

---

# **Strengthening Digital Health Governance and Stewardship using the Global Initiative on Digital Health (GIDH) Transformation Toolbox items**

## **Global webinar**

**27 November 2025**

**14:00-15:30 CET**

Assessment, Planning and Partnerships Team  
Insights, Capacity and Operations Unit  
Data, Digital Health, Analytics and AI (DDA) Department  
Health Systems, Access and Data (HSD) Division

---

# Opening remarks

**Dr Tedros Adhanom  
Ghebreyesus**

**Director General**



# Opening remarks

## Dr Alain Labrique

Director  
Data, Digital Health, Analytics and AI (DDA)  
Department  
Health Systems, Access and Data (HSD) Division  
World Health Organization  
Geneva, Switzerland



# **Message from the Commonwealth**

**Janneth Mghamba**

Health Advisor  
Commonwealth Secretariat



---

# Setting context on Digital Health Transformation

---

# The State of Digital Health Transformation

**Dr Derrick Muneene, Team Lead**

Data, Digital Health, Analytics and AI (DDA) Department  
Health Systems, Access and Data (HSD) Division  
Assessments, Partnerships and Planning  
World Health Organization  
Geneva, Switzerland



# Summarised storyline : 20 years of eHealth / digital health

**WHA58.28 on eHealth**  
Consider drawing up a long-term strategic plan for developing and implementing eHealth services promote equitable, affordable and universal access to their benefits



2005

05

2013

05

2018

05

11

NOW

2023

2025

2027

2030



**WHA66.24 on eHealth standardization and interoperability**

Consider developing... policies and legislative mechanisms linked to an overall national eHealth strategy



**WHA71.7 Digital health**

Develop... in close consultation with Member States and with inputs from relevant stakeholders... a global strategy on digital health, identifying priority areas including where WHO should focus its efforts".

**Triple billion targets**



**2030 SDGs**

**IMPLEMENTATION**

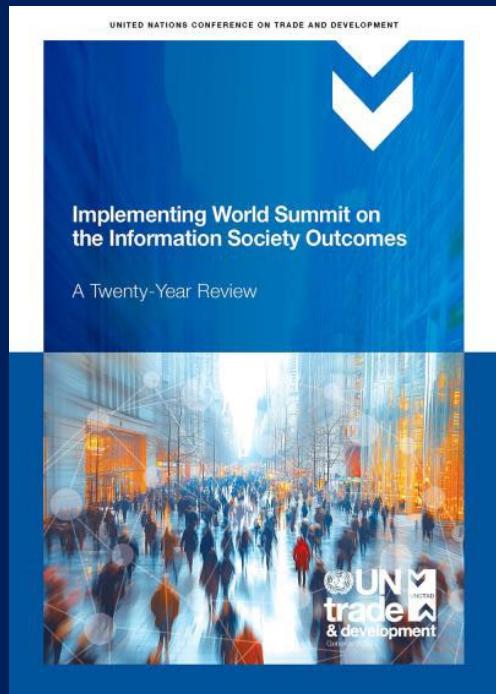
Global Strategy  
on Digital Health  
2020-2025



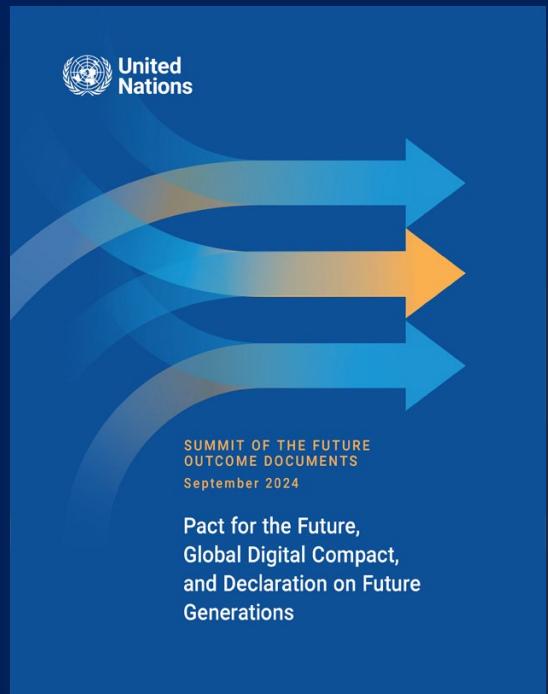
**Global strategy on digital health 2020-2025**

Improve health for everyone...affordable, scalable digital health and wellbeing...support equitable access to quality health services...implication for access, cost, quality of digital solutions

