



ASIA PACIFIC
PANDEMIC
PREPAREDNESS AND RESPONSE
REGIONAL FORUM



WORLD BANK GROUP



Ministry of Economy
and Finance

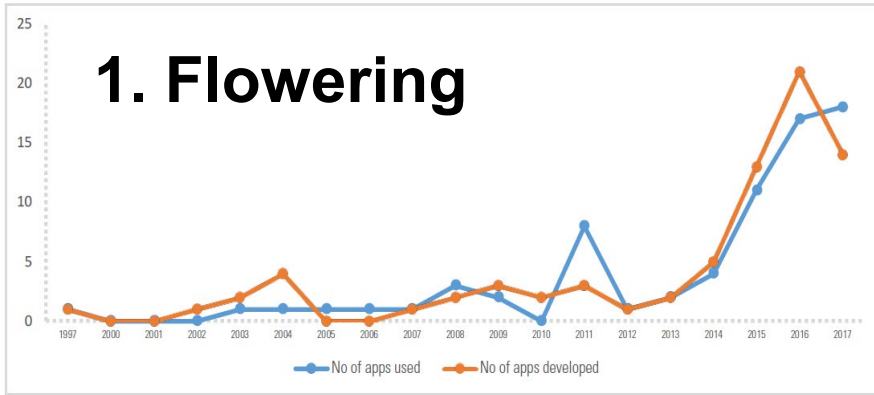
Digital-in-health: What will it take to unlock the value for everyone

Marelize Gorgens
Digital Health Lead
World Bank



The Challenge

1. Flowering



2. Financing

38% Only 29 apps have received external partner supports in the software development

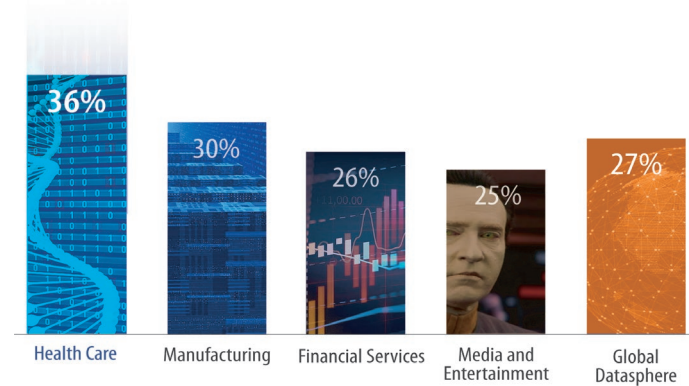
25% System maintenance and support of 19 apps (25%) is supported by partner/donor

36% Apps are financially supported by the government/internal (n=28, 36%)

62% System maintenance and support for the majority of the apps (n=48, 62%) is provided by the internal staff

22% System maintenance and support of 17 apps (22%) is supported by private company

52% Apps are financially supported by donor/partner (n=40, 52%)

