

2019 Course Information

CAPACITY DEVELOPMENT PROGRAM ON AIR QUALITY MANAGEMENT AND RENEWABLE ENERGY FOR SUSTAINABLE DEVELOPMENT



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People, Peace, Prosperity

KOICA

Korea International
Cooperation Agency

Korea International Cooperation Agency (KOICA) was established as a government-funded agency dedicated to grant aid programs in April 1991. KOICA strives to combat poverty and support sustainable socio-economic growth of developing countries. By doing so, we aim to promote friendly and cooperative relationship with them.



DEVELOPMENT COOPERATION AGENCY OF THE KOREAN GOVERNMENT

KOICA is an organization responsible for 26% of the entire ODA (Official Development Assistance) in Korea based on the 2018 business plan, and is Korea's leading agency responsible for approximately 60% of grant aid. The scale of aid from KOICA, which was about 17.4 billion KRW in 1991, increased significantly to 800 billion KRW in 2018. This followed the admission to the Development Assistance Committee (DAC), along with the ODA contribution diplomacy policies of the Korean government which aims to make contributions to the international community.



KOICA Fellowship Program, CIAT

Like its acronym that sounds like “seed” in Korean, CIAT hopes to spread seeds of hope across developing countries. CIAT is a cooperation program where policy-makers, public servants and experts from developing countries are invited to Korea for technical training and knowledge sharing.



CIAT has established partnerships with a multitude of public organizations, research institutes, universities and others in Korea to offer quality training programs. Such efforts have resulted in a high level of satisfaction among participants. After returning to their home countries, CIAT participants play a role in spreading Korea’s commitment and goodwill towards their society.



FOR APPLICANTS

PROGRAM OVERVIEW

TITLE: Capacity Development Program on Air Quality Management and Renewable Energy for Sustainable Development

DURATION: 2019-2021

GOAL: To increase capacities for the planning and implementation of various strategic policies with regard to air quality management and renewable energy



Accomplishing the program's goals through capacity building and contributing to sustainable socio-economic development of developing countries

COURSE OVERVIEW

1. OBJECTIVES

- 1) To provide a reference including Korea's experiences to participating countries' air quality management and renewable energy sector
- 2) To help improve participating countries' air quality and renewable energy policies and formulate policy alternatives
- 3) To exchange the views on urgent issues addressed at international seminars related to the air quality and renewable energy sector
- 4) To propose a specific project based on popular demand as a result of preparation for the first year action plan, which includes well-laid way for air quality improvement and appropriate enhancement measure of renewable energy

2. COURSE DURATION

- (Invitational training) Oct 31(Thu) - Nov 15 (Fri), 2019 (including participants' arrival and departure dates) *Training Duration: Nov 1(Fri) - Nov 14 (Thu), 2019

3. LANGUAGE: (Main) Spanish / (Sub) English

4. LOCATION

- 1) Training: Korea Environment Corporation (Incheon)
- 2) Accommodation: KOICA International Cooperation Center (Seongnam)

5. PARTICIPANTS: 20 persons

(Bolivia 3, Dominican Republic 4, Ecuador 3, Guatemala 3, Haiti 4, Peru 3)

※ This course is targeted at participants meeting the above qualifications, and thus ineligible participants, if any, may have difficulty understanding the course.

ELIGIBILITY REQUIREMENTS	
MANDATORY	1. Be nominated by his/her government;
	2. Be in good health both physically and mentally, enough to take the course;
	3. Have a willingness to show a high level of participation and commitment throughout the course and contribute to the capacity building of his/her organization after the completion of the program;
	4. Have not participated in the same or similar KOICA Fellowship Program for the past three years, unless otherwise specified; (provided, however, that a key person for the course of the intensive performance management program, for example, may participate in the same or similar KOICA Fellowship Program, subject to pre-discussion with KOICA.)
	5. (Original place of employment (priority)) Bolivia – Ministry of Environment and Water Dominican Republic – Ministry of Environment and Natural Resources Ecuador – Ministry of Environment Guatemala – Ministry of Environment and Natural Resources Haiti – Ministry of Environment Peru – Ministry of Environment
	6. (Position) Be a government employee in a high ranking position;
	7. (Relevant work experience) Have more than 3 years of relevant work experience and basic knowledge of air quality management and renewable energy;
	8. (Language capability) Sufficient proficiency in written and spoken English to actively participate in seminars and write an Action Plan
	9. Working knowledge of computers and PowerPoint software