# Member State Driven Global Actions on Digitalization



20 years of  
UN led international  
cooperation on Digital



Global Digital Compact  
& Summit of the  
Future



Global Strategy on  
Digital Health

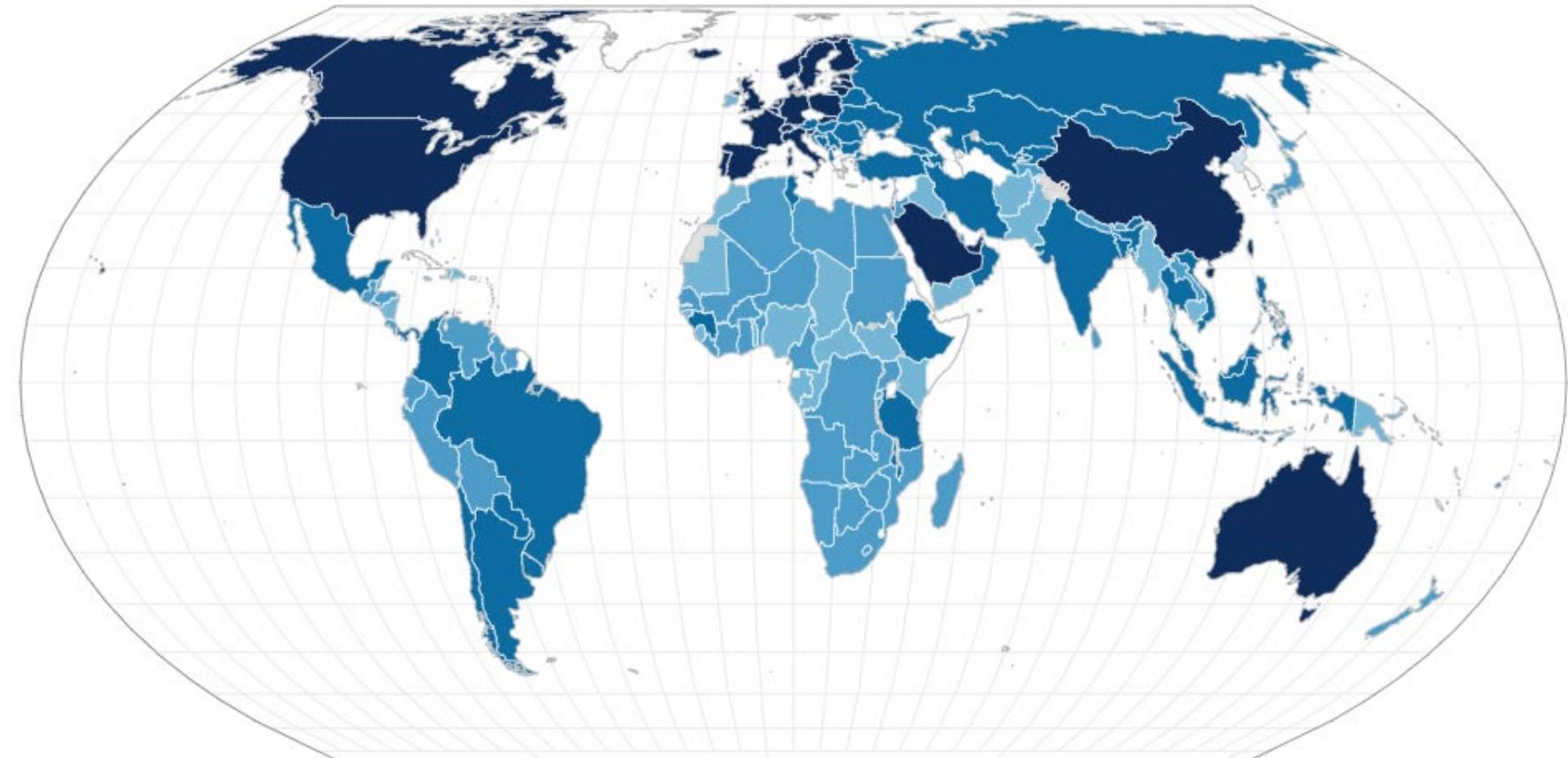


UN Broadband Commission  
marks 15 years of promoting  
global connectivity and  
digital inclusion

# Global Strategy on Digital Health (GSDH): Objectives



# More than 129 countries have a Digital Health Strategy, but inequitable global progress



# The Enabling Environment: Seven Building Blocks

## Leadership and Governance



Strategy and Investment



Services and Applications



Standards and Interoperability



Infrastructure



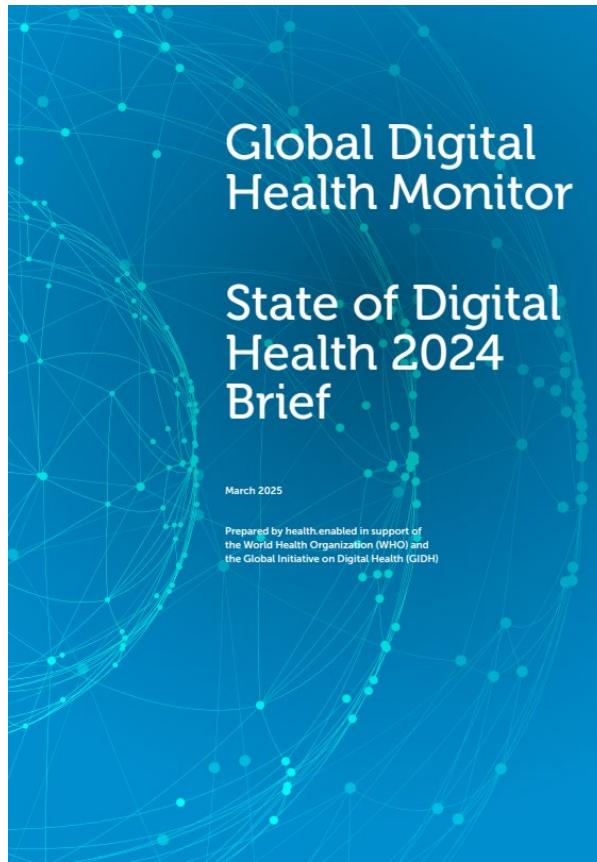
Legislation, Policy, and Compliance



Workforce

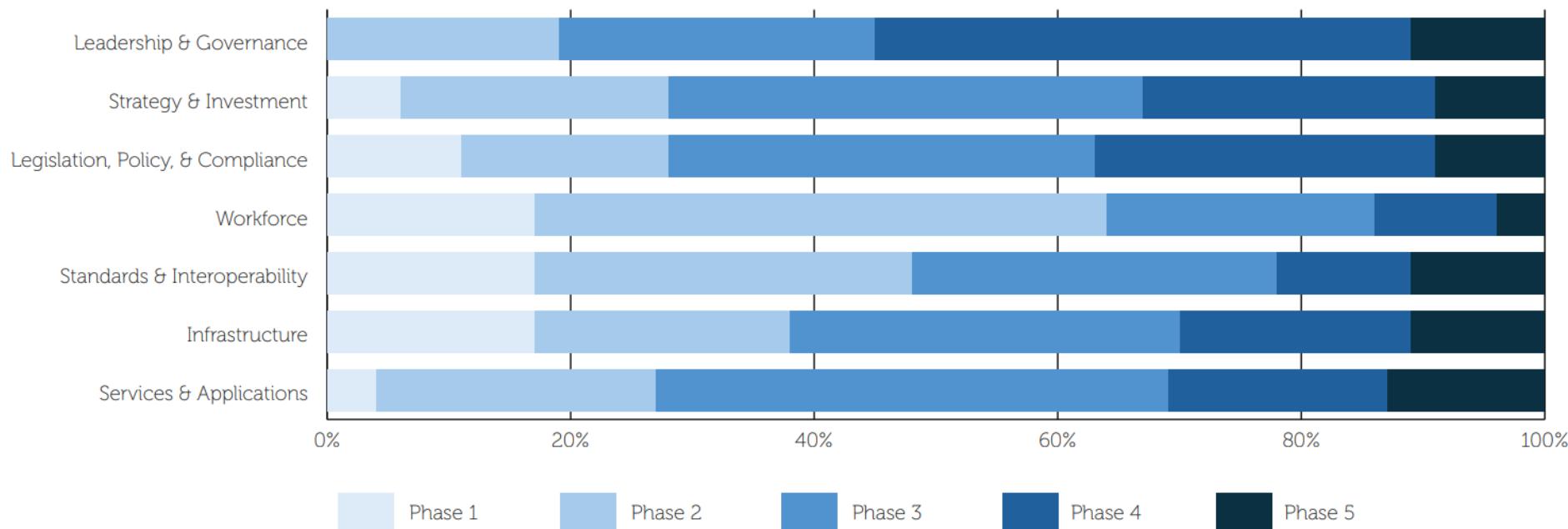


Source: National eHealth Strategy Toolkit



Overall, the domain of **Leadership and Governance** exhibits the highest level of maturity, with 55% of countries attaining Phases 4 and 5.