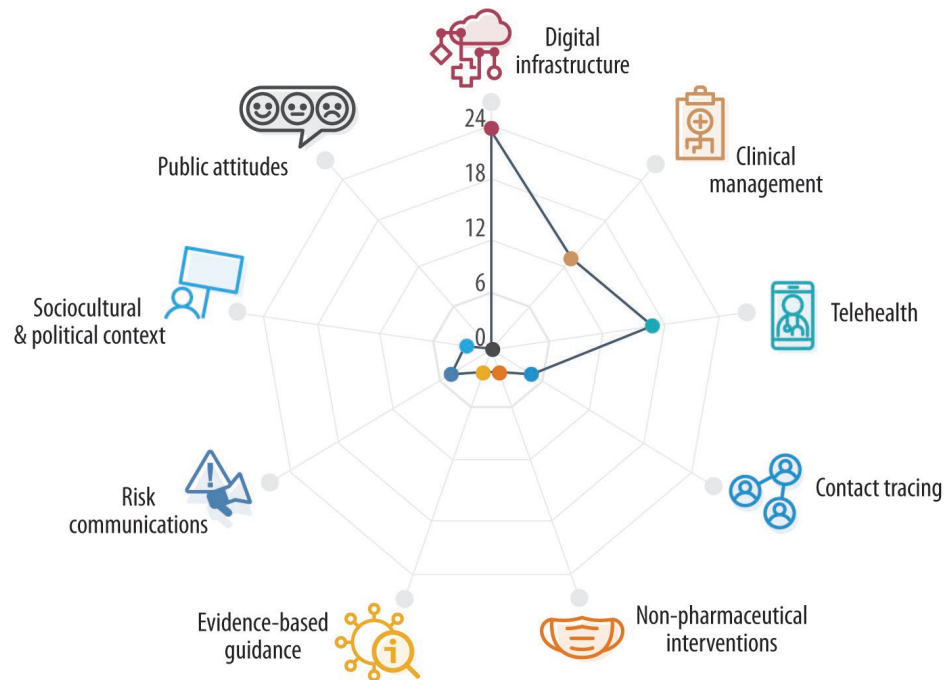
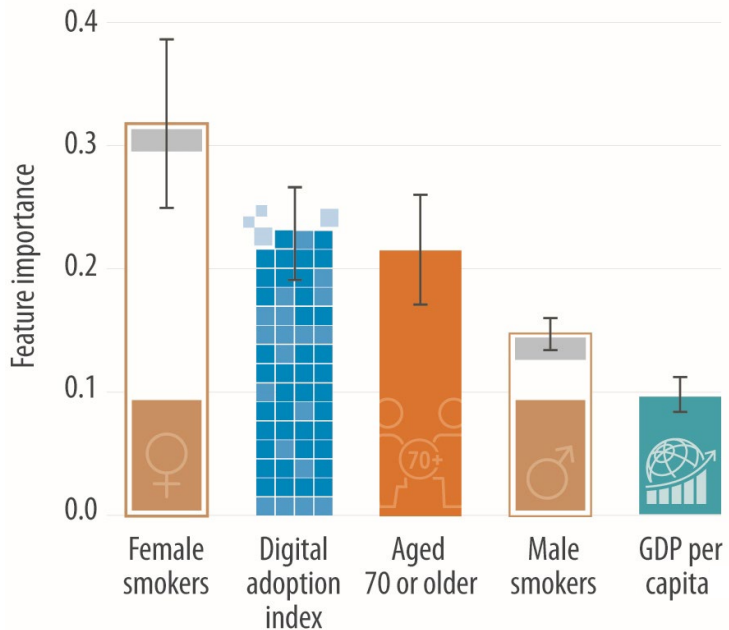


3. Fragmentation

39%
Apps send data to FMOH or its structures

Digital adoption prior to COVID 19 was key to responding better to COVID

Feature importance of total cases per million





Designed with
people at the center,
digital technology
and data are
essential for UHC
and for PPR

More people

- Reach people where they are
- Get to underserved communities
- Personalize the services that people want and need

