

[2026 One-year Program]

2026 KOICA Course Information

Capacity Building for Environmental Technology



KOICA

CIAT
KOICA Fellowship Program



Ministry of Climate, Energy and Environment
**National Institute of Environmental
Human Resources Development**

CONTENTS

0. KOICA & CIAT

1. FOR APPLICANTS

Program Overview	04
Course Overview	05
How to Apply	11

2. FOR PARTICIPANTS

Participant's Major Activities	13
Step 1. Country Report	
Step 2. Action Plan	
Step 3. Follow-up Activities	

3. APPENDIX

From Departure to Arrival	19
(only for Invitational Course participants)	
Contacts	21

People/ Peace/ Prosperity/ Planet/ Partnership/

KOICA Korea International
Cooperation Agency



Korea International Cooperation Agency

Korea International Cooperation Agency (KOICA) was established as a government agency dedicated to grant aid programs in April 1991. To achieve the 2030 Agenda for Sustainable Development Goals (SDGs), KOICA has set 5Ps - People, Prosperity, Peace, Partnership and Planet - as its core values, promoting mutual development cooperation for peace and prosperity centered on people ensuring no one behind.



KOICA Fellowship Program, CIAT

CIAT is pronounced [síat], which means seed in Korean. It aims to plant seeds of hope across partner countries. CIAT is a cooperation program where policymakers, public servants and experts from developing countries are invited for technical course and knowledge sharing.



CIAT has established partnerships with numerous public organizations, research institutes, universities, and others in Korea to offer quality course programs. These efforts have resulted in high levels of satisfaction among participants. After completing the program, CIAT participants play a significant role in spreading Korea's commitment and goodwill towards their societies.