Conversely, 64% of countries ranked either in Phase 1 or Phase 2 in the **Workforce** domain.





GLOBAL INITIATIVE ON DIGITAL HEALTH

**Mission**

*Foster improved alignment in the digital health sector,  
providing governments and partners tools, building  
blocks, and platforms needed for sustainable health  
system digitalization.*



---

# Reflections from GIDH First Mover Countries

**Dr Constance ASSOHOU-LUTY**

Research Scientist, Coordinator  
Research, Digital Health & Innovation  
WHO Regional Office for Africa  
Brazzaville | Congo



---

# Reflections from Bangladesh

**Md. Jahir Abbas**

Programmer

Management Information System

Directorate General of Health  
Services, Ministry of Health and  
Family Welfare



---

# Reflections from Zambia

**Innocent Chiboma**  
Digital Health Expert  
Management Information System

Ministry of Health of Zambia



---

# **Technical session:**

# **GIDH Transformation Toolbox**

## **- Digital Health Assessment and Quantification Tools**

---

# The Global Digital Health Monitor

**Erica Layer**  
Chief Operating Officer  
health.enabled

health & enabled



# Global Digital Health Monitor



What it is



Why it is important



Where to access the tool



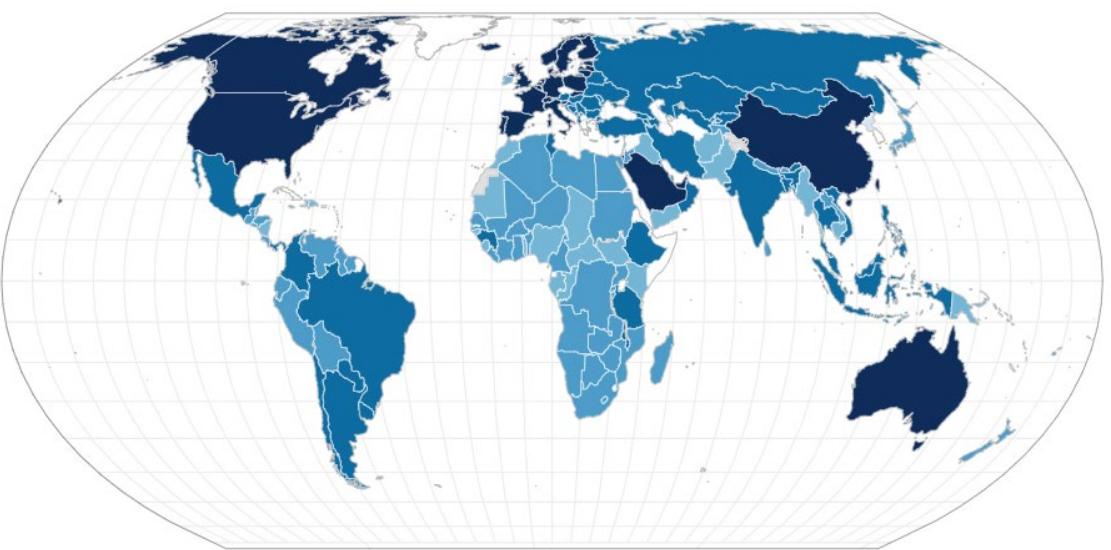
How to use the tool



When to use the tool

State of digital health by digital health maturity phase

Global



World Health Organization

health & enabled

# Global Digital Health Monitor

Digital transformation is reshaping health systems globally. Yet, progress remains uneven.

Countries need:

- **Standardized tools** to assess digital health maturity.
- **Evidence-based insights** to prioritize investments.
- **Mechanisms** to ensure inclusivity and equity in digital health advancements.



World Health Organization

health & enabled

# What Is the GDHM?



**Built on 23 standardized indicators aligned with the WHO/ITU eHealth Strategy Toolkit**



**Guided by a technical committee, comprising experts from 30 countries including Ministries of Health, multilateral institutions, private sector and civil society**



**Utilized by 67 countries, multilateral organizations and private sector partners**



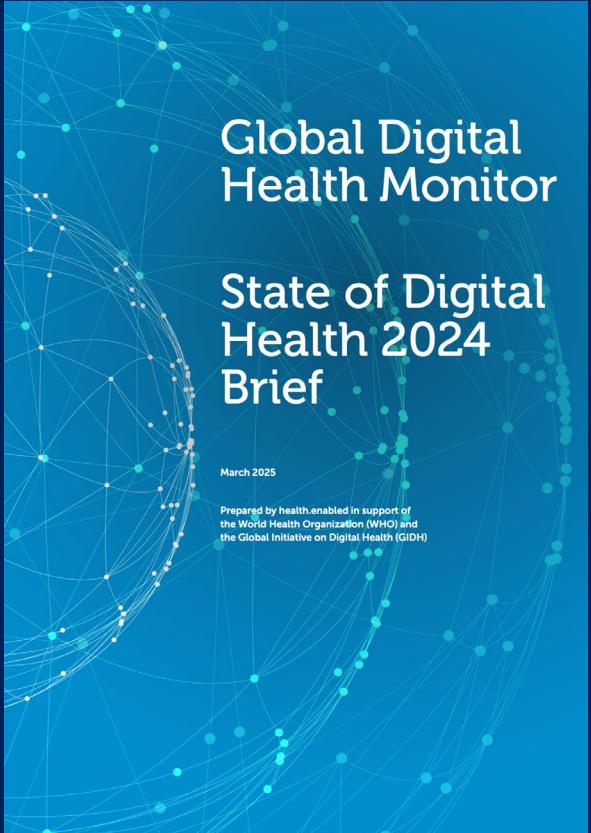
**Integration (2025) into WHO Data Portal to ensure sustainability and align with global digital frameworks.**



