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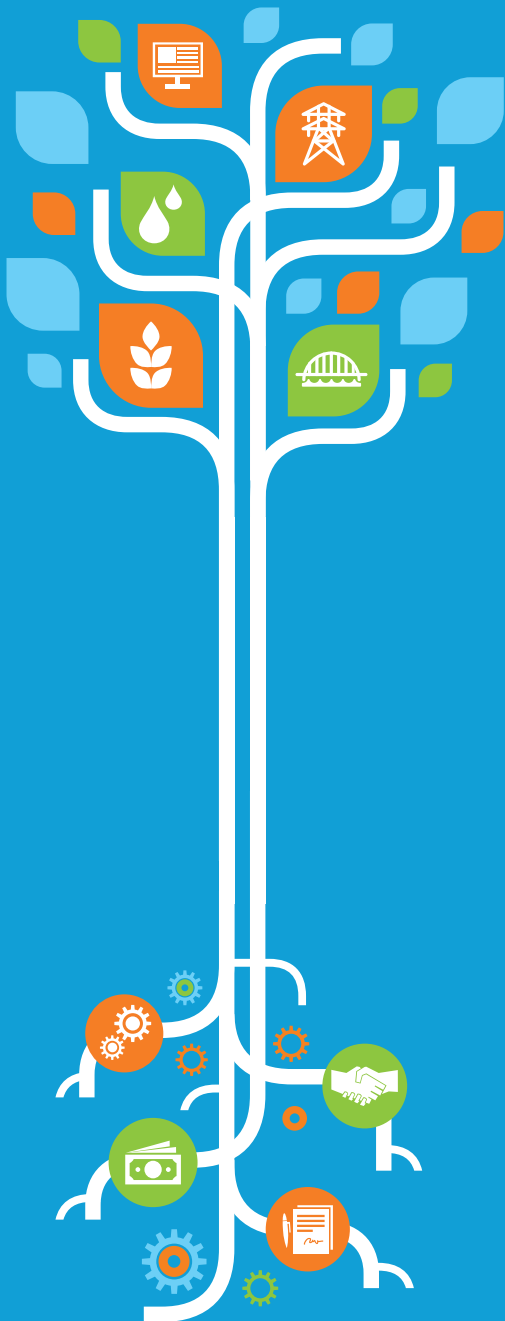
ADB

# Health

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BUSINESS  
OPPORTUNITIES



# Health support during the pandemic

- Emergency assistance – rapidly mobilised grants and technical assistance
- COVID-19 Pandemic Response Option (CPRO), April 2020 – USD 20 billion
  - Supported government economic, health and social protection measures in response to COVID-19
  - Loans of \$1.5 billion each for Philippines + Indonesia, followed by Thailand, Cambodia, Myanmar
- Asia Pacific Vaccine Access Facility – USD 9 billion
  - Vaccine procurement
  - Vaccine delivery systems
- Technical assistance – health workforce capacity building, risk communications, community mobilisation, vaccine manufacturing
- Regional Vaccine Advisory Group

# Lingering impacts of the pandemic

- Demand for and utilization of health systems
- Health system supply issues
- Scaling up lessons learned and applying new innovations
- Long-term impacts e.g. fiscal effects, restoring trust, health insurance, endemic COVID-19 with persistent needs for vaccines, therapeutics



# Continuing trends

- Demographic change
- Urbanization
- Changing trends in who make health-related decisions
- **Digitalization**



# Outlook

- Increased spending on health – address health system gaps highlighted by COVID-19 pandemic, improve preparedness, achieve UHC
- Multisectoral / integrated approaches
- More demand for knowledge products

# Health sector strategic framework

- Governance and policy – regulation, legislation, stewardship, accountability
- Health workforce – managerial, clinical, technical
- Health architecture – material and information infrastructure, supply chains
- Financing and incentives - public and private sectors

\* CROSS-CUTTING PRIORITIES: Climate / environment ; Gender



# Essentials for Digital Health Implementation

## How does health data become health information?

- Recognition that digital health requires the implementation of the same ‘nation-building’ modules in both high- and low-income countries (e.g. leadership, infrastructure, supply chains, population database, unique identifiers etc.)
- Build ecosystems and don’t ‘do’ projects -> policy- and results-based lending