6. CURRICULUM

MAIN LECTURES & DISCUSSIONS	STUDY VISIT
Module 1. Korea's Development Strategy and Experience on Air Quality Management and Renewable Energy	
<ul style="list-style-type: none"> · Korea's environmental policy and system for sustainable development including climate change · Atmosphere policy and system in Korea · Status of global climate change & renewable energy market 	<ul style="list-style-type: none"> · Comprehensive Air Monitoring Center · Ambient Air Monitoring Station · Seoul Metropolitan Landfill Site · Organic waste to biogasification facility
Module 2. Management Skills for Atmosphere Environment and Renewable Energy	
<ul style="list-style-type: none"> · Understanding of mechanism for installation of environmental monitoring system especially on air quality management · Network skills for environmental monitoring and case study in developing countries · Policies and systems of renewable energy and system for responding to climate change · Organic waste to resources and energy 	<ul style="list-style-type: none"> · Seoul Energy Dream Center · Hanam-City Union Park · Waste to energy facility
Module 3. Country Report and Action Learning / Plan	
<ul style="list-style-type: none"> · Presentation of Country Report and sharing the difference of each country · Action Learning Workshop <ul style="list-style-type: none"> - Lecture on Action Learning - Action Plan Building by group or individual with support from experts - Presentation and Evaluation of the Action Plan 	
EXTRACURRICULAR ACTIVITIES	
<ul style="list-style-type: none"> · Home-Visiting Program · Seoul City Tour (www.visitseoul.net) · SK Incheon PetroChemical (www.skincheonpetrochem.com) 	

7. TRAINING INSTITUTE : Korea Environment Corporation (www.keco.or.kr)

As of Jan 1 2010, ENVICO and EMC, two affiliated organizations under the Ministry of Environment in Korea, were merged to Korea Environment Corporation (K-eco). ENVICO (Korea Environment & Resources Corporation), established in 1980, was a comprehensive waste management organization in Korea which operated policies and businesses to control waste generated from design and production to distribution, consumption and disposal of products; promote resource recycling and minimize the amount of waste. EMC (Environmental Management Corporation) promoted various specialized projects for improving air, water and soil management in order to create a healthy and sound environment. Based on the previous working experiences, K-eco has created synergies in all environmental areas including air, water, soil, resource recirculation, environment and health and environmental industry development, and has successfully implemented the government's environmental policies and green growth program

Core Businesses:

- ✓ Response to international convention on the environment, including climate change response and greenhouse gas reduction
- ✓ Support for environment-friendly urban development with minimization of carbon emissions
- ✓ Installation and operation of the environmental monitoring network for the management of the air quality, water quality, waste and controlling center
- ✓ Development and support for policy research on pollution prevention, environmental improvement and resource recirculation
- ✓ Installation and operation of environmental complexes such as wastewater treatment facilities and waste-to-energy facilities

HOW TO APPLY

APPLICATION DEADLINE: October 2, 2019

Step 1. CHECK OUT COURSE INFORMATION

- Applicants must check Program Overview and Course Overview details to see if the course they apply for is relevant to their work and they meet the qualifications for selecting participants.

Step 2. FILL OUT AND SUBMIT AN APPLICATION.

- After filling out an application, applicants must submit it no later than the deadline.

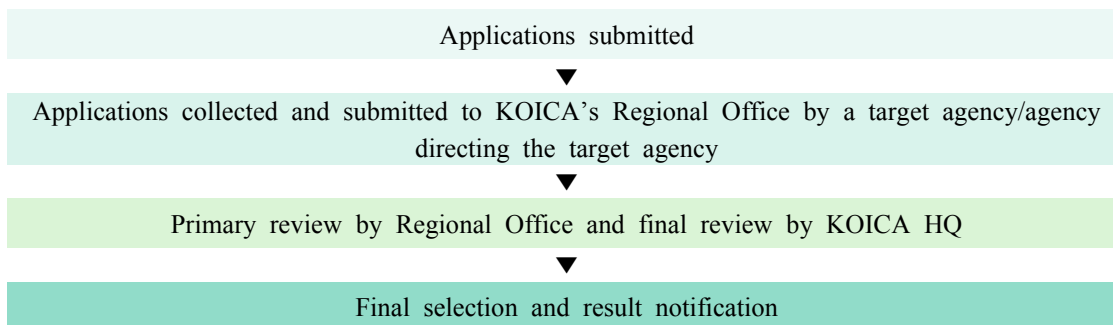
※ Instructions for filling out an application ※

