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# 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



**World Health  
Organization**

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**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



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# Message from the Commonwealth

**Janneth Mghamba**

Health Advisor  
Commonwealth Secretariat



The Commonwealth



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# Setting context on Digital Health Transformation



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# 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



## 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

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

## IMPLEMENTATION

Global Strategy on Digital Health 2020-2025

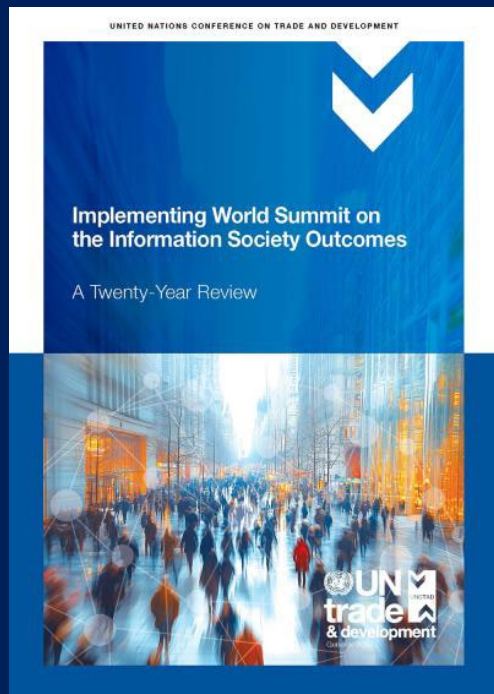


## Global strategy on digital health 2020-2025

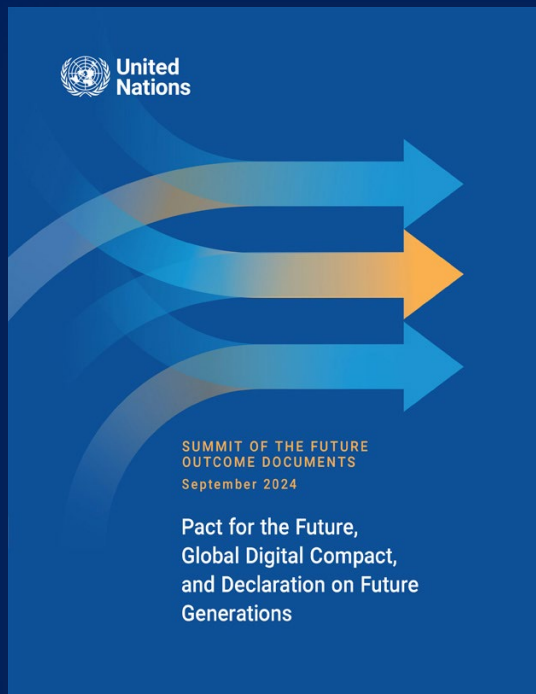
Improve health for everyone...affordable, scalable digital health and wellbeing...support equitable access to quality health services...implication for access, cost, quality of digital solutions

Global strategy on digital health extended to 2027

# 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

2020

2021

2022

2023

2024

2025

2027



Now



## OBJECTIVE 01



Promote **global collaboration** and advance the **transfer of knowledge** on digital health

## OBJECTIVE 02



Advance the **implementation** of national digital health strategies

## OBJECTIVE 03



Strengthen **governance** for digital health at global, regional and national levels

