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2021 KOFIH
ANNUAL REPORT



KOFIH
Korea Foundation for International Healthcare

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President's Message

The Korea Foundation for International Healthcare (KOFIH) has been conducting healthcare projects for developing countries, North Korea, overseas Koreans, and migrant workers for 16 years as a global healthcare partner, thereby contributing to strengthening the healthcare system as a means to alleviate health inequality. In particular, throughout the COVID-19 pandemic crisis in 2021, KOFIH coped with the global health crisis more systematically and flexibly than ever.

In this regard, I would like to emphasize our pandemic response system in particular. To prevent the collapse of public healthcare in lower-income countries and strengthen their resilience, we incorporated COVID-19 response elements into existing projects to be operated in an integrated way. We supported the training of medical personnel and the supply of materials such as diagnostic kits in 10 ASEAN countries, Romania, and other project areas, subsequently assisting the utilization of intensive care units in medical facilities and providing education for the prevention of communicable diseases. In addition, reflecting new demand, we opened and operated a new training course for communicable diseases (policy/epidemiology and clinical treatment/diagnostic testing) in the Dr LEE Jong-wook Fellowship Program. KOFIH also improved the quality of medical services for vulnerable groups in healthcare. In the Arirang Nursing Home for Koreans in Uzbekistan, the test operation of remote cooperative treatment was conducted by Korean medical staff, which increased the satisfaction of the institutionalized elderly. Basic medical treatments were carried out for overseas Koreans in Germany, Russia, and Vietnam, and the provision of customized health information and services was expanded in response to COVID-19. In addition, the public and private sectors cooperated to provide group vaccinations and "visiting vaccinations" for migrant workers and provided medicine and interpreter staff. It is also a major achievement that KOFIH, in cooperation with the government, translated and distributed epidemiological investigations related to COVID-19 and a pre-vaccination screening checklist into multiple languages.

KOFIH will continue to focus on strengthening the healthcare system and serve as an institution that proposes policies based on scientific grounds. We would like to prepare for the upcoming post-pandemic "regime" in international health and actively cooperate with various institutions.

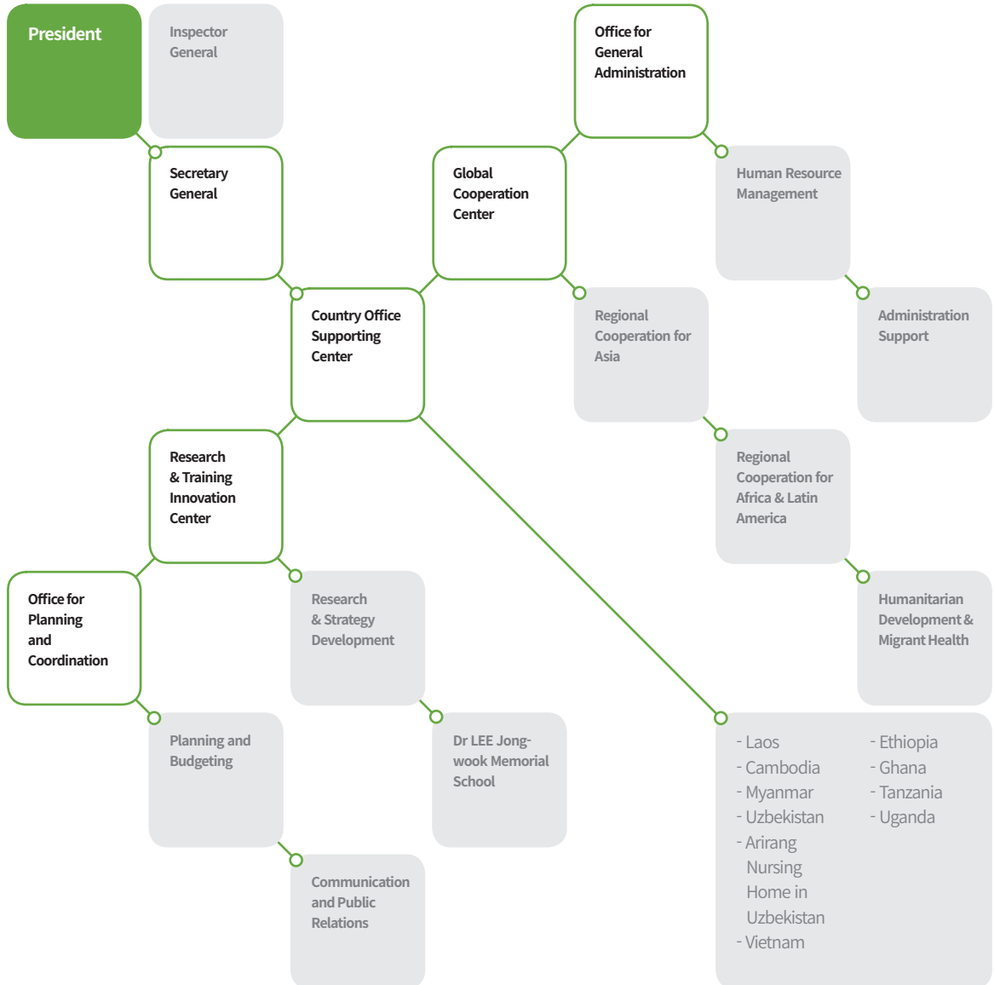
I humbly ask for your interest and support toward KOFIH.

President of the Korea Foundation for International Healthcare
Kim Chang-yup

Milestones

March 2004	Founded the Korea Foundation of International Healthcare Development (under the Ministry of Health and Welfare)
December 2005	Formulated the Korea Foundation for International Healthcare Act
June 2006	Inaugurated Park Jong-hwa as the first president Established the Center for Medical Devices (Yangju, Gyeonggi-do)
August 2006	Established the Korea Foundation for International Healthcare
December 2006	Changed the Foundation's English name (into Korea Foundation for International Healthcare-Dr LEE Jong-wook Memorial Fund)
September 2007	Commenced the Dr LEE Jong-wook Fellowship Program
January 2009	Designated as a public institution under the Ministry of Health and Welfare
May 2009	Established the Dr LEE Jong-wook Memorial Prize for Public Health by World Health Organization
June 2009	Inaugurated Han Kwang-su as the second president
March 2010	Opened the Arirang Nursing Home in Uzbekistan
May 2010	Changed the Foundation's English CI from K-FIH into KOFIH Dispatched healthcare personnel to Kaesong Industrial Complex
June 2010	Opened KOFIH Country Office in Laos
May 2012	Opened KOFIH Country Office in Cambodia
June 2012	Inaugurated Lee Soo-ku as the third president
April 2014	Opened KOFIH Country Offices in Myanmar, the Philippines and Ethiopia
July 2014	Opened KOFIH Country Office in Uzbekistan
May 2015	Completed the Archive for Dr. Lee Jong-wook
June 2015	Inaugurated John Alderman Linton (YohAn Ihn) as the fourth president Opened KOFIH Country Office in Ghana
August 2016	Changed the president's title in Korean
March 2017	Opened KOFIH Country Office in Tanzania
December 2017	Opened KOFIH Country Office in Uganda
September 2018	Inaugurated Choo Moo-jin as the fifth president
March 2021	Opened KOFIH Country Office in Vietnam
November 2021	Inaugurated Kim Chang-yup as the sixth president

Organization



Value Structure and Management Strategies

Mission

Promoting international cooperation and practicing humanitarianism by providing healthcare assistance to developing countries, North Korea, overseas Koreans, and migrant workers

Vision

Institution specializing in development assistance to improve global healthcare

Core values

Growing into an institution specializing in development assistance through reliability, innovation, solidarity, and expertise (RISE)

Reliability

Becoming a trusted institution through the realization of social values such as safety of the general public and workers

Innovation

Active changes leading the trends of the times

Solidarity

Sustainable co-prosperity and solidarity through communication and cooperation

Expertise

Professional capabilities to lead the change and growth in international development cooperation

Management objectives

Securing competitiveness for sustainable development

Generating tangible outcomes in social values

Strategic objectives and challenges

Preemptive response to global health issues and establishment of the foundation for future growth	Support for sustainable healthcare system	Realization of innovative management for public satisfaction	Creation of social value outcomes to be shared with the public
Strengthening the capability to respond to health crises and establishing the foundation for strategic project expansions	Strengthening the healthcare system and providing rapid field-based response	Strengthening organizational capacity for sustainable growth	Establishing ethical human rights-based management
Establishing new networks and exploring collaborative projects	Creating a unified health community for the Korean Peninsula and the Korean people and strengthening the public health safety net	Promoting public participation and communication	Improving equal opportunities and social integration
	Fostering and reinforcing human resources in healthcare	Contributing to shared growth based on co-prosperity and cooperation	Strengthening the integrated safety management system

Official Development Assistance for Partner Countries (ODA)



Primary Healthcare System Strengthening Project

By expanding public healthcare facilities, enhancing the capabilities of healthcare personnel, improving its governance and project management capacity, and distributing information on maternal, newborn, and child health, KOFIH strengthens regional healthcare services to protect mothers from the risks caused by pregnancy and childbirth and improve children's health.

Health System Strengthening Project Focused on Emergency Medical Services

By building emergency healthcare governance, enhancing the emergency capacity of healthcare personnel, and supporting improvements in emergency healthcare environments and services, KOFIH strengthens regional referral systems and improves the public's access to emergency services and regional healthcare service environments.

Operational and Management Consulting for Health Facilities

This project provides operational management consulting to medical facilities, such as hospitals built through the Economic Development Cooperation Fund (EDCF) of the Ministry of Strategy and Finance, South Korea. It aims to help hospitals operate independently in the medium-to-long-term by enhancing the capacity of healthcare personnel, establishing an administrative management system, and providing supplies and equipment.

Establishing the Medical Equipment Management System

To enable healthcare facilities to efficiently operate and manage medical equipment, KOFIH supports capability-building among medical engineers by providing training, improving the medical equipment maintenance environment, and establishing the relevant system, thereby strengthening the medical equipment management system and contributing to improving the quality of healthcare services.

Dr LEE Jong-wook Fellowship Program

The Dr LEE Jong-wook Fellowship Program is a global invitational training program for healthcare personnel to provide customized education, pre-training, and follow-up management according to their individual needs, based on medium-to-long-term training strategies tailored to each country.

Strengthening the Capacity of Communicable Disease Control System

KOFIH is strengthening its communicable disease control system and establishing a platform to prevent the spread of communicable diseases by enhancing the capability of diagnostic testing for communicable diseases, supporting diagnostic equipment and supplies, improving the treatment service environment, and providing expert consulting.

Improving Control of Non-communicable Diseases (NCDs)

KOFIH strives to improve chronic disease control capabilities to enable treatment and referrals through early detection of non-communicable diseases (high blood pressure, diabetes, cervical cancer, etc.) in its partner countries. KOFIH also contributes to the achievement of universal health coverage (UHC) by establishing a non-communicable disease control system in its partner countries.

Health Insurance Policy Consulting Project

As part of achieving universal health coverage (UHC), KOFIH provides consulting services for the health insurance system such as technical advice and training, while also dispatching local experts and holding workshops for sharing experience to improve policies for health insurance, thereby enabling stable health insurance services.

Project Research and Evaluation

KOFIH systematically analyzes and evaluates the performance of its healthcare projects and operates a performance-focused project management system based on feedback. KOFIH conducts preliminary, intermediate, final, and follow-up evaluations according to the progress of each project, the results of which are used to further enhance its projects and policies.

Humanitarian Healthcare Projects





Healthcare Support Program for North Korea

To ensure a more sustainable inter-Korean cooperation, KOFIH is promoting inter-Korean healthcare cooperation projects in partnership with the government, the private sector, and international organizations. KOFIH aims to strengthen the capability of relevant institutions and establish a cooperative system by hosting training sessions and forums on North Korean healthcare.

Healthcare Support Program for Overseas Koreans

To provide healthcare services to overseas Koreans around the world, improve their quality of life, and forge a sense of national solidarity, KOFIH operates the Arirang Nursing Home in Uzbekistan for first-generation Korean migrants, provides support for medical treatment invitations to Korea and visiting health services for first-generation Koreans who were forced to move to Sakhalin, Russia in the Japanese colonial era. KOFIH also provides visiting nursing services to Korean miners and nurses dispatched to Germany in the 1960s and 1970s.

Healthcare Support Program for Migrant Workers in Korea

To secure the health rights of migrant workers living in Korea, KOFIH establishes a future-oriented healthcare policy base, upgrades demand- and performance-based healthcare services, strengthens the health safety net through social cooperation between public and private sectors, creates health and social services for Korean citizens and foreign residents, and responds preemptively to environmental changes such as the post-COVID-19 era to guarantee migrant workers' right to access healthcare.

Healthcare Support Program for Overseas Emergency Relief

KOFIH takes charge of the establishment and management of an expert pool to form a medical team for the Korea Disaster Relief Team (KDRT) that can be dispatched in the event of an overseas disaster, and develops and operates training courses for overseas emergency relief personnel according to the guidelines of the World Health Organization Emergency Medical Teams (WHO EMT) to foster disaster experts, such as doctors, pharmacists, nurses, and medical administrators, who can be deployed in an emergency.

Healthcare Resources Support Program

KOFIH provides medical devices and equipment, medicines, and medical supplies free of charge to North Korea, partner countries, and free clinics for migrant workers, and supports free medical equipment rental services to medical volunteer organizations.
With an aim to increase the operating rate of medical equipment provided to partner countries and improve the quality of their healthcare services, KOFIH contributes to enhancing the operational management capabilities of partner countries through efforts such as supporting medical equipment maintenance, offering on-the-job training for medical equipment technicians, and improving the environment for the operational management of medical equipment.

Public-Private Partnership Projects (CCK-supported project, etc.)

Supported by funding from the Community Chest of Korea since 2012, KOFIH has established partnerships with a range of institutions at home and abroad and conducted various healthcare cooperation projects to strengthen the healthcare system and resolve health inequality in partner countries by utilizing human and material resources in each healthcare sector.

Dr LEE Jong-wook Commemorative Projects

These projects are designed to commemorate the achievements and uphold the legacy of the late Dr. Lee Jong-wook, the sixth Director-General of the World Health Organization, who devoted his life to improving global healthcare. The WHO's Dr LEE Jong-wook Memorial Prize for Public Health is awarded to individuals or institutions who have made an outstanding contribution to public health. Meanwhile, the Global Young Frontier Program is aimed at fostering international leaders in the healthcare sector.

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2021 KOFIH Operation Overview

PART 1

KOFIH dedicates its utmost efforts to growing into an institution specializing in development assistance through reliability, innovation, solidarity, and expertise.

Highlights of 2021
KOFIH Overview for 2021

Highlights of 2021



1 Expansion of international cooperation support to respond to communicable diseases following COVID-19

- Providing assistance to 10 ASEAN countries (USD 5 million), Romania (KRW13.1 billion), and KOFIH project areas (KRW 4.2 billion)
  - ※ Support for diagnostic equipment, diagnostic kits, personal protective clothing, medical personnel training, etc
- Newly opening a communicable disease training course (policy/epidemiology, clinical treatment/diagnostic testing) under the Dr LEE Jong-wook Fellowship Program

2 Well-organized project management by conducting field-oriented projects and expanding health cooperation channels

- Incorporating COVID-19 response elements into existing projects and thus preventing the collapse of public healthcare in developing countries and enhancing their resilience
  - ※ Support for the use of intensive care units in medical facilities, education for communicable disease prevention, and provision of additional equipment for the diagnosis and treatment of COVID-19
- Expanding the exploration of new projects by enhancing the health network and cooperation channels
  - ※ Newly implementing four inter-ministerial convergence projects for 2021 and newly identifying three inter-ministerial convergence projects for 2022

3 Improvement of the quality of COVID-19 response in medical services for overseas Koreans

- Improvement of local medical service quality by sharing Korea's expertise in healthcare
  - ※ Uzbekistan, Germany, Russia (Sakhalin), Vietnam: Health information provided, non-face-to-face monitoring meetings held (twice a year in the first half and second half, respectively)
  - ※ Uzbekistan : Remote collaborative consultation at the Arirang Nursing Home (pilot operation from October to December)



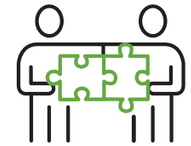
4 Public-private cooperation support for COVID-19 vaccinations for migrant workers

- Support for visiting vaccination buses (279 persons from Yangsan City Health Center)
- Support for medical supplies and interpreters for group vaccinations (4,037 persons at Pocheon City Health Center, etc.)