**World Health Organization**

**health & enabled**

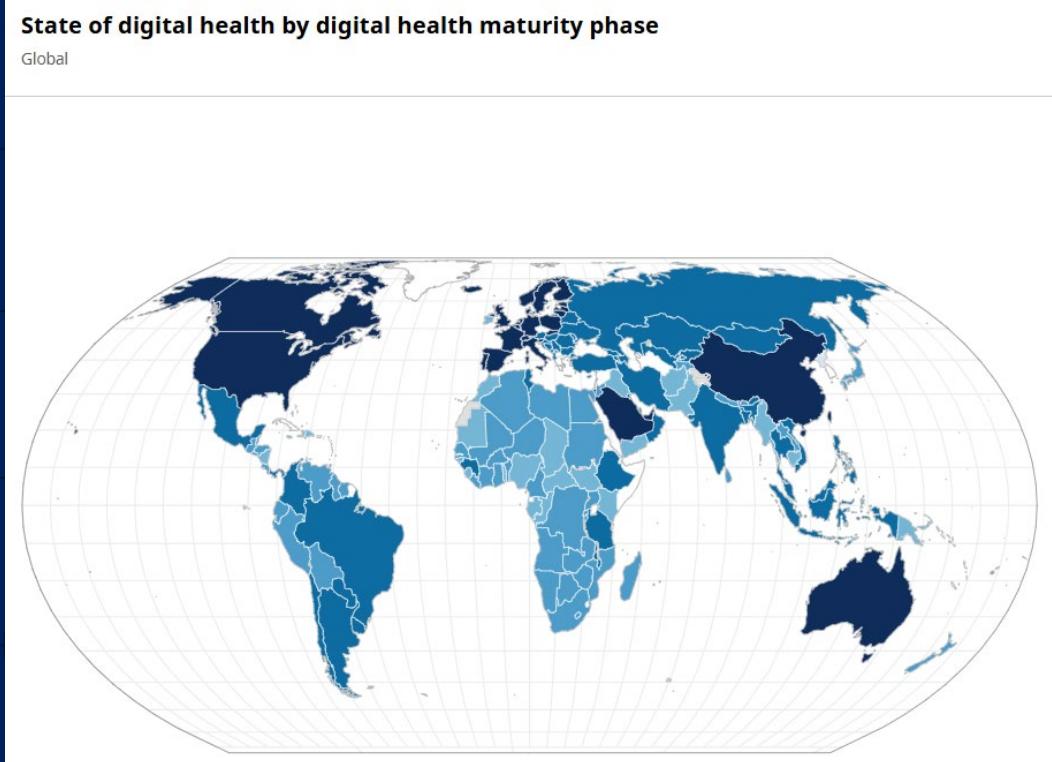
# GDHM Data Powers the State of Digital Health Report



- **Data-Driven Insights:** Tracks progress, gaps, and opportunities in global digital health.
- **Policy Influence:** Informs national strategies and global health policies.
- **Stakeholder Engagement:** Aligns efforts of governments, donors, and key partners.

# Country data entry

- Unique URL for each country
- Ability to edit data, save, and submit later
- Responses from previous years pre-filled to save time
- Country URLs to be emailed to relevant stakeholders
- Plan to fully transition to WHO data portal in 2026



# Country data entry

**GLOBAL DIGITAL HEALTH MONITOR**

World Map   Regions ▾   Countries   Indicators   Methodology   English ▾

**State of Digital Health around the world today**

The Global Digital Health Monitor (GDHM) is an interactive web-based resource that aims to track, monitor, and assess the enabling environment for digital health throughout the world.

**Angola**   Digital Health Questionnaire

Phase: 1 2 3 4 5 NA

Note: Global Digital Health Monitor Data will be displayed publicly. As such, please obtain approval for submission from the relevant government agency (Ministry of Health, Digital Health Agency, etc.) and provide the contact information of the approver. Leaving this page will discard unsaved changes.

**⚠ Data has been pre-populated in the questionnaire from year May 2023. Please update the data for current year and provide relevant justification**

**Contact Information**

Name of person entering data \*  Role of the person entering data \*  Email of the person entering data \*   
 Is the data approved by the government?

Name of the country contact  Role of the country contact  Email of the country contact   
Country Summary \*  Organisation of the country contact

**Indicator Details**

**LEADERSHIP & GOVERNANCE**

1. Digital health prioritized at the national level through dedicated bodies / mechanisms for governance \*  
Does the country have a separate department / agency / national working group for digital health?  
 1 - No coordinating body exists and/or nascent governance structure for digital health is constituted on a case-by-case basis.  
 2 - Governance structure is formally constituted though not fully-functional or meeting regularly.  
 3 - Governance structure and any related working groups have a scope of work (SOW) and conduct regular meetings with stakeholder participation and/or consultation.  
 4 - Governance structure is fully-functional, government-led, consults with other ministries, and monitors implementation of digital health and data governance, including artificial intelligence, based on a work plan.  
 5 - The digital health and data governance structure is institutionalized, consults with other ministries, and monitors implementation of digital health. It is relatively protected from interference or organizational changes. It is nationally recognized as the lead for digital health. The governance structure and its technical working groups emphasize gender balance in membership.  
 Not Available

Rationale or supporting text \*

2. Digital Health prioritized at the national level through planning \*  
Is digital health included and budgeted for in national health or relevant national strategies and/or plan(s)? Note: The focus of this indicator is on the inclusion of digital health or eHealth in the national health strategy.  
 1 - Digital health is not included in the national health strategy. It is being implemented in an ad hoc fashion in health programs.  
 2 - There is some discussion of inclusion of digital health in national health or other relevant national strategies or plans. Proposed language for inclusion of digital health in national health or relevant national strategies and/or plans has been made and is under review.  
 3 - Digital health is included in national health or relevant national strategies and/or plans.  
 4 - Digital health is being implemented as part of national health or other relevant national strategies and/or plans.

