

# **TOTAL ENVIRONMENTAL CONTAMINATION CONTROL**

## **1. PURPOSE OF THE COURSE**

The purpose of the training course is to develop the participant's capacity in the field of comprehensive environmental contamination control. The participant will attend the "Technical Training" mentioned in the section (2), **2. TRAINING PROGRAM** below, and acquire related knowledge and skills through lectures, observation and discussion. The participant is expected to come up with ideas about countermeasure actions to address environmental issues such as air, water and soil contamination caused by industrial activities, disorderly urban development and others.

By the end of the course the participant will design a specific plan of countermeasure actions that can be applied to his/her own activities in Mexico.

## **2. TRAINING PROGRAM**

### **(1) General Orientation and Japanese Language Program**

The General Orientation and Japanese Language Program are organized at the Chubu International Center of JICA prior to the technical training to assist participants in understanding Japan and adjusting themselves to life in Japan, and thus to facilitate effective training.

### **(2) Technical Training**

#### **1) Acquirement of knowledge and skills**

The participant will attend existing JICA group training courses such as examples listed below. (Course titles and outlines listed below are tentative and subject to some changes.)

#### **Mega-City Environmental Policy & Environmental Management System Course**

*Course Outline:* Participants are expected to foster their capability in the formulation of comprehensive environmental management plans which take account of global environmental preservation frameworks and the concept of sustainable development as well as regionally based strategies to deal with pollution generated from industry and urban living.

#### **Urban Solid Waste Management by Local Government Course**

*Course Outline:* Participants will learn the current state of waste countermeasures in Osaka city and other large cities in Japan and the history behind, understand an appropriate waste treatment planning, effective methods of collection and transport, and sanitary waste disposal methods, acquire knowledge on industrial and hazardous waste, and understand the importance of citizen cooperation.

#### **Countermeasure against Automobile Pollution in Urban Area Course**

*Course Outline:* This training is designed for deepening understandings of automobile emissions and strengthening capacity on making countermeasure plans against automobile pollution. In making countermeasure plans against automobile pollution, it is essential to consider the matter from the aspect of not only automobile exhaust gas regulation, but also traffic flow and city planning. This training contains some case studies of the Osaka area and a subject on Environmentally Sustainable Transport (EST).

## **Waste Effluent Pollution Control Caused by Mining and Manufacturing Industries for Central and South America Course**

*Course Outline:* The purpose of this program is to propose effective solutions and policies to mitigate environmental destruction and pollution in relevant countries, caused by hazardous substances contained in effluent from mining and manufacturing industries. Participants shall have opportunities to analyze national problems and propose solutions in the form of policies and countermeasures, through sharing and exchanging opinions on examples in Japan, as well as on information, problems and solutions in participants' countries.

At the beginning of the Technical Training, the participants will discuss with the training institution on the lectures, observations and workshops of each training course he/she will select/attend. Because some training courses' period may overlap, the participant has to select lectures, observations and workshops and organize his/her own curriculum and theme along his/her concern or mission.

### 2) Design a specific countermeasure plan

By the end of the training course, the participant will design a specific countermeasure plan in the field of total contamination control.

The participant will act based on the plan after returning to Mexico.

## **3. NUMBER OF PARTICIPANTS TO BE ENROLLED**

Up to two (2) persons

## **4. TRAINING DURATION From March 12, 2012 to November 17, 2012**

(1)Arrival in Japan

March 11, 2013

(2)Briefing

March 12, 2013

(3)General Orientation

From March 13, 2013 to March 15, 2013

(4)Japanese Language Program

From March 18, 2013 to May 2, 2013

(5)Technical Training

From May 8, 2013 to November 14, 2013

(6)Closing Ceremony (Presentation of Certificate)

November 15, 2013

(7)Departure from Japan

November 16, 2012

## **5. TRAINING INSTITUTION**

(1)General Orientation/Japanese Language Program

Chubu International Centre(JICA CHUBU), JICA

4-60-7, Hiraike-cho, Nakamura-ku, Nagoya, 453-0872, Japan

Tel: +81(\*)-52(\*\*)-533-0220 Fax: +81(\*)-52(\*\*)-564-3751

URL: <http://www.jica.go.jp/branch/cbic/index.html>

(2)Technical Training

Kansai International Center (KSIC), JICA

1-5-2, Wakinohama-Kaigan-dori, Chuo-ku, Kobe 651-0073, Japan

Tel: +81(\*)-78(\*\*)-261-0341 Fax: + 81(\*)-78(\*\*)-261-0465

<http://www.jica.go.jp/english/contact/domestic/index.html>

(\*)Country code of Japan, (\*\*) area code

## **6. CONDITION OF APPLICATION**

Applicants should:

(1) have a bachelor's degree or the equivalent in the relevant field,

(2) be an official of central/local government, a researcher, or a member of NGO in the relevant field,

\* The training program deals with cross cutting issues of contamination control contained in the existing group training courses mentioned in the section (2), 2.TRAINING PROGRAM above.

(3) have a sufficient command of English (including technical terms),

(4) be between twenty five (25) and forty(40) years of age,

(5) be good in health, both physically and mentally, to undergo the training; pregnancy is regarded as a disqualifying condition for participation in the training, since this training contains several visits and trips which are hard on pregnant body,

(6) not be presently serving in the military.

## **7. JOB REPORT**

Each applicant is requested to prepare a report on the present and previous situation of their responsible areas or organizations. The report should be written on the following items (See Annex for detail). The report should be submitted with the Application Form. Any application not accompanied with the

completed report will not be accepted.

- (1) Personal profile:
- (2) Organization profile:
- (3) Your expected study theme & study plan:
- (4) Chart of applicant's organization (\*Please attach existing materials):

Remarks:

The report should be on A4 size paper.

The report will be used for the selection of participants.

## Job Report

\*Please keep in mind that the report should be clear and concise. You may expand the space of each row and column of the format, if necessary.

## 1. Personal Profile

Country / City:	Name:
Organization name:	
Position/title:	
<p>Your experience on environment protection and relevant field (*Not only your present position but also previous jobs related with the field. Please write years that you had been engaged in those jobs too.):</p>	

## 2. Organization Profile

Year of establishment:		Number of staff:		Annual budget(US\$):	
Purposes/Goals:					
Major target group/area:					
Major area/type of activities (*An itemized style):					
Major associated organizations:					

**3. Your expected study theme & study plan**

Your study theme	
Your study plan	

