the lesson. **Therefore every participant is definitely required to communicate and discuss in English.** In addition weekly report is requested to be submitted every weekend.

2. International Exchange Program with local communities

Participants will have a chance to visit elementary schools or junior high schools. Therefore, participants are recommended to bring their national costumes or crafts and materials such as CDs and photographs that will make the exchange program more fruitful.

3. Remarks

JICA training is implemented for the purpose of development of human resources who will promote the advancement of the countries, but not for the enrichment of

individuals or private companies. Matters of a trade secret and patent techniques will remain confidential and inaccessible during the training.

VI. ANNEX

- I. Job Report
- II. Questionnaire
- III. Issue Analysis Sheet
- IV. Issue Analysis Sheet (IAS) Guidelines
- V. Sample Training Schedule (for reference)

Annex I

**Advancement of Solid Waste Management Technologies
(Advance, Technique)
(JFY 2019)
Job Report**

Name: _____
Country: _____
Organization and present post: _____
E-mail: _____
FAX: _____

Remarks 1: The Report should be typewritten in English (12-point font, appropriately spaced, A4 size paper) and total pages of the report should be limited to 3 pages (not including organization chart).

Remarks 2: Please don't forget to check the analysis sheet.

Remarks 3: Each participant is requested to give presentation up to around 10 minutes based on this Job Report and Issue Analysis Sheet (IAS). With regard to IAS kindly make a presentation in detail so that all training staff will understand how you are facing challenges and why you attend this training course.

Remarks 4: It is also requested to prepare a POWERPOINT for the presentation. When you use PowerPoint, it is preferable to use letters more than 24 points and not to use pictures on the background.

Remarks 5: Please itemize your answer and make them specific.

1. Organization and main tasks (up to 1 page)

(1) Description of the organization

Name of organization:

Number of staff:

Main task of the organization:

Your task in the organization:

(2) Organization chart

Please draw a chart of your organization including the department (section) names with the number of staffs in it and mark where you are positioned. (The chart should be attached and not be counted in this page limit.)

(3) Description of your assignments to the training

2. Existing challenges in your section (up to 1 page)

(1) Challenges you are facing in your section (Please describe concrete details)

(2) Countermeasures for these challenges

(3) Obstacles in the process of solving those challenges

3. Expectations for the training course (up to 1 page)

(1) Most interesting subjects or topics in this training course and reasons why you pick up the subjects

(2) How do you expect to apply skills and knowledge according the listed items in Curriculum after you return to your home country?

(3) Other matters you are expecting for this course, if any
(Basically this training program is fixed and cannot be changed upon your request.)

**Advancement of Solid Waste Management Technologies
(Advance, Technique)
(JFY 2019)
Questionnaire**

Name: _____
Country: _____
Organization and present post: _____
E-mail: _____
FAX: _____

Remarks 1: The Questionnaire should be typewritten in English (12-point font, appropriately spaced, A4 size paper), and total pages of the report should be limited to 2 pages.

Remarks 2: Please itemize your answers and make them specific.

1. Have you ever studied the following subjects? Please check either Yes or No. If your answer is "Yes", please fill in "Years" parentheses with your years of experience on the respective items.

	YES	NO	Years
(1) Environmental science and engineering	()	()	()
(2) Sanitary engineering	()	()	()
(3) Environmental education	()	()	()
(4) Household refuse treatment practice	()	()	()
(5) Solid waste management administration	()	()	()

2. Explain the situation in the jurisdiction of your organization.

(1) Household Refuse Management

- Volume of household refuse
- Kinds of household refuse and their percentage
- Collection method
- Fee of household refuse

(2) Landfill Site

- Capacity (volume and area)
- Distance from collecting spot to landfill site
- Method for measurement (or estimation) of volume of waste
- Volume of waste per day
- Rate of tipping fee
- Management (local government or private company)

(3) Industrial Waste

- Kinds/volume of industrial waste
- Waste generator can be identified?

(4) Population in the area which your organization is in charge of

(5) The annual budget (U.S. dollar) for solid waste management

(6) Solid waste management

a. Breakdown by weight of the annual solid waste materials and percentage

	Weight (tons)	Percentage
- food	(t)	(%)
- paper	(t)	(%)
- plastic	(t)	(%)
- metals	(t)	(%)
- others	(t)	(%)

b. Breakdown of annual municipal solid waste budget and their percentage

	Budget (USD)	Percentage
- collection	(USD)	(%)
- construction of treatment/disposal facilities	(USD)	(%)
- disposal operation and management	(USD)	(%)
- others	(USD)	(%)

(7) Compost plant

- Method and capacity

(8) Medical/Toxic waste treatment

- Kind/volume of medical/toxic waste treatment
- Treatment method

(9) Environmental education

- Method and target persons

Annex III

Issue Analysis Sheet (IAS)

Country: _____ Name: _____

No	[A] Issues that you confront.	[B] Actions that you are taking.
1	[I] Task or The information that I need.	[II] Useful information that I obtained /found. [III] Lecturer

No	[A] Issues that you confront.	[B] Actions that you are taking.
2	[I] Task or The information that I need.	[II] Useful information that I obtained /found. [III] Lecturer

No	[A] Issues that you confront.	[B] Actions that you are taking.
3	[I] Task or The information that I need.	[II] Useful information that I obtained /found. [III] Lecturer

[I], [II], [III] These columns will be filled during the training course.