New, more, **better**, and seamless **services**

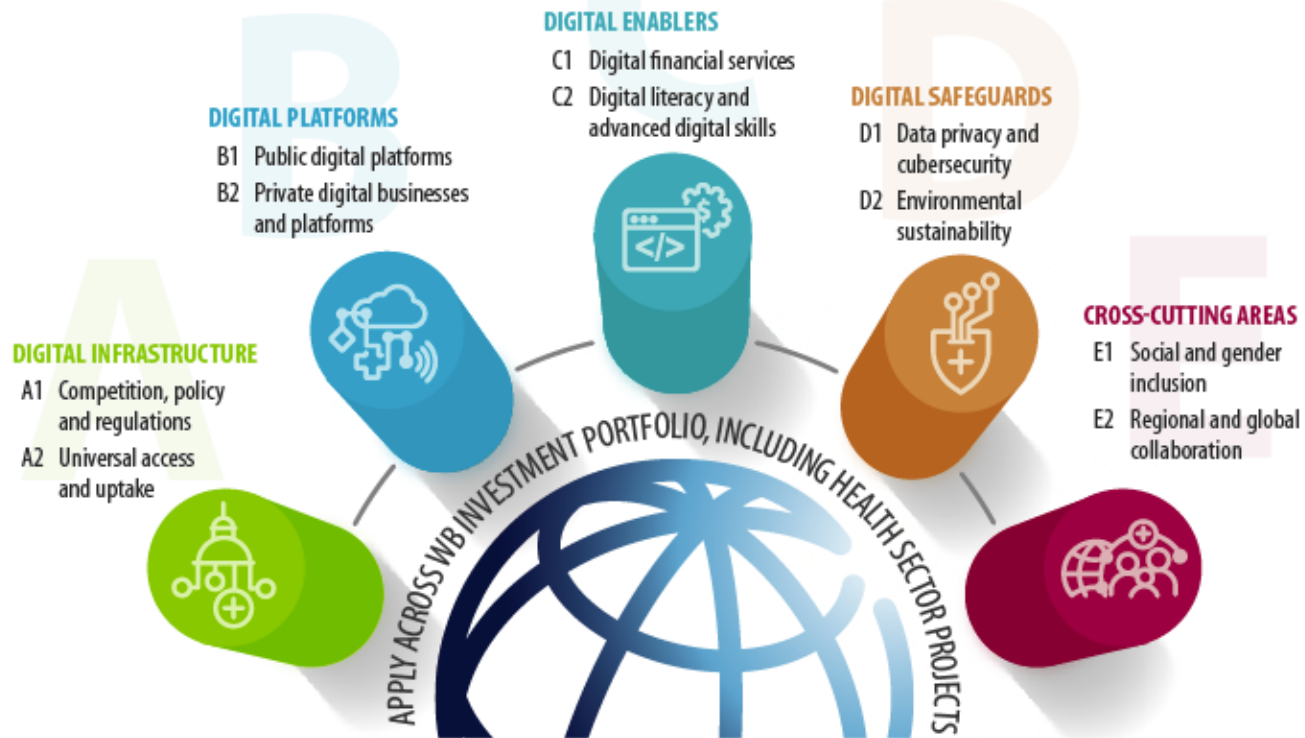
- Focus on lifestyle and chronic diseases
- Share data real time
- Expand access to screenings and medicines
- Better access to diagnostics

Less financial stress

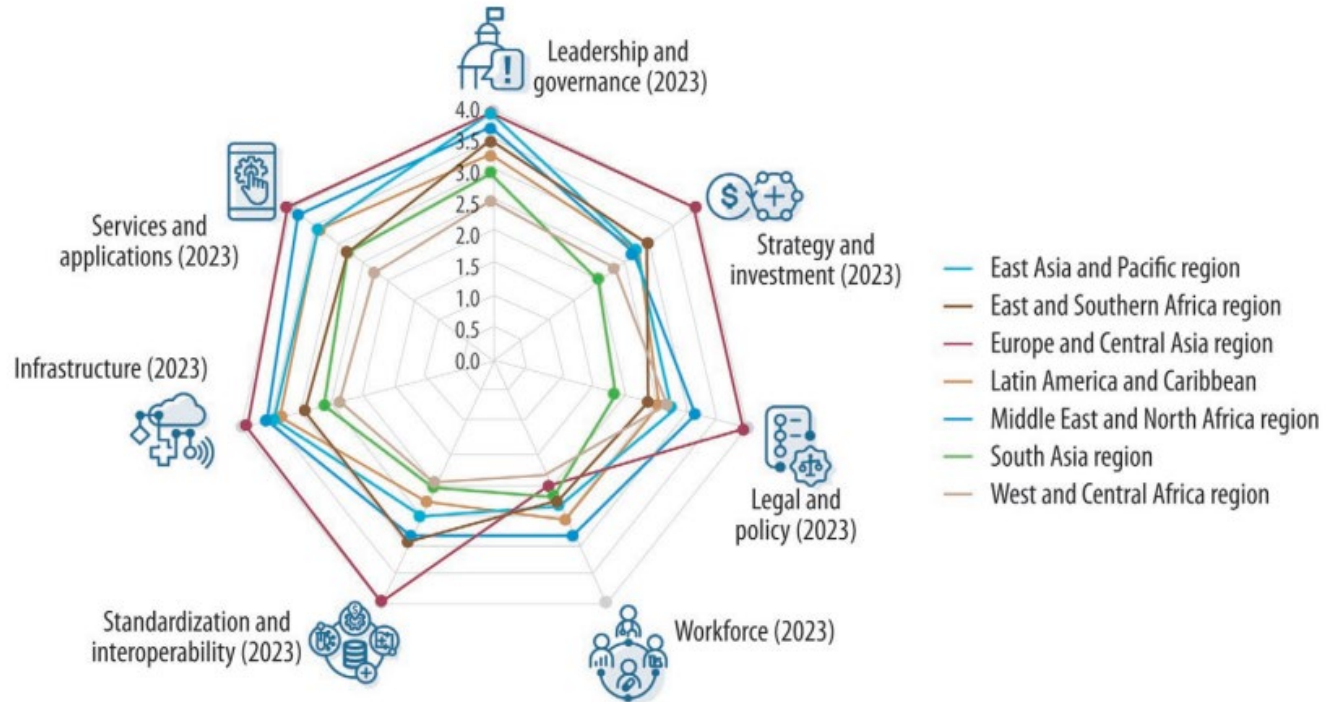
- Mobile technology for health insurance and fund transfers
- Machine learning for fraud detection at lower cost
- Avoid duplication and deliver services more efficiently