5 Expansion of cooperation among related institutions utilizing expertise in healthcare development cooperation

- Public, private, and academic cooperation to establish strategies for exchange and cooperation such as support measures for COVID-19 vaccination
  - ※ International symposium on supporting the logistics system for COVID-19 preventive supplies in North Korea (Co-hosted by the National Assembly and National Health Insurance Service as one-time event)



6 Execution of self-assessment on KOFIH's human rights impact based on the guidelines for human rights management in public institutions

- Overall evaluation: 92.5 points (first grade)



7 Spreading awareness and the culture of integrity

- Self-measurement of integrated integrity: 8.86 points



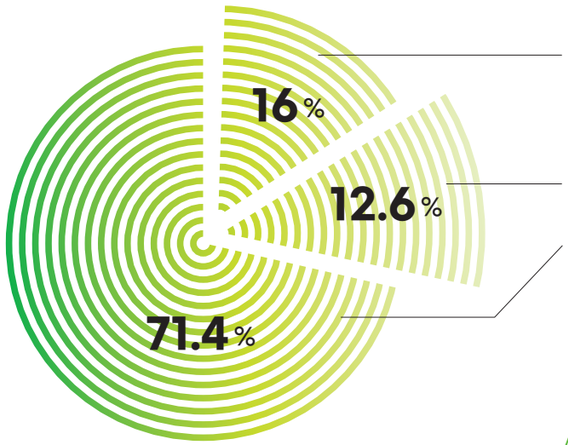
8 Relocation of its office building (Health and Welfare Administration Town), and establishment and implementation of the basic safety management plan for 2021



KOFIH Overview of 2021

(Unit : KRW 1 million)

Outcomes by project category



11,211 Others*
(Operating expenses of CCK-supported projects, expenses to cover the management of the foundation, etc.)

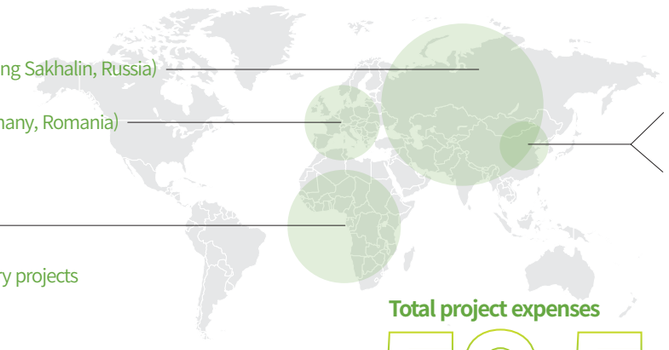
8,769 Expenses of non-ODA projects

49,800 Expenses of ODA projects

Total project expenses

69,780

Outcomes by project region



23,653 Asia (including Sakhalin, Russia)

4,159 Europe (Germany, Romania)

10,814 Africa

18,538 Multi-country projects

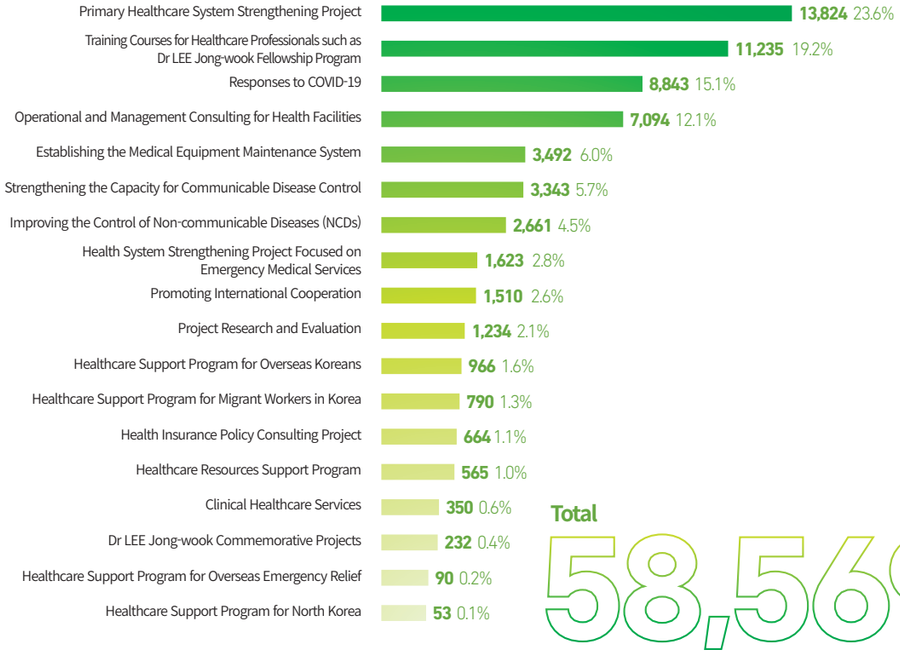
53 North Korea

1,352 South Korea

Total project expenses

58,569

Budget by project category



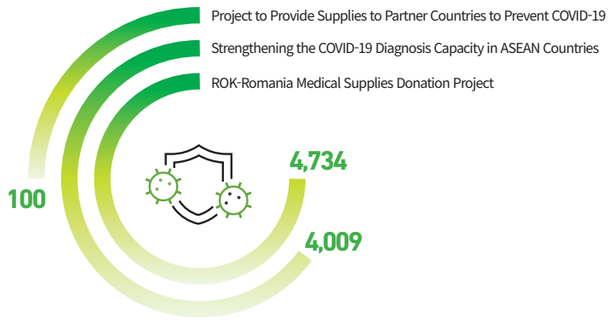
Total

58,569

COVID-19 response outcomes

Total amount of support

8,843



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Official Development Assistance for Partner Countries (ODA)

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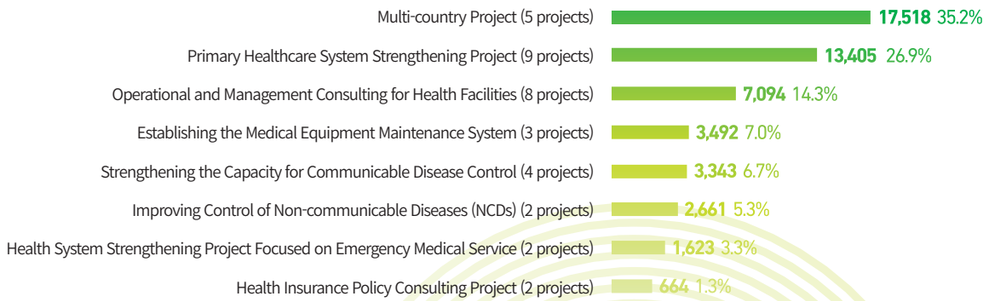
KOFIH strives to establish a sustainable healthcare system and build a healthy future alongside its partner countries through field-focused support.

Scale of Official Development Assistance for Partner Countries
Primary Healthcare System Strengthening Project
Health System Strengthening Project Focused on Emergency Medical Services
Operational and Management Consulting for Health Facilities
Establishing the Medical Equipment Maintenance System
Dr LEE Jong-wook Fellowship Program
Strengthening the Capacity of Communicable Disease Control System
Improving Control of Non-communicable Diseases (NCDs)
Health Insurance Policy Consulting Project
Project Development and Evaluation
International Cooperation Projects

Scale of Official Development Assistance for Partner Countries

(Unit: KRW 1 million)

Budget by project category



Budget by region

Asia 8 countries, 18 projects **22,068**

Africa 5 countries, 12 projects **10,214**

Multi countries 5 projects **17,518**

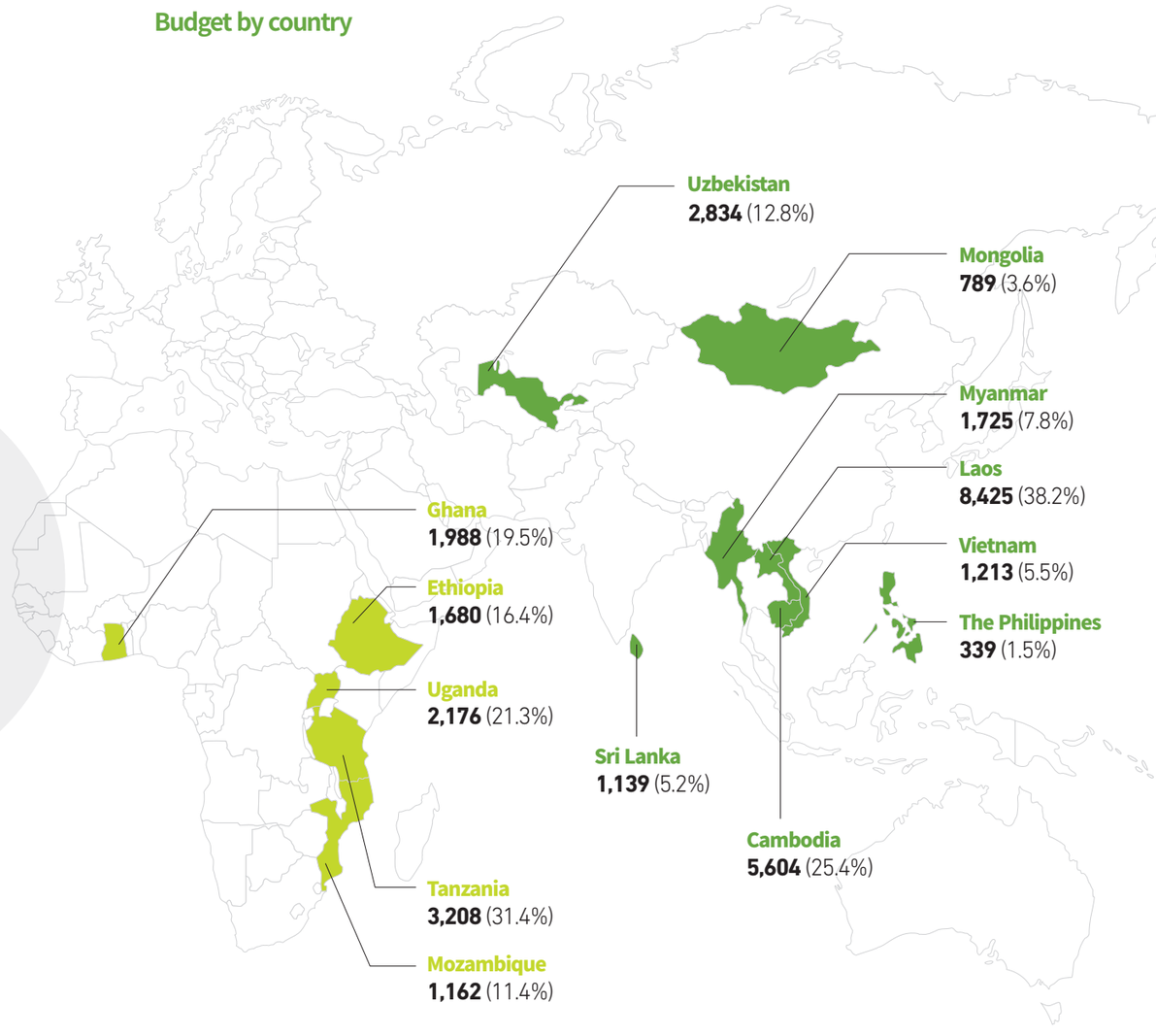
Dr LEE Jong-wook Fellowship Program **10,124** 57.8%

New Project Development & Research and Feasibility Study **1,150** 6.6%

Capacity Building Project of COVID-19 Diagnosis in ASEAN Countries **4,734** 27.0%

Promoting International Cooperation, etc. **1,510** 8.6%

Budget by country



Primary Healthcare System Strengthening Project

Establishing the Framework of International Healthcare System

❶ Health System Strengthening Project Focused on Reproductive, Maternal, Newborn and Child Health (RMNCH) in North-Eastern Provinces, Lao PDR

Since 2016, in order to provide better quality healthcare services, KOFIH has conducted a project to strengthen the healthcare system focused on maternal and child health in Xieng Khouang and Houaphanh in northeastern Laos. KOFIH conducted leadership training courses for 203 officials from the Laotian Ministry of Health to enhance management capabilities within the healthcare system in Laos and jointly monitored the projects with the Laotian Ministry of Health to strengthen its governance capabilities. KOFIH carried out further activities to improve the quality of medical services through health center renovations and medical equipment support (31 types and 295 pieces of equipment for Xieng Khouang, and 17 types and 501 pieces of equipment for Houaphanh). To strengthen the capabilities of health personnel, KOFIH also provided early essential newborn care education and integrated care education for pediatric diseases for a total of 339 persons and, in collaboration with the UN Population Fund for Population Activities (UNFPA), carried out education trainings for 385 midwives a total of five times. To improve residents' awareness and access to healthcare, KOFIH provided integrated outreach services twice and held town events for health promotion more than ten times each for seven counties in Xieng Khouang and ten counties in Houaphanh. In addition, to cope with the spread of COVID-19 in the community, KOFIH participated in vaccination campaign activities for 32 days and provided a warehouse to house 30 transportation vehicles and goods used in such activities. The number of uses of maternal and child health services in two provinces in northeastern Laos (Xieng Khouang and Houaphanh) increased by 61.4 percent in 2021 compared to that of 2015 as the base year, which exceeds the 2021 target of 49.5 percent by 11.9 percent.



Opening the Maternal and Child Health Center in Phongsaly, Laos

Health System Strengthening Project in Laos

Leadership training for Ministry of Health officials
203 persons

Neonatal and pediatric diseases education for health personnel
339 persons

Education and training for midwives
385 persons

❷ Integrated Package of Reproductive, Maternal, Newborn and Child Health in the Western Region, Cambodia

Based on the First Integrated Package of RMNCH Project in Battambang Province, which had been conducted for five years since 2011, KOFIH has been promoting the second project since 2017 and expanded it from Battambang Province to the two western provinces of Pursat and Pailin. Amid the spread of COVID-19 in the local community, KOFIH provided a stable supply of essential services for maternal and child health, such as emergency maternity and newborn care training, midwives network meetings, and support for vaccination training. KOFIH also strengthened the COVID-19 response system for the Thai border areas as part of its project areas and supported efforts to raise community awareness. In addition, KOFIH strengthened the capability of communicable disease monitoring personnel and supported the provision of equipment such as essential devices for diagnostic laboratories, thereby enabling the construction of infrastructure for and operational management of the emergency operation center in the provincial health department and preparing a comprehensive response system for communicable diseases. In addition, KOFIH conducted community training for integrated child disease care and community maternity and newborn care training to improve community awareness and deliver health information. Integrated outreach activities for high-risk and remote areas were also continuously supported. In order to improve maternal and child health services, Battambang Provincial Hospital newly established a maternity ward and renovated its pediatric ward. Provincial hospitals operated neonatal care teams and intensive neonatal care units with the aim of reducing neonatal deaths. As a result, the mortality rate of newborns in the neonatal intensive care unit decreased by 6.2 percent, and the breastfeeding rate within an hour of childbirth increased by 25.9 percent compared to that of 2016.