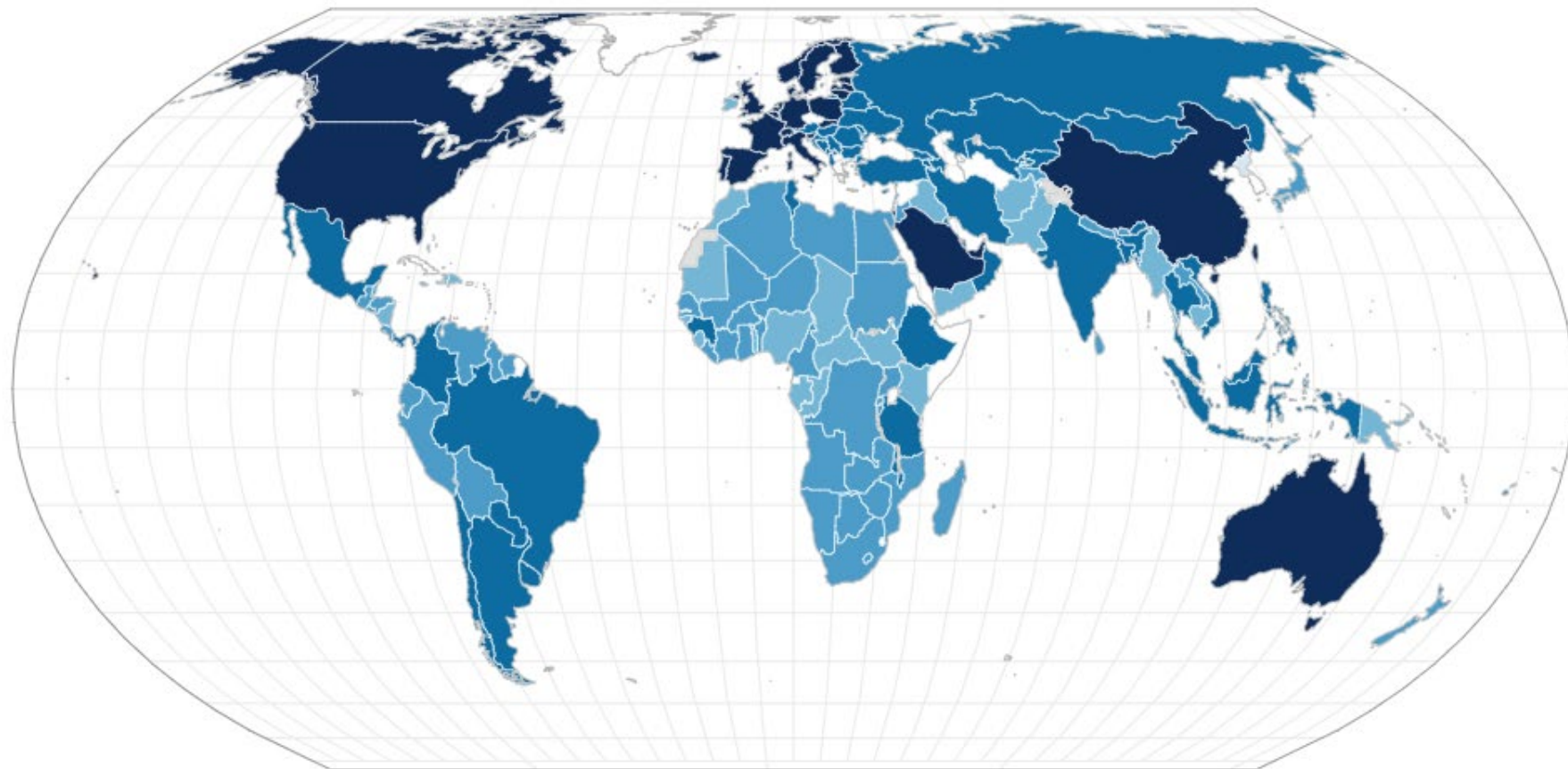
## OBJECTIVE 04



Advocate **people-centred health systems** that are enabled by digital health



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



Phase 1 Phase 2 Phase 3 Phase 4 Phase 5

Number of countries reported: 87

# The Enabling Environment: Seven Building Blocks

## Leadership and Governance



### Strategy and Investment



### Services and Applications



### Standards and Interoperability



### Infrastructure



### Legislation, Policy, and Compliance



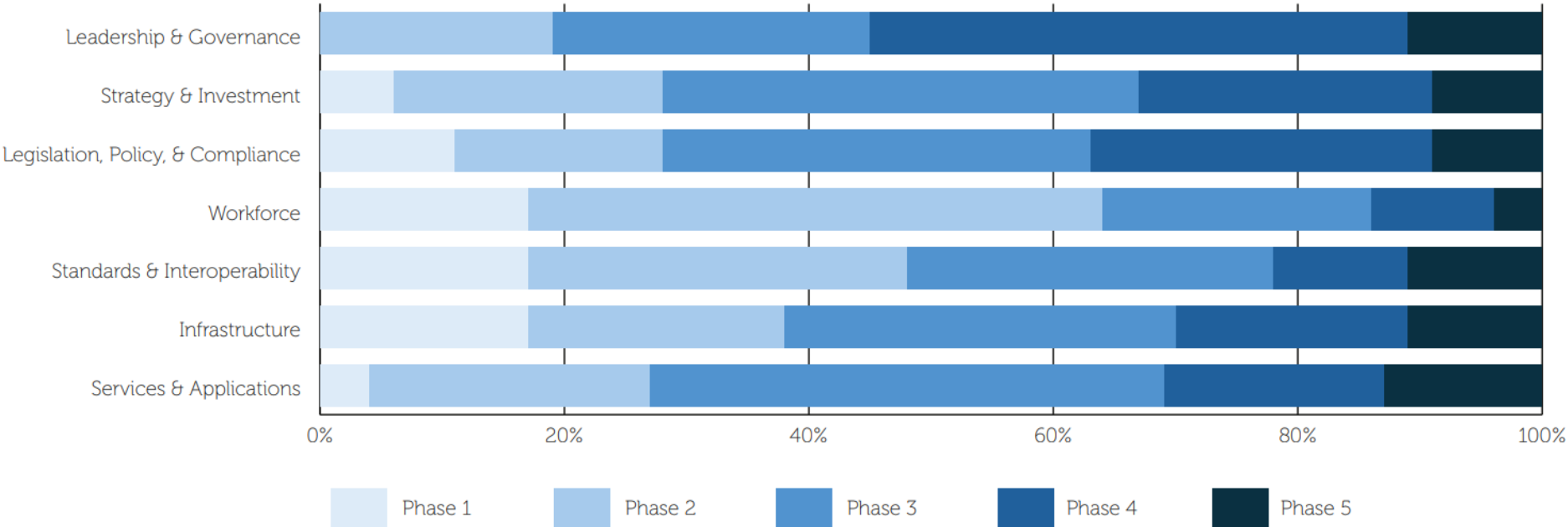
### Workforce





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.*



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# Reflections from GIDH First Mover Countries

**Dr Constance ASSOHOU-LUTY**

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



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# Reflections from Bangladesh