World Bank corporate imperative

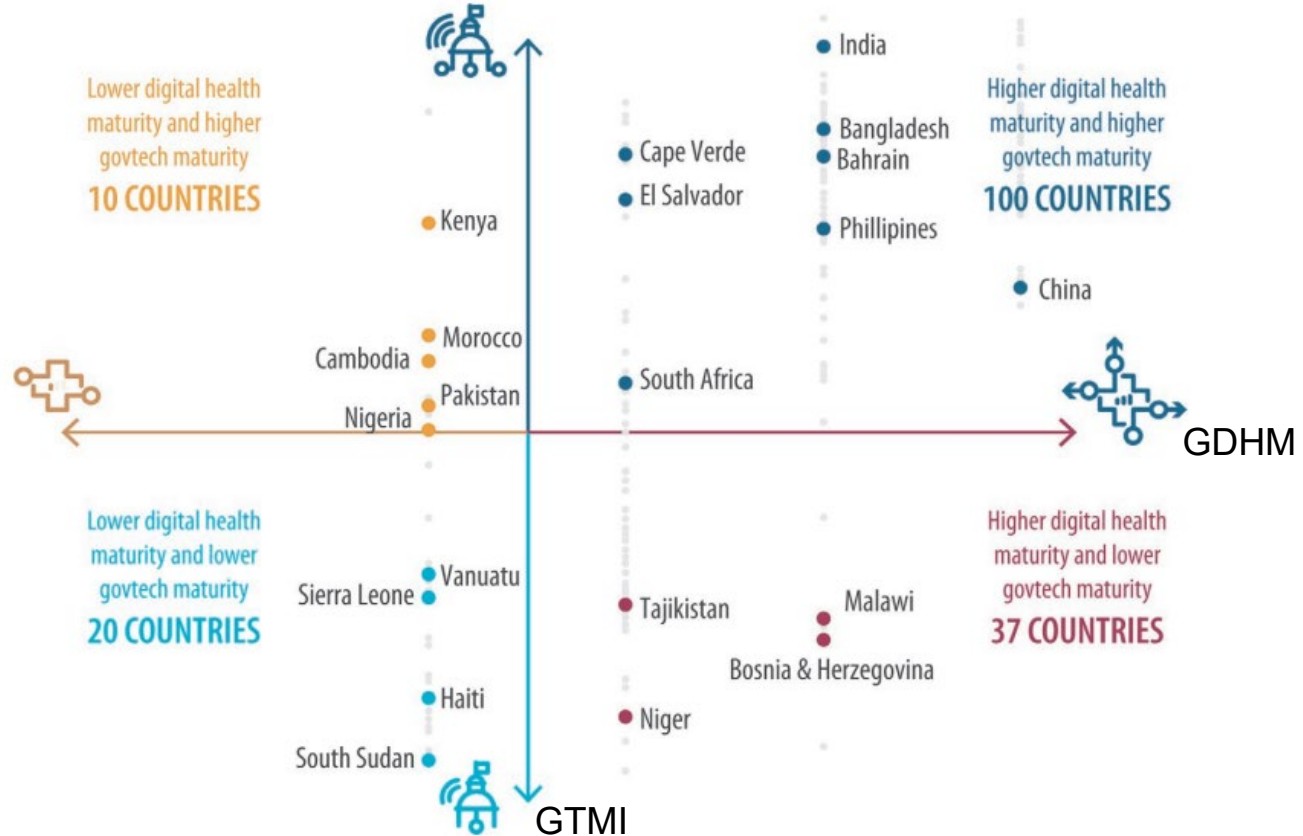


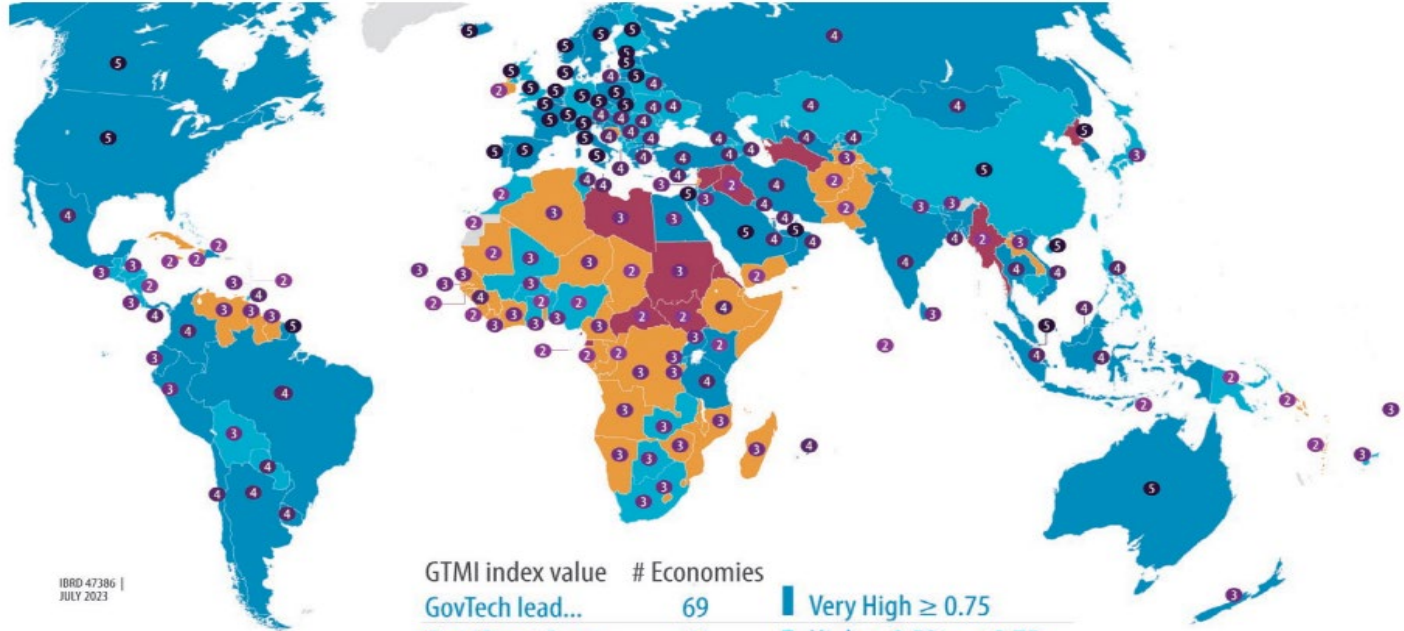
What is the current state of digital maturity?





GDHM vs GTMI





GovTech index value	# Economies	
Very High ≥ 0.75		Very High ≥ 0.75
High $\geq 0.50 - < 0.75$		High $\geq 0.50 - < 0.75$
Medium $\geq 0.25 - < 0.50$		Medium $\geq 0.25 - < 0.50$
Low < 0.25		Low < 0.25
Total	198	

GDHM phase

1	2	3	4	5
Low maturity				High maturity

Digital health maturity and maturity of wider digital transformation in countries



