

 Early Warning System

ADB-59363-001

Reaping the Benefits of Artificial Intelligence for Service Excellence in  
Health (RAISE Health)



## Quick Facts

<b>Countries</b>	Bangladesh, Indonesia, Pakistan
<b>Financial Institutions</b>	Asian Development Bank (ADB)
<b>Status</b>	Approved
<b>Bank Risk Rating</b>	U
<b>Voting Date</b>	2026-02-19
<b>Borrower</b>	Regional - Asian Development Bank
<b>Sectors</b>	Education and Health, Technical Cooperation
<b>Investment Type(s)</b>	Grant
<b>Investment Amount (USD)</b>	\$ 0.95 million
<b>Project Cost (USD)</b>	\$ 0.95 million



### Project Description

According to the Bank's website, the proposed TA will enhance the understanding and accelerate the deployment of artificial intelligence (AI) applications in health among ADB developing member countries (DMCs). It will improve the readiness of health systems to adopt AI applications towards more equitable access and efficient delivery of quality health services. The TA will be implemented initially in Bangladesh, Indonesia, and Pakistan, to help survey the possible use cases of AI in primary care, hospital care, health professional education, and health insurance; and strengthen these countries AI governance frameworks, procurement systems, research and development, technology transfer and commercialization. The TA will deliver knowledge products to support project processing and implementation including: (i) PAK: Punjab Nursing and Health Workforce Reform Program (indicatively \$150m for 2025 approval); (ii) BAN: health digitalization support project (indicatively \$250m for 2026 approval), (iii) INO: Supporting Essential Health Actions and Transformation (\$350m, ongoing) and (iv) INO: Teaching Hospitals Expansion Project (indicatively \$650m for 2027 approval).

The application of AI has the potential to substantially improve efficiency, quality, and equitable access to healthcare services. AI applications leveraging big data analytics, deep learning, natural language processing, and robotics are improving diagnostic and treatment capabilities. These technologies are rapidly unlocking new possibilities in drug discovery and personalized medicine. On the other hand, the adoption of AI can also support the health system transition to a new paradigm of proactive health maintenance and management instead of reactive disease treatment, enabling accelerated progress towards universal health coverage.

Three trends are important underlying the AI applications developed for the health sector. First, advances in image processing and pattern recognition allow medical equipment to become "smart", boosted by AI's ability to generate diagnoses at the point of care. These have been applied in many clinical fields including cervical and other types of cancer screening, radiological imaging, ophthalmology, dermatology, and high-resolution microscopy. Such clinical decision support would allow a rural primary care clinic lacking pathologists or other experienced specialists to perform the essential screening or initial diagnosis accurately. In more advanced clinical settings, AI can greatly enhance the accuracy of certain treatments including robotic surgery, endoscopy, and radiotherapy.

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Second, the text, image, and language processing capacities of generative AI can help automate a substantial part of the administrative tasks for health professionals, saving time for patient care and improving the efficiency and quality of doctor-patient interaction, and preventing burnout that is common among health professionals in both primary care and hospitals. Similarly, significant efficiency gains can be expected by applying AI to health insurance management which results in reduced



## Investment Description

- Asian Development Bank (ADB)

The TA financing amount is \$950,000, which will be financed on a grant basis by People's Republic of China Poverty Reduction and Regional Cooperation Fund.



## Contact Information

*No contacts available at the time of disclosure.*

## ACCESS TO INFORMATION

You can submit an information request for project information at: <https://www.adb.org/forms/request-information-form>

ADB has a two-stage appeals process for requesters who believe that ADB has denied their request for information in violation of its Access to Information Policy. You can learn more about filing an appeal at: <https://www.adb.org/site/disclosure/appeals>

## ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: <http://www.adb.org/site/accountability-mechanism/main>.