The 18th Policy Consultation Forum of the Seoul Initiative Network on Green Growth
Session 3-1: Financial support programs for climate action and green growth

ODA Projects on Climate Action in the Asia-Pacific Region

26 October 2023

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KOICA Introduction
General information about KOICA

KOICA Green ODA
Climate action strategy, portfolio, and case projects

Green ODA Way Forward
Vision going forward
KOICA

Introduction

As a development cooperation agency, KOICA is committed to supporting the economic and social development of partner countries in Asia, Africa, Latin America, and around the world, and peace and prosperity in the international community.
About KOICA

Organizational structure
- Headquarters in Seongnam, Korea
- 46 country offices (20 in A-P region)
- 4 representatives in missions/delegations
- 1 branch office

Our staff
443 in Korea H.Q.
124 in country offices
571 in total

Annual Budget
KRW 1.35 trillion
≈ USD 1 billion
(2023)

KRW 2.0068 trillion
≈ USD 1.48 billion
(48.8% increase)
(2024)
Mission and Vision

MISSION

Contributing to the common prosperity and the promotion of world peace through inclusive, mutual development cooperation that leaves no one behind

VISION

An eminent global development cooperation organization to realize global values and create mutual prosperity
Core values

The values that we pursue through development cooperation

- PEOPLE
- PEACE
- PROSPERITY
- PLANET
- PARTNERSHIP
Bilateral country programs/projects

A comprehensive development cooperation project that combines human and material resources. Bilateral projects align with KOICA’s support strategies and the partner country’s development policies, to achieve development and diplomatic goals in the partner country.

Bilateral projects typically last 2 to 5 years, and involve a combination of construction, equipment support, dispatch of experts, invitation training, etc.

Overseas volunteer program (World Friends KOREA)

Through this program, Korean nationals are able to participate in overseas volunteer activities and international development cooperation work, thereby contributing to the SDGs and growing as global professionals.

Volunteers contribute to enhancing the lives of partner country citizens in close proximity. In this process, they are able to support SDGs in partner countries, grow as global professionals and achieve self-actualization.

Fellowship program (CIAT)

Through training projects for policymakers, government officials, and sector experts in developing countries, both locally and through invitation to Korea, this program shares Korea’s development experience and techniques with partner countries.

Drawing on Korea’s experience on the importance of human resources in national development, KOICA strives to build training courses based on the actual needs of partner countries.

Multilateral cooperation

Amid growing need for a common response to global issues in the international community, KOICA draws on the expertise and network of international organizations to carry out multilateral projects focused on vulnerable countries and conflict regions.

Through multifaceted support, KOICA strives to respond jointly to global crises and contribute to the achievement of the SDGs.
KOICA Introduction

Humanitarian assistance refers to alleviating the suffering of those struck by crises including natural disasters, conflict, diseases, etc. and preserve human dignity, in addition to preventing further crises and strengthening response capacities.

This includes emergency relief that responds to urgent crises, alleviating disaster risks, enhancing resilience, and supporting chronic disasters, among others.

KOICA carries out development cooperation projects together with diverse stakeholders including civil society groups, academia, social economic groups, forming a comprehensive partnership with civil society.

Through such partnerships, KOICA plans and implements projects effectively through civil society’s human resources, knowledge, technology, capacities, and financing. Through public contest, KOICA selects and supports projects based on submissions from civil society.

Projects by modality (2)

Development innovation programs

These programs seek out diverse implementation methods and partnerships with experts to enhance development effectiveness and strengthen the private sector of partner countries.

There are three types of programs:
- Creative Technology Solution (CTS)
- Inclusive Business Solution (IBS)
- Innovative Partnership Solution (IPS)

Humanitarian assistance & disaster relief

Civil society cooperation program

Global Disease Eradication Fund

This fund is raised by through 1,000 won per 1 international flight ticket. The funds are used for the prevention and eradication of the 3 major diseases (malaria, tuberculosis, and AIDS) in Asia, Africa, and Latin America.

Through partnership with diverse partners including NGOs, international organizations, and international health initiatives, the fund contributes to the health security of global citizens.
Portfolio by sector (2021, Unit: million won)

- **Public administration**: 128,186 (17.6%)
- **Agriculture, forestry & fisheries**: 91,071 (12.5%)
- **Health and medical care**: 135,360 (18.6%)
- **Technology and Energy and Environment**: 107,330 (14.7%)
- **Education**: 100,400 (13.8%)
- **Other**: 165,420 (22.7%)
Portfolio by region (2021, Unit: million won)

Total scale of support: 727,768

International organizations: 54,142 (8.0%)
Other: 119,558 (16.7%)

Asia · Pacific: 243,211 (32.5%)
Central and South America: 81,124 (11.1%)
Africa: 169,994 (23.4%)
Middle East · Central Asia: 59,739 (8.3%)
By region in 5 main sectors

Asia-Pacific

<table>
<thead>
<tr>
<th>Scale of support in 5 areas &amp; Key projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total scale of support</td>
</tr>
<tr>
<td>140,164 million won</td>
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</table>