**Md. Jahir Abbas**

Programmer

Management Information System

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



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# Reflections from Zambia

**Innocent Chiboma**

Digital Health Expert  
Management Information System

Ministry of Health of Zambia





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# **Technical session: GIDH Transformation Toolbox - Digital Health Assessment and Quantification Tools**

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# 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



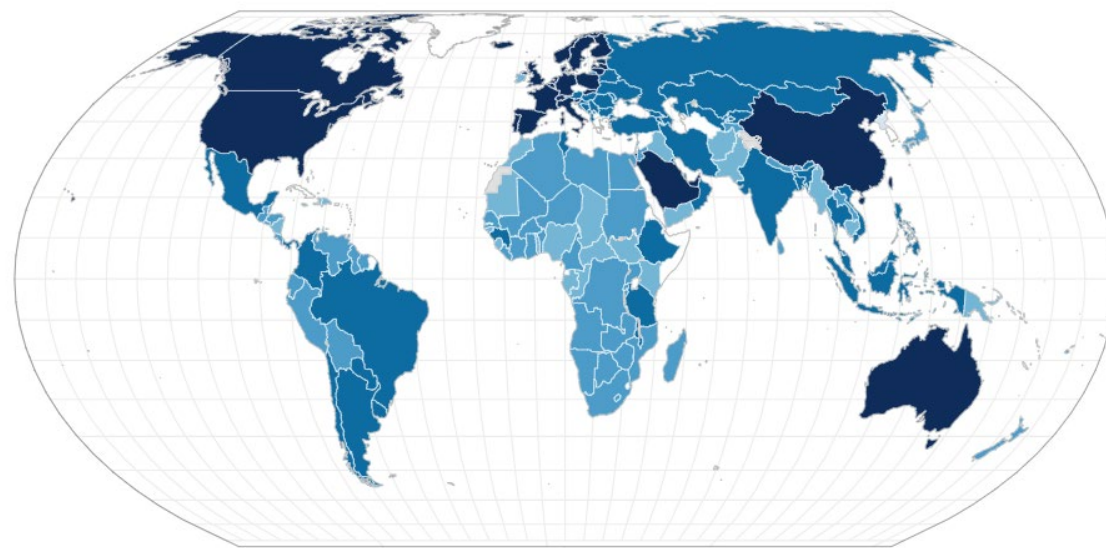
When to use the tool



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Organization

State of digital health by digital health maturity phase

Global



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.