To request your country's URL, email:  
gidh@who.int

# The Global Digital Health Atlas

**Dr. Mirana Randriambelonoro**  
Chief Technology Officer  
Geneva Digital Health Hub (gdhub)



# Global Digital Health Atlas



Why it is important



What it is



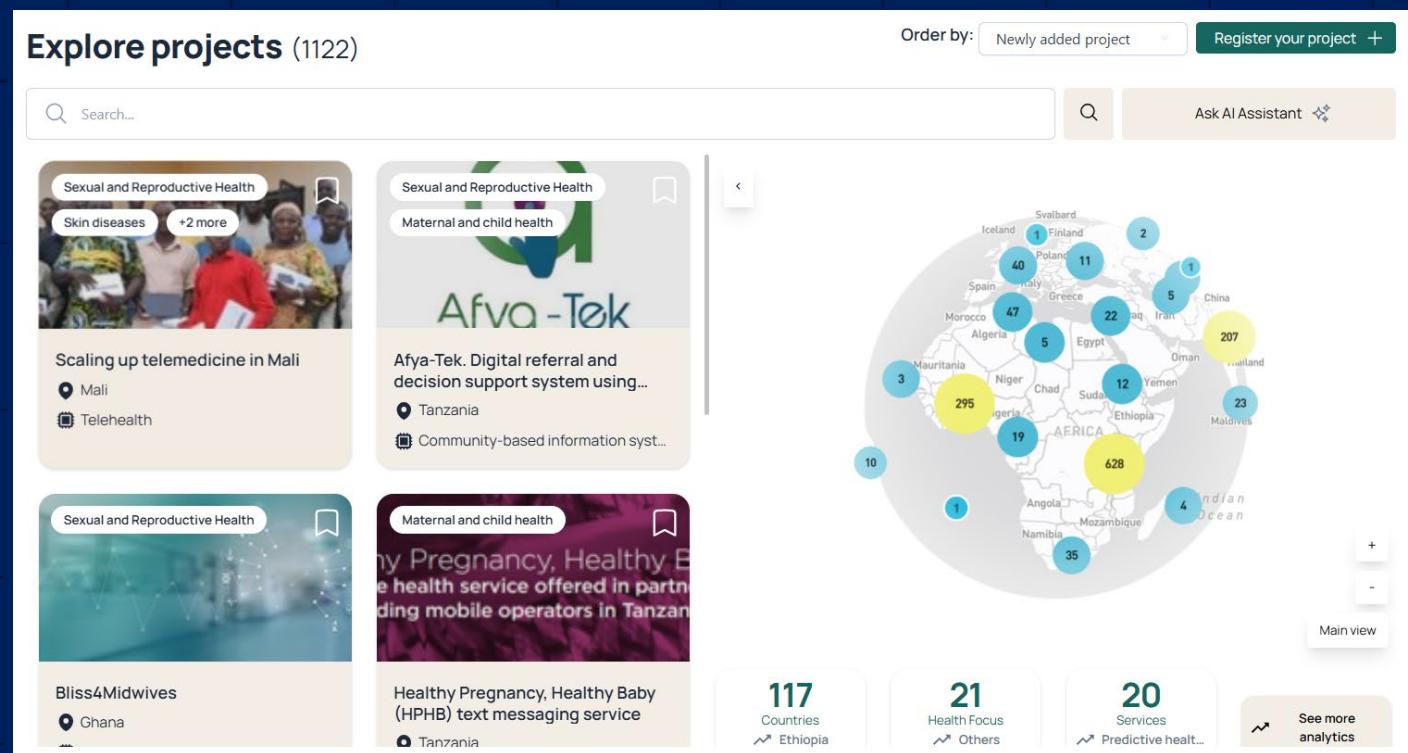
Where to access the tool



How to use the tool



When to use the tool



World Health Organization

gdhub  
Geneva Digital Health Hub

# Global Digital Health Atlas: Why?

Digital health implementation PROMISE vs REALITY

Country needs:

- **Up-to-date mapping** of digital health initiatives to learn from existing implementations.
- **Science-based insights and guidance** to support decision-making and policy-making.

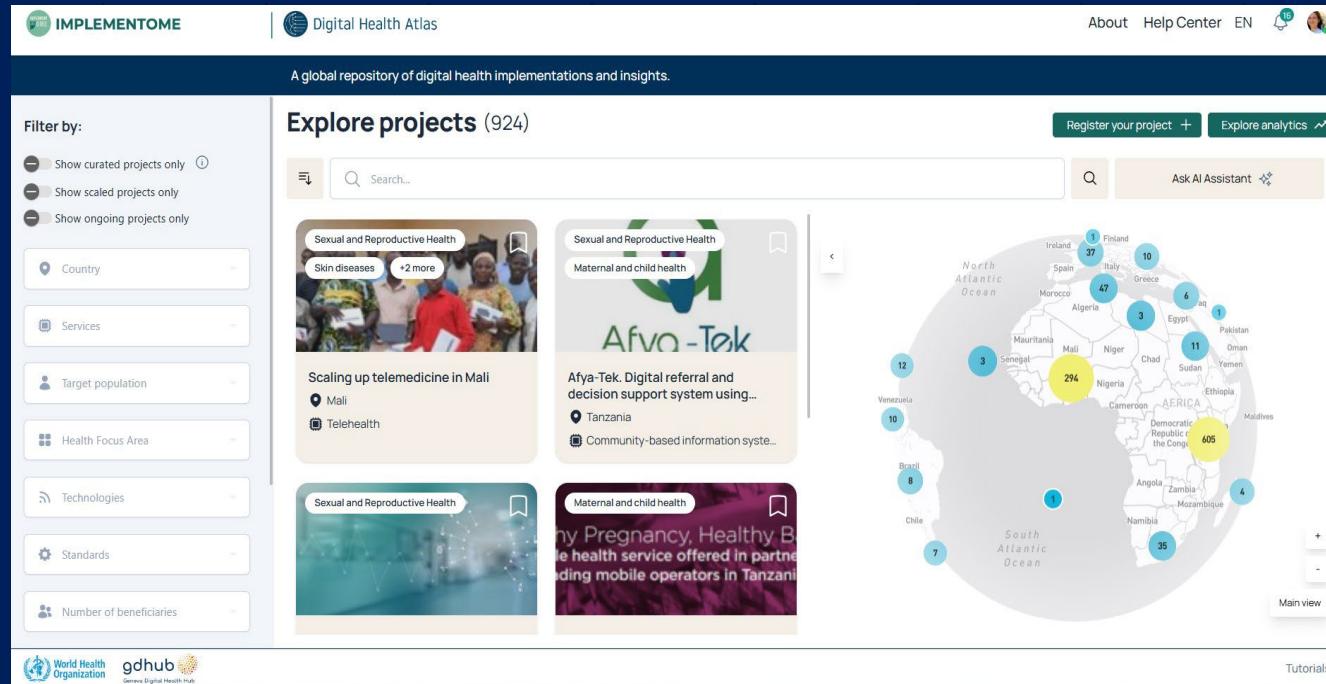
# Global Digital Health Atlas: What?