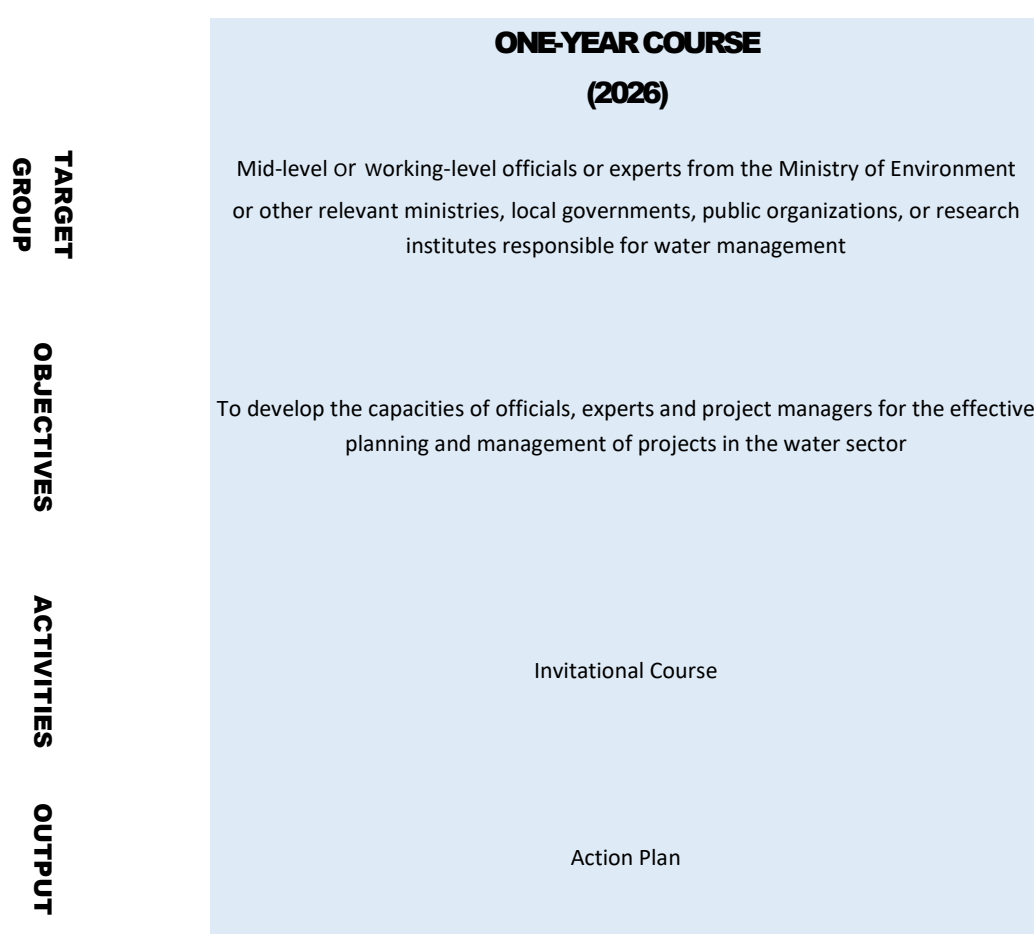
FOR APPLICANTS

PROGRAM OVERVIEW

TITLE: Capacity Building for Environmental Technology

DURATION: 2026

GOAL: To contribute to the realization of clean and safe water by enhancing the capacities of officials or experts from participating countries in the field of water environmental management, including water resources management, water supply and sewerage systems, and to strengthen the partnerships and cooperation between partner countries and Korea in the environmental sector



(Selecting a good Action Plan)

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

COURSE OVERVIEW

1. OBJECTIVES

- 1) To support officials or experts in formulating and implementing water supply and wastewater policies for clean water security
- 2) To enhance the capacity of participating countries in water resource management and water reuse systems to address the climate crisis
- 3) To establish a close network among participating countries by sharing Korea's experience and know-how in environmentally sustainable economic development

2. COURSE DURATION

Invitational Course : September 6 (Sun) - September 19 (Sat), 2026

* Course duration(Work Days) : September 7 (Mon) - September 18 (Fri), 2026

** All of the above-mentioned times are based on KST(Korea Standard Time)

3. COURSE TYPE

- Invitational Course (course in Korea)

4. LANGUAGE: English

Unless otherwise requested by the recipient country's government or recipient organization officially, all courses should be conducted in English. The official request from the recipient country's government or recipient organization must be evidenced by (an) official document(s). Conducting a course in a foreign language other than English, without both prior consultation and approval from KOICA is prohibited.

5. LOCATION

- 1) Course: National Institute of Environmental Human Resources Development (NIEHRD)
- 2) Accommodation: Mercure Hotel Seoul Magok (Seoul), Hotel in Daejeon (TBD)

6. PARTICIPANTS: 16 people

* Bolivia (1), Colombia (1), Ghana (3), Indonesia (3), Mongolia (3), Paraguay (1), Peru (1), Vietnam (3)

7. ELIGIBILITY REQUIREMENTS

MANDATORY

1. Be nominated by their 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 their organization after the completion of the program;
4. Have not participated in the same KOICA Fellowship Program for the past three years, unless otherwise specified; (Key individuals may participate in the same programs again if there is an official request from the recipient country's government or recipient organization and the request is approved by KOICA. The process of request and consultation with KOICA must be evidenced by (an) official document(s))
5. (Original place of employment) Target ministries or organizations; Ministry of Environment, Ministry of Water Resources or other relevant ministries, local governments, public organizations, or research institutes responsible for water resource management, water supply, sewerage management, or related fields
6. (Position) Be in a managerial or working-level position;
7. (Relevant work experience) Required 3 years of experience;
8. (Language capability) Sufficient proficiency in written and spoken English to actively participate in seminars and write an Action Plan;
9. (Full-time participation) Be able to attend the KOICA Fellowship Program full-time
10. (IT literacy) Have working knowledge of computers and related digital technology to perform basic tasks such as operating software systems, platforms and other communication programs (Windows, MS Office, email, etc.);

※ This course is designed for participants meeting the above qualifications. Ineligible participants may have difficulty understanding the course.

8. CURRICULUM

MAIN LECTURES & DISCUSSIONS	FIELD VISIT
Module 1. Sustainable Water Management	
· Integrated Water Management Strategies in Response to the Climate Crisis · Korea's Water Pollution Management System · Sustainable Groundwater Development and Management	
Module 2. Water Supply and Sewerage Management	
· Development and Operational Status of Water Supply Systems in Korea · Strategies for Improving Revenue Water Ratio and Water Loss Management · Sewerage System Operation and Water Reuse Technology in Korea	· Goyang & Ilsan Water Purification Center · Northern Water Resource Ecological Park
Module 3. Water Resources Management	
· Water Resources Management in Korea and Introduction to the Integrated Water Resources Management Center · Current Status and Future Directions of Hydrological Survey in Korea · Drought Monitoring and Outlook	· National Drought Information Center (NDIC) · Daecheong Dam · Korea Institute of Hydrological Survey (KIHS)
Module 4. International Cooperation Projects in Water Sector	
· K-water's Global Business and ODA Projects · KEITI's Global Business and ODA Projects · K-eco's Global Business and ODA Projects	
Module 5. Country Report and Action Plan	
· Presentation of a Country Report · Action Plan Workshop - Lecture on Action Plan Methodology & Grouping - Action Plan Development - Presentation and Feedback on the Action Plan	
EXTRACURRICULAR ACTIVITIES	
· Making a Korean Traditional Pencil Holder · Seoul City Tour (Gyeongbokgung Palace, Chenggyecheon Museum)	

