

**Most Immediate**  
**By Special Messenger**

No.12(3)/2002-ASA (IL-I)  
Government of Pakistan  
Ministry of Science & Technology  
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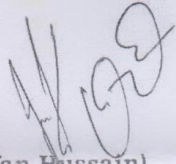
Islamabad, the 28<sup>th</sup> October, 2024.

Subject: - **Pak-Korea Development Cooperation Programs in the field of Science and Technology**

I am directed to enclose herewith Embassy of the Republic of Korea Islamabad's reference No. KEPA-2024/222/FM dated 24<sup>th</sup> October, 2024 along with its enclosure regarding the above subject matter.

2. You are requested to furnish concrete proposals regarding the subject matter to this Ministry at the earliest, please.

Encl: **(as above)**.

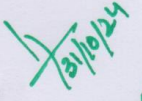
  
(Irfan Hussain)  
Scientific Officer (IL)  
Tel: 9201815

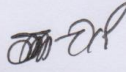
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- APS to JSA (IL), MoST.

  
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EMBASSY OF THE REPUBLIC OF KOREA  
ISLAMABAD

KEPA-2024/222/FM

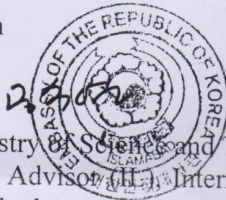
The Embassy of the Republic of Korea to the Islamic Republic of Pakistan presents its compliments to the Ministry of Science and Technology of the Islamic Republic of Pakistan and has the honor to convey a copy of a letter from the Ministry of Science and ICT (MSIT) of the Republic of Korea.

The Embassy has further the honor to inform the latter that the Ministry of Science and ICT (MSIT) of the Republic of Korea is running various development cooperation programs aimed at strengthening ICT capacity. The MSIT seeks to identify the interest of countries wishing to participate in these programs. If you wish to participate, please submit the relevant documents, including an official letter expressing your willingness to cooperate in these programs, to the Embassy of the Republic of Korea by no later than **November 17, 2024**.

The Embassy of the Republic of Korea to the Islamic Republic of Pakistan avails this opportunity to renew to the Ministry of Science and Technology of the Islamic Republic of Pakistan the assurances of its highest considerations.

Encl: Copy of letter from Ministry of Science and ICT (MSIT) of the Republic of Korea; Development Cooperation Programs of the MSIT; Detailed information (Appendix 1-13)

Islamabad, Pakistan  
24<sup>th</sup> October, 2024



To: Secretary, Ministry of Science and Technology, Islamabad  
Cc: Joint Scientific Advisor (JSA), International Liaison Wing, Ministry of Science and Technology, Islamabad  
Section Officer (SEA), Economic Affairs Division, Ministry of Economic Affairs, Islamabad  
Director (EAP-I), Ministry of Foreign Affairs, Islamabad

By No. 1017 ISA (HC)  
Dated 28-10-2024

*Pl. Discuss DSACIL -1) Zain*  
*As discussed get proposals from SET Org. (NUST, CUI)*





Ministry of Science and Technology  
Islamic Republic of Pakistan

October 18, 2024

As a responsible member of the global community, the Ministry of Science and ICT (MSIT) of the Republic of Korea has been running various development cooperation programs to strengthen ICT capacity and lay the foundation for sustainable economic development in partner countries. Under this platform, there are several sub-programs:

- 1) ICT Development Consultation Program** to support the development of ICT policies
- 2) Information Access Center Project** for ICT education
- 3) Korea ICT Leadership Program** to support forums for strengthening cooperation networks among countries
- 4) AI Data Ecosystem Development Project** to develop a data classification model and data platform, and to train operators and administrators
- 5) Digital Public Service Innovation Project** to integrate the latest ICT technologies into public administration addressing social issues and innovating public services
- 6) Supporting Improvement of the Broadcasting Environment** by providing broadcasting facilities and relevant training
- 7) AI Digital Spectrum Management Capacity Building Program** to improve the systematic management and utilization of spectrum resources
- 8) K-Lab Setup and Operation Project** to establish and operate Korea Fabrication Laboratory (K-Lab), share digital technology and knowledge, and utilize digital fabrication machines to strengthen the digital innovation capabilities of the younger generation
- 9) Korea Leader's Information Network** to build capacity in ICT
- 10) Korea AI Digital Innovation Flagship (KADIF) Project** to strengthen the AI and digital ecosystems in partner countries, laying the foundation for 'technology-driven' economic growth
- 11) ICT Cooperation with MDBs** to cooperate with MDBs for project in the field of cybersecurity
- 12) Global Cybersecurity Gym Setup and Operation Project** for trainees to foster highly qualified local cybersecurity experts
- 13) Establishment of Research Labs** to enhance the science and technology capacities of partner countries by renovating or establishing research facilities
- 14) Joint Research Project** to address regional issues by developing appropriate technologies through collaborative research