Opening a maternity ward at Pursat Provincial Hospital, Cambodia

Outcomes of Integrated Package of Reproductive, Maternal, Newborn and Child Health in Cambodia

Mortality rate in intensive care units
6.2 % ↓

Breastfeeding rate within an hour of childbirth
25.9 % ↑

*Compared to those of 2016

❸ Primary Healthcare System Strengthening Project in Northern District of Yangon Region, Myanmar

Since 2020, KOFIH has sought to strengthen the primary healthcare system in three townships (Hmawbi, Taik Kyi, Htantabin) in northern Yangon Province. Despite the spread of COVID-19 in 2020 and the unstable situation in the partner country due to the outbreak of a coup in Myanmar in February 2021, KOFIH has continued to carry out its humanitarian projects whose activities are directly linked to the lives of local residents. To support their responses to the communicable disease crisis, KOFIH provided 4,000 hand sanitizers for health facilities, and 3,000 sets of maternal kits for mothers giving birth in medical facilities, with the aim to improve health services and promote community health. KOFIH will continue to promote project activities to prevent the collapse of the primary healthcare system and improve the health of the residents in the project areas.

❹ Health Promotion in the Urban Poor Area in Metro Manila of the Philippines

Since 2019, KOFIH has been supporting health awareness improvement program for residents of impoverished urban areas in two Metro Manila cities (Parañaque and Valenzuela). Technical support was mainly provided to prevent the spread of COVID-19 infections in the local community. KOFIH provided technical advice on COVID-19-related protocols and community hygiene standards. Furthermore, in cooperation with medical personnel including the WHO and local officials, KOFIH identified high-risk groups and vulnerable groups and provided personal protective equipment to 850 households and health workers. In addition, for 450 households, efforts were made to improve their awareness of health behavior, including education on the use of yellow trash bins when disposing of infection control supplies, such as face masks. In Valenzuela, KOFIH contributed to strengthening community governance by enhancing the capacity to respond to communicable diseases through the improvement of health behaviors and awareness for the prevention of COVID-19 infections.



Providing education on the use of yellow trash bins when disposing of infection control supplies in the Philippines

❺ Primary Health System Strengthening Project Focused on Reproductive Maternal and Newborn Health in Jimma Zone, Ethiopia

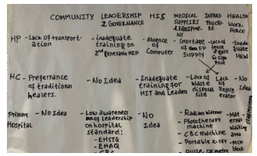
From 2014 to 2020, KOFIH supported solar panels (14 places), water supply installation (11 places), and maternal waiting room renovation (8 places) for health centers in urgent need of environment improvement out of a total of 25 health centers located in four woredas (Dedo, Mancho, Omo Nada, Omo Beyam) in Jimma Zone of Oromia Region. This phase-two project expanded the project with a focus on maternal and neonatal health. Through formative research, KOFIH conducted a complete investigation of two primary hospitals and 25 health centers in the project area and a survey of 360 residents (126 men and 234 women) to carry out a baseline survey for each indicator. A total of three stakeholder workshops formulated the first draft of a mother and child health project plan including project purpose, activities, and delivery system (phase one), set the priority of implementation for each project element (phase two), and lastly listened to project-related advice from the Federal Health Department and the Oromia Health Bureau (phase three). Through the workshops attended by major stakeholders, a more detailed five-year project plan was organized with a bottom-up approach rather than a top-down approach, led by the Jimma Zone Health Office, the main project implementing agency.

❻ Health System Strengthening Project focused on Reproductive, Maternal, Newborn and Child Health (RMNCH) in Pwani Province, Tanzania

Since 2016, KOFIH has conducted activities to renovate health facilities, support essential medical equipment, strengthen the capacity of medical personnel in maternal and child health, and raise community awareness in six areas (Kibaha DC, Kibaha TC, Rufiji DC, Kisarawe DC, Kibiti DC, Mafia DC) in Pwani Region. By jointly conducting the project planning, closing workshop, and monitoring activities with a focus on the local project operating committee, KOFIH enabled the partner country to lead the project delivery and strengthened governance in healthcare by holding clinical meetings for the causality analysis of mother-to-child deaths and regular meetings of the local project steering committee to monitor local activities and identify improvement measures. Efforts were also made to strengthen the capability of healthcare personnel, including emergency obstetrics education (193 persons), anesthesia education (3 persons), and ultrasound diagnostic device education (1 person). In addition, KOFIH improved the environment of healthcare facilities and enhanced the quality of services through the construction and renovation of maternal and child health facilities (maternity wards, maternal and child health clinics, operating rooms, etc.).
The growth rate of the use of maternal and child health services exceeded the target (5 percent) by 8.63 percent and the academic achievement of healthcare personnel in emergency obstetrics services also surpassed the target (5 percent) by 14.82 percent. In the end, this field-oriented project was successfully carried out led by the partner country.



Regular monitoring of the project in Pwani Region, Tanzania



Group sessions at the workshop for directors of Ethiopian health centers

Activities to strengthen the capability of healthcare personnel in Pwani Region, Tanzania

Emergency obstetrics education
193 persons

Anesthesia education
3 persons

Ultrasound diagnostic device education
1 persons

Academic achievement in the obstetric emergency services

14.82 %
Overachieved
*Compared to the target (5%)

❼ Capacity Strengthening Project on Essential Emergency Obstetric and Newborn Care (EmONC) in Dodoma Province, Tanzania

Based on the support for the Tanzanian government's implementation of Health Sector Strategic Development Plan V, this project aims to improve essential emergency obstetrics and neonatal health services, which are urgent health issues in Dodoma Region, Tanzania.
The main activities are to provide the medical equipment necessary for essential emergency obstetrics, renovate health facilities, and improve the quality of maternal and child health services from the local level by strengthening the capability of health personnel in the field. To this end, KOFIH completed the formative research in cooperation with Hanyang University in Korea and Dodoma University in Tanzania. Staring in 2022, KOFIH plans to contribute to reducing the maternal mortality and neonatal mortality rates and increasing access to essential emergency obstetrics and neonatal medical services by training nurses in neonatal intensive care units, providing essential medical equipment and renovating health facilities.

❽ Phase-two Project for the Maternal, Newborn and Child Health Promotion in Volta and Oti Regions, Ghana

Since 2019, KOFIH has implemented the maternal, newborn and child health promotion project for 450,0000 residents of Volta Region (Hohoe, Afadzato South) and Oti Region (Krachi West, Krachi Nchumuru, Kadjebi) in Ghana.
Through six joint monitoring sessions with the Ministry of Health of Ghana and the Ghana Health Service (GHS), the government leadership over the project has been enhanced and the foundation for the healthcare services was secured by supporting the construction and renovation of two referral hospitals, 25 health centers and six health units, and two midwifery training schools. In addition, targeting 428 healthcare professionals, KOFIH provided capacity-building training sessions, including emergency treatment training for childbirth and newborns, ultrasound training, and training for preventing infectious diseases such as COVID-19. For the healthcare facilities in the project area, KOFIH also supported medical equipment and vehicles for emergency obstetric care, and proactively conducted antenatal care outreach and home visits for residents living in remote and island villages who are unable to visit a hospital or public health center in person. Through the project, Krachi West Hospital was promoted to a regional referral hospital, and the frequency of use for maternal and child healthcare services increased by 16.41 percent compared to that of 2018, exceeding the target of 6 percent by 10 percent.

❾ Capacity-building for Community Health Workers (CHW)* in Central Region of Uganda

Since 2021, KOFIH has aimed at improving access to healthcare services and health equity for residents of the central regions of Uganda (Masaka, Bukomansimbi, Mpigi) by promoting capacity-building for community health workers (CHW).
A five-year memorandum of understanding (MoU) was concluded between KOFIH and the Ministry of Health of Uganda, and a baseline survey and formative research on the project area were conducted to 302 members of village health teams (VHT) and 186 residents. A workshop for the project planning was also held with the participation of KOFIH, the Ministry of Health of Uganda, and Seoul National University. Furthermore, KOFIH plans to support the establishment of the community healthcare data and the performance management system for the Ministry of Health of Uganda, carry out the capacity-building training for CHWs, and perform outreach programs and public awareness campaigns for communities.



Providing medical equipment to Kongwa DC Hospital, Dodoma Region, Tanzania



Opening a skill center of the midwifery training school in Krachi West, Ghana

Number of medical facilities constructed or renovated

2 referral hospitals
25 health centers
6 health posts
2 midwifery training schools

*Krachi West Hospital was promoted to a regional referral hospital.



Interview with CHWs and local residents in the central region of Uganda

Health System Strengthening Project Focused on Emergency Medical Services

Establishing a Structured System for Emergencies

❶ Strengthening the Capacity of Emergency Medical Services in Uzbekistan

In 2018, the Uzbek government announced a presidential resolution for the improvement of its emergency medical system, and promoted the capacity-building project for emergency medical services. In this regard, KOFIH and Republican Scientific Center for Emergency Medical Care (RSCEMC) in the Republic of Uzbekistan signed an MoU, and KOFIH has supported capacity-building among emergency medical professionals in the pre-hospital stage and the establishment of an emergency medical system over a period of five years (2019 to 2023).

In order to lay the foundation for the emergency medical system, KOFIH conducted nine specialized consulting service sessions to provide advice on the improvement and operation of emergency medical service facilities. It also opened a regular emergency medical training course, developed simulation-based training materials, and revised and distributed the standardized emergency medicine manual for paramedics. KOFIH founded an ambulance center in both Tashkent and Samarkand, and developed the basic and advanced curriculum for emergency medical training. Through these efforts, 183 emergency medical professionals including doctors and emergency medical technicians have completed the technical training course, and the performance rate for first-aid skills increased to 37.5 percent on average, increasing by 7.5 percent compared to that of the last year and exceeding the target of 35 percent by 2.5 percent. In consideration of the local training needs, KOFIH plans to expand the operation of the mobile training program.

Outcome of training for emergency medical professionals in Uzbekistan



Number of trainees who completed the technical training

183 persons

First-aid skill performance rate

37.5 %

(Increased by 7.5% compared to that of 2020)



Conducting a training for emergency medical professionals in Uzbekistan

❷ Health System Strengthening Project Focused on Emergency Medical Services in Uganda

Since 2017, targeting the 1.8 million residents of Masaka and Bukomansimbi, KOFIH has implemented various projects including the establishment of emergency care governance, the improvement of the emergency response capacity of healthcare professionals, and the betterment of emergency medical environment and services.

As part of the response to the COVID-19 pandemic, KOFIH provided personal protective equipment (PPE) and medical equipment, and conducted a pre-hospital care training course for 39 community health workers and paramedics. It also offered basic emergency care (BEC) training and community first-aid responder (CFAR) training for 120 and 27 health workers in Masaka Region, respectively. In order to establish the foundation of emergency medical facilities, a practice center was constructed at Masaka Referral Hospital, and a surgical ward and an operating room were constructed at Butenga Health Center IV. In order to enhance the management of emergency medical services (EMS) and establish a governance system thereof, it performed healthcare service management and supervision for 12 health facilities, as well as monitoring on 13 health facilities for emergency medical teams. In particular, KOFIH also participated in the establishment of the National Emergency Medical Services (EMS) Policy to enhance the EMS hospital referral system.

Through these efforts, the increase in the number of facilities stationed with skilled emergency medical personnel exceeded the target of 3 percent by 7 percent, and the number of attendees of the emergency medical training in the project area also grew by 63.18 percent from 182 persons in 2020 to 297 in 2021. In addition, the five emergency medicine training courses have been expanded to nine courses.

Health system improvement project in Masaka Region, Uganda



Basic emergency care (BEC) training for healthcare personnel

120 attendees



CFAR training

27 attendees



Establishment of medical facilities

A practice center at Masaka Referral Hospital, a surgical ward and an operating room at Butenga Health Center IV



Conducting the basic emergency care training for healthcare personnel in Uganda

Operational and Management Consulting for Health Facilities

Ensuring the Systematic Operation of Hospitals

❶ Hospital Operation and Management Consulting Project for the University of Health Science Hospital in Lao PDR

In order to ensure the successful operation of the University of Health Science Hospital of Lao PDR, which has been built with a loan from the Economic Development Cooperation Fund (EDCF) through the Ministry of Economy and Finance of Korea since 2019, KOFIH has been making efforts to enhance the university hospital's operational capacity by providing hospital operation consulting, programs for cultivating healthcare and administrative personnel, and capacity-building training. Following the completion of the baseline survey through the formative research for the project, the operational consulting for the hospital steering committee was provided in the form of an online workshop (four times), a joint seminar (once), and continuous online advisory services. KOFIH supported to host 11 internal regular meetings so as to strengthen the capacity of the hospital steering committee, and two capacity-building workshops on loan- and grant-aid-linked programs. It also supported the reorganization and creation of four degree courses to build the capacity of the University of Health Science Hospital as a teaching hospital. Specifically, KOFIH reorganized the undergraduate courses of medical science and pharmaceutical science, and the family medicine specialist (Specialist I) course, and created a degree course of pediatric emergency medicine specialist (Specialist II). To cultivate talented individuals through high-quality medical education, KOFIH provided the teaching faculty of the University of Health Science with pedagogical training for medical education and a workshop for improving communication skills between patients and doctors. Furthermore, a medical textbook (830 copies) written in Lao language and a video conference device (9 sets) for training were provided to ensure the seamless provision of education amid the COVID-19 pandemic.
The results of the satisfaction survey of the hospital steering committee showed a high level of satisfaction toward the consulting (82 points), exceeding the target of 80 points.



Joint seminar for the operational and management consulting for the University of Health Science Hospital

Support for the reorganization and creation of four degree courses at the University of Health Science Hospital, a teaching hospital


Medical equipment training for users in Vietnam

❷ Operation and Management Consulting for Health Facilities and Medical Equipment in Vietnam

In order to ensure the successful operation of hospitals located in three regions of Vietnam (Lao Cai Province, Yen Bai Province, Da Nang City), based on support from an EDCF loan of the Ministry of Economy and Finance of Korea, KOFIH has provided consulting and established the operation and management system for medical equipment since 2019. KOFIH conducted phase-one consulting to improve the operation and management system for medical equipment and to enhance the capacity of technical personnel. Through the dispatch of medical equipment experts, it not only transferred technical skills by jointly undertaking major related tasks throughout the lifecycle of each medical equipment, but also carried out online training for medical equipment users to ensure that they learn how to use the medical equipment correctly. In particular, KOFIH assisted the improvement of the biomedical engineering environment of the three local hospitals, and supplied precision measuring instruments and components required for the effective maintenance of hospital medical equipment. It also set up an in-country office to enable constant monitoring for the relevant project. Through these efforts, the average satisfaction level of the three local hospitals in Vietnam regarding the hospital operation consulting was scored at 86.5 points, exceeding the target of 80 points by 6.5 points on average.