9. Implementing Organization: National Institute of Environmental Human Resources Development (ehrd.mcee.go.kr/eng/index.do)

The National Institute of Environmental Human Resources Development (NIEHRD) is a government training institute of the Ministry of Climate, Energy and Environment of the Republic of Korea, established for capacity building of government officials in 1980. After going through reorganizations, it has become an independent national environmental training institute in 2006, providing education programs not only for government officials but also for employees in the environmental field and the general public as well.

NIEHRD has also carried out international programs for foreign government officials, with a view to share Korea's experiences in the area of environment with other countries. As of 2025, it has conducted more than 100 International training events for 2,093 officials from 112 countries, providing a venue to share Korea's environmental policies and cutting-edge environmental technologies.

NIEHRD will make every effort to provide quality programs to help participants from home and abroad to enhance their capacity and to move toward a sustainable society.

10. DETAILED PROGRAM SCHEDULE

Date/Time	Program Description	Remarks
September 6 (Sun)	Arrival	
	Arrival Depart for hotel and check-in	Seoul
September 7 (Mon)	KOICA Orientation/ Welcome Event/Lecture/Cultural Experience	
10:00 – 12:00	KOICA Orientation	Seoul
12:00 – 14:00	NIEHRD Orientation & Opening Ceremony	
14:00 – 16:00	Welcome Luncheon	
16:00 – 17:30	(Lecture 1) Integrated Water Management Strategies in Response to the Climate Crisis Response	
	(Cultural Experience 1) Making a Korean Traditional Pencil Holder	
September 8 (Tue)	Country Report/Action Plan	
09:30 – 12:00	(Country Report 1) Country Report Presentation (4 countries)	NIEHRD (Incheon)
12:00 – 14:00	Lunch Break	
14:00 – 16:30	(Country Report 2) Country Report Presentation (4 countries)	
16:30 – 17:30	(Action Plan 1) Action Plan Methodology & Grouping	
September 9 (Wed)	Lecture/Action Plan	
09:30 – 11:30	(Lecture 2) Sewerage System Operation and Water Reuse Technology in Korea	NIEHRD (Incheon)
11:30 – 13:30	Lunch Break	
13:30 – 15:30	(Lecture 3) Development and Operational Status of Water Supply Systems in Korea	
15:30 – 17:00	(Action Plan 2) Action Plan Workshop #1 (Participants only)	
September 10 (Thu)	Lecture/Field Visit	
09:30 – 11:30	(Lecture 4) Korea's Water Pollution Management System	Incheon & Goyang
11:30 – 14:00	Lunch & Transfer	
14:00 – 17:00	(Field Visit 1) Goyang & Ilsan Water Purification Center	
September 11 (Fri)	Action Plan/Field Visit	
09:30 – 12:00	(Action Plan 3) Action Plan Workshop #2 – Plan Development	Seoul & Bucheon
12:00 – 14:00	Lunch & Transfer	
14:00 – 17:00	(Field Visit 2) Northern Water Resource Ecological Park	
September 12 (Sat)	Cultural Experience	
09:00 – 12:00	(Cultural Experience 2) Gyeongbokgung Palace (Wearing Hanbok)	Seoul
12:00 – 14:00	Lunch & Transfer	
14:00 – 18:00	(Cultural Experience 3) Chenggyecheon Museum, etc.	
September 13 (Sun)	No Official Schedule	