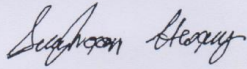
The MSIT would like to identify the demand from countries wishing to participate in these programs. If you intend to participate, please submit the related documents including an official letter from *your coordinating organization, typically the ministry or agency in charge of ODA in your country,*

expressing your country's willingness to cooperate in the programs, *to the Embassy of the Republic of Korea by November 17, 2024.*

*All documents should be submitted via the coordinating organization in charge of ODA in the partner country.* For detailed information, please refer to the introduction of each sub-program. The partner countries for these programs will be determined according to domestic procedures.

Thank you in advance for your interest.

Sincerely yours,



Hwang Sunghoon  
Director General  
International Cooperation Bureau  
Ministry of Science and ICT  
The Republic of Korea



## Development Cooperation Programs of the MSIT

### I. Overview

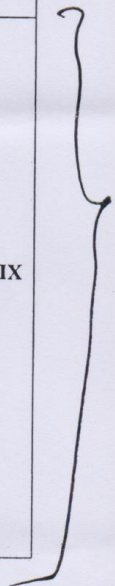
The Ministry of Science and ICT (MSIT) has been implementing the Development Cooperation Program, which is comprised of sub-programs respectively conducted by Korean government-funded agencies with the aim of promoting and ensuring opportunities in partner countries.

Sectors	Sub-programs	Detailed Information
Information and Communications Technology (ICT)	<b>1) ICT Development Consultation Program</b> <i>The ICT Development Consultation Program aims to accelerate the sustainable socioeconomic growth and development of partner countries by sharing Korea's development experiences. To achieve its aims, the program's consulting team analyzes each partner country's ICT development status by considering all possible factors, such as economic, social, and technological factors. Based on this analysis, the consulting team recommends the most appropriate strategy that emphasizes the partner country's strengths and opportunities.</i>	APPENDIX 1
	<b>2) Information Access Center (IAC) Project</b> <i>The IAC is a multifunctional facility that includes an ICT training lab, Internet lounge, seminar room, and administrative office, aiming to offer local communities a wide range of opportunities for ICT enablement and to bring them into the information society. The partner country can apply to newly establish an IAC or apply for the maintenance for existing IAC in its country.</i>	APPENDIX 2, 2-1, 2-2.
	<b>3) Korea ICT Leadership Program</b> <i>Korea ICT Leadership Program (KoIL) invites policy-makers, CIOs, public officials, and experts to share ideas on the application of emerging technologies and issues reflected on national policies and plans, so that participants address challenges in public services through ICT technologies.</i>	APPENDIX 3
	<b>4) AI Data Ecosystem Development Project</b> <i>The project includes status analysis, developing a data classification model and a data platform, and training operators and administrators from 2026 to 2029. To understand the data ecosystem in Korea, please refer to the World Bank publication "Enabling Data-Driven Innovation— Learning from Korea's Data Policies and Practices for Harnessing AI."</i>	APPENDIX 4
	<b>5) Digital Public Service Innovation Project</b> <i>This project aims to integrate the latest ICT technologies into public administration to address social issues and innovate public services. The pilot project includes establishing an Information</i>	APPENDIX 5-1, 5-2