Dispatch of medical equipment experts to medical facilities in Vietnam

❸ Phase-two Operation and Management Consulting for the National Children's Hospital in Uzbekistan

In order to ensure the successful opening and operation of the National Children's Hospital in Uzbekistan based on support from an EDCF loan from the Ministry of Economy and Finance of Korea, since 2014, KOFIH has provided consulting and enhanced the capacity of the hospital personnel. Since 2021, KOFIH has been working on the establishment of the hospital's operation and management system through its phase-two consulting.
To this end, KOFIH and the National Children's Hospital in Uzbekistan signed a new MoU, and KOFIH conducted formative research to identify the baseline status of the hospital after its opening and set up a detailed assistance plan, with the aim to conduct an environmental analysis. KOFIH also established a roadmap for Uzbekistan through an institution based in Kazakhstan to acquire the Joint Commission International (JCI) Accreditation for Hospitals. Furthermore, in order to build a hospital operation and management system following the establishment of the information strategy planning (ISP), KOFIH began to establish an electronic medical record (EMR) system for nosocomial infection control and quality and patient safety (QPS) activities.

Establishing the information strategy planning (ISP) for the operation and management system of the National Children's Hospital in Uzbekistan


Conducting formative research for the National Children's Hospital in Uzbekistan regarding the acquisition of the Joint Commission International (JCI) Accreditation for Hospitals



PET-CT in the nuclear medicine department at the National Diagnostic and Treatment Center (NDTC) in Mongolia

❹ Operation and Management Consulting for the Nuclear Medicine Department at the National Diagnostic and Treatment Center in Mongolia

In order to ensure the successful opening and effective operation of the nuclear medicine department at the National Diagnostic and Treatment Center (NDTC) in Mongolia based on support from an EDCF loan from the Ministry of Economy and Finance of Korea since 2016, KOFIH has provided consulting and strengthened the capacity of medical professionals. To enhance the capacity of medical professionals, a medical professional from the NDTC nuclear medicine department was invited to Korea for a year-long training program that incorporated theoretical education on the radiation safety management of PET/CT and SPECT/CT as well as on-site field training. KOFIH also produced and provided an online supplementary training course consisting of 23 video lectures for the seven staff members at the department. Expert advisory consulting was also offered on the production and quality control of radiopharmaceutical products and diagnostic tests in addition to support for the installation of equipment for online training and remote conferences. KOFIH supported the establishment of the radioactive contamination monitoring system for the radiopharmaceutical production department and the safety supervision system for the radiation therapy ward, as well as the installation of a workstation. Thanks to these efforts, the nuclear medicine department officially opened in August, and the NDTC became the first medical facility to produce the F-18 FDG in Mongolia, and succeeded in the FDG PET/CT scanning and diagnosis of cancer patients. The satisfaction level for the hospital operation consulting was scored at 97 points, exceeding the target of 90 points by 7 points.

❺ Operation and Management Consulting for the National Diagnostic and Treatment Center in Mongolia

In order to ensure the effective operation of the NDTC in Mongolia based on support from an EDCF loan from the Ministry of Economy and Finance of Korea, KOFIH has provided consulting and capacity-building for medical professionals since 2020. In the phase-one consulting, a baseline survey was carried out through formative research and two joint workshops were held remotely. In those workshops, KOFIH shared the current issues facing the NDTC and a future action plan, and provided expert consultation. In addition, four doctors and working-level personnel were invited to Korea for a short-term training program consisting of one-to-one customized training on diagnostic testing, hospital information systems, electrical safety, and facility safety. Then, in a one-time workshop held through the phase-two consulting, current issues facing the hospital were identified and advisory opinions for such issues were provided, along with individual online consulting for each of the seven departments at the hospital in areas such as hospital operation, diagnostic testing, hospital information systems, remote medical care, nuclear medicine, medical equipment, and nursing department. Moreover, to ensure the effective management of medical equipment at the hospital, KOFIH supplied precision measuring instruments and components necessary for their maintenance. As a result, patients' satisfaction level for the NDTC was scored at 87 points, exceeding the target of 80 points by 7 points.

Outcome of the consulting project for the nuclear medicine department of the NDTC in Mongolia

First-ever production of F-18 FDG in the Mongolian medical industry

First in the Mongolian medical industry
FDG

Succeeded in the FDG PET/CT scanning and diagnosis of cancer patients

Patient satisfaction score visiting the NDTC in Mongolia

87 points



On-site workshop for the diagnostic testing sector of the NDTC in Mongolia

❻ Phase-two of Hospital Operation and Management Consulting for the Muhimbili National Hospital Mloganzila Campus in Tanzania

In order to improve the quality of healthcare services at the Muhimbili National Hospital Mloganzila Campus, which was built and opened with the support of the EDCF from the Ministry of Economy and Finance of Korea, KOFIH has provided hospital operation consulting since 2013. KOFIH sought to improve the medical service quality of the hospital by seeking ways to utilize standardized operating procedures (SOPs) in the nursing department in order to enhance the hospital's operational efficiency. Meanwhile, customized technical training tailored to each vulnerable department was implemented for six months as a capacity-building effort for medical professionals by dispatching five experts in various fields such as obstetrics and gynecology, nursing, biomedical engineering, and diagnostic radiology. Furthermore, the hospital's function as a training and research hospital was strengthened through five symposiums on clinical skills. By renovating the maternity and newborn care unit and biomedical engineering department, the environment at the hospital was upgraded to allow local residents to use the hospital more conveniently. Medical materials, such as oxygen generators, patient monitoring devices, and ventilators, were also supplied to prevent nosocomial infections.

❼ Phase-two of Hospital Operation and Management Consulting for Quelimane Central Hospital in Mozambique

KOFIH has provided hospital operation consulting for Quelimane Central Hospital in Mozambique, which was built with the support of the EDCF from the Ministry of Economy and Finance of Korea from 2013, with the aim to improve its self-reliance as a quaternary hospital by training its medical professionals and assisting vulnerable sectors.
In order to enhance the clinical capacity of the hospital, KOFIH dispatched experts to the hospital, and provided a total of 26 customized training sessions for 136 medical professionals. It also developed training materials and a curriculum for the basic medical science course required for the hospital to serve as a training hospital. Furthermore, KOFIH supplied 13 types of components for medical equipment, such as an oxygen generator, and examined the current status of the existing medical equipment to enhance the follow-up support for medical equipment. At the time of the hospital's opening, its bed occupancy rate was 43 percent, which significantly grew to exceed 80 percent at present.



Capacity-building training for a vulnerable department (intensive care unit) at Quelimane Central Hospital in Mozambique



Clinical symposium held at the Muhimbili National Hospital in Tanzania

Capacity-building activities for medical professionals at the Muhimbili National Hospital in Tanzania

Dispatching experts Customized technical training for each vulnerable department

Holding symposiums on clinical skills Enhancing the function as a training and research hospital

Establishing the Medical Equipment Management System

Ensuring the Safety of Medical Check-ups and Treatments

❶ Strengthening the Management System of Medical Equipment in Lao PDR

Since 2018, KOFIH has reinforced the medical equipment management system of the Medical Products Supply Center (MPSC) under the Ministry of Health of Lao PDR and five provincial hospitals (Luang Prabang, Xiengkhouang, Oudomxay, Savannakhet, Champasak). Biomedical engineering experts from Korea were dispatched to the regions in order to help local medical equipment engineers to build up their capacity to independently repair and operate the medical equipment. To this end, the dispatched experts conducted training on medical equipment calibration, and KOFIH supported two medical equipment engineers to pursue a master's degree. Furthermore, KOFIH installed five sets of educational medical equipment in the training room at the MPSC for the betterment of the training environment, and renovated the biomedical engineering departments in the Oudomxay and Champasak provincial hospitals, which had the most vulnerable biomedical engineering departments among the aforementioned five provincial hospitals. In addition, KOFIH supplied apparatuses and materials for medical equipment maintenance, including 81 types of components for repair and five types of measuring instruments, in response to the difficulty in repairing malfunctioning equipment due to the lack of components and measuring instruments. It also implemented a mobile service to support medical equipment maintenance at the provincial hospitals. Through these efforts, the training completion rate of the local medical equipment engineers achieved 100 percent, and the medical equipment utilization rate of the provincial hospitals marked 94.8 percent, exceeding the target utilization rate of 90 percent by 4.8 percent.

❷ Strengthening the Management System of Medical Equipment in Sri Lanka

Since 2019, KOFIH has reinforced the medical equipment management system of the Central Ministry of Health of Sri Lanka and specialized biomedical engineering institutions under the nine provincial health authorities in order to expand the supply of high-quality medical services. Due to the changes in the project environment within the partner country, such as the launch of the new Cabinet and the COVID-19 pandemic, KOFIH consulted the Sri Lankan Ministry of Health and jointly selected preliminary activities for the project based on the demand of the partner country, subsequently implementing such activities. Through this project, KOFIH plans to enhance the capacity of medical equipment engineers by providing degree courses and short- and long-term training courses, and to support the establishment of the medical equipment management system, the improvement of the medical service environment including facility renovation and supply of medical equipment and materials, and consulting on the medical equipment management.

❸ Strengthening the Management System of Medical Equipment in Ethiopia

Since 2015, KOFIH has provided consulting on the establishment of the medical equipment management system to reinforce the system in Addis Ababa and Amhara Region. It dispatched one medical equipment expert for a short-term visit and provided video-based capacity-building training for biomedical engineers and, under the supervision of the University of Gondar Hospital and the Ministry of Health of Ethiopia, conducted on-site dissemination training (129 attendees) for local biomedical engineers. Furthermore, a survey of the medical equipment utilization rate of the nine hospitals receiving support from KOFIH found that they achieved a utilization rate of 85.46 percent.

Support for medical equipment engineers in Lao PDR

Providing training on medical equipment calibration by dispatching biomedical engineering experts to Lao PDR

Supporting two medical equipment engineers to pursue a master's degree



Training on medical equipment calibration in Lao PDR

Reinforcement of the management system of medical equipment in Ethiopia

Number of attendees at the on-site training conducted by a dispatched biomedical engineer in Ethiopia

129 persons



Technical training for biomedical engineers at the University of Gondar Hospital in Ethiopia

Dr LEE Jong-wook Fellowship Program

Training Program for Global Healthcare Professionals

❶ Dr LEE Jong-wook Fellowship Program

The Dr LEE Jong-wook Fellowship Program is a training program that has been conducted since 2007 for global healthcare professionals in honor of the commitment shown by the late Dr. Lee Jong-wook, who served as the sixth director-general of the World Health Organization, under the aim to foster healthcare professionals in developing countries. This program aims to enhance the capacity of healthcare professionals in developing countries through the dissemination of high-quality medical knowledge and skills from Korea. Amid the COVID-19 pandemic, KOFIH invited 117 trainees from 12 countries to seven training courses, and provided them with vaccinations, quarantine vehicles as means of transportation, and quarantine accommodations for the comprehensive prevention of all infections. In addition, KOFIH prepared and distributed the infection prevention and control manual for training institutions to consistently monitor their implementation of preventive measures, and specified directions for COVID-19 prevention for trainees through training guidelines to ensure the systematic management of safety for the trainees.In response to the soaring demand for the establishment of an infection control system and fostering of a professional workforce in partner countries, KOFIH newly launched and operated a training course for communicable disease specialists. The 23 doctors and epidemiological investigation officers from eight countries completed the courses for health policy and epidemiology and for clinical treatment and diagnostic testing, and in addition to the courses for communicable disease response, an Official Development Assistance (ODA) convergence course with a focus on disability inclusion was also resumed for physiotherapists and nurses to strengthen their expertise in rehabilitation science. Due to the COVID-19 pandemic, the operational method for the invitational training was diversified, delivering theoretical courses online and field training face-to-face.Furthermore, to maximize the efficiency of the project, KOFIH has supported the establishment of the KOFIH Global Alumni (KGA) as part of its follow-up management so that trainees can effectively utilize and disseminate the experience and skills that they achieved during the training program to their countries. This year, a new KGA was additionally formed and its inauguration ceremony was held in Ghana.



The KOFIH Global Alumni (KGA) inauguration ceremony in Ghana



Group photo taken at the opening ceremony of Dr LEE Jong-wook Fellowship Program

Major outcome of Dr LEE Jong-wook Fellowship Program

Number of invited trainees
117 persons from **12** countries

Training courses
Health policy and epidemiology, Clinical treatment and diagnostic testing course, Communicable disease specialist course (new), etc.

In addition, the online general alumni meeting was held in Lao PDR, while KOFIH evaluated 11 national alumni project proposals from six countries, and strengthened their alumni networks by supporting local activities, such as knowledge-sharing workshops and independently-organized campaigns. Through these efforts, KOFIH sought to enhance not only the capacity of individual trainees but also the self-reliance of their affiliated institutions and countries.
The educational performance level of the trainees of the Dr LEE Jong-wook Fellowship Program scored an average of 53.4 points prior to their participation in the program and grew to an average of 83 points by 29.6 points after the program, exceeding the target of a 20-point increase by 9.6 percent. Their satisfaction level toward the program scored an average of 92.4 points, exceeding the target of 90 points by 2.4 percent. Their application level of the program content into their work scored an average of 91.7 points, also exceeding the target of 90 points by 1.7 percent.


Common nursing practice during the clinical rehabilitation course in Cambodia

Course Title		Country(Number of trainees)	Number of Invited Trainees	Training Duration	Training Institution
Training Course for Faculty Members		Mozambique (2)	2	2 years	Inje Univ. Industry-Academic Cooperation Group (IACG)
Training Course for Health Education Professionals		Laos (6), Vietnam (6)	12	2.5 months	Seoul National Univ. (SNU) R&DB Foundation
Training Course for Health Policy Administrators		Ghana (4), Laos (3), Uganda (3), Ethiopia (1), Tanzania (1)	12	3 months	Yonsei Univ. Industry-Academic Cooperation Foundation (IACF, Sinchon)
Training Course for Clinical Treatment		Laos (5)	5	6 months	SNU R&DB Foundation
		Mongolia (2)	2	6 months	Kangbuk Samsung Hospital, Korea Institute of Radiological & Medical Sciences
		Uganda (9), Tanzania (4)	13	3·6 months	Yonsei Univ. IACF(Wonju)
		Cambodia(4, rehabilitation course)	4	2 months	National Rehabilitation Center
Training Course for Biomedical Engineers		Ghana (2), Laos (2), Mongolia (2), Vietnam (1), Ethiopia (2), Tanzania (3)	12	3 months	Eulji Univ. IACG
Training Course for Infectious Disease Specialists	Tuberculosis	Uganda (5), Cambodia (1)	6	3 months	GC Labs
	Policy and epidemiology	Ghana (3), Gabon (1), Uganda (2), Uzbekistan (1), Cambodia (1), Tanzania (2)	10	5 or 7 weeks	Korea Human Resource Development Institute for Health & Welfare
	Clinical treatment and diagnostic testing	Ghana (4), Gabon (1), Laos (1), Uganda (3), Uzbekistan (2), Ethiopia (1), Tanzania (1)	13	1.5 months	National Medical Center
Course for Graduate Degrees	Nursing	Mongolia (2)	2	1.5 to 2 years	Yonsei Univ. IACF (Wonju)
	Basic Medical Science	Cambodia (1), Laos (1), Myanmar (1), Vietnam (1)	4		Yonsei Univ. IACF (Wonju)
	Health Policy	Laos (5), Myanmar (4), Vietnam (1)	10		Soon Chun Hyang Univ. IACF
	Biomedical Engineering	Laos (2), Myanmar (1)	3		Eulji Univ. IACG
	Medical Education	Laos (2)	2		Yonsei Uni. IACF (Wonju)
	Oncology Nursing	Laos (3), Vietnam (2)	5		National Cancer Center Graduate School of Cancer Science and Policy (NCC-GCSP)
Total		**117 from 12 countries**	**117**		

❷ Training Program for Medical Equipment Engineers

In order to improve the efficiency of assistance, KOFIH has been providing a training program for medical equipment engineers since 2010 in association with the medical equipment management project, loan- and grant-aid-linked programs, and the project to establish medical equipment management systems in partner countries. By training engineers for essential medical equipment in partner countries, in particular, KOFIH has contributed to enhancing the quality of healthcare services, and aimed to develop a self-reliant environment to improve partner countries' capacity to independently utilize and troubleshoot medical equipment previously provided by KOFIH.
KOFIH invited 12 biomedical engineers and supervisors of national medical institutions from six countries to Korea with the aim to provide them with customized training tailored to their levels and work positions, and the training consisted of both face-to-face and non-face-to-face sessions in compliance with meticulous infection prevention measures. The graduates who completed the invitational training courses were hired as local instructors to conduct an educational dissemination program tailored to each country. As such, five biomedical engineers (three from Ghana and two from Tanzania) who completed the last-year invitational training courses participated in the dissemination program as local instructors in their respective countries. In Ghana, 35 trainees completed a five-day short-term course, and in Tanzania, 29 trainees completed a one-month long-term course. The educational achievement level of the dissemination program conducted by course graduates stood at 37.5 percent, exceeding the target of 20 percent by 17.5 percent, and the program contributed to improving the capacity of local biomedical engineers and their services.