September 14 (Mon)	Lecture/Field Visit	
09:00 – 13:30 13:30 – 14:30 14:30 – 15:30 15:30 – 16:30 16:30 – 17:00 17:00 – 19:00	Depart to Daejeon & Lunch (Lecture 5) Water Resources Management in Korea and Introduction to the Integrated Water Resources Management Center (Lecture 6) K-water's Global Business and ODA Projects (Lecture 7) Drought Monitoring and Outlook (Field Visit 3) National Drought Information Center (NDIC) Transfer, Dinner & Hotel Check-in	Daejeon
September 15 (Tue)	Lecture/Field Visit	
09:00 – 10:00 10:00 – 11:00 11:00 – 13:00 13:00 – 14:30 14:30 – 19:00	(Lecture 8) Strategies for Improving Revenue Water Ratio and Water Loss Management (Lecture 9) Sustainable Groundwater Development and Management Transfer & Lunch (Field Visit 4) Daechong Dam (Multi-purpose Dam) Transfer to Seoul, Dinner & Hotel Check-in	Daejeon
September 16 (Wed)	Lecture/Field Visit/Action Plan	
09:30 – 11:00 11:00 – 11:30 11:30 – 13:00 13:00 – 14:30 14:30 – 15:00 15:00 – 17:00	(Lecture 10) Current Status and Future Directions of Hydrological Survey in Korea (Field Visit 5) Korea Institute of Hydrological Survey (KIHS) (Safety Education & VR Experience) Transfer & Lunch (Field Visit 6) KIHS (Hydrological Survey using ADCP and Drones) Transfer (Action Plan 4) Action Plan Workshop #3 – Plan Development	Goyang & NIEHRD (Incheon)
September 17 (Thu)	Lecture/Action Plan	
09:30 – 10:30 10:30 – 11:30 11:30 – 13:30 13:30 – 17:00	(Lecture 11) KEITI's Global Business and ODA Projects (Lecture 12) K-eco's Global Business and ODA Projects Lunch Break (Action Plan 5) Presentation on the Action Plan and Selection of the Outstanding AP	NIEHRD (Incheon)
September 18 (Fri)	KOICA Departure OT/Closing Ceremony/Farewell Luncheon	
10:00 – 11:00 11:00 – 12:00 12:00 – 14:00	KOICA Departure OT Closing Ceremony & Questionnaire Farewell Luncheon	NIEHRD (Incheon)
September 19 (Sat)	Departure	
-	Return to Home Countries (Incheon International Airport)	

※The above schedule is subject to change.

HOW TO APPLY

APPLICATION DEADLINE: July, 29th, 2026

Step 1. CHECK COURSE INFORMATION CAREFULLY.

- Applicants must review Program Overview and Course Overview details to ensure the course is relevant to their work and that they meet the qualifications for application.

Step 2. FILL OUT AND SUBMIT AN APPLICATION.

- Applicants must submit it no later than the deadline.

※ Instructions for filling out an application ※

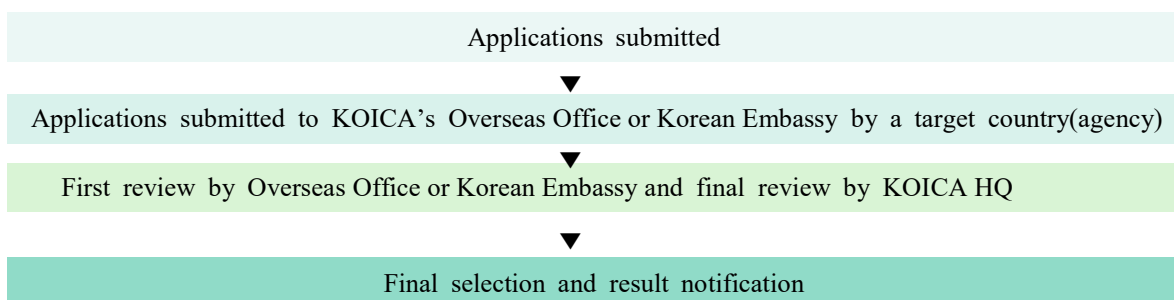
- 1) Fill in all entries of the application form, including email address **accurately and without omission** (The selection process of qualified applicants will start based on the information provided).
- 2) Applicants are required to fill out an application clearly and legibly.
(The course application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

- ▶ For inquiries regarding application submission, please contact KOICA's Overseas Office or the Korean Embassy (if KOICA Office is unavailable).

Step 3. RECEIVE NOTIFICATION OF SELECTION RESULTS.

- KOICA (or the Course Institute) will notify successful candidates of their selection via email.