# Digital Health Implementation Guide

## STRAND 1 : Leadership and Governance

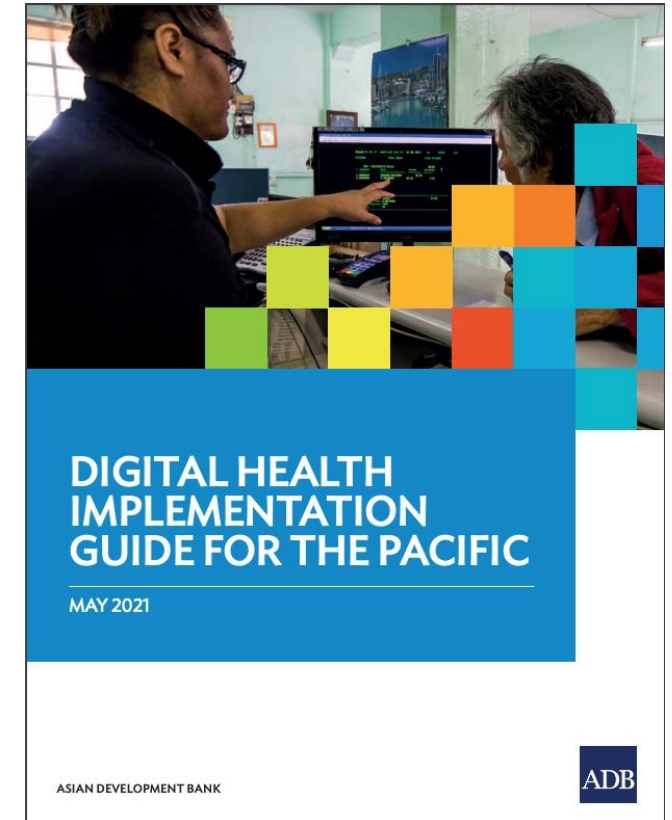
- Laying the groundwork
- Policies and strategies
- Preparing for action

## STRAND 2 : Analytics and Innovation

- Data Use and Analytics
- Healthcare Innovation

## STRAND 3 : Technical

- System Architecture
- Interoperability and Integration
- Security Privacy and Confidentiality
- Infrastructure, Data Centre and Storage
- Risk Management
- Patient Portals







# Essentials for Digital Health Implementation

## Implementation approaches

- Know your population (denominator)
- Integrate with communications infrastructure
- Mandate a standards-based approach
  - Strong leadership – clinical and political
  - Support workforce development – clinical and technical
  - Support interoperability, semantics and security



# The Standards and Interoperability Lab - Asia



## STANDARDS

Standards in healthcare define the set of requirements (data structure, file format, protocol, procedures, processes, systems, etc) that must be met and agreed upon by all organizations within a determined health ecosystem to deliver quality healthcare service to its people.

## INTEROPERABILITY

Interoperability in healthcare refers to a state wherein healthcare systems have the capability to talk with each other, exchange data, and use information generated from the exchange.



## Asia eHealth Information Network (AeHIN)

Training	Countries can go to SIL-Asia for training and workshops on standards and interoperability
Teaming	Countries can start building their in-country interoperability lab by partnering with SIL-Asia
Tooling	Countries can use the tools developed by SIL-Asia for their digital health implementation
Testing	Countries can go to SIL-Asia to test and certify their healthcare systems for interoperability purposes



### Covid-19 vaccine safety- From bench to bedside

**in Webinars:** Within a year of the pandemic being announced, several COVID-19 vaccines were approved and administered to populations around the world. There have been various successes and challenges related to the development and deployment of COVID-19 vaccines and there is significant...



### What can we learn from leading Covid-19 vaccine programmes? An insider look at India, UK and UAE

**in Webinars:** Vaccines offer us hope to end this pandemic. In record time, various vaccines have been approved and are being administered to people around the world. India, the United Kingdom and the United Arab Emirates have claimed a spot...



### Preparing the frontline for the COVID-19 vaccine rollout: Learning from the past – webinar recording

**in Webinars:** It's a race against time to vaccinate the world. Countries have started to vaccinate their populations and many are ready to roll out their plans. There have been numerous mass vaccination campaigns in the past within...

## Preparing for endemic COVID-19

- Optimization of existing tools
- Strengthening health services (inpatient, outpatient, home-based)
- Effective primary care / Universal Health Coverage
- Resuming movement of people safely

ADB

# New directions for ADB investments

Health investments  
hand in hand with  
other areas – **ONE  
ADB** approach

Strategic investments  
across sectors



The banner for the DigitalX ADB event features a dark blue header with the event title "DIGITALX ADB" in white, followed by navigation links: Home, About, Agenda, Speakers, Digital Experience Gallery, and Virtual Tech Expo. On the right side of the header, there are two buttons: "ADB LOG IN" for ADB PARTICIPANTS and "REGISTER AND LOG IN" for EXTERNAL PARTICIPANTS. The main body of the banner has a vibrant background of binary code (0s and 1s) in shades of blue and orange, creating a sense of digital connectivity. In the center, the "ADB" logo is displayed above the "DIGITALX ADB" title. Below the title, the text "Driving Digital Development across Asia and the Pacific" is shown, along with the dates "11-29 October 2021". At the bottom, there are two distinct call-to-action boxes. The left box, for ADB PARTICIPANTS, states "NO NEED TO REGISTER. SIMPLY LOG IN TO JOIN SESSIONS." and includes an "ADB LOG IN" button. The right box, for EXTERNAL PARTICIPANTS, states "REGISTER FIRST. USE YOUR E-MAIL AND PASSWORD TO JOIN SESSIONS." and includes a "REGISTER AND LOG IN" button.

<https://digitalx.adb.org/en/>



# Pipeline projects



# Central West Asia

- Pakistan

- Khyber Pakhtunkhwa Health Systems Strengthening Program (2022) – USD 50M, <https://www.adb.org/projects/54297-001/main>

- Uzbekistan

- Integrated Perinatal Care Project (2022 or 2023) – USD 100M, <https://www.adb.org/projects/52340-002/main>

# South Asia

- Bangladesh

- Urban health care project (2022) – USD 250M, <https://www.adb.org/projects/42177-013/main>
- Health system support programme (2022) – USD 500M

- India

- Pradhan Mantri Atmanirbhar Swasth Bharat Yojana (PMASBY) (2022-2024) - x4 projects, ~USD 1B, strengthening healthcare infrastructure e.g. new institutes (One Health, virology health research), labs, critical care services, IT-systems...

# South East Asia

- Indonesia

- Health system reform project (in preparation)

- Lao PDR

- Quality of Health Care project (2022) - <https://www.adb.org/projects/53291-001/main>

- Philippines

- Building UHC project (2023) - <https://www.adb.org/projects/55105-001/main>

- Greater Mekong Subregion

- Healthy Borders project (2022 to 2023) - <https://www.adb.org/projects/53290-001/main>





# East Asia

- PRC

- Public Health institutional capacity building project (2022) – USD 300M

- Mongolia

- Health Sector Development Project (2022, approval stage) – USD 160M



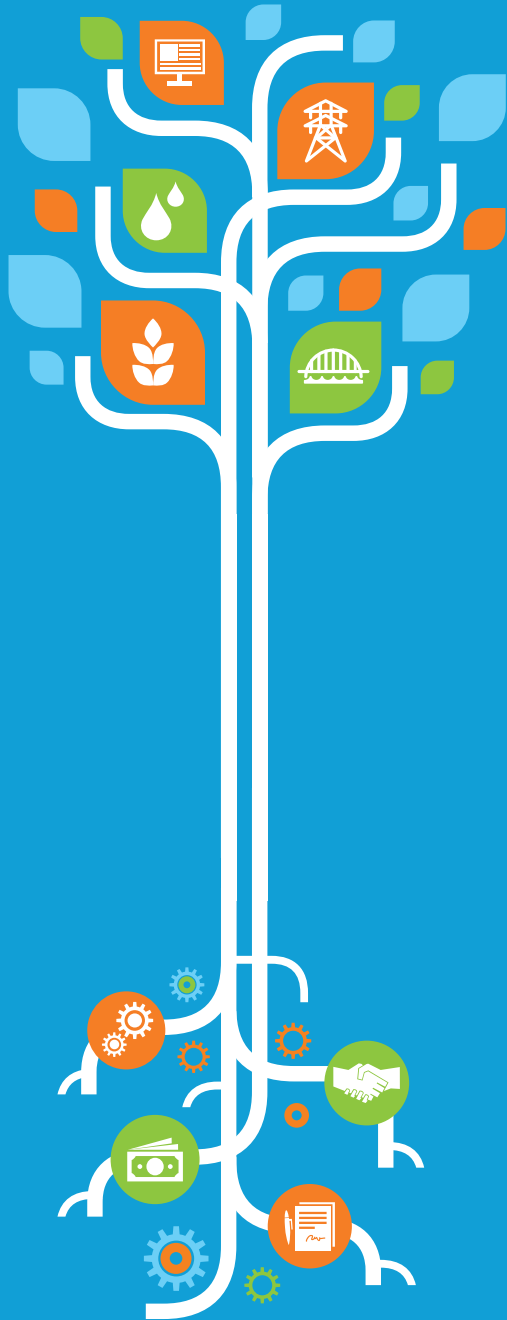
# Pacific

- Solomon Islands

- Health sector project, likely redevelopment of rural health facilities (approval Q4 2022 or Q1 2023) – USD 10M

- Kiribati

- Health infrastructure project (Q1 2023) – USD 25M, upgrades to two major hospitals



# THANK YOU!

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