	<i>Strategy Plan (ISP), implementing and operating a pilot digital public service, and training operators and administrators from 2026 to 2027.</i>	
	<b>6) Supporting Improvement of the Broadcasting Environment</b>	<b>APPENDIX 6</b>
	<i>This program provides broadcasting facilities and technical training to ensure opportunities for quality broadcasting services in partner countries as well as long-term capacity building for the improvement of the global broadcasting environment.</i>	
	<b>7) AI Digital Spectrum Management Capacity Building Program</b>	<b>APPENDIX 7</b>
	<i>This program aims to improve the systematic management and utilization of spectrum resources in developing countries. The program contributes to public benefits and government revenue by ensuring that spectrum resources are efficiently managed through advanced digital technologies, particularly AI.</i>	
	<b>8) K-Lab Setup and Operation Project</b>	<b>APPENDIX 8-1, 8-2, 8-3</b>
	<i>The Korea Fabrication Laboratory (K-Lab) is a maker space where anyone can turn their ideas into real prototypes using digital fabrication machines such as 3D printers, laser cutters, and CNC routers. The mission of K-Lab is to train youth, particularly college students in developing countries, by sharing advanced digital techniques and knowledge of digital fabrication machines, thus strengthening digital innovation capability. K-Lab will provide educational programs and training courses for ICT innovation, focusing on idea generation and problem solving.</i>	
	<b>9) Korea Leader's Information Network</b>	<b>APPENDIX 9, 9-1</b>
	<i>Through the National IT Industry Promotion Agency (NIPA), MSIT runs the Korea Leader's Information Network (K-LINK), which invites officials from the government and public institutions of partner countries to Korea for training lasting from one to ten weeks to build individual capacities in ICT policy and technology. The training course includes lectures, site visits, and business meetings. Since 1988, K-LINK has offered courses to approximately 5,550 participants from 155 countries. In order to participate in this program, each person must submit an application personally through the following website: <a href="https://www.klink.or.kr/en/pages/main/index.jsp">https://www.klink.or.kr/en/pages/main/index.jsp</a>.</i>	
	<b>10) Korea AI Digital Innovation Flagship (KADIF) Project</b>	<b>APPENDIX 10-1, 10-2</b>
	<i>The KADIF project aims to strengthen AI and digital ecosystems in partner countries, laying the foundation for 'technology-driven' economic growth. Its primary goals are to establish a sustainable AI and digital cooperation system, create skilled jobs through advanced technology education, and enhance efficiency in government and private sectors by utilizing AI and digital technologies.</i>	

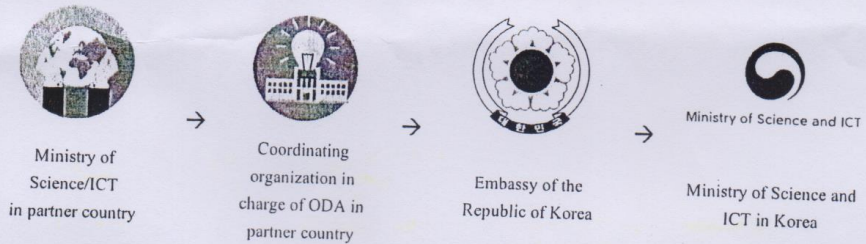


	<p><b>11) ICT Cooperation with MDBs</b></p> <p><i>ICT Cooperation with MDBs collaborates with multilateral development banks such as the World Bank, the Inter-American Development Bank (IDB), and the Central American Bank for Economic Integration (CABEI) to support ICT and cybersecurity technology policies, provide assistance and advice for enhancing the capabilities of developing countries, and establish a global network in the field of cybersecurity.</i></p>	<p><b>APPENDIX 11</b></p>
	<p><b>12) Global Cybersecurity Gym Setup and Operation Project</b></p> <p><i>The Global Cybersecurity Gym is a training space to foster highly qualified local cybersecurity experts and help the trainees develop localized security products. The mission of Global Cybersecurity Gym is to train youth, particularly college students in developing countries, by sharing advanced techniques and knowledge of cybersecurity in a step-by-step, tailored manner. This gym will provide educational programs and management mentoring services for youth and local enterprises in developing countries on topics such as Korea's K-shield programs.</i></p>	<p><b>APPENDIX 12</b></p>
	<p><b>13) Establishment of Research Labs</b></p> <p><i>The Establishment of Research Labs program aims to enhance the science and technology capacities of partner countries by renovating or establishing research facilities in universities and research institutions. The program supplies and installs advanced research equipment, facilities, and software based on the specific needs of a partner country and provides support with the operation, maintenance, and technical training necessary for these facilities and equipment.</i></p>	<p><b>APPENDIX 13</b></p>
<p><b>14) Joint Research Project</b></p> <p><i>The Joint Research Project aims to address regional issues by developing appropriate technologies through collaborative research with partner countries.</i></p> <p><i>This initiative supports the planning and conducting of joint research between universities or institutions of both countries to analyze scientific and technological challenges in priority research areas and develop relevant technologies. It also facilitates the creation of cooperative outcomes in science and technology.</i></p>		
<p><b>Science &amp; Technology (S&amp;T)</b></p>		



## II. Guidelines for Submitting a Proposal

A ministry that wishes to participate in the programs should first submit a proposal to the coordinating organization in charge of ODA in the partner country. Then, the coordinating organization should deliver the ministry's proposal with an official letter expressing the willingness to cooperate in the programs.



Upon receiving the documents, the relevant Korean agencies will review the submitted proposals and conduct a feasibility study for the partner country. Based on the results of the feasibility study, the MSIT deliberates on the final project selection.