※ Overview of the Selection Process ※



< Information for Successful Candidates >

- Successful candidates are required to submit a Country Report by the deadline (For details, see Country Report section).;



FOR PARTICIPANTS

PARTICIPANT'S MAJOR ACTIVITIES

All participants are requested to establish and present an Action Plan towards the end of the program. The Action Plan is a crucial program activity 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 the 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 course, participants will have an opportunity to analyze their own countries' current issues, 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 and discussions. 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 the completion of the course, 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
	Individual participants or as a group				
WHO	Before Program		During Program		After Program
WHEN	Country Report		Action Plan		Follow-up Activities
WHAT					
HOW	Presentation and Submission		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 A 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, 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 one Country Report as a group for their respective countries, and must submit it by the deadline specified below, so that it can be shared with lecturers before the program starts and also with fellow participants, moderators, discussants and Korean experts during the program in an effort to provide solutions to the identified problems and issues.

By when	<u>August 14, 2026</u>
In what format	<i>Microsoft PowerPoint</i>
To whom	<i>Program Manager Hyerim HWANG / hrhwang1224@korea.kr</i>
Topic & Sub-topics	<i>Topic: Policies and Technologies for Safe and Clean Water Management</i> <i>(Sub-topic 1) Water Supply and Sewerage Management Policies and Technologies</i> <i>(Sub-topic 2) Water Resources Management Policies and Technologies</i> <i>*You may address Sub-topic 1 or Sub-topic 2, or both, in your country report.</i>
Which contents? (Sample)	<i>Chapter 1. Introduction to the Organization</i> <i>(main functions, organizational structure, etc.)</i> <i>Chapter 2. Major Management Systems and Current Status in Water Resources</i> <i>(1) National Water Management System</i> <i>(composition and roles of government and public institutions, etc.)</i> <i>(2) Current Status of Water Resources Availability and Utilization</i> <i>(3) Risk Factors or Challenges in Water Resources Management</i> <i>Chapter 3. Current Status, Challenges and Responses in Water Supply and Sewage Treatment & Facility Operations</i> <i>(1) Current Status, Challenges and Responses in Water Supply Treatment and Facility Operations</i> <i>(2) Current Status, Challenges and Responses in Sewage Treatment and Facility Operations</i> <i>Chapter 4. National Priority Tasks and Response Strategies Related to Water Management</i> <i>* The topics from Chapters 2 through 4 will be covered in the Action Plan.</i>

3. COUNTRY REPORT PRESENTATION

Each presentation should take no longer than 20 minutes or so. 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.

[STEP 2] ACTION PLAN

1. WHAT IS AN ACTION PLAN?

An Action Plan is 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 crucial, participants should thoroughly discuss with their supervisor(s) in advance whether the main topic and direction are viable.

Based on the observations and findings from the lectures and discussions, 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.

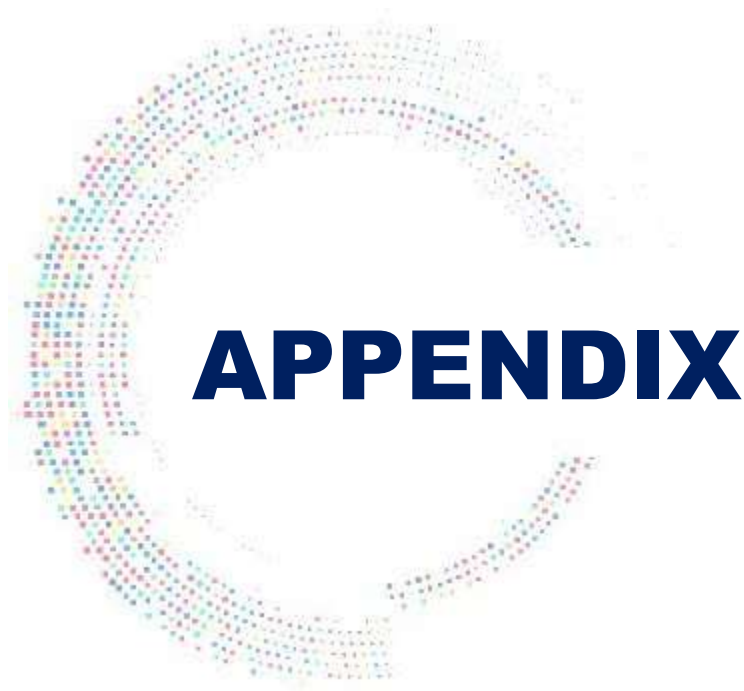
2. ACTION PLAN BUILDING PROCESS



- Applying knowledge acquired through lectures 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 an implementation plan together with a moderator during the Action Plan workshop