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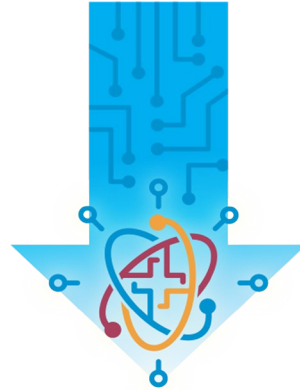


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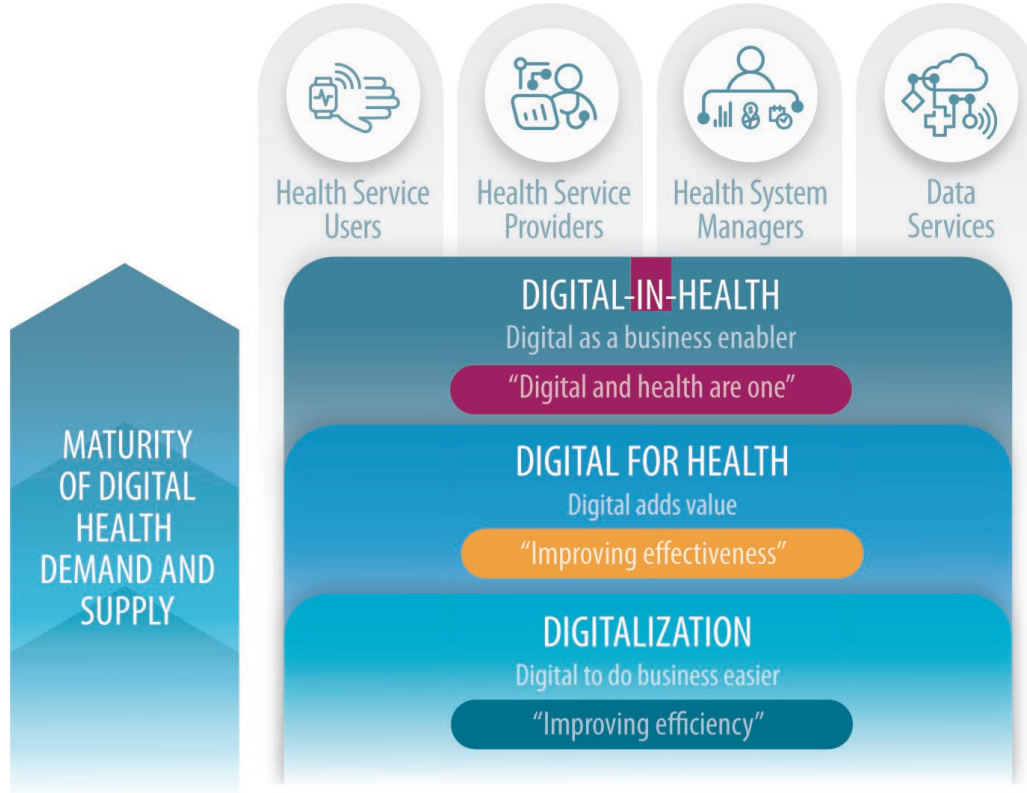


Ministry of Economy
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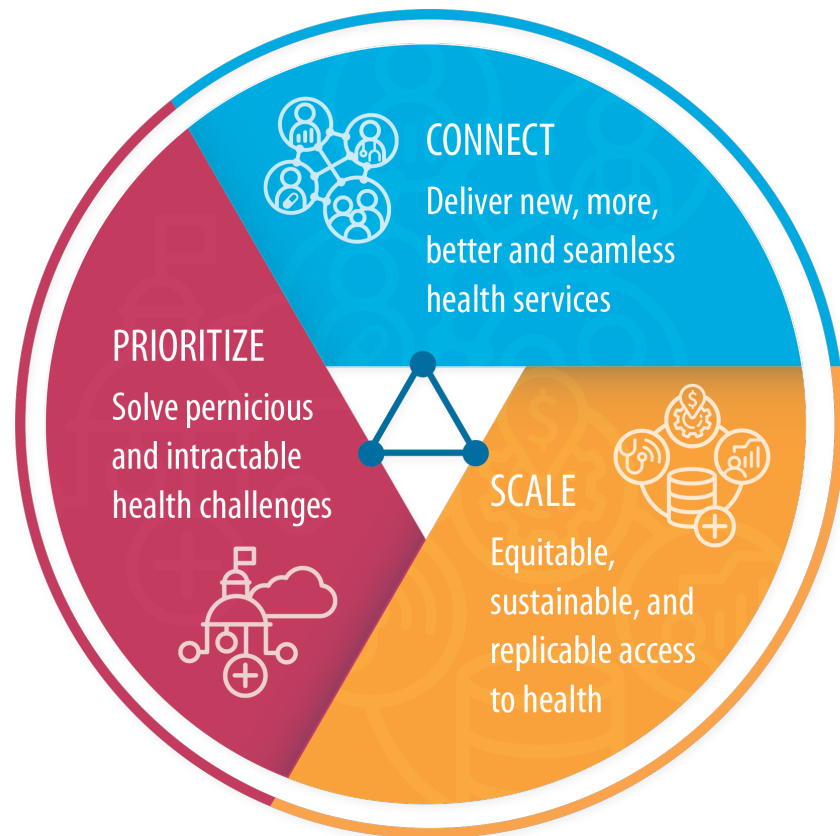
Digitalization