- 1) Fill in all entries in the application form, including email address and medical records, **accurately and without omission** (The selection process of qualified applicants will start based on the information provided).
- 2) Applicants are required to fill out an application clearly and legibly.
(The course application result or follow-up activities after completion of the course will be notified to the email address an applicant gives in the application.)
- 3) Make sure to submit all the documents required for application.
(ex, Passport, Medical Reports etc.)

Step 3. SELECTION RESULT NOTIFICATION

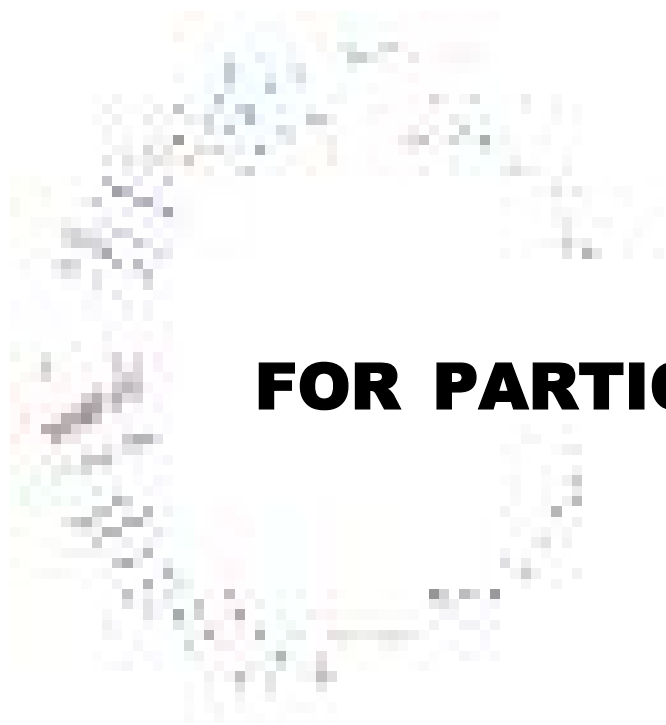
- KOICA headquarters will notify finally selected candidates to their email address.

※ Overview of the Selection Process ※



< Information for Successful Candidates >

- Successful candidates are required to submit Country Report no later than the deadline (For details, see the next page).



FOR PARTICIPANTS

PARTICIPANTS' MAJOR ACTIVITIES

All participants are requested to establish and present an Action Plan towards the end of the program. The Action Plan is one of the crucial program activities to which KOICA gives top priority. It is intended, firstly, to help program participants to come up with alternatives and solutions to the current issues and major challenges which participants' country/government/organizations are facing and, secondly, to plan what action participants should take in order to solve those challenges.

For a successful Action Plan, **the first step is to prepare a Country Report.** In preparing a Country Report before joining the KOICA training course, participants will have an opportunity to analyze their own countries' current issues and challenges as well as circumstances surrounding them. Preparation and presentation of a Country Report is part of the Action Plan building process in which participants will be involved throughout the program.

The second step is to build an Action Plan. With the Country Report in mind, participants are encouraged to develop an Action Plan by incorporating the observations, experiences, and findings from the program, specifically from lectures, discussions, study visits, or local field trip. During the Program Orientation Session, the Action Plan guidelines, including a PPT template for presentation, will be provided to participants with instructions on how to formulate concepts and ideas for composing a practical and feasible Action Plan.

The third step is to implement the Action Plan. After going back to their home country, participants should implement the Action Plan according to its specifics and timeline. Participants are advised to do follow-up activities such as knowledge-sharing workshops or presentations with colleagues.