A global good to:

- Register digital health projects.
- Get real-world implementation insights

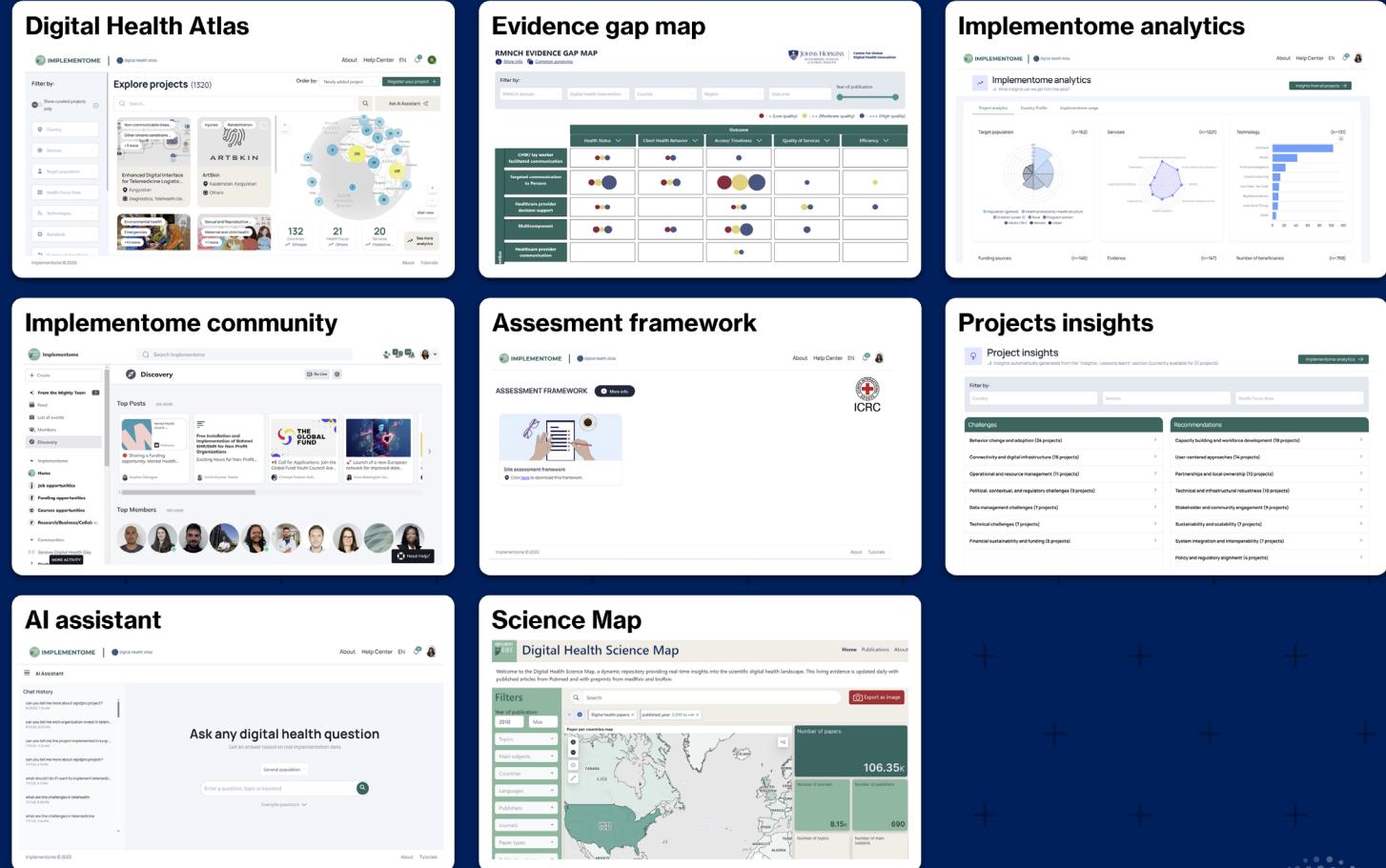
**1328**  
projects

**132**  
countries

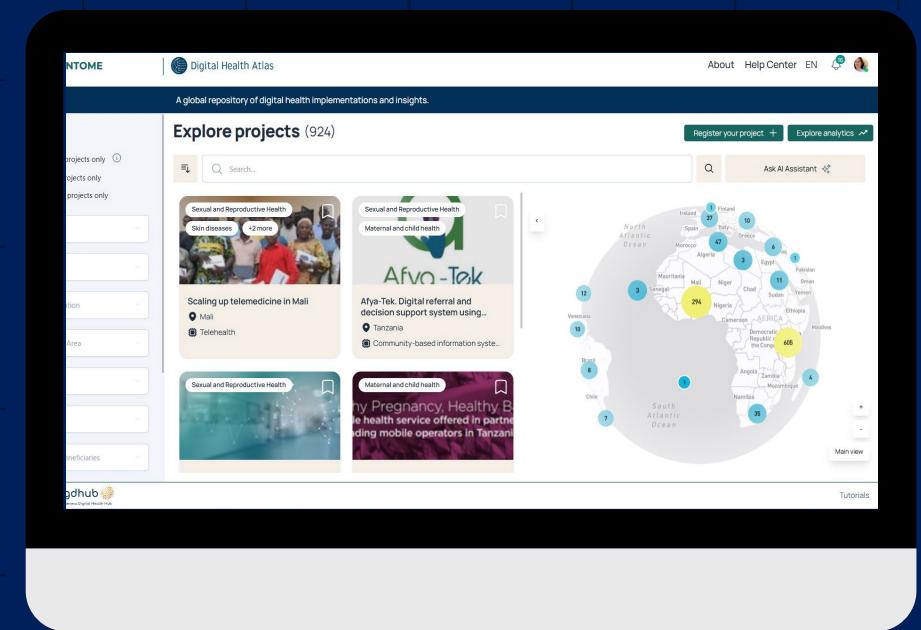


# Global Digital Health Atlas: What?

- Implementome Toolbox : supporting implementation and science-based decision-making
- AI-assisted features to facilitate **access** (languages), **project entry** (automatic summary), **project analysis** (insights classification)