# 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.



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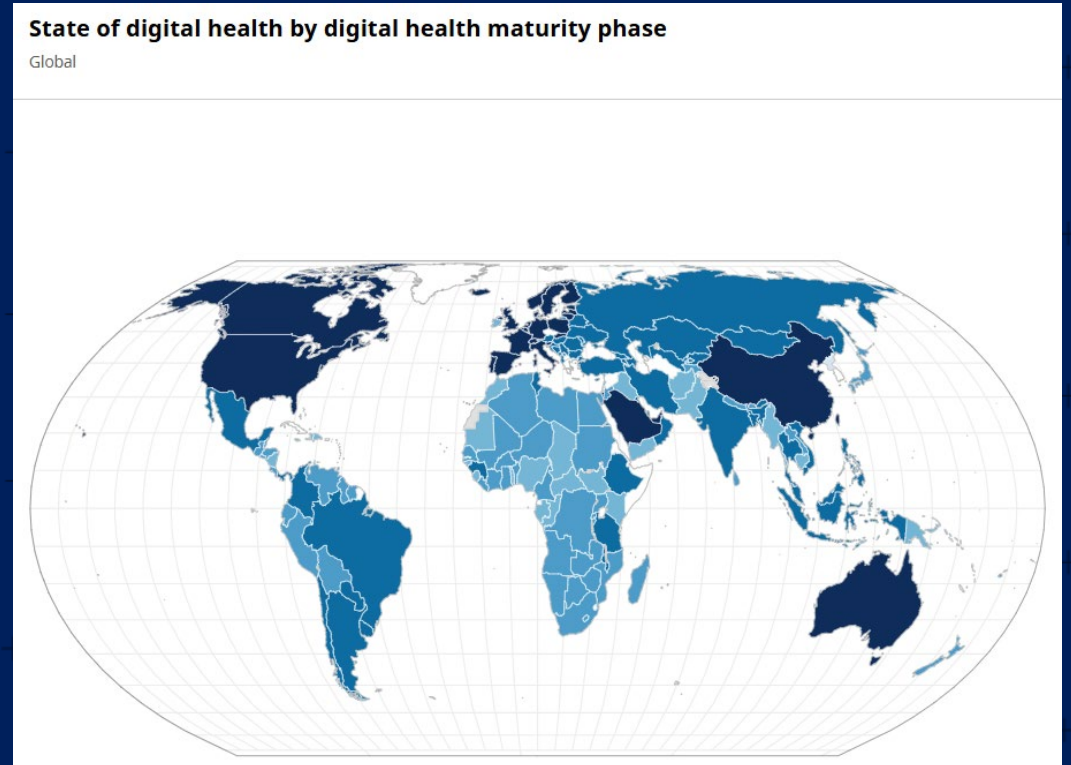
# GDHM Data Powers the State of Digital Health Report



- **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 MapRegions▼CountriesIndicatorsMethodologyEnglish▼

**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.

Phase12345NA

**Angola**

Digital Health Questionnaire

[DOWNLOAD PDF](#)[SAVE AS DRAFT](#)[SUBMIT](#)

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 \***

NA

**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.



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# 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