[STEP 3] FOLLOW-UP ACTIVITIES

ACTION PLAN & PILOT PROJECT	Sharing the implementation status of the Action Plan with the Course Institute and KOICA (See Appendix: Contacts) (An exemplary Action Plan will be selected and financed by the Course Institute as a pilot project for implementation of the Action Plan)
KNOWLEDGE SHARING ACTIVITIES	Promoting knowledge spreading activities such as workshops and presentations to share knowledge acquired during the program and the Action Plan
KOICA CLUB ACTIVITIES	Taking part in an array of activities including joining KOICA Clubs in each country and community service after the completion of the program
ONLINE NETWORKING	https://www.facebook.com/koica.icc Having an opportunity to participate in the KOICA Fellowship Community and to continue networking



FROM DEPARTURE TO ARRIVAL



BEFORE DEPARTURE

1 Apply VISA or K-ETA

Apply for VISA (C-3) or K-ETA*

2 Access Q-CODE **recommend*

▶ Advance input system (**Q-CODE**) of Quarantine Information

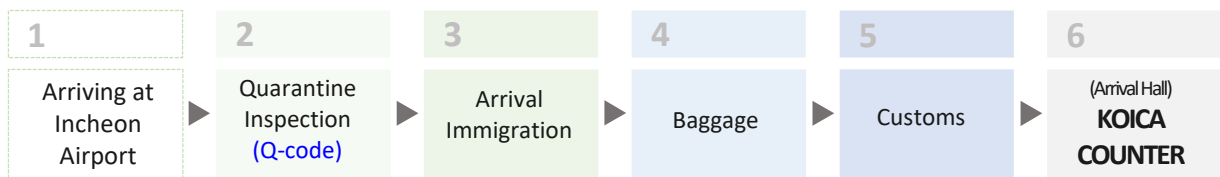
K-ETA (Korea Electronic Travel Authorization)

- Nationals of countries/regions eligible for visa-free entry are required to get K-ETA approval to board the flight or ship bound for the Republic of Korea.
- Apply via the official K-ETA website(<https://www.k-eta.go.kr>) or mobile Application(K-ETA), at least **72-hour** prior to board the flight
- ※ (COST) 10,000KRW (appx. 10USD) and 3% of card transaction fee
- ※ If you apply through a service website that is NOT the official K-eta website, you may be charged excessive fees.

Q-CODE (Quarantine Information Advance Input System)

- **Access:**<https://cov19ent.kdca.go.kr/cpassportal/biz/beffatstmnt/main.do?lang=en>
- All participants are recommended to register a Q-code prior to entering Korea.
- Passengers who have completed entering quarantine information through the Q-code system and issued a QR-code may take a short time for quarantine inspection after arriving in Korea.
- Otherwise, you may get '**Health Condition Questionnaire**' on board and fill out and submit it during the quarantine inspection.

✈ 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.

To ensure that you receive appropriate help to safely get to the Course Institute, two KOICA Counters are in service at each Terminal. At the KOICA Counter, KOICA staff will arrange your ride to the Course Institute.

AT INCHEON INTERNATIONAL AIRPORT **TERMINAL 1** (IIAT 1)



Location
In front of Exit between 1 & 2
(near **A** gate)

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

AT INCHEON INTERNATIONAL AIRPORT **TERMINAL 2** (IIAT 2)



Location
Infront of Exit 7
(near **B** gate)

Contact Info
Ms. Geun-Young KIM
Tel.:82-32-743-5905

KOICA COUNTER

CONTACTS

http://www.koica.go.kr http://www.facebook.com/koica.icc	
Program Manager Mr. Jun Hyuk SO +82-31-740-0594 junh.so@koica.go.kr	CIAT Fellowship Program Pilot Project Follow-up Activities
Program Coordinator Ms. Seowoo KIM +82-2-6916-9693 holaseowoo@koworks.org	General Support for Course Management
Program Manager Ms. Hyerim HWANG +82-32-560-7895 hrhwang1224@korea.kr	Course Contents & Management - Curriculum, Lecture, Lecturer, Country Report & Action Plan Workshop

Capacity Enhancement Program Department

KOICA International Cooperation Center(ICC)

KOICA International Cooperation Center, 825 Daewangpangyo-ro,
Sujeong-gu, Seongnam-si, Gyeonggi-do, Republic of Korea (13449)

Tel : 82-31-777-2600 / Fax : 82-31-777-2603

<http://koica.go.kr>