Invitational training program for medical equipment engineers

12 biomedical engineers and supervisors from national medical institutions of six countries (Customized training tailored to their levels and work positions)


Training for medical equipment engineers in Lao PDR (practice)


Technical training for medical equipment engineers and equipment maintenance in Uzbekistan

Strengthening the Capacity of Communicable Disease Control System

Building a Basic Quarantine System



Providing education on mosquito and vector control and pesticides in Lao PDR

❶ Diagnosis and Quarantine System-building Project for Communicable Disease Control in Lao PDR

Since 2019, targeting all regions (18 provinces) of Lao PDR, KOFIH has implemented a project to enhance quarantine systems for communicable diseases by strengthening the regions' capacity to control infectious diseases. KOFIH helped the amendment of the Law on Prevention and Control of Communicable Diseases in order to establish Laos's governance system for infectious disease control and to reinforce the country's control capacity. KOFIH also assisted advance preparations for the future pandemic crises by providing IT systems for video conferencing and 16 types of equipment and materials to the Public Health Emergency Operations Center (PHEOC), inspected the operation of emergency operation centers of provincial health authorities, and carried out monitoring on nine provinces for their COVID-19 emergency response systems. In order to build the monitoring and response capacity against infectious diseases, seven educational sessions on basic epidemiology were provided to emergency response teams in provinces and counties, while three capacity-building training sessions on health communication in relation to dengue fever were conducted for the Ministry of Health and journalists to ensure an effective response to dengue fever. In addition, commodities were supplied including nine types of preventive materials along with personal protective equipment (PPE) for infection prevention. KOFIH also supported the effective management of reagents for the extraction of nucleic acid for COVID-19 diagnosis and the efficient operation of diagnostic laboratories. Through this project, the comprehensive capacity index of Ministry of Health officials in charge of communicable disease control increased to 88 percent, exceeding the target of 85 percent by 3 percent.

Strengthening the capacity for the communicable disease control system in Lao PDR

- Supporting the amendment of the Law on Prevention and Control of Communicable Diseases
- Providing IT systems for video conferencing and related equipment and materials
- Conducting education on epidemiology
- Supplying preventive materials including PPE

❷ Post-management Project for Tuberculosis Control Capacity-building in Palawan, the Philippines

KOFIH implemented a capacity-building project for tuberculosis (TB) control from 2017 to 2019 in Palawan, the Philippines, and in order to enhance the sustainability of the project, KOFIH proceeds with this post-management project with an aim to improve their capacity of detecting and diagnosing TB patients. For the post-management, 25 pieces of 15 types of testing and diagnostic equipment and repair components were supplied to Southern Palawan Provincial Hospital in Palawan.

❸ Establishing Tuberculosis Screening System and Capacity-building on Tuberculosis Diagnosis in Jimma Zone, Oromia, Ethiopia

KOFIH has launched a project to enhance the tuberculosis diagnosis capacity and establish a tuberculosis (TB) screening system, aiming at increasing tuberculosis treatment coverage and decreasing prevalence in four woredas (Dedo, Omo Nada, Seka Chokorsa, and Shebe Sombo) in Jimma Zone in 2021. KOFIH visited one local primary hospital and three health centers and health posts to investigate the TB sample shipment process and diagnosis procedure, created a draft plan for the TB project including issue analysis, goal setting, implementation plan, activity details led by Jimma University (phase one), and discussed implementation priorities for each project element with the Federal Ministry of Health and the Oromia Regional State Health Bureau (phase two) through stakeholder workshops.
The workshops identified six main project activities: △Strengthening the TB control capacity of healthcare workers, △Increasing tuberculosis awareness and strengthening community participation, △Application of new diagnostic tools △Increasing TB case detection rate through active case finding, △Improvement of the diagnostic referral system, △ Research for the on-site application of monitoring and evaluation



Hosting a local tuberculosis project workshop in Jimma Zone, Ethiopia

❹ National Tuberculosis Control Capacity-building Project in Uganda

Since 2017, KOFIH has been implementing a project in Kampala, Masaka, and Bukomansimbi Districts in Uganda to build their tuberculosis control capacity by providing technical support to the National Tuberculosis Reference Laboratory in Uganda and strengthening the capacity of healthcare workers. Biosafety education was provided for TB staff (40 people) in Masaka and Bukomansimbi to enhance TB testing techniques and the self-reliance capacity of TB staff in Uganda, in addition to training for the WHO Stepwise Laboratory Improvement Process Towards Accreditation (SLIPTA) and training to strengthen the TB treatment and testing capacity. KOFIH provided support for transporting sputum samples to a higher health center for rapid diagnostic testing (858 samples) and dietary supplements for the treatment of TB (186 people). Furthermore, KOFIH constructed laboratories at Kitanda Health Center III in Bukomansimbi District and provided GeneXpert cartridges (250 pieces) to Butenga Health Center IV. The number of TB cases increased by 96 percent year-on-year from 89 in 2020 to 174 this year, and the number of sputum sample testing cases in the project area rose by about 40%, from 1,583 in 2020 to 2,215 in 2021. Also, the number of patients on directly observed therapy rose by 45% from 184 in 2020 to 267 in 2021, demonstrating meaningful progress in the main TB indicators.



Hosting a community meeting to enhance public awareness on TB in Uganda

Outcomes of the tuberculosis control capacity-building project in Uganda
Number of detected TB cases

Outcomes of the tuberculosis control capacity-building project in Uganda
Number of detected TB cases

2020
89 persons
2021
174 persons

Number of sputum sample testing in the project area

2020
1,583 persons
2021
2,215 persons

Improving the Control of Non-communicable Diseases (NCDs)

Securing Health through the Early Detection and Management of Chronic Diseases

❶ Improving Quality of Healthcare Services and Strengthening Non-communicable Disease Management in Northwest Provinces in Cambodia

In the three northwestern provinces of Cambodia (Battambang, Pursat, and Pailin), people aged over 40 who have a persistent history of non-communicable diseases (NCDs) comprise nearly 25.9 percent of the population, and the number is on the increase. However, only 8 percent of health centers provide NCD services in these areas, which demonstrates the inadequacy of the healthcare workforce and systemic resources to address the growing burden of non-communicable diseases. In this regard, KOFIH seeks to contribute to decreasing early mortality from chronic diseases by providing preventative management services for three major chronic diseases (hypertension, diabetes, and cervical cancer). In order to resolve the issue of insufficient supply of essential NCD drugs by the Cambodian Ministry of Health, KOFIH raised funds for each province and facilitated the bulk purchase of medicine below market prices through a single channel as well as their distribution. In addition, KOFIH established plans to conduct activities such as computer installation, staff training, and supervision to build database management systems for chronic diseases across all health facilities with the aim to manage data on the three major chronic diseases that are otherwise only collected in tertiary hospitals. KOFIH discussed the proper direction of such management with the Ministry of Health and the State Health Department to ascertain the management entity for chronic diseases and provided support for the State Health Department to carry out planning, implementation, and supervision. Also, KOFIH held workshops on chronic disease management for the Provincial Health Department (twice), policy workshops on cervical cancer screening and treatment capacity-building (twice), staff training sessions (twice), health care worker education (4 times), and health support group training (17 times).

❷ Capacity-building Project on Screening of Cervical Cancer and Human Papillomavirus (HPV) in the Republic of Uzbekistan

Cervical cancer is a common cancer, and the second-most common form of cancer for women in Uzbekistan. However, its mortality rate can decrease if appropriate preventative measures are taken, because it can be completely cured when detected in its early stages and has simple treatment options. KOFIH and the Ministry of Health of the Republic of Uzbekistan signed a memorandum of understanding and have been jointly implementing a four-year project for 50,000 women in regions such as the capital city of Tashkent, Samarkand, and Andijan from 2020 to 2023.KOFIH provided devices and equipment for HPV DNA diagnosis and liquid-based cervical cytology screening and hosted a workshop to increase public awareness on cervical cancer. KOFIH also developed educational materials for HPV screening and preventative guidelines and conducted overseas training to strengthen the capacity of local medical workers in using liquid-based cervical cytology results. As a result, a total of 7,226 women in Tashkent took HPV screening tests. With the proactive cooperation from the Ministry of Health and technical support from KOFIH Uzbekistan Office, the project area was expanded to cover Samarkand and Andijan beyond Tashkent. In 2022, KOFIH plans to dispatch experts from Korea as an advisory group to provide technical lab support and focus on support to strengthen the capacity for cervical cancer screening tests.



Cervical cancer screening tests in Northwestern Cambodia

Activities to improve healthcare service quality in Cambodia

Workshops on chronic disease management for the provincial health department

Twice

Policy workshops on cervical cancer screening and treatment capacity-building

Twice



Implementing cervical cancer and human papillomavirus (HPV) screening tests in the Republic of Uzbekistan

Number of screening tests in Tashkent

7,226 persons

Health Insurance Policy Consulting Project

Contributing to Achieving Universal Health Coverage

❶ Capacity-building Project for National Health Insurance Review-Claim System and Policy Management in Lao PDR

KOFIH seeks to improve the national health insurance scheme and build the human resource capacity in Laos so as to strengthen the universal health coverage system in the country and contribute to achieving the National Health Insurance strategy for 2021-2025. KOFIH and the National Institute of Public Health under the Ministry of Health of Laos have jointly implemented the formative and baseline research to this end. KOFIH conducted interviews with various stakeholders, including the National Health Insurance Bureau, and Provincial Health Departments as well as health insurance subscribers and healthcare service users, subsequently establishing detailed plans. Furthermore, KOFIH attended meetings with relevant ministries in Laos, including the Ministry of Finance, in consideration of the characteristics of the national health insurance system that requires organic coordination among ministries, and other donor organizations (JICA, Swiss Red Cross, etc.) that contribute to the development of the health insurance sector in Laos. Based on such efforts, KOFIH and the National Health Insurance Bureau of Laos signed a memorandum of understanding to implement projects in May 2021.

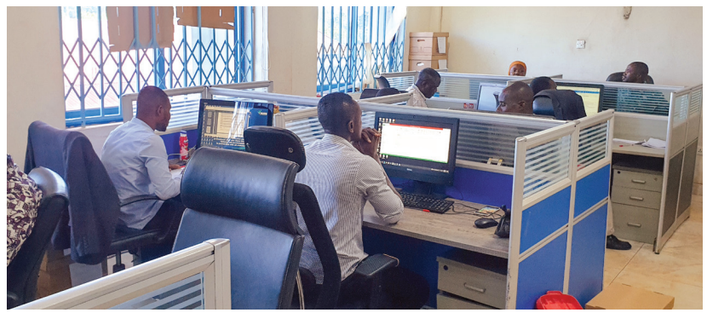
❷ Ghana Health Insurance System Strengthening Project to Achieve UHC in Africa

KOFIH has implemented projects to strengthen the governance capacity for operating the health insurance system and build the capacity of stakeholders so as to contribute to achieving UHC in Ghana and Africa since 2013. To strengthen the government leadership, a local project implementation committee has been organized to establish knowledge-sharing programs for health insurance personnel and agendas for joint research. In this regard, a survey was conducted with 197 stakeholders in the base areas in northern and southern Ghana to identify the demand for developing the above knowledge-sharing programs. Through these project activities, the electronic claims system in Ghana has been distributed at a rate of 41.31 percent, increasing by 16.94 percent from 24.37 percent in 2020, which exceeds the target of 3 percent by about 12 percent.



Meetings for formative research with the National Health Insurance Bureau of Laos

KOFIH and the National Institute of Public Health Laos jointly conducting formative and baseline research



Health insurance claims center in Ghana

Distribution Rate of Electronic Claims System in Ghana

2020 **24.37**%

2021 **41.31**%

Project Development and Evaluation

Coordinating with Various ODA Project Actors & Reinforcing Transparency through Systematic Evaluation and Feedbacks

KOFIH is building a concrete system for cooperation with relevant agencies and academia to explore and implement healthcare ODA projects effectively. KOFIH has consistently sought various survey methods to systematically verify the validity of projects in advance and aims to lead global cooperation efforts through organic cooperation between loan-based and grant-based sectors.

❶ Conducting Feasibility Studies on New Projects and Building Networks with Partner Agencies

① 1. Conducting feasibility studies on new preliminary projects

KOFIH conducts feasibility studies on new preliminary projects based on the results of the project demand survey and the decision of the selection committee on preliminary projects. This year, feasibility studies were carried out over five months in areas and fields (Asia, Africa, and rehabilitation), comprising nine projects in seven countries, including countries identified in Korea's New Southern Policy (Vietnam and Cambodia) and Kyrgyzstan, a new partner for the Country Partnership Strategy (CPS). Since the COVID-19 pandemic prevented business trips, KOFIH diversified survey methods by hiring local researchers, hosting video conferences, etc., and held successful discussions with local authorities. Also, KOFIH effectively responded to project deliberation by preparing various documents in advance such as project concept papers (PCP), official requests for the authorities responsible for external development assistance in the recipient country, sharing information about preliminary projects and the results of feasibility studies with relevant agencies to avoid project overlap, and discussing collaboration measures in advance, in order to ensure the successful launch of new preliminary projects in 2023.

<Feasibility Study List for New Preliminary Projects in 2023>

1. Tele-health to Improve Access of Healthcare Services for Disadvantaged Groups in Vietnam
2. Improving Quality and Performance Efficiency and Strengthening Management Capacity for Tertiary Hospitals in Vietnam
3. Operation and Management Consulting for the Training Simulation Centre in the Republican Clinical Infectious Diseases Hospital in Kyrgyz Republic
4. Improving Quality of Care for Emergency Obstetric and Newborn Care in the Northwest Region in Cambodia
5. Health Insurance Cooperation & Policy Consultation Project to Support UHC in Ethiopia
6. National Cancer Management and Capacity-building in Uganda
7. Health System Strengthening Project focused on Reproductive, Maternal, Newborn and Child Health (RMNCH) in Pwani Province, Tanzania 2nd Phase
8. Strengthening Healthcare Services of Early Intervention and Rehabilitation for the Disable in Cambodia
9. Improving Rehabilitation Services for Children with Disabilities in Ghana



Awarded the Prime Minister's Commendation for International Development Cooperation

In commemoration of the "International Development Cooperation Day", KOFIH, as a leading ODA agency in the healthcare sector, was awarded the Prime Minister's Commendation for its contribution to solving healthcare crises in developing countries by supporting them to build their healthcare capacity and strengthen the capacity to respond to COVID-19.