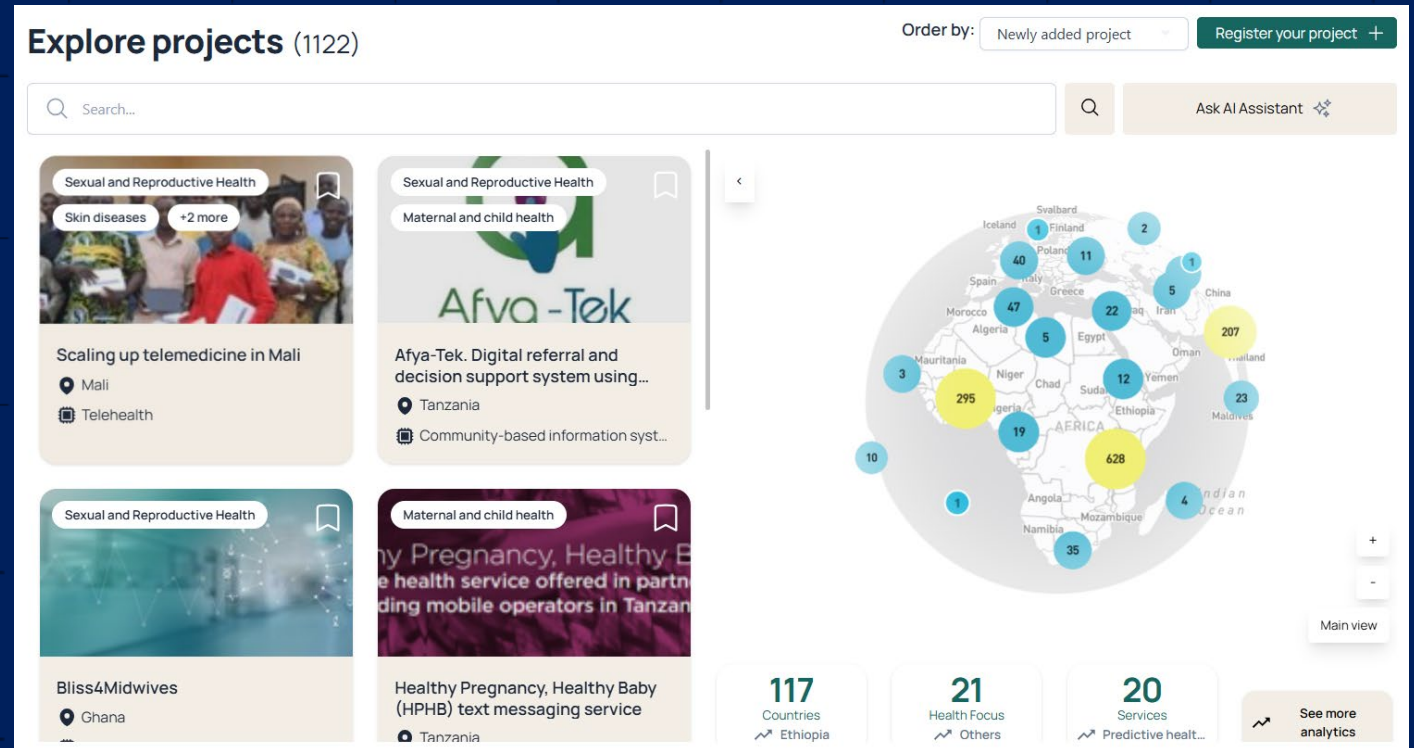
How to use the tool



When to use the tool



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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.



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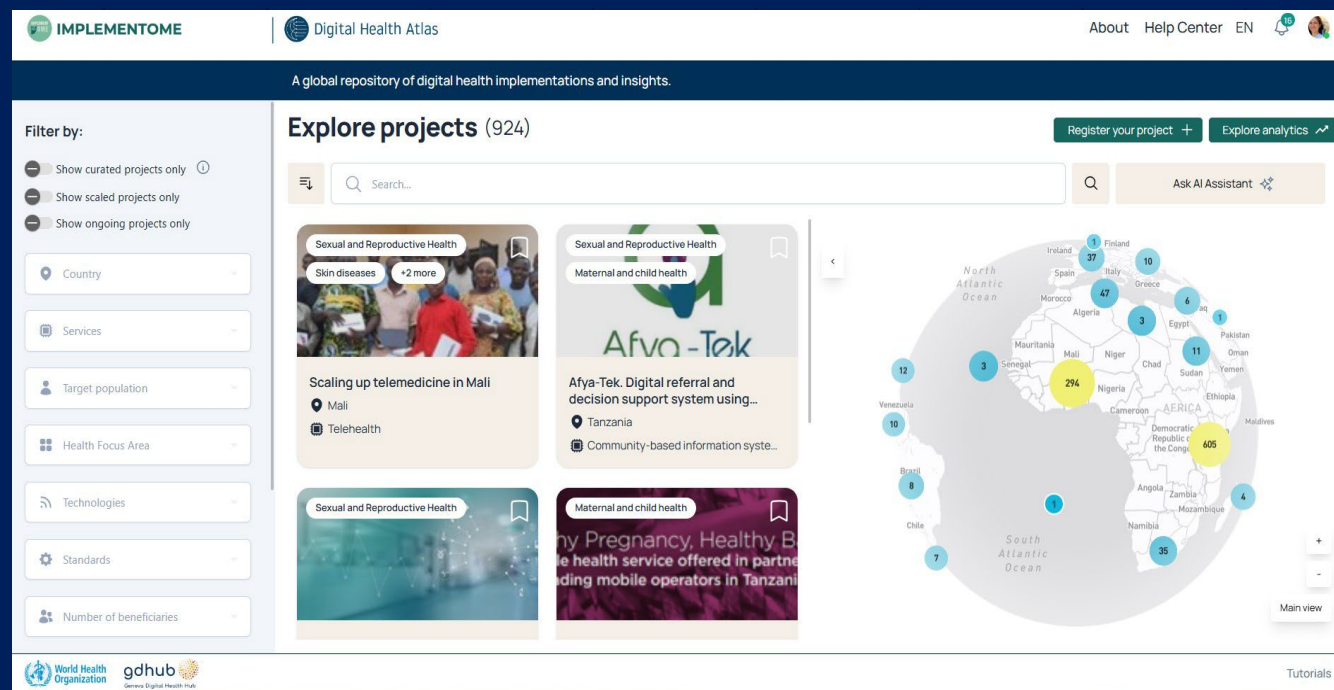
# Global Digital Health Atlas: What?