### Education
- Project to ensure rights to basic education for girls in Pakistan (18-22/$3.72 million)
- Project to establish master plan for marine university development in Sri Lanka (17-22/$2.50 million)
- Project to strengthen sports capacity of children & youths in Timor-Leste (20-24/$6.50 million)

#### Total scale of support
- Unit: million won
- Number of projects

<table>
<thead>
<tr>
<th>Total scale of support</th>
<th>Number of projects</th>
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<tbody>
<tr>
<td>34,412</td>
<td>21</td>
</tr>
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</table>

### Public Administration
- Project to strengthen legal science capacity in Mongolia (20-23/$7 million)
- Establishing tax information system in Sri Lanka (20-24/$7 million)
- Establishing tax e-government system in the Philippines (18-22/$7.29 million)

#### Total scale of support
- Unit: million won
- Number of projects

<table>
<thead>
<tr>
<th>Total scale of support</th>
<th>Number of projects</th>
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<tbody>
<tr>
<td>26,245</td>
<td>26</td>
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</table>

### Agriculture & Fisheries
- Program to develop inclusive rural area in Vietnam (19-23/$15 million)
- Project to establish agricultural produce distribution center in Myanmar (16-23/$8.37 million)

#### Total scale of support
- Unit: million won
- Number of projects

<table>
<thead>
<tr>
<th>Total scale of support</th>
<th>Number of projects</th>
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<tbody>
<tr>
<td>19,817</td>
<td>20</td>
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</table>

### Health & Medical Treatment
- Project to prevent communicable diseases in Cambodia (20-25/$8.50 million)
- Project to strengthen capacity of maternal and child medical care system in Solomon Islands (15-21/$9 million)
- Project to strengthen local capacity for diagnosing and managing tuberculosis in Timor-Leste (19-24/$6.50 million)
- Comprehensive emergency assistance regarding COVID-19 in Asia and Pacific regions

#### Total scale of support
- Unit: million won
- Number of projects

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<thead>
<tr>
<th>Total scale of support</th>
<th>Number of projects</th>
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<tbody>
<tr>
<td>29,492</td>
<td>40</td>
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</table>

### Technology, Environment, Energy
- Project to establish integrated water resource management system in the Philippines (19-22/$5.80 million)
- Project to strengthen water waste and waste processing capacity in Laos (19-24/$6.00 million)
- Project to strengthen capacity for ocean environment management basis in Vietnam (19-22/$3.50 million)

#### Total scale of support
- Unit: million won
- Number of projects

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<th>Total scale of support</th>
<th>Number of projects</th>
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<tbody>
<tr>
<td>30,198</td>
<td>32</td>
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Mid-term Strategy for Climate Action (1)

Strategic Objectives and Programs

1. Support for the achievement of carbon neutrality by 2050
   - Support for low carbon transition

2. Support for green recovery and climate adaptation
   - Improving the climate resilience of cities, ecosystem, and infrastructure

3. Increasing green climate partnership
   - Increasing climate funding and technology partnerships

Approaches

1. Linking the goals of the United Nations Framework Convention on Climate Change (Paris Agreement) and the government's 2050 carbon neutrality strategy
2. Promoting major projects for each key sector and mainstreaming climate action across all sectors
3. Portfolio management to support the balance between low-carbon and climate resilience programs
4. Promoting projects and managing performance in a program-based integrated approach
<table>
<thead>
<tr>
<th>Strategic Objective (SO)</th>
<th>Program</th>
</tr>
</thead>
</table>
| **so 1** Support for the achievement of carbon neutrality by 2050 | **Low carbon transition**  
Goal: To contribute to the transition to a low-carbon development paradigm in developing countries to achieve the global climate agreement and the government's 2050 carbon-neutral plan.  
Component:  
- Distribution and spread of low-carbon renewable energy  
- Distribution and spread of eco-friendly green mobility  
- Promotion of resource circulation economy (waste management, etc.)  
- Creation of carbon sinks such as forests  
* Establishment and implementation of ODA plan to support the achievement of carbon neutrality by 2050 |
| **so 2** Support for green recovery and climate adaptation | **Support for green recovery (climate adaptation)**  
Goal: To support the improvement of climate resilience of cities, ecosystem, and infrastructure to promote global green recovery and increase climate adaptation  
Component:  
- Increasing urban climate resilience  
- Ecosystem recovery and mitigation of natural disasters due to climate change  
- Mainstreaming of consideration of the impact of climate change in the process of project promotion  
* Consideration of climate impact and improvement of resilience when implementing projects for urban/rural development |
| **so 3** Increasing green climate partnership | **Green climate partnership**  
Goal: To increase the effectiveness of climate ODA by linking grants and climate funds and contribute to the spread of technology-based climate action by promoting the development of innovative climate technologies.  
Component:  
- Promotion of projects linking Green Climate Fund (GCF) accredited entities and funds  
- Development and spread of innovative green climate technology (support for R&D, business ventures, and start-ups)  
- Promotion of partnership-based projects |
KOICA’s Green ODA Portfolio in AP Region

As of 2023

Number of projects: 55 (worldwide 185)

Project budget: USD 55M (worldwide USD 138M)