② Expanding Projects linked to Different Types of Aid by Promoting Cooperation and Building Networks with Relevant Organizations

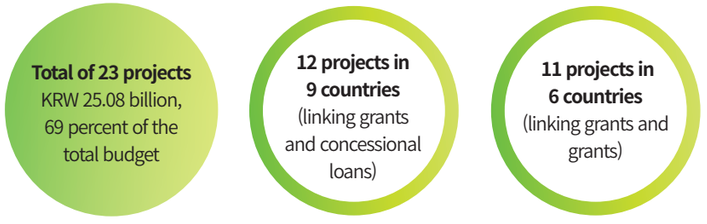
KOFIH has strived to secure cooperation and build networks with relevant agencies and academia to diversify and improve the quality of ODA projects in the healthcare sector. As a result, the number of mixed-aid projects (loans-grants, grants-grants) has increased, taking up 69 percent of the overall ODA budget. KOFIH sought measures to explore joint projects and expand aid linkages through regular biannual meetings with the Export-Import Bank of Korea, a provider of the Economic Development Cooperation Fund (EDCF), and the Korea International Cooperation Agency (KOICA). In particular, KOFIH co-hosted a "Forum to Strengthen Linkages between Grants and Concessional Loans in the Healthcare Field" with the EDCF. At the forum, participants discussed the medium- and long-term direction to explore and implement main ODA projects in the healthcare sector in order to respond to the post-COVID-19 situation. In addition, KOFIH held the 7th Global Health ODA Forum jointly with the Korean Society of Global Health and discussed the present and future of hospital-based global health in the pandemic era.

KOFIH strives to closely cooperate with various project entities, faithfully implement national agendas* and government policies, and take the lead in developing various healthcare projects that can contribute to strengthening healthcare systems in recipient countries.

In this regard, project evaluations have been conducted to increase the performance of healthcare support projects and reinforce accountability and transparency in the projects since 2010. In addition, feasibility studies on new preliminary projects and formative research have been implemented in an effort to develop evidence-based projects.

* National Agenda (99-4): Strengthening economic diplomacy and development cooperation to promote national interest (systematic, integrated, efficient development aid)

<Summary of Loan- and Grant-linked programs in 2021>



Loan- and Grant-linked programs in 2021

Number of Projects **23**

Budget
KRW **25.08** billion
(69% of the total budget)


Hosting the 7th Global Health ODA Forum

❷ Project Evaluation

① Project Evaluation and Evaluation Quality Control

Project evaluations were carried out for five projects this year. In general, KOFIH's project evaluation process is conducted in consideration of various evaluation criteria such as relevance, efficiency, effectiveness, coherence, impact, sustainability, and cross-cutting issues (gender, environment, etc.) at the mid-point or end of the project. Performance evaluation and measurement allow the estimation of the effects of projects that are provided with a budget and the improvement of project systems through feedback, while providing suggestions and references for similar projects. In particular, local evaluation consultants were employed to seamlessly implement the evaluation process amid the spread of COVID-19 to actively uphold the quality of evaluations.

Number	Group	Project Title
1	Final evaluation	Operation and Management Consulting for the National Children's Medical Center in Uzbekistan
2		Operation and Management Consulting for the MUHAS Academic Medical Centre (MAMC) in Tanzania
3		Maternal, Neonatal and Child Health Promotion and Policy Cooperation on National Health Insurance Scheme in Ethiopia
4	Intermediate evaluation	Strengthening the Capacity of Emergency Medical Services in Uzbekistan
5		Strengthening the Management System of Medical Equipment in Lao PDR

② Capacity-building Training of KOFIH Executive Officers and Employees to Enhance Quality of Performance Management

After establishing the "ODA Performance Management Guidelines" in 2017, KOFIH conducted training sessions for executive officers and employees to build capacity for project performance management and solidify project implementation. This year's training was conducted on various themes including cross-cutting issues, healthcare ICT systems to focus on developing ODA projects and building capacity for project performance management through integrated approaches. Furthermore, knowledge-sharing programs were provided, which aimed to understand global healthcare issues and expand the research base of KOFIH.

Number	Category	Main Content
1	Response to Climate Change and Infectious Diseases	Introducing domestic projects on climate change and infectious diseases
2	Healthcare ICT System	Implication of healthcare development cooperation policies such as ICT systems in the post-COVID-19 era
3	Knowledge Sharing	Analysis on effectiveness of training projects
4		Sustainability evaluation of healthcare projects in Bangladesh and Vietnam
5	ODA Project Performance Management	Phase-one capacity-building training for ODA project performance management (working-level staff)
6		Phase-two capacity-building training for ODA project performance management (working-level staff)
7		Phase-three capacity-building training for ODA project performance management (working-level staff)
8	Gender (gender equality)	Gender and development

International Cooperation Project

Cooperation Projects to Respond to Global Healthcare Crises

❶ K-health Global Cooperation Strategy Project

Korea's healthcare system (so-called "K-health") has garnered global attention for its measures to respond to the COVID-19 pandemic. KOFIH organized a K-health planning group jointly with the Ministry of Health and Welfare, the Korea Disease Control and Prevention Agency (KCDC), and other relevant agencies, and conducted five cooperation projects in the field of UHC and health security centered around the ASEAN member countries to strengthen global healthcare systems, as opposed to simply providing supplies. As the secretariat office of the planning group, KOFIH provided administrative support for the entire K-health project and strengthened communication and networks with the ASEAN Secretariat by continuously coordinating opinions. The project was officially approved in the 16th ROK-ASEAN High-Level Officials Meeting on Healthcare and subsequently provided support for customized overseas UHC training, the establishment of financial risk management systems, and the construction of the national pharmaceutical information system, while also promoting joint projects with the KCDC, contributing to reinforcing the healthcare cooperation system with ASEAN member countries.



ROK-ASEAN Video Conference on K-health

❷ ROK-Romania Medical Supplies Donation Project

KOFIH marked its first-ever assistance to Romania by donating medical supplies to respond to COVID-19, as part of the KRW 12 billion support fund to implement the mutual contribution agreement made with the Romanian government to encourage cooperation in healthcare and disease prevention. The Korean government procured 450,000 doses of the Moderna COVID-19 vaccine from Romania in August 2021 and preemptively donated 600,000 units of rapid antigen diagnostic test kits to Romania through KOFIH, as part of the subsidy budget of the Ministry of Foreign Affairs, in order to allow the partner country to respond to the increasing demand for COVID-19 tests amid the resurgence of COVID-19 infections. Through this support measure, KOFIH contributed to strengthening Romania's COVID-19 diagnosis capacity and is working on providing additional support by consistently collaborating with relevant ministries and agencies.



ROK-Romania Medical Supply Support

KOFIH
2021
ANNUAL
REPORT

Humanitarian Healthcare Projects

PART 3

KOFIH is leading the way to minimize blind spots in healthcare and build healthier communities by strengthening health safety networks.

Scale of the Humanitarian Healthcare Projects
Healthcare Support Program for North Korea
Healthcare Support Program for Overseas Koreans
Healthcare Support Program for Migrant Workers in Korea
Healthcare Support Program for Overseas Emergency Relief
Healthcare Resources Support Program
Public-Private Partnership Projects (CCK-supported project, etc.)
Dr LEE Jong-wook Commemorative Projects

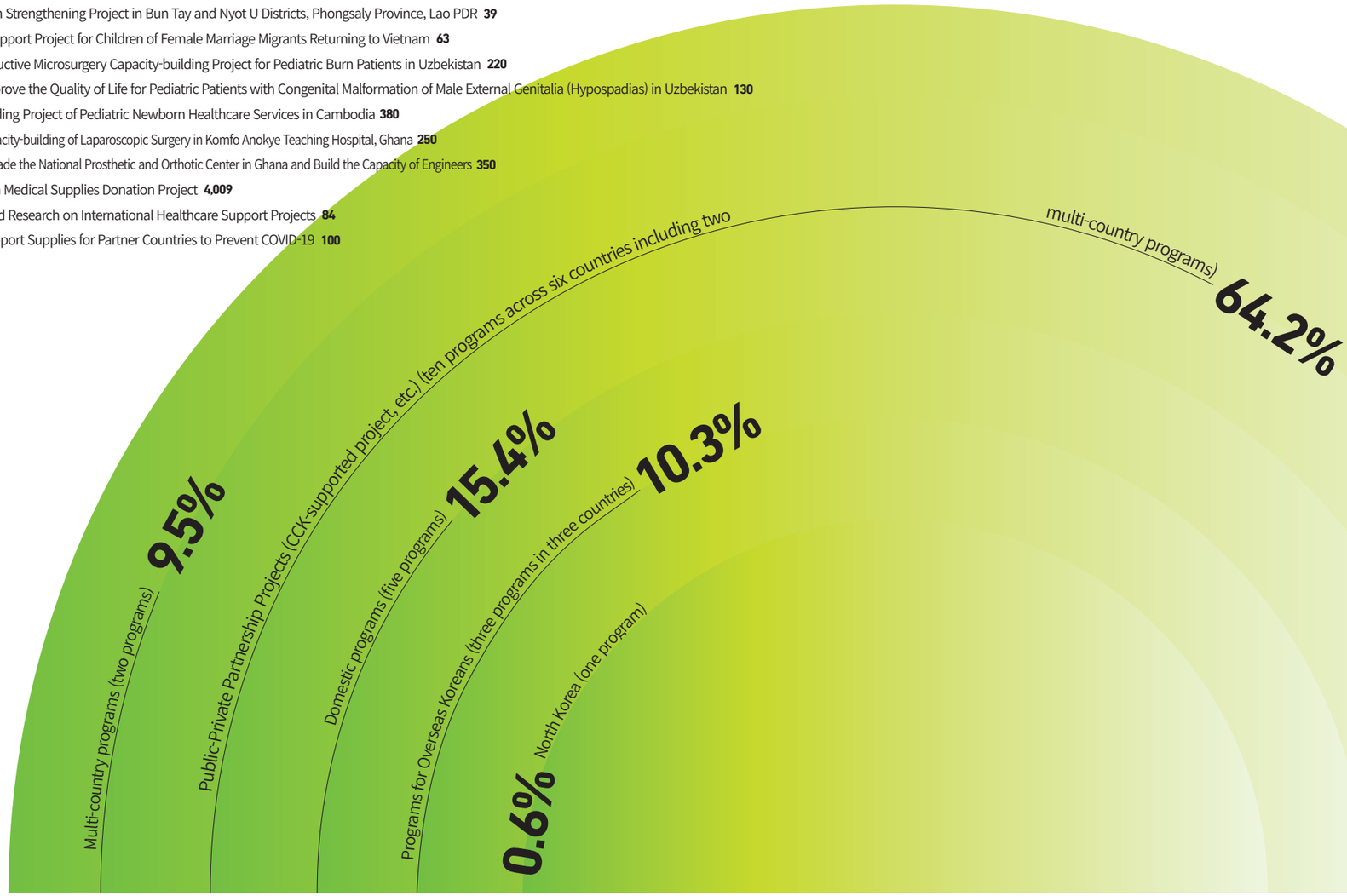
Support Scale of Humanitarian Healthcare Projects

(Unit: KRW 1 million)

Public-Private Partnership Projects (CCK-supported project, etc.)

Ten programs across six countries including two multi-country programs

Health System Strengthening Project in Bun Tay and Nyot U Districts, Phongsaly Province, Lao PDR **39**
Healthcare Support Project for Children of Female Marriage Migrants Returning to Vietnam **63**
First Reconstructive Microsurgery Capacity-building Project for Pediatric Burn Patients in Uzbekistan **220**
Project to Improve the Quality of Life for Pediatric Patients with Congenital Malformation of Male External Genitalia (Hypospadias) in Uzbekistan **130**
Capacity-building Project of Pediatric Newborn Healthcare Services in Cambodia **380**
Project for Capacity-building of Laparoscopic Surgery in Komfo Anokye Teaching Hospital, Ghana **250**
Project to Upgrade the National Prosthetic and Orthotic Center in Ghana and Build the Capacity of Engineers **350**
ROK-Romania Medical Supplies Donation Project **4,009**
Evaluation and Research on International Healthcare Support Projects **84**
Project to Support Supplies for Partner Countries to Prevent COVID-19 **100**



North Korea one program

Program for Establishment of Healthcare Network and Capacity-building **53**

Assistance for Overseas Koreans

three programs in three countries

Nursing Home Project for the Elderly Korean Diaspora Living Alone in Uzbekistan **413**
Healthcare Assistance for Korean Workers Dispatched to Germany **150**
Healthcare Support for First-generation Ethnic Koreans Residing in Sakhalin **340**

Domestic Programs five programs

Healthcare Support Program for Migrant Workers in Korea **790**
- Reinforcement of Healthcare Services at Free Clinics **630**
- Providing Healthcare Information, Supporting Vaccinations and Training Project Staff **160**

Healthcare Support Program for Overseas Emergency Relief **90**
Program to Support Donated Medical Supplies **240**
Dr LEE Jong-wook Commemorative Projects **232**

Multi-country Programs two programs

Medical Equipment Operation and Management Project for Partner Countries **325**
Training Program for Medical Equipment Engineers **511**

Healthcare Support Program for North Korea

Envisioning the Realization of a Unified Health Community on the Korean Peninsular

Program for Establishment of Healthcare Network and Capacity-building

This year's general course of the North Korea Healthcare Support Academy was planned toward building enhanced consensus in providing healthcare support for vulnerable demographics in North Korea. Starting with the first session under the theme of "Youth" (August), followed by the second titled "The Disabled" (September) and the third titled "Women" (December), participants attended expert lectures and held discussions on the necessity of improving healthcare for the disadvantaged in North Korea and directions for support. Various channels were used for each theme to improve the level of immersion and engagement among attendees, with the "Youth" session being delivered on the "Metaverse" platform in particular. Through this opportunity, attendees at the academy, including North Korean defector youths, shared their ideas about a "health community on the Korean Peninsula" to which both South and North Korean youths can contribute to and reflected on their potential roles. The region-specific course was co-hosted with "Incheon, a City of Peace" in commemoration of the "2021 Special Commemoration Period for Peace in the West Sea." During the session, the current healthcare conditions and tasks facing North Korea were discussed, as the country is expected to experience challenges due to COVID-19 and prolonged border closures, while past experiences on aid programs toward North Korea and subsequent lessons were also shared. This year's North Korea Healthcare Support Academy, which was focused on improving educational access and the quality of education, was hosted online and offline simultaneously, drawing 564 participants in total, an increase of 489 people from last year. In addition, the education subjects were expanded into cross-cutting areas such as the disabled and women in order to promote a comprehensive understanding about healthcare assistance for North Korea. The satisfaction level among the participants was scored at 90 points, which demonstrates the smooth operation of the academy despite various surrounding constraints. Meanwhile, KOFIH jointly hosted the International Symposium for Inter-Korean Cooperation with the National Assembly and the National Health Insurance Service, and signed an MOU with Samjong KPMG Accounting Firm of Korea (private corporation), so as to strengthen the collaborative relationship with relevant organizations that support healthcare assistance toward North Korea.

Operating the North Korea Healthcare Support Academy

Purpose
To provide healthcare support for the disadvantaged in North Korea

Education method
All courses provided online and offline simultaneously

Number of participants
564 persons
(Increased by 489 persons from last year)



North Korea Healthcare Support Academy: Open Lecture No. 3 "Cooperation for Healthcare Exchanges for North Korean Women"

Healthcare Support Program for Overseas Koreans

Promoting National Solidarity through Health

❶ Nursing Home Project for the Elderly Korean Diaspora Living Alone in Uzbekistan

Since 2010, KOFIH has been operating Arirang Nursing Home in Uzbekistan to ensure a stable elderly life and improve the quality of life of senior members of the Korean diaspora who were born in 1937 or earlier, as well as elderly individuals who are living alone and suffering economic hardship. Basic medical services were provided for 31 elderly residents, in addition to various and systematic care service programs including culture, education, daily exercise to ensure their health. Along with the improvement of nursing home facilities, KOFIH conducted regular fire and infection prevention education for staff members as well as elderly nursing home residents to establish a safer living environment.