A global good to:

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

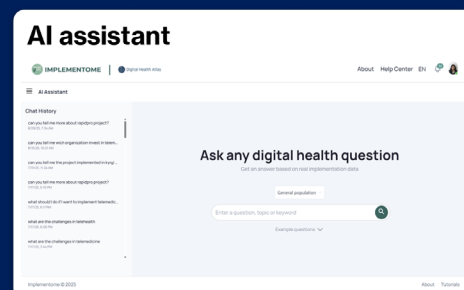
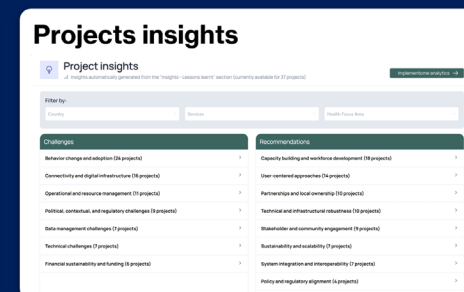
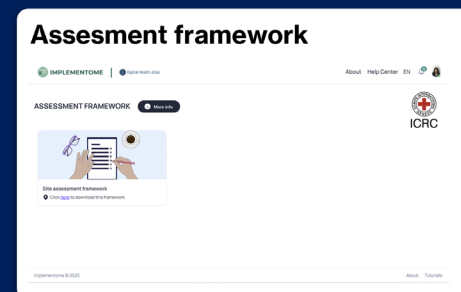
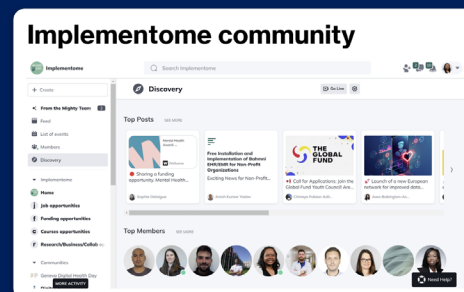
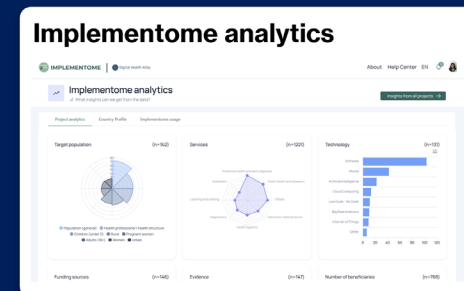
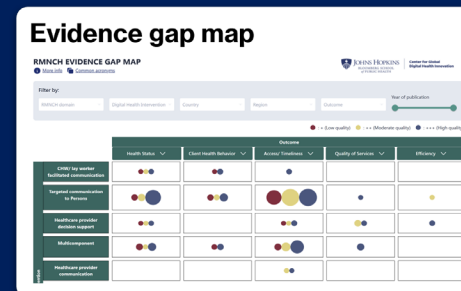
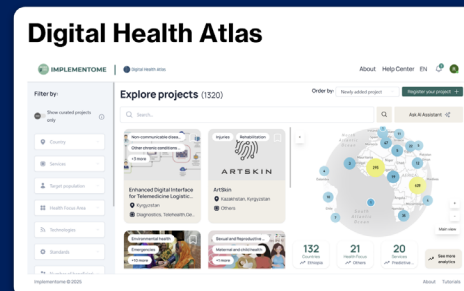
**1328**  
projects

**132**  
countries



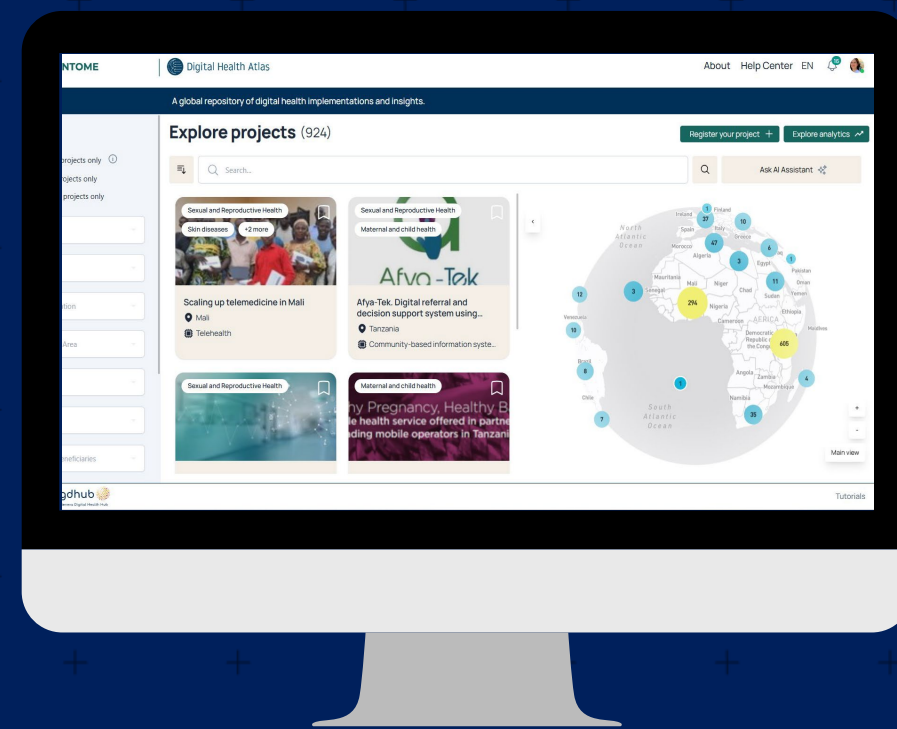
# Global Digital Health Atlas: What?