*You shall describe challenges you are facing in your section also in the Job Report. Among them, in column A, please describe only those issues you expect to solve utilizing information and knowledge being delivered in this training course.

AnnexIV

Issue Analysis Sheet (IAS) Guidelines

1. What is IAS?

- (1) IAS is a tool to logically organize relationships between issues and contents of the training program in Japan.
- (2) IAS will help the nominee to clarify his/her challenges to be covered in each expected module output and to formulate solutions to them.
- (3) The sheet is to be utilized as a logical process control sheet to draw up improvement plans for the issues by filling out the sheet in phases from prior to the nominee's arrival through to the end of the training.
- (4) In addition, it is used for the course leader and lecturers to understand the issues that each participant is confronting, and provide him/her with technical advice, useful references and solutions through the training program in Japan.

2. How to fill out IAS?

- (1) Please describe the issues you (your organization) confront(s) in column "A: **Issues that you (your organization) confront(s)**".
You shall describe challenges you are facing in your section also in the Job Report. Among them, in column A, please describe only those issues you expect to solve utilizing information and knowledge being delivered in this training course. Prepare the separate rows for each problem; if necessary, please add new rows.
- (2) In column "B: **Actions that you (your organization) are (is) taking**", please describe actions that you (your organization) are taking to solve the issues shown in "Column A".
This information is very important to carry out the training course and also to make Action Plan as a fruit of the training.
- (3) It's not necessary to fill in column " I : **Task or the information that I need**", column " II : **Useful information that I obtained/found**" and column " III : **Lecturer**". These columns shall be filled out during the training.
- (4) "Column I " shall be clarified and filled out in the subject "Task extraction using IAS" implemented at the earlier time in the training.
- (5) "Column II " and "Column III " shall be filled out during the training and you are required to present completed IAS in the subject "Action Plan Presentation".

Annex V

Sample schedule (for your reference) *The schedule is subject to change.

Date		Subject
7 JL	(Sun)	Arrival in Japan
8 JL	(Mon)	Briefing/ Program Orientation
9 JL	(Tue)	General Orientation (Japanese Politics, Administration Structure and Economy)
10JL	(Wed)	Cultural Exchange Program / Course Orientation
11JL	(Thu)	IAS Task Extraction Work I / Task Extraction Work II
12JL	(Fri)	Job report & IAS presentation rehearsal / Job report & IAS Presentation
13JL	(Sat)	Holiday
14JL	(Sun)	Holiday
15JL	(Mon)	National Holiday
16JL	(Tue)	Home Composting from Kitchen Garbage (Takakura Method) I
17JL	(Wed)	Home Composting from Kitchen Garbage (Takakura Method) II
18JL	(Thu)	Sound Material Cycle Society I (Overall views) / Visit Eco-town in Kitakyushu (1st time)
19JL	(Fri)	Sound Material Cycle Society II (Law and Regulation) / Japan Political System and Waste Management Law and System
20JL	(Sat)	Holiday
21JL	(Sun)	Holiday
22JL	(Mon)	Visit Green Composting Plant in Fukuoka City / Visit Overall Recycling System of Organic Waste in Local Town (Ohki Town)
23JL	(Tue)	Sound Material Cycle Society III (law and Regulation) / Visit Sanitary Landfill Site in Kitakyushu (Sea Reclamation)
24JL	(Wed)	General Waste Management in Kitakyushu city / Industrial Waste Management in Kitakyushu city
25JL	(Thu)	Effective Waste Collection and Transportation I (Time & Motion Study)
26JL	(Fri)	Effective Waste Collection and Transportation II (Time & Motion Study)
27JL	(Sat)	Holiday
28JL	(Sun)	Holiday
29JL	(Mon)	Start Study Tour for Kobe and Tokyo
30JL	(Tue)	Visit Composting Plant from organic waste combined with firming as a Business Model in Kobe
31JL	(Wed)	Environmental Education from International View Point /