Despite implementing exemplary measures against collective COVID-19 infections in 2020, additional cases were identified at Arirang Nursing Home in 2021. However, rapid early responses were implemented in accordance with an internally-prepared infectious disease control manual and emergency operation procedures, thereby preventing further cases. Moreover, the number of critically-ill patients and the deceased was minimized through the establishment of a hospital transfer system in preparation for the occurrence of severe cases, while a zero-contact, remote form of multidisciplinary medical diagnosis was test operated with the cooperation with local hospitals in Korea to advance the level of medical services at the nursing home. Against this backdrop, the daily life satisfaction level of the residents at the nursing home marked 98.4 points, increasing by 9.3 percent compared to the goal (90 points) and rising 2.2 percent higher compared to the last year. In addition, KOFIH provided 113,400 face masks to 2,258 homes including residents and the disadvantaged in Ahmad Yassaviy Region (formerly Siongo Village) in Uzbekistan where ethnic Koreans are concentrated and supplied groceries to 33 seniors aged 75 or older, contributing to maintaining stable livelihoods and public health in local communities experiencing difficulties in the wake of the COVID-19 pandemic.

❷ Healthcare Assistance for Korean Diaspora Dispatched to Germany

KOFIH is providing visiting healthcare services centered on Nordrhein-Westfalen state in Germany, a former coal mining region, in order to promote the health of ethnic Koreans who were dispatched to Germany as miners and nurses during the 1960s-1970s.

Among the Korean diaspora in Germany, 220 people who fall into the category of the disadvantaged, the disabled, and the elderly who live alone were selected for phone consultations and home visits by 35 visiting healthcare service volunteers to check their health conditions, provide administrative support for the registration of Long-term Care Insurance in Germany, and supply daily necessities (2,113 cases across all activities). Training sessions and workshops were conducted for volunteers to build their capacity to ensure more systematic services.

In addition, KOFIH hosted two mental health seminars, five health education seminars, two traditional Korean medicine workshops, and 18 dementia prevention education seminars in accordance with local quarantine guidelines with a focus on Central Germany as well as Berlin, Hamburg, and southern Germany to provide region-specific health information and activity services, which resulted in high satisfaction among the participants.

KOFIH has developed service guidelines by standardizing participant management programs in

Enhancing medical services at Arirang Nursing Home

Implementation of remote multidisciplinary medical services with Korean hospitals

Nursing home residents' daily life satisfaction score
98.4 points
(Increased by 9.3% compared to the goal of 90 points)


Zero-contact remote multidisciplinary medical services for Arirang Nursing Home(Pusan National University Yangsan Hospital)

Healthcare Assistance for Korean Diaspora Dispatched to Germany

Operation of visiting healthcare services (The disadvantaged, senior citizens who live alone among those dispatched to Germany as workers)

Hosting of health seminars (Mental health seminars, health education seminars, etc.)

order to improve the quality of visiting healthcare services and created an accounting manual to ensure the transparency of the programs. Thanks to these efforts, KOFIH was able to conduct programs successfully by monitoring program progress status and dealing with difficulties through monitoring meetings held via an online platform, at a time when face-to-face meetings were unavailable due to the COVID-19 pandemic.

❸ Healthcare Support for First-generation Ethnic Koreans Residing in Sakhalin

KOFIH has been providing healthcare support programs since 2015 by inviting Sakhalin-based Koreans to Korean hospitals for their medical treatment and supporting local health management programs in order to promote the health of the first-generation Sakhalin Koreans who were forced to move to Sakhalin in Russia by the imperial Japanese government between 1938 and 1945.
KOFIH provided health management programs including health monitoring and checkups, home visit medical consultations for 378 first-generation Sakhalin Koreans. In addition, home visit healthcare services were provided on eight occasions by local medical staff in each region to offer basic checkups, basic exercise programs, dementia prevention education, and home visit medical consultations, followed by telephone-based follow-up management to monitor their health conditions and prescribe medicine and medical supplies, if necessary.
Although the program to invite Sakhalin Koreans to hospitals in Korea for their medical care was suspended due to border restrictions imposed in light of the COVID-19 pandemic, the Korean Cultural Center in Sakhalin was partially renovated to establish a health and lifestyle support center that provides medical services and health promotion programs. To this end, medical supplies and training materials were supplied along with vehicles for those with mobility impairment.
In conclusion, the number of recipients who benefitted from the local health management program increased by 87 percent to 378 people compared to 202 people in 2020 and average scores on performing daily tasks measured via phone interviews, recorded 27.52 points, similar to that of last year.



Hosting a traditional Korean medicine workshop that provides health information to ethnic Koreans dispatched to Germany as workers



Provision of a dementia prevention program for first-generation Sakhalin Koreans

Healthcare Support for First-generation Sakhalin Koreans

Health monitoring / checkup and home visit consultation
378 persons

Visitation by local medical staff

Establishment of the health and lifestyle support center

Healthcare Support Program for Migrant Workers in Korea

Enhancing Medical Access for Migrant Workers in Korea

❶ Reinforcement of Healthcare Services at Free Clinics

Since 2008, KOFIH has been operating three mobile clinic vehicles consisting of a dental & ob/gyn clinic, an ophthalmic & ENT clinic, and an X-ray imaging machine to strengthen medical care capacity of private organizations that provide free medical services for migrant workers in Korea, together with the provision of medical equipment such as sonogram machines, bone densitometers in addition to medicine and medical supplies. Despite the challenging times of limited medical care activities caused by the prolonged COVID-19 pandemic, KOFIH provided mobile clinic vehicles over 20 occasions to seven groups/organizations in 2021, leading to 2,037 cases of medical treatment in total for 1,262 migrant workers in Korea. Apart from cooperation with existing medical volunteer organizations, proactive efforts were made to identify additional demand for medical services, following which KOFIH provided regular medical care for 133 migrant workers. In addition, KOFIH partnered with the Human Resources Development Service of Korea to promote the “Visiting Healthcare Support Service” for migrant workers at small businesses in local communities including the eastern and northern parts of Gyeonggi Province and provided medical services, COVID-19 self-test kits and household medicine, and quarantine and disinfection services for 693 workers at 27 workplaces. These efforts were accompanied by efforts to promote the mental health of migrant workers. In connection with the migrant worker support program of a private organization, medical devices for mental health analysis (medical device that monitors stress by measuring brain waves) were provided to two organizations and approximately 200 people on average per month used the device for the measurement of stress. The satisfaction level among migrant workers who received free medical care was 95.9 percent, 0.9 percent higher than the goal (95 points). The number of free medical care support provided was 23 cases, 8 cases more than the goal (15 cases per year), thereby contributing to expanding access to healthcare services for migrant workers.

Free medical care for migrant workers in Korea

Mobile clinic vehicles
20 times supported
(Number of recipients : 1,262 persons)

Number of small businesses visited by “Visiting Healthcare Support Service”
27 workplaces



Free dental care for migrant workers at the mobile dental clinic vehicle

❷ Providing Healthcare Information, Supporting Vaccinations and Training Project Staff

Since 2010, KOFIH has been supporting the production and provision of multi-language health information materials, providing support for vaccinations, and providing health management education for employees in charge of migrant worker-related programs with the aim to enhance the right to health and expand access to healthcare services.

As part of the response to COVID-19, KOFIH worked together with the Korea Disease Control and Prevention Agency and the Ministry of the Interior and Safety to distribute translated versions of epidemiological investigation reports (three versions, five languages), an immunization screen questionnaire (three versions, six languages), and an infectious disease inquiry form in various languages. These efforts were followed by support for essential vaccinations to prevent infectious diseases. To this end, 1,900 doses of influenza vaccines were provided to 19 organizations and 8,400 face masks and thermometers were supplied for children of migrant workers.

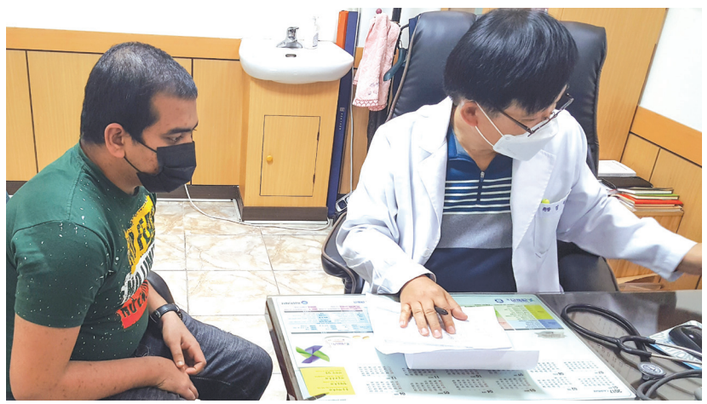
Based on the content from multi-language health information brochure “My Health Keeper,” KOFIH created six videos that contain health information about high blood pressure, vaccination, hip exercise, etc., into 14 languages and posted on an online platform to improve access to health information and expand zero-contact support.

Capacity-building education for healthcare management was provided to employees in charge of migrant worker management programs at private organizations through the online platform K-MOOC (universal public education platform). As such, the new subject “Understanding of Healthcare Support that Needs to be Known by Employees in Charge of Projects for Migrant Workers” was newly established this year, and with the introduction of the final evaluation test to improve the level of understanding in the lectures, 121 people out of 187 enrollments completed the course. The total number of attendees increased by 20 percent from last year (101 attendees).

Creation of and support for multi-language health information media

Multilanguage health brochure “My Health Keeper” made into six videos into 14 different languages

6 videos
14 languages



Influenza vaccination screen questionnaire for migrant workers

Healthcare Support Program for Overseas Emergency Relief

Nurturing the Healthcare Workforce to Provide Medical Support for Disaster-stricken Countries



First joint training of KDRT-related organizations in the first half of the year

KOFIH is recruiting and dispatching a team of medical workers named the Korea Disaster Relief Team (KDRT) under the Overseas Emergency Relief Act, as a workforce to be dispatched at the government-wide level in the event of large-scale damage caused by disasters in overseas countries. Though the KDRT has not been dispatched since the relief activities in response to the Xe Pian-Xe Namnoy Dam collapse in Laos in 2018, in order to maintain the medical team’s competence, online refresher education courses for professionals were developed at a standard commensurate with mandatory education and training requirements for overseas emergency medical team as recommended by the World Health Organization in 2020. The prolonged continuation of the COVID-19 pandemic in 2021 placed restrictions on public gatherings, making it difficult for medical staff to engage in face-to-face training. Therefore, offline training courses were converted into online courses to improve access for participants. As a result, three training courses were provided over the course of ten months, and 591 employees in the healthcare sector and ordinary volunteers alongside 72 private volunteers comprising medical workers registered as members of the KDRT completed the courses. KOFIH has been maintaining a close cooperative relationship with the KDRT’s partner organizations such as the Ministry of Foreign Affairs, the Ministry of Health and Welfare, the National Fire Agency, the Korea International Cooperation Agency, the National Medical Center, the National 119 Rescue Headquarters through participation in regular consultative meetings and joint training sessions. A joint simulation training session to prepare for the KDRT’s dispatch in the occurrence of disaster in a foreign country was conducted online and the KDRT’s readiness was examined based on action plans before, during, and after the dispatch of each team to prepare for disaster response activities. A total of 663 participants undertook the online training course for overseas emergency relief medical teams, marking an increase of 330 percent compared to the last year (154 trainees). By expanding access to online courses to include ordinary healthcare workers, healthcare students, etc., KOFIH raised the profile of the KDRT’s medical staff and an interest in overseas emergency relief activities.

KDRT

Conducting joint simulation training with relevant organizations in preparation for dispatching the KDRT

Completion of online training courses by overseas emergency relief medical teams

Total **663** persons

(Increase by 330% from 2020)



Second round of joint training session of KDRT-related organizations in first half of the year

Healthcare Resources Support Project

Spreading Resources and Sharing Knowledge

❶ Program to Support Donated Medical Supplies

Since 2007, KOFIH has received donations of medical supplies (medical equipment, medicine, medical consumables, etc.) and provided them to foreign governments and institutions in need, and domestic voluntary medical groups dedicated to improving health of the vulnerable. Through the effort, KOFIH aims to contribute to fostering a culture of sharing medical supplies. Twelve donors including Evergreen donated a total of 1,772,440 pieces of medical supplies (worth of KRW 590M, or USD 450,000) to KOFIH including 15 units of medical equipment, 61,415 medicines, 1,711,010 medical consumables while KOFIH received contributions of 900,000 KF-masks (worth of KRW 316M, or USD 240,000) for COVID-19 prevention. In terms of assistance to provide, a total of 281,293 pieces including 105,977 medicines, 174,566 medical consumables (worth of KRW 470M, or USD 360,000) were given to 28 private organizations such as Korea Support Center for Foreign Workers. Assistance was provided to six countries including Mongolia and Cambodia internationally and migrant workers residing in 15 regions such as Gwangju and Gimhae domestically. In addition, KOFIH supported preventive supplies to fight against COVID-19 such as 47,000 antiviral nasal sprays designed to prevent COVID-19 (worth of KRW 106M, or USD 81,000) to nine Support Centers for Foreign Workers across the nation.

The value of collected donations stands at KRW 509 million (USD 390,000) this year, 79% increase (KRW 262M, or USD 200,000) from last year's KRW 328 million (USD 250,000). Satisfaction surveys averaged 94.6 which were conducted each year of supported groups. "KOFIH Sharing Center" located in Yangju, Gyeonggi Province where medical supplies keep stored went through regular safety inspection and repair (changing transformer in electrical room) to enhance its safety.

Group	Support provided
International	165,364 medical supplies such as medicine were supported to 7 countries (including Mongolia, Myanmar, Cambodia, etc.) through 8 support groups
Domestic	115,650 medical supplies such as medicine were supported to 20 organizations supporting migrant workers in Korea in 15 regions (Gwangju, Gimhae, Deagu, etc.)



A partner group (Raphael Clinic) complimentarily provided medical treatment and prescribed medications for migrant workers in Korea.

Size of Supported Medical Supplies

7 foreign countries (Mongolia, Myanmar, etc.)
Supported **165,364** pieces

15 domestic regions (Gwangju, Gimhae, etc.)
Supported **115,650** pieces

❷ Medical Equipment Operation and Management Project for Partner Countries

KOFIH has supported partner countries to improve their operation and management environment of medical equipment and enhance capacity of local biomedical engineers since 2011.

KOFIH helped repair broken medical devices and conduct preventative inspections targeting nine institutions from five countries (Tanzania, Cambodia, Uzbekistan, the Philippines, Vietnam) using local medical equipment engineers. Since overseas trip is not allowed due to COVID-19, technical advices on maintenance were provided in contactless manners and components necessary for maintenance and repair were supported (1,616 pieces, 157 kinds).

Plus, history data was built on medical equipment maintenance in 24 supported institutions from 10 countries to lay the foundation for effective project outcome management and computerized management of medical equipment.