	STEP 1	STEP 2	STEP 3
WHO	Participants individually or as a group		
WHEN	Before program	During program	After program
WHAT	Country Report	Action Plan	Follow-up activities
HOW	Preparation and presentation	Establishment and presentation	Implementation
WHY	To analyze each country/organization's current status and problems focusing on the program theme	To provide solutions to the identified problems and issues in the Country Report	To apply participants' Action Plan to work & share knowledge with colleagues

[STEP 1] COUNTRY REPORT

1. WHAT IS COUNTRY REPORT?

A Country Report is a pre-assignment prepared and submitted by participants before the course starts. Participants analyze their own countries' current issues and challenges as well as circumstances surrounding them, and share the findings with other participants and Korean experts in an effort to provide solutions to the identified problems and issues for their own countries.

2. HOW AND WHAT TO PREPARE

Participants are requested to prepare the Country Report individually or as a group and must submit it by the deadline specified below, so that it can be shared by lecturers in advance, before the program starts and also by fellow participants, moderators, discussants and Korean experts during the program in an effort to provide solutions to the identified problems and issues.

By when	October 14, 2019
In what format	Microsoft PowerPoint
To whom	Program Manager Hyunwoo Lee / dlgusdn77@keco.or.kr
Which contents?	<p>Chapter 1. Legal frameworks related to ambient air quality management and renewable energy</p> <p>Chapter 2. Current status of air quality management systems in the whole areas of each country or a specific area in a province, such as technologies(or facilities) and measuring system</p> <p>Chapter 3. Ministries' long term and short term plans for air quality management and renewable energy</p> <p>Chapter 4. Challenges and tasks</p> <p style="padding-left: 40px;">(1) Integrated Management of Segmented Invitational Training Programs of Government Ministries and Agencies</p> <p style="padding-left: 40px;">(2) Establishment of Measures to Revitalize the Follow-Up Network of Participants and Follow-Up Support System</p> <p style="padding-left: 40px;">(3) Development of Electronic System for Program Support and Participant Selection</p> <p>* The topics of Chapters 3 and 4 will be covered in the Action Plan.</p>

3. COUNTRY REPORT PRESENTATION

Each presentation should take no longer than 15 minutes or so, and use an adequate number of slides, or maximum 20 pages, with consideration of time constraints. Each Country Report presentation will be followed by a question and answer session which includes feedback from Korean experts. For more effective presentations, a projector, slide projector, overhead projector or multimedia TV will be available for use.

[STEP 2] ACTION PLAN

1. WHAT IS ACTION PLAN?

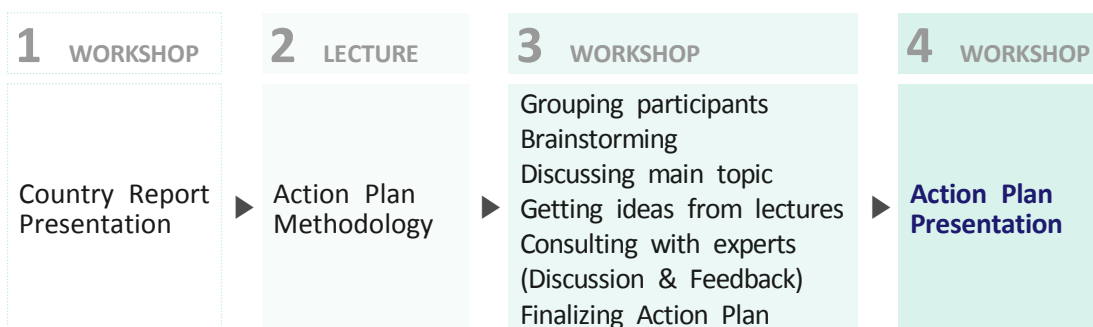
An Action Plan is a plan intended to help program participants provide alternatives and solutions to the issues and problems that are identified in the Country Report. A good Action Plan entails who will do what, when, and how in detail. Since the Action Plan's feasibility is very crucial, participants should thoroughly discuss with their supervisor(s) whether or not the main topic and direction are viable in advance.

Based on the observations and findings from the lectures, discussions, study visits, and a local field trip in Korea, participants will be asked to create an Action Plan in accordance with the Action Plan Guidelines to be provided. A session for developing and building the Action Plan will be held and the Action Plan guidelines will be provided to participants with instructions on how to formulate concepts and ideas for composing a practical and feasible Action Plan.