		Introduction of JICA Overseas Project
1AG	(Thu)	Visit Eco-Town in Tokyo/ Visit Large Scale Landfill Site in Tokyo
2AG	(Fri)	Visit Eco-Town in Kawasaki city
3AG	(Sat)	Return to Kitakyushu
4AG	(Sun)	Holiday
5AG	(Mon)	Visit Plastics and Paper Recycling Plant in Kitakyushu / International Cooperation for Environmental matters by Kitakyushu City
6AG	(Tue)	Practice of Waste Collection & Transportation / Visit Incineration Plant in Kitakyushu
7AG	(Wed)	Visit Hospital how to separate Medical Wastes / Visit Medical Waste Processing Plant in Kitakyushu
8AG	(Thu)	Cleaner Production and Effective Management / Intermediate Discussion for Further Understanding of Previous Lessons
9AG	(Fri)	Visit Waste Oil Recycling Plant / Visit Eco-Town in Kitakyushu (2nd time)
10AG	(Sat)	Holiday
11AG	(Sun)	Holiday
12AG	(Mon)	National Holiday
13AG	(Tue)	Home Composting by Using Cardboard and Firming Activity
14AG	(Wed)	Sanitary Landfill Technology of Semi-aerobic System I (Fukuoka method)
15AG	(Thu)	Sanitary Landfill Technology of Semi-aerobic System II (Fukuoka method)
16AG	(Fri)	Sanitary Landfill Technology of Semi-aerobic System III (Fukuoka method)
17AG	(Sat)	Holiday
18AG	(Sun)	Holiday
19AG	(Mon)	Nature Preservation for City Developing / Visit Intermediate Handling Plant of Waste in Kitakyushu (PET bottles Glass bottles, Plastics and others)
20AG	(Tue)	Environmental Education in Kitakyushu / Visit Nature Reserved Park for Kids Education in Kitakyushu
21AG	(Wed)	Visit Rubber Tire Recycling Plant
22AG	(Thu)	Instruction I for Action Plan Preparation / Visit Livestock Feed Plant
23AG	(Fri)	Quality Control of Compost from Different Waste (kitchen waste, livestock waste etc.) / Visit composting plant (Private Company)
24AG	(Sat)	Holiday
25AG	(Sun)	Holiday

26AG	(Mon)	Visit Overall Recycling System of Organic Waste in Local Town (Tosu City) / Visit Sewage Treatment and Composting Plant in Saga City
27AG	(Tue)	Visit Bottle and Tins Recycling center in Kitakyushu / Experience of Eco Tour around Kitakyushu city
28AG	(Wed)	Start Study Tour for Kumamoto Visit RDF(Refuse Derived Fuel) Manufacturing Plant / Visit Thermal Power Plant Using RDF
29AG	(Thu)	Visit Minamata city to Learn about Policy of Environmental Management and History of Minamata Disease
30AG	(Fri)	Visit Geo-thermal Plant / Return Back to Kitakyushu
31AG	(Sat)	Holiday
1 SP	(Sun)	Holiday
2 SP	(Mon)	Instruction II for Action Plan Preparation / Visit Environmental Museum in Kitakyushu
3 SP	(Tue)	Visit Automobile Factory to study Waste Water Treatment / Visit Local Community Center in Kitakyushu to Observe NPO Activities
4 SP	(Wed)	Visit Waste Analysis Center in Kitakyushu to Study the Composition of Various Wastes
5 SP	(Thu)	Visit Desalination Plant in Fukuoka / Instruction III for Action Plan Preparation and Presentation (Rehearsal)
6 SP	(Fri)	Evaluation Meeting / Action Plan Presentation / Closing Ceremony / Farewell party
7 SP	(Sat)	Leave from Japan

For Your Reference

JICA and Capacity Development

The key concept underpinning JICA operations since its establishment in 1974 has been the conviction that "capacity development" is central to the socioeconomic development of any country, regardless of the specific operational scheme one may be undertaking, i.e. expert assignments, development projects, development study projects, training programs, JOCV programs, etc.

Within this wide range of programs, Training Programs have long occupied an important place in JICA operations. Conducted in Japan, they provide partner countries with opportunities to acquire practical knowledge accumulated in Japanese society. Participants dispatched by partner countries might find useful knowledge and re-create their own knowledge for enhancement of their own capacity or that of the organization and society to which they belong.

About 460 pre-organized programs 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 and are being customized to address the specific needs of different target organizations, 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 was the first non-Western country to successfully modernize its society and industrialize its economy. At the core of this process, which started more than 140 years ago, was the "*adopt and adapt*" concept by which a wide range of appropriate skills and knowledge have been imported from developed countries; these skills and knowledge have been adapted and/or improved using local skills, knowledge and initiatives. They finally became internalized in Japanese society to suit its local needs and conditions.

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 this "*adoption and adaptation*" process, which, of course, has been accompanied by countless failures and errors behind the success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are trying to address the challenges currently faced by developing countries.

However, it is rather challenging to share with our partners this whole body of Japan's developmental experience. This difficulty has to do, in part, with the challenge of explaining a body of "tacit knowledge," a type of knowledge that cannot fully be expressed in words or numbers. Adding to this difficulty are the social and cultural systems of Japan that vastly differ from those of other Western industrialized countries, and hence still remain unfamiliar to many partner countries. Simply stated, coming to Japan might be one way of overcoming such a cultural gap.

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.



CORRESPONDENCE

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