Repairing broken medical devices and conducting preventative inspections using local medical equipment engineers

PPP Projects (CCK-supported Projects)

Adding Cooperation to Healthcare Support

❶ Health System Strengthening Project in Bun Tay and Nyot U Districts, Phongsaly Province, Lao PDR

KOFIH seeks to contribute to enhancing the healthcare system in Bun Tay and Nyot U Districts, Phongsaly Province in Lao PDR by providing reproductive, maternal, newborn, and child healthcare (RMNCH) services to women of reproductive age, pregnant women and children therein. To improve accessibility of community residents to RMNCH services, necessary facilities were renovated such as delivery room, doctor's consultation room in community hospitals and 90 pieces of equipment (44 kinds) were supported for obstetric and infant care including fetal heart rate monitoring device and monitors. Training about theory on clinical skills, ultrasound, handling different delivery scenarios was also carried out targeting 20 staffs engaged in general obstetrics (10 days) and 8 in obstetric emergencies (96 days) to build their capacity.

❷ Healthcare Support Project for Children of Female Marriage Migrants Returning to Vietnam

Since 2019, medical check-ups, medical care services and education on health information have been given to female marriage migrants who returned to Vietnam or the equivalent caregivers, and their Korean children living in Can Tho City and its neighboring 12 provinces in southwest regions of Vietnam (Mekong delta region) with relatively lower quality and accessibility of medical services. By identifying beneficiaries based on local community cooperation, 121 times of medical treatment services were provided through community medical centers. Meanwhile, online-based health education to fight against COVID-19 and physical activity courses were also delivered to 197 people in order to facilitate physical development and strengthen muscles of children.

❸ Capacity Building Project of Pediatric Newborn Healthcare Services in Cambodia

A project was implemented to build clinical capacity of pediatrics and enhance the integrated management capacity of child diseases targeting healthcare workers in community hospitals located in 4 provinces of Cambodia (Banteay Meanchey, Siem Reap, Kampong Thom and Stung Treng). Practical training was given in regard to basic and intensive clinical courses on pediatrics, through which 4 doctors, 1 nurse, and 1 midwife from 4 provincial hospitals completed courses on diagnosing neonatal diseases and clinical practice on treatment/nursing services. In the meantime, through the integrated management course on child diseases, 20 medical workers completed the course after learning recent medical care for newborns under 2 months. Seventy pieces of necessary medical equipment (12 kinds) were supported to neonatal intensive care units (NICU) in three provincial hospitals including warmers, incubators, and phototherapy units.

❹ Project for Capacity Building of Laparoscopic Surgery in Komfo Anokye Teaching Hospital, Ghana

To provide quality medical services by strengthening laparoscopic surgical capacity, a project was carried out for medical workers in Komfo Anokye Teaching Hospital of Ghana. To set the groundwork for laparoscopic surgery capacity building, a training center for the surgery opened while 90 training items (10 kinds) were supported such as simulators for clinical practice. Plus, a training program on laparoscopic surgery was developed, through which 15 staffs completed refresher training.



Holding capacity building training for general obstetrics and obstetric emergencies in Laos

Activities to enhance RMNCH in Laos

Renovate necessary facilities like delivery room in community hospitals

Training staff engaged in obstetrics



Conducting education on health information for children of female marriage migrants and their caregivers returning to Vietnam

Healthcare Support Project for Children of Female Marriage Migrants Returning to Vietnam

Medical services provided
121 times

Educating on common knowledge about COVID-19

Conducting courses of physical activities for
197 people

❺ Project to Upgrade the National Prosthetic and Orthotic Center in Ghana and Build Capacity of Engineers

This project is intended to enhance quality of making prosthetics and orthotics for persons with disabilities by improving the environment of the National Prosthetic and Orthotic Center and conducting capacity building training. In order to improve the center's environment, 124 equipment and components (42 kinds) were supported which are used to make prosthetics and orthotics such as electric plaster saw while workshops for prosthetics and orthotics and facilities in a sewing room went through renovation. For capacity building, 26 engineers specialized in making prosthetics and administrative workers received patient management education (7 hours) and preventive education on infectious diseases (14 hours). Along with it, education was provided to 19 staffs on how to use and manage tools to make prosthetics and orthotics.

Supporting prosthetic and orthotic equipment and components to the National Prosthetic and Orthotic Center in Ghana for persons with disabilities



124 items
(**42** kinds) supported

❻ First Reconstructive Microsurgery Capacity Building Project for Pediatric Burn Patients in Uzbekistan

A support project of improved reconstructive microsurgery was conducted for children with disabilities arising from burn in the National Children's Hospital and three base hospitals dedicated to children in Tashkent, Uzbekistan. Supported items include 95 instruments (8 kinds) for micro-reconstructive practices and surgeries along with 313 auxiliary equipment (4 kinds). Aside from this, 53 times of skills practices were implemented on reconstructive microsurgery using chickens and mice. Each doctor recorded 213 hours in performing surgeries to strengthen expertise. Based on this, a total of 38 reconstructive microsurgeries were assisted targeting pediatric patients suffering from burn, external injuries, congenital diseases with success rate of reconstructive microsurgery recording 78.9%, far exceeding the target of 60% by 18.9%.



Conducting first reconstructive microsurgery for pediatric burn patients in Uzbekistan

Success rate of reconstructive microsurgery for pediatric burn patients in Uzbekistan

78.9 %

❼ Project to Improve Quality of Life for Pediatric Patients with Congenital Malformation of Male External Genitalia (Hypospadias) in Uzbekistan

This project aims to provide improved opportunities in surgery to pediatric patients suffering from congenital malformation of male external genitalia in five regional children's hospitals in Uzbekistan (Tashkent, Samarkand, Andijan, Fergana, and Qarshi). By hosting six rounds of capacity building training workshops, 158 attendees got educated on basic and complicated genitalia malformation surgeries. Along with this, 42 items (23 kinds) necessary for hypospadias surgery were supported such as headlamps and small surgical instruments and a total of 56 pediatric patients underwent operations on their malformation. As a result, the success rate of basic and complicated hypospadias surgery rose to 100% each, surpassing the targets by 10% and 25%, respectively.



Supporting hypospadias surgery in Uzbekistan

Number of Uzbek pediatric patients receiving support of hypospadias surgery

56 persons

❽ Project to Support Supplies for Partner Countries to Prevent COVID-19

KOFIH implemented a project receiving designated donations from the Export–Import Bank of Korea in 2020 as part of social contribution. This project is designed to prevent spread of the infectious disease in partner countries by supporting preventive supplies to fight against COVID-19. Based on this project, KOFIH supported 350 consumables (10 kinds) to diagnose the coronavirus to the Ministry of Health of Ethiopia so as to forge stronger partnership with the partner country.

❾ Evaluation and Research on International Healthcare Support Projects

To improve project performance, evaluation was made of 35 international healthcare support projects initiated from 2016 to 2018 with support from Community Chest of Korea (CCK). Based on the evaluation, KOFIH sought to draw feedback tasks. The tasks were reflected as nine KOFIH country offices adopted quarterly monitoring for stable project implementation, which set the groundwork for strategic planning and systematic performance management.

Evaluating international healthcare support projects

35 projects

Dr Lee Jong-wook commemorative projects

Inheriting a passion for international healthcare

Dr. Lee Jong-wook, the first Korean to lead an international agency and the 6th Director-General of the World Health Organization (WHO), created the Strategic Health Operations Center (SHOC) at the WHO during his terms and devoted himself to eradicating diseases such as poliomyelitis and AIDS. Upholding his legacy, KOFIH has conducted many commemorative projects.

Established in coordination between KOFIH and the WHO, Dr LEE Jong-wook Memorial Prize for Public Health has been jointly presented to a person or persons, an institution or institutions who have made an outstanding contribution to public health during a session of the annual World Health Assembly (WHA) since 2008.

A documentary film was also produced depicting his life. Featuring interviews of his colleagues, friends and acquaintances, the film newly shed light on the life and achievement of Dr. Lee. In addition to this, a biography of the Director-General was released. Unlike the existing biography illustrating his life and work at the WHO from a foreigner's perspectives, the new version is assessed to show the whole life of Dr. Lee in varied ways through in-depth research. The new biography was distributed to major libraries and high schools to help the public and adolescents easily access and read the book. "Dr LEE Jong-wook Global Young Frontier Program" which started since 2009 aims to set the ground to nurture the next Dr. Lee Jong-wook. It annually supports partial grants to the young Koreans accepted to an internship program of an international organization so as to cover their expenses. Up until 2019, 71 persons from a total of 15 classes participated in the program. Unfortunately, however, the program has been temporarily on hold since 2020 as COVID-19 restricted recruitment of new interns. This year, a survey was conducted to the beneficiaries who joined the program before, which helped set the groundwork to plan how to run an alumni association. In addition, they shared their experience with the public in the interviews delivered through the online KOFIH channel. As a result of the effort, the brand awareness of Dr. Lee stood at 38.2%, 8.3 increase from the 2019 survey result.



Hosting a book concert to celebrate publication of Dr. Lee's biography

Major activities to commemorate Dr. Lee Jong-wook

- Presenting Dr LEE Jong-wook Memorial Prize for Public Health
- Producing a documentary film
- Publishing a biography about Dr. Lee's life

Brand awareness of Dr. Lee Jong-wook

Achieving **38.2** %

Comparing Year-on-year Operational Outcomes

1. Comparing Outcomes on a Project Group Basis

Group	Budget (KRW million)		Rate (out of total budget)	
	2020	2021	2020	2021
ODA project budget	37,381	49,800	73.4%	71.4%
Non-ODA budget	4,598	8,769	9.0%	12.6%
Others *Operating expenses of CCK-supported projects, operating expenses of the foundation, and etc.	8,956	11,211	17.6%	16%
Grand Total	**50,935**	**69,780**	**100**	**100**

2. Comparing Outcomes on a Project Region Basis

Region	No. of Country (Project)		Budget (KRW million)		Rate (out of project budget)	
	2020	2021	2020	2021	2020	2021
Asia (including Sakhalin)	9	9	18,484	23,653	44.0%	40.4%
Africa	5	5	6,247	10,814	14.9%	18.5%
Europe (Germany, Rumania)	1	2	170	4,159	0.4%	7.1%
Multi-countries	7	9	15,786	18,538	37.6%	31.6%
North Korea	-	-	58	53	0.1%	0.1%
Domestic	-	-	1,234	1,352	3%	2.3%
Grand Total			**41,979**	**58,569**	**100**	**100**

3. Comparing Budget on a Project Category Basis

Project Category	Budget (KRW million)		Rate (out of project budget)	
	2020	2021	2020	2021
Primary Healthcare System Strengthening Project	11,723	13,824	27.9%	23.6%
Training Courses for Healthcare Professionals such as Dr LEE Jong-wook Fellowship Program	8,811	11,235	21.0%	19.2%
Responses to COVID-19	5,772	8,843	13.7%	15.1%
Operation and Management Consulting for Health Facilities	3,544	7,094	8.4%	12.1%
Establishing the Medical Equipment Maintenance System	4,960	3,492	11.8%	6.0%
Strengthening Capacity of Communicable Disease Control	1,669	3,343	4.0%	5.7%
Improving Control of Non-communicable Diseases (NCDs)	150	2,661	0.4%	4.5%
Health System Strengthening Project Focused on Emergency Medical Service	1,695	1,623	4.0%	2.8%
Promoting International Cooperation	0	1,510	0.0%	2.6%
Project Evaluation and Development	870	1,234	2.1%	2.1%
Healthcare Support Program for Overseas Koreans	970	966	2.3%	1.6%
Healthcare Support Program for Migrant Workers in Korea	595	790	1.4%	1.3%
Health Insurance Policy Consulting Project	150	664	0.4%	1.1%
Healthcare Resources Support Program	630	565	1.5%	1.0%
Clinical Healthcare Services	0	350	0.0%	0.6%
Dr LEE Jong-wook Commemorative Projects	232	232	0.6%	0.4%
Healthcare Support Program for Overseas Emergency Relief	150	90	0.4%	0.2%
Healthcare Support Program for North Korea	58	53	0.1%	0.1%
총 합계	**41,979**	**58,569**	**100**	**100**

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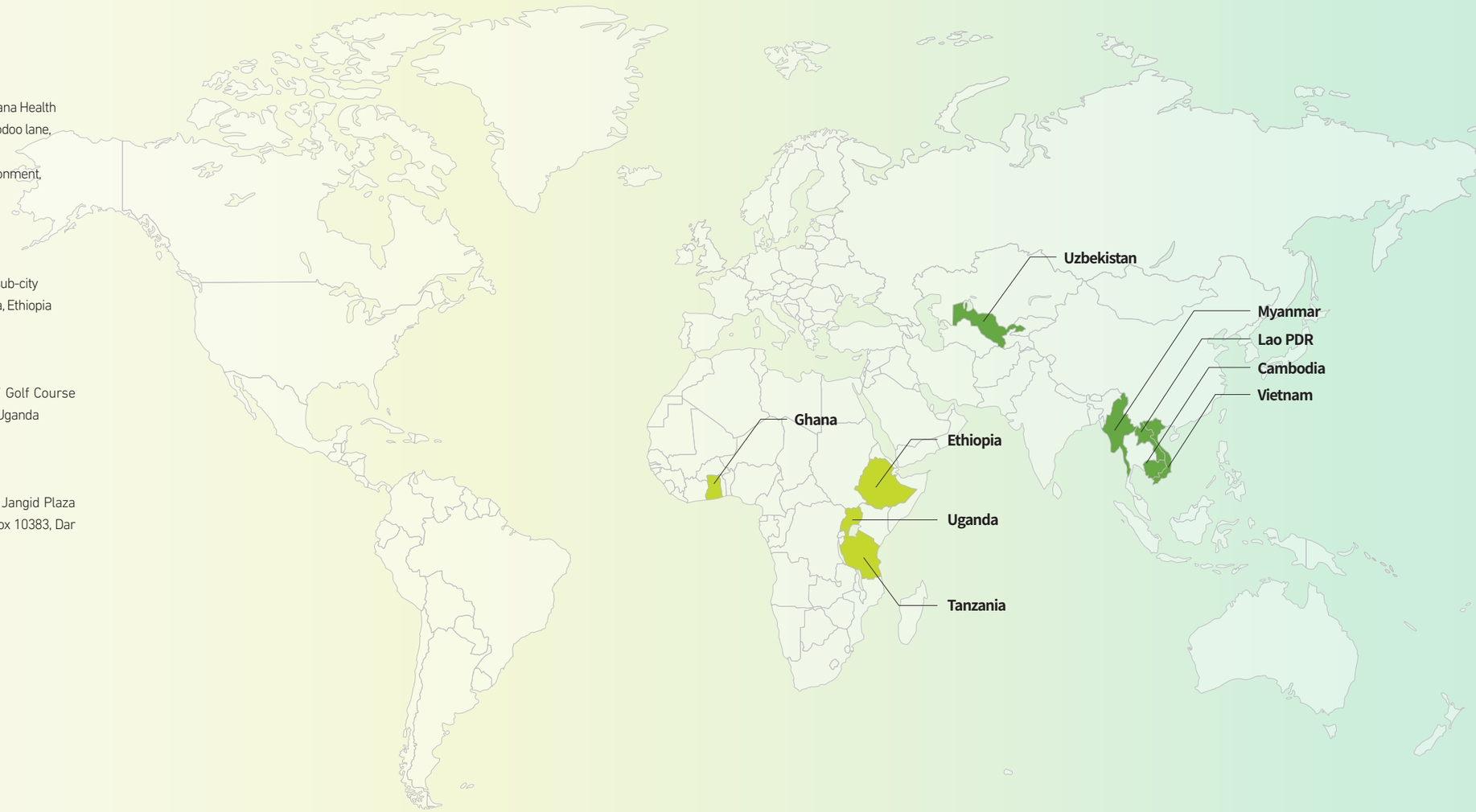
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