- 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?



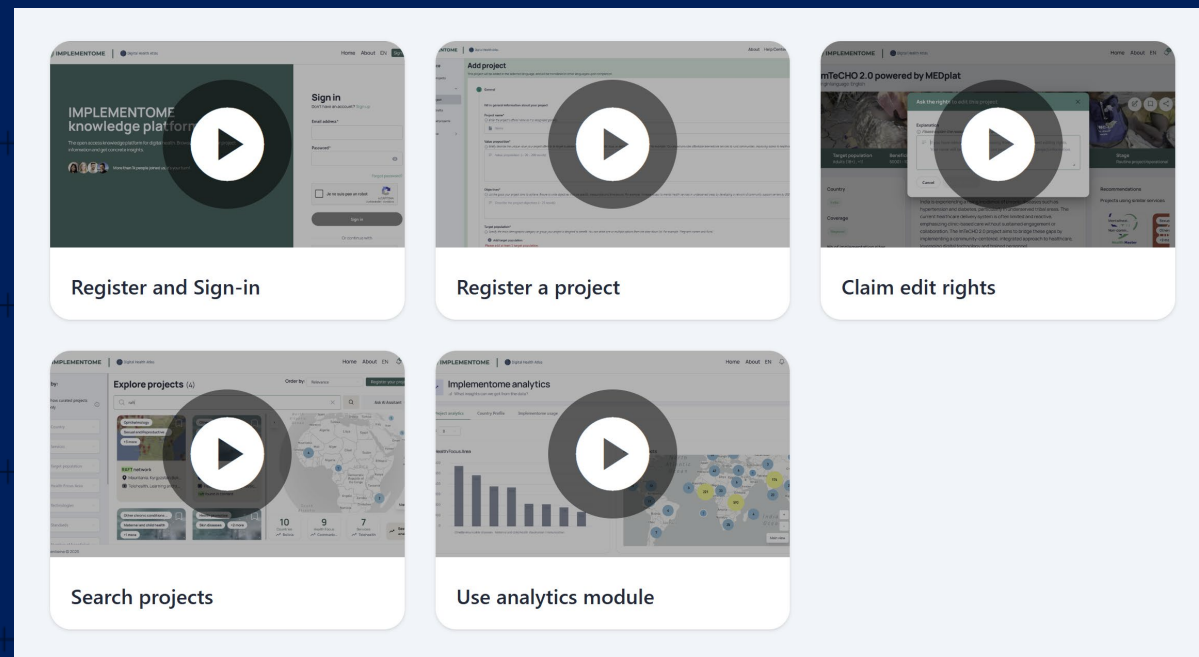
<https://digitalhealthatlas.org>

# 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.



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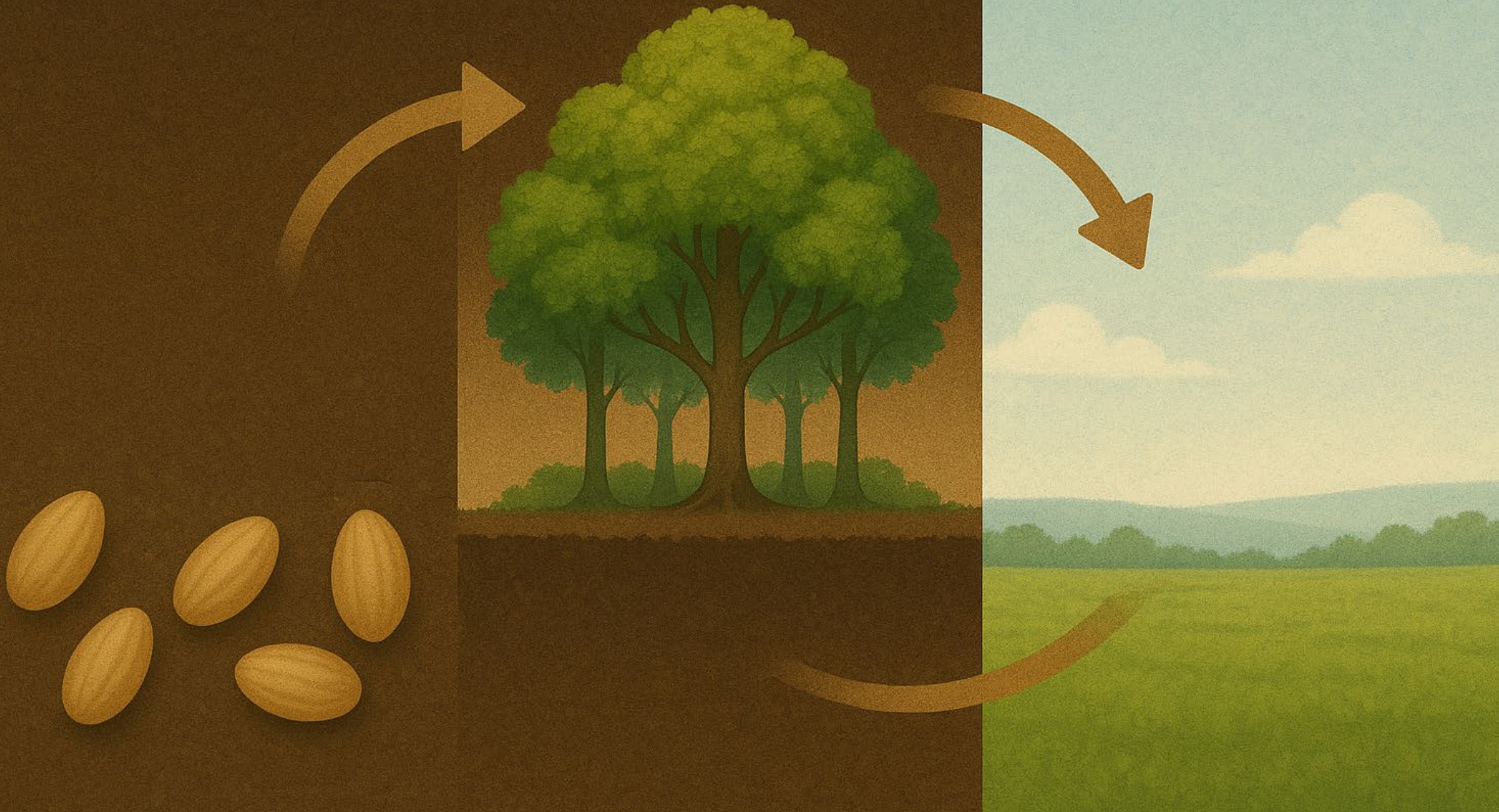
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# DATA

# 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



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Country Planning Cycle Solutions

Home - Country - Global - From Where to Where

Planning Cycle File Repository

## Country File Repository

ZAMBIA

Public files

Category: Any Year: Any Apply

Category	Description	File	Source	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 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 2020-2026.	DHS_Zambia_DigitalHealthStrategy_2020-2026.pdf	Ministry of Health	2020	May 05, 2024