※ Note ※

- 1) Participants joining a second or third year course without attending the previous course or courses are required to review and understand the Action Plans by other participants in such course or courses in advance.
- 2) Participants may improve or develop the previous year's Action Plan, or build another Action Plan with a new topic.

2. ACTION PLAN BUILDING PROCESS



- Applying knowledge acquired through lectures, study visits and discussions and working on measures to solve the issues or problems identified in the Country Report from various angles
- Building specific solutions as well as implementation plan together with a moderator during an Action Plan workshop

[STEP 3] FOLLOW-UP ACTIVITY

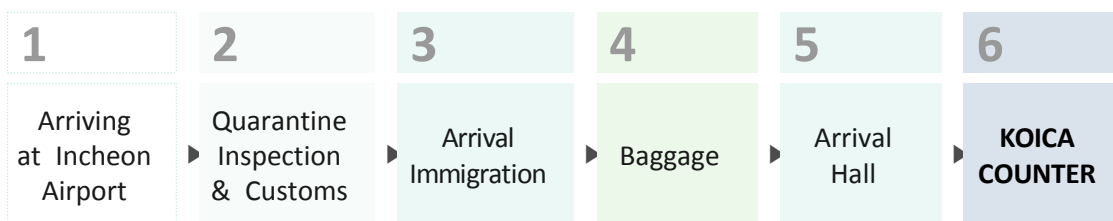
ACTION PLAN & PILOT PROJECT	Sharing the implementation status of the Action Plan with the training institute and KOICA (See Appendix: Contact) (An exemplary Action Plan is selected and financed by the training institute as a pilot project for implementation of the Action Plan)
KNOWLEDGE SHARING ACTIVITIES	Promoting knowledge spreading activities such as workshop and presentation to share knowledge acquired during the program and the Action Plan
ESSAY COMPETITION	Joining an essay competition held late in the year
KOICA CLUB ACTIVITIES	Taking part in an array of activities including joining KOICA Clubs in each country and community service after completion of the program
ONLINE NETWORKING	https://www.facebook.com/koica.icc Visiting KOICA Fellowship Community and continuing networking



APPENDIX

FROM AIRPORT TO ICC

✈ AT AIRPORT [Arrival Procedures]



※ KOICA will provide the Immigration Office at the Incheon International Airport with a list of participants' names, nationality, flight schedules, and other information regarding the Fellowship Program before arrival. Participants are advised to carry the **invitation letter** in which their status is written, and show the letter to the Immigration Officer in case the Officer asks for further identification.

KOICA COUNTER

To ensure that you receive appropriate help to safely get to the KOICA International Cooperation Center(ICC), two KOICA Counters are in service at each Terminal. At the KOICA Counter, KOICA staff will arrange your ride to the KOICA ICC.

AT INCHEON INTERNATIONAL AIRPORT TERMINAL 1 (IIAT 1)



Location

Next to Gate 1
(Counter No. 9-10)

Contact Info

Ms. Jin-Young YOON
Tel. : 82-32-743-5904

AT INCHEON INTERNATIONAL AIRPORT TERMINAL 2 (IIAT 2)



Location

In front of Gate 4
(Close to Arrival Gate B)

Contact Info

Ms. Seung-Young YAU
Tel. : 82-32-743-5905

CONTACT

KOICA Training	+82-1899-4519 (CIAT Program HOT Line) http://www.koica.go.kr http://www.facebook.com/koica.icc	
	Program Manager Mr. Minchul SHIN +82-31-740-0978 smc@koica.go.kr	CIAT Fellowship Program pilot project follow-up activities
	Program Coordinator Ms. Ayoung KIM +82-31-777-2847 aykim@koworks.org	Arrival/departure-related issues
	Program Manager Mr. Hyunwoo Lee +82-32-590-3172 dlgusdn77@keco.or.kr http://www.keco.or.kr	Course contents - Curriculum, lecture, lecturer, Country Report & Action Plan

Capacity Enhancement Program Department

Korea International Cooperation Agency

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<http://koica.go.kr>