# Global Digital Health Atlas: Where to access?



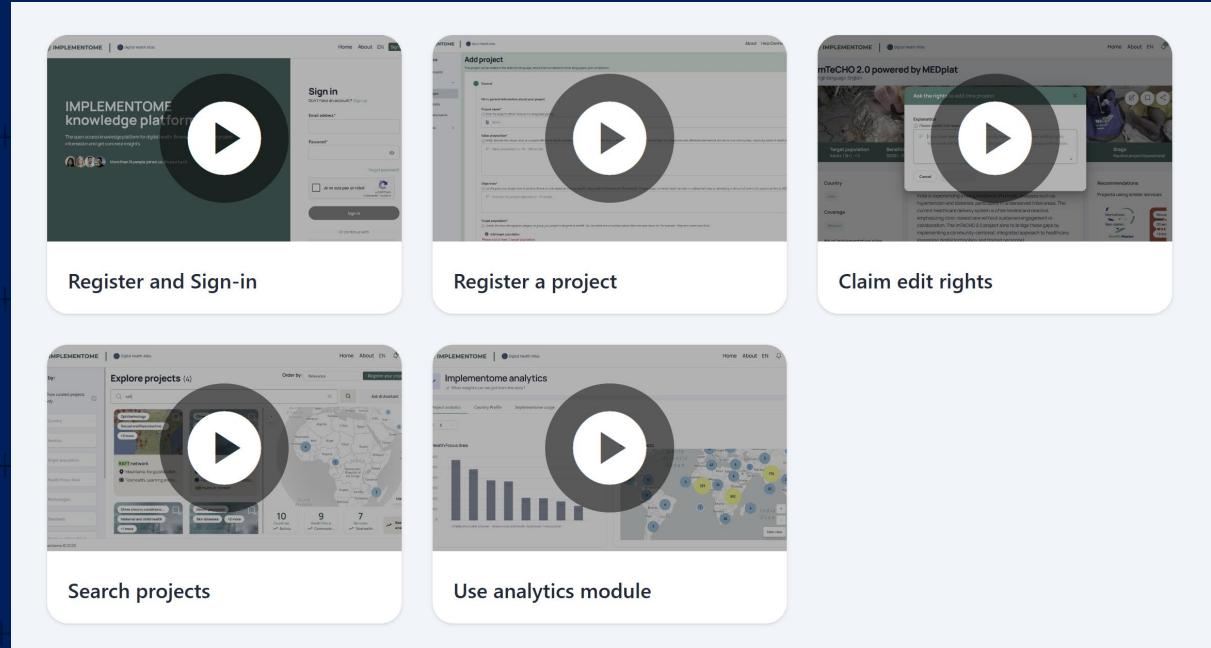
<https://digitalhealthatlas.org>

# Global Digital Health Atlas: How to use?

**Explore** and **navigate** through the data using the atlas, the analytics, the AI assistant and other tools.

Is your project already in the DHA?

- Yes: **claim** it and **edit - update** as needed.
- No: you can **register and submit** your project.



Help center > Tutorials

# Global Digital Health Atlas: When to use?



## Ministry of Health

- **oversee** Digital Health initiatives in the country.



## Implementers

- **showcase** their work to local/global audience.



## Decision-makers

- **make informed choices** based on real implementation data.



World Health Organization

gdhub  
Geneva Digital Health Hub

# DATA

# INSIGHTS



# IMPACT

Digital  
Health  
Atlas

Call to  
action

---

# Global Repository of National Digital Health Strategies

**Tahani Khaliefah**

Technical Officer

Data, Digital Health, Analytics & AI Dept

Insight , Capacity and operation

Health Systems, Access and Data (HSD) Division

World Health Organization

Geneva, Switzerland



# Global Repository of National Digital Health Strategies



What it is



Why it is important



Where to access the tool



How to use the tool



World Health Organization

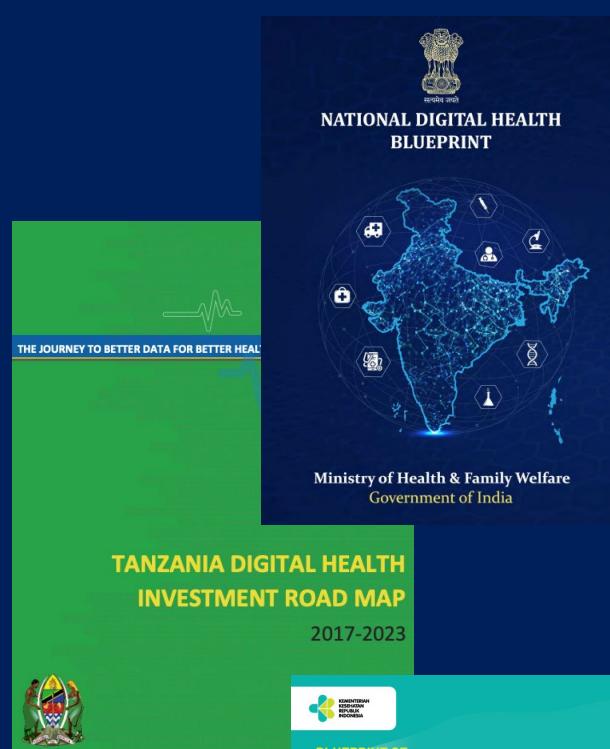
The screenshot shows the 'Country File Repository' page for Zambia. At the top, there's a navigation bar with 'WHO', 'Country', 'Global', and 'From Where to Where'. Below that is a sub-navigation bar with 'Planning Cycle' and 'File Repository'. The main title 'Country File Repository' is prominently displayed in large white letters on a blue background. A green circular icon with a globe and the word 'ZAMBIA' in blue are below the title. On the left, there's a sidebar with a dropdown menu labeled 'Choose Country'. The main area is titled 'Public files' and contains a table with the following data:

Category	Description	File	Issuer	Year	Last updated
Digital Health Strategy	This Digital Health Strategy was developed considering the evidence that smart health technologies can improve health systems performance, efficiency and effectiveness, ultimately delivering better health outcomes for all citizens. It also provides a framework for the development of a digital health strategy.	Zambia Digital Health Strategy 2020-2025.pdf	Ministry of Health	2020	May 16, 2020
National Health Policy Strategy Plan	Zambia National Health Policy Strategy Plan 2015-2025.pdf	Zambia National Health Policy Strategy Plan 2015-2025.pdf	Ministry of Health	2017	Sept 07, 2020
National Health Policy Strategy Plan	National Health Strategy Plan Zambia 2017-2025	zambia_nhspp_2017-2025.pdf		2017	Feb 05, 2019
National Health Policy Strategy Plan	Zambia Health Strategy	zambia_health_strategy.pdf		2017	Feb 05, 2019
Master Plan	Zambia Tuberculosis Program: Year 18 Strategy Plan 2009-2012	Zambia Tuberculosis Program: Year 18 Strategy Plan 2009-2012		2010	Jul 10, 2016
National Health Policy Strategy Plan	National Health Policy 2011	npa_national_health_policy_2011.pdf		2011	Jul 10, 2015

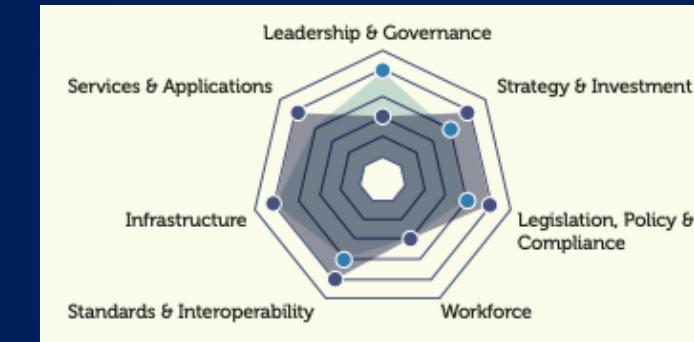
# New strategy will build on flagship activities supporting country progress under 2020-2025 strategy & extension to 2027



Supporting  
National Digital  
Health Strategies



Measuring Country  
Maturity and Enabling  
Environment / Progress



Reduced Fragmentation  
and Improved Knowledge  
Sharing



Roadmaps for Digital  
Transformation  
Planning and Costing





## What Is Country File Repository (CFR) ?

- **CFR** : An open online resource that provides country by country overview. It promotes WHO support to national health policy dialogues to develop more robust health policies, strategies and plans.