National Health Policy Strategy Plan		DHS_Zambia_NationalHealthStrategyPlan_2015-2021.pdf	Ministry of Health	2017	Sep 01, 2020
National Health Policy Strategy Plan	National Health Strategy Plan Zambia 2017-2021	zambia_nhs.pdf		2017	Feb 05, 2018
National Health Policy Strategy Plan	Zambia eHealth Strategy	zambia_ehealth_2017.pdf		2017	Feb 05, 2018
Measles Plan	Zambia Tuberculosis Program: Stop TB Strategy Plan 2008-2012	zambia_stop_tb_strategy_2008-2012.pdf			Jul 10, 2015
National Health Policy Strategy Plan	National Health Policy 2011	nhs_zambia_2011.pdf			Jul 10, 2015

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



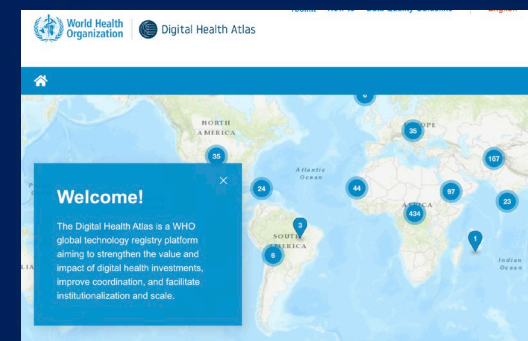
Supporting  
National Digital  
Health Strategies



Measuring Country  
Maturity and Enabling  
Environment / Progress



Reduced Fragmentation  
and Improved Knowledge  
Sharing



Roadmaps for Digital  
Transformation  
Planning and Costing