By theme

- Climate mitigation: 41
- Climate adaptation: 11
- Environment: 6.6

Million USD
Case Project (1) climate mitigation

_accelerating clean energy access to reduce inequality (with UNDP partnership)_

Provide clean and safe energy to more than 5,000 energy-poor households on remote islands that have no access to electricity

Reduce carbon emission by 1.3 million tons during the project life-cycle

- Solar micro systems with centralized solar panels installed in Indonesia
- Solar water pumps and solar lanterns installed in 25 villages in East Timor
- Capacity building for solar infrastructure and applies management

$18.5 million
2020 - 2024
Case Project (2) climate adaptation

- Development of flood forecasting and early warning system for the Greater Metro Manila and surrounding Provinces of Laguna Lake Complex for disaster mitigation

$12.7 million
2021 - 2026

Develop flood forecasting and early warning system to enhance resilience to natural disaster and to reduce damage.

Enhance decision-making ability towards flood and capacity to minimize risk from natural disaster.

- Development of inclusive flood management system
- Installing observing stations
- Capacity building for disaster risk reduction and management
Case Project (3) climate cross-cutting

Agriculture-friendly solar power plant project in Fiji
- By fund cooperation with the Green Climate Fund (GCF USD 5M), Fiji Development Bank USD 1M

- Installing agriculture-friendly solar plant in areas severely struck by climate change

- Contributed to food security through reductions in greenhouse gases, crop cultivation
- Install 4MW solar power plant (GCF funded)
- Build microgrid system and energy saving system (5MW ESS)
- Support education of maintaining and repair of solar power and microgrid
- Utilizing agriculture-friendly system for vulnerable groups
- Strengthening capacity in sustainable crop cultivation
Case Project (4) environment

Building the Pan-Asia partnership for geospatial air pollution information with 13 Asian countries (with NIER, UNESCAP, KECO partnership)

- $4 million
- 2020 - 2024

Sharing data on air quality (air pollutants and climate change inducing gases) from GEMS, onboard the Korean satellite GEO-KOMPSAT-2B (GK-2B) launched in 2020 with 13* Asian countries.

Enhancing environmental and climate-related capacity for decision making and information management

- Develop air polluting emission and damage control policy
- Building Pandora* Asia Network and platform
- Enhancing national and regional capacity to undertake the comprehensive analysis of data derived from GEMS and Pandora

*Pandora is a ground-based remote sensing instrument
*GEMS (Geostationary Environment Monitoring Spectrometer)
Green ODA
Way Forward
## KOICA’s Green ODA Preparation for 2024

<table>
<thead>
<tr>
<th>Country</th>
<th>Objective</th>
<th>Project Name</th>
<th>Budget (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vietnam</td>
<td>Environment</td>
<td>Project for Supporting Green Circular Economy through Agricultural Value Chain Improvement</td>
<td>20M</td>
</tr>
<tr>
<td>Vietnam</td>
<td>Mitigation</td>
<td>Enhancing Net-Zero Readiness of Vietnam Through Mobilizing Green Growth Investments</td>
<td>4.4M</td>
</tr>
<tr>
<td>Vietnam</td>
<td>Adaptation</td>
<td>Project for Forest/Wetland Ecosystem Management and Livelihood Improvement to Climate Change Adaptation in the Mekong Delta Region, Vietnam</td>
<td>12M</td>
</tr>
<tr>
<td>Indonesia</td>
<td>Adaptation</td>
<td>Project of Sustainable Mangrove Rehabilitation Model for Enforcing Community resilience in Indonesia</td>
<td>8.5M</td>
</tr>
<tr>
<td>The Philippines</td>
<td>Adaptation</td>
<td>Environment and Natural Resources Information System (ENRIS) for Palawan towards Food Security and Response to Climate Change</td>
<td>10M</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>Environment</td>
<td>Developing Sustainable Integrated Solid Waste Management (ISWM) and Circular Economy in the Uva and Northern Provinces in Sri Lanka</td>
<td>11M</td>
</tr>
<tr>
<td>Pakistan</td>
<td>Adaptation</td>
<td>Establishment of Flood Disaster Prevention Master Plan in DB Khan Division &amp; Construction of Stormwater Storage System in Multan City for Climate Change Adaptation in Punjab Province, Pakistan</td>
<td>10M</td>
</tr>
<tr>
<td>Tajikistan</td>
<td>Adaptation</td>
<td>Engaging Youth Smallholder Farmers through Agri-Tech for Improved Food Security and Value Chains</td>
<td>10M</td>
</tr>
</tbody>
</table>
Green ODA way forward

**Climate objectives results management**
- Reduced or avoided CO2
- Beneficiaries from enhanced resilience
- Accelerated climate technology
- Enhanced climate readiness

**Expanding climate portfolio**
- New business model development (public and private partnership)
- Balance between mitigation and adaptation support

**Multilateral cooperation**
- KOICA-GCF co-funding program
- Project pipeline development with Indonesia, Lao PDR, Kyrgyzstan (by cooperation with GGGI, UNDP)

Way Forward
KOICA will continue in its efforts for inclusive and mutually prosperous development cooperation that contributes to coprospereity and global peace, and leaves no one behind.