Component of the database that stores official, government-endorsed documents, including National Digital Health Strategies (DHS).

- **Ensures** documents are public, validated, and approved by the Ministry of Health or relevant authority.
- **Digital Health Strategy Tracking**

The screenshot shows the 'File Repository' section of the WHO Country Planning Cycle Database. At the top, there's a navigation bar with links for Home, Country, Global, and From Whom to Whom, along with a 'Choose Country' dropdown and a 'PRINT/VIEW' button. Below the navigation is a large blue header with the text 'File Repository' and a subtitle 'Centralized repository of health planning and policy documents as well as related materials.' A message 'Filter Files as needed.' is displayed above a 'Public files' section. At the bottom, there are three dropdown filters for 'Country', 'Category', and 'Year', each with a '- Any -' option, followed by an 'Apply' button.



# WHY

- **Strengthens global monitoring** — The CFR tracks how many countries have a digital health strategy or roadmap.
- **Supports transparency** by making national DHS documents publicly accessible.
- **Evidence-based insights** to prioritize investments.
- **A trusted source** for official, government-endorsed Digital Health Strategies (DHS).
- **Ensures all uploaded documents** are *validated* and approved by the Ministry of Health or national authority.



World Health Organization



# WHO Country File Repository now contains all available **NATIONAL DIGITAL HEALTH STRATEGIES !**

Access it here:



Email [gidh@who.int](mailto:gidh@who.int)



The screenshot shows the WHO Country File Repository interface. At the top, there's a navigation bar with the WHO logo, a search bar, and dropdown menus for 'Country' (set to Zambia), 'Digital' (set to Digital Health Strategy), and 'From What to What'. Below this is a large blue header with the text 'Country File Repository' in white. In the center, there's a green circular icon with the word 'ZAMBIA' in blue. Below the icon, there's a search bar labeled 'Search Country' and a 'Category' dropdown set to 'Any'. A 'Year' dropdown is also present. A 'Public files' section follows, with a 'Category' dropdown set to 'Any' and a 'Year' dropdown set to 'Any'. A 'Apply' button is next to the year dropdown. Below this is a table of files. The columns are 'Category', 'Description', 'Type', 'Name', 'Year', and 'Last updated'. The table lists several documents related to Zambia's digital health strategy, including the 'Digital Health Strategy' (2020-2025), 'National Health Policy Strategy Plan' (2017-2021), and various 'National Health Policy Strategy Plan' documents from 2017 and 2018.

Category	Description	Type	Name	Year	Last updated	
Digital Health Strategy	This Digital Health Strategy was developed considering the evidence that smart investments in healthcare will improve healthcare service delivery, research and development, and the overall health of the population for Zambia. This sets the context for our decision to adopt the WHO framework for the assessment and development of the Digital Health Strategy 2020-2025.	PDF	ZMB_Zambia-Digital-Health-Strategy_2020-2025.pdf	Ministry of Health	2020	May 06, 2020
National Health Policy Strategy Plan		PDF	ZMB_Zambia_National-Health-Policy-Strategy-Plan_2017-2021.pdf	Ministry of Health	2017	Sep 27, 2020
National Health Policy Strategy Plan	National Health Strategy Plan Zambia 2017-2021	PDF	zambianhspp.pdf		2017	Feb 05, 2019
National Health Policy Strategy Plan	Zambia Health Strategy	PDF	zambia_health_strategy.pdf		2017	Feb 05, 2019
Master Plan	Zambia Tuberculosis Program Step TB Strategy Plan 2008-2012	PDF	Zambia_Tuberculosis_Program_Step_TB_Strategy_Plan_2008-2012.pdf	Zambia, National Health Strategy Plan		Jan 10, 2015
National Health Policy Strategy Plan	National Health Policy 2011	PDF	zmb_2011_national_health_policy.pdf			Jan 10, 2015

- Visit the CFR .
- Select Digital Health Strategy – Category
- Select the country of interest and download the DHS .

**SCAN ME**



World Health Organization  
Country Planning Cycle Database

Home ▾ Country ▾ Global ▾ From Whom to Whom

Choose Country PRINT/VIEW PDF

# File Repository

Centralized repository of health planning and policy documents as well as related materials.

Filter Files as needed.

**Public files**

Country Category Year

- Any - - Any - - Any - Apply

**ZAMBIA**

Choose Country

**Public files**

Category Year

Digital Health Strategy - Any - Apply

Category	Description	Files	Source	Year	Last updated	
view	Digital Health Strategy	This Digital Health Strategy was developed considering the evidence that smart investments in healthcare will improve healthcare service delivery, research and education delivering the greatest dividends for Zambia. This sets the context for our decision to adopt the WHO framework for the assessment and development of the Digital Health Strategy 2022-2026.	ZMB_Zambia_Digital-Health-Strategy_2022-2026 Pdf	Ministry of Health	2022	May 08, 2024
view	National Health Policy Strategy Plan		ZMB_Zambia_National-Health-Strategic-Plan_2017-2021.pdf	Ministry of Health	2017	Sep 27, 2023



World Health  
Organization

# Q&A session

# Closing Remarks

**Melissa Cederqvist Njihia**

Technical Officer, Strategy and Partnerships

Assessments, Partnerships and Planning  
Insights, Capacity, Operations Unit

Data, Digital Health, Analytics and AI (DDA)  
Health Systems, Access and Data (HSD) Division



---

## Call to Action

1. We call upon **Member States to complete the 2025 National Digital Health Maturity Assessment using the Global Digital Health Monitor**. Please email the GIDH secretariat at [gidh@who.int](mailto:gidh@who.int) to request for a direct link to your country profile. The deadline for completion is **31 December 2025**.
2. We call upon **Member States to share their latest national digital health strategies for inclusion in the Global Repository of National Digital Health Strategies**. Please send the strategies to [gidh@who.int](mailto:gidh@who.int)
3. We call upon **Member States and partners to register digital health solutions on the Digital Health Atlas**. To request for support, please contact [gidh@who.int](mailto:gidh@who.int)

---

Thank you !

[gidh@who.int](mailto:gidh@who.int)