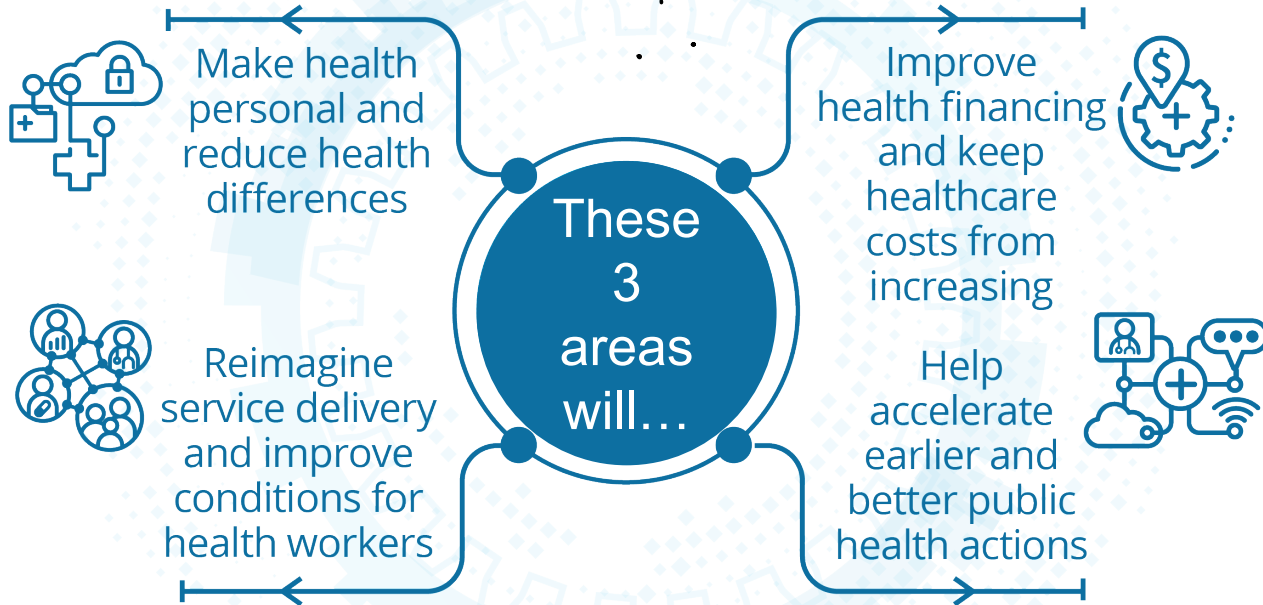


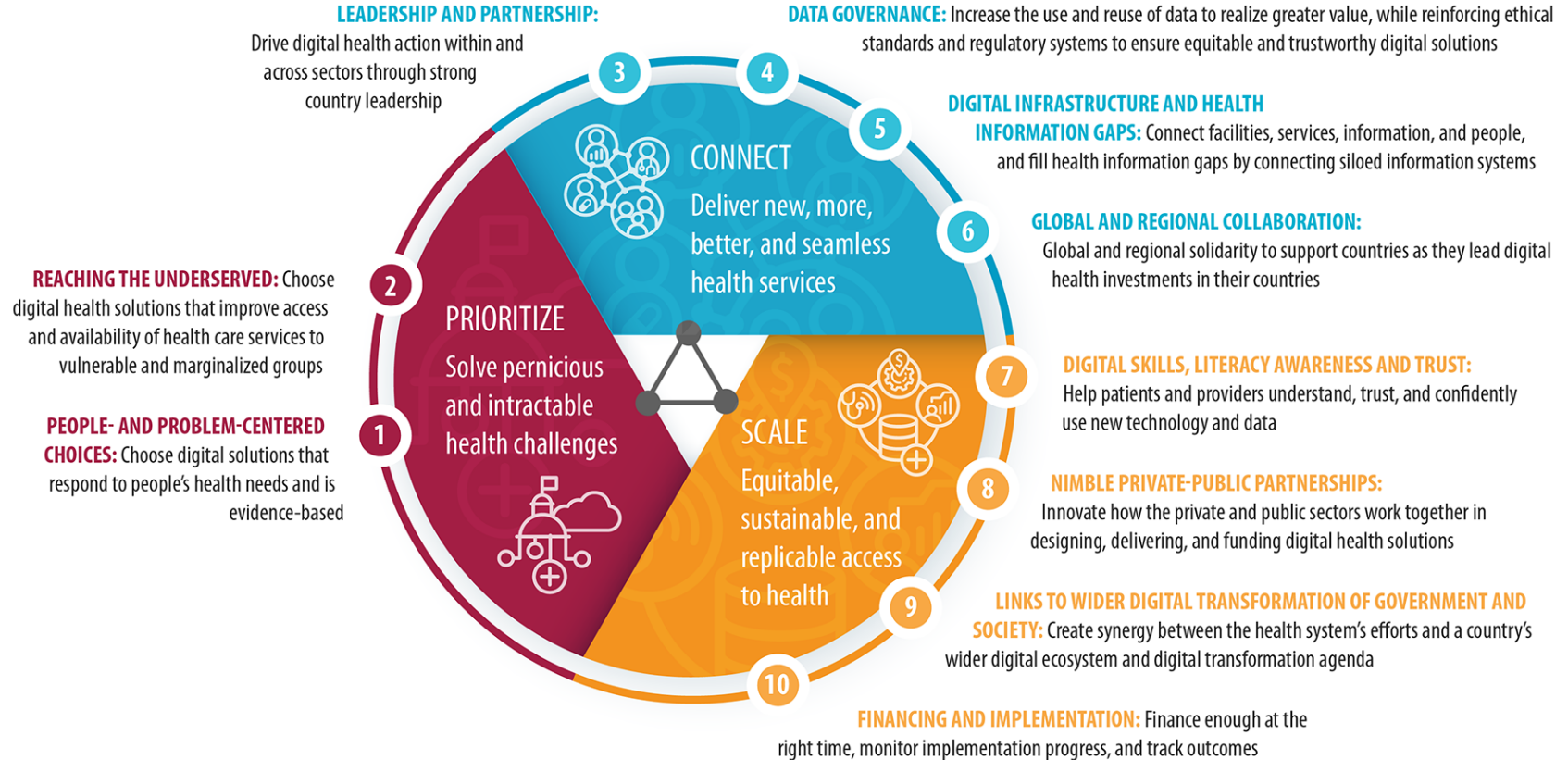
Digital-in-health



3 Essential Areas Needed to Unlock the Value of Digital Technology and Data for Everyone









Financing the Recommendations





World Bank Flagship Report: Digital-in-Health: Unlocking the Value for Everyone

Navigating the Flagship Report

This part describes how governments can use digital technologies and data to live, and enable income-generating communities that are able to resist shocks like a pandemic.



The report is structured as follows:

Chapter 1 describes the value of digital technology and data to live, and enable income-generating communities that are able to resist shocks like a pandemic.

Reflecting on the origins of technology use in health care, **Chapter 2** provides a brief history of digital technology and data in health systems, as well as the World Bank's evolving focus on digital health during the last 20 years.

Looking back, **Chapter 3** quantifies and describes the World Bank financing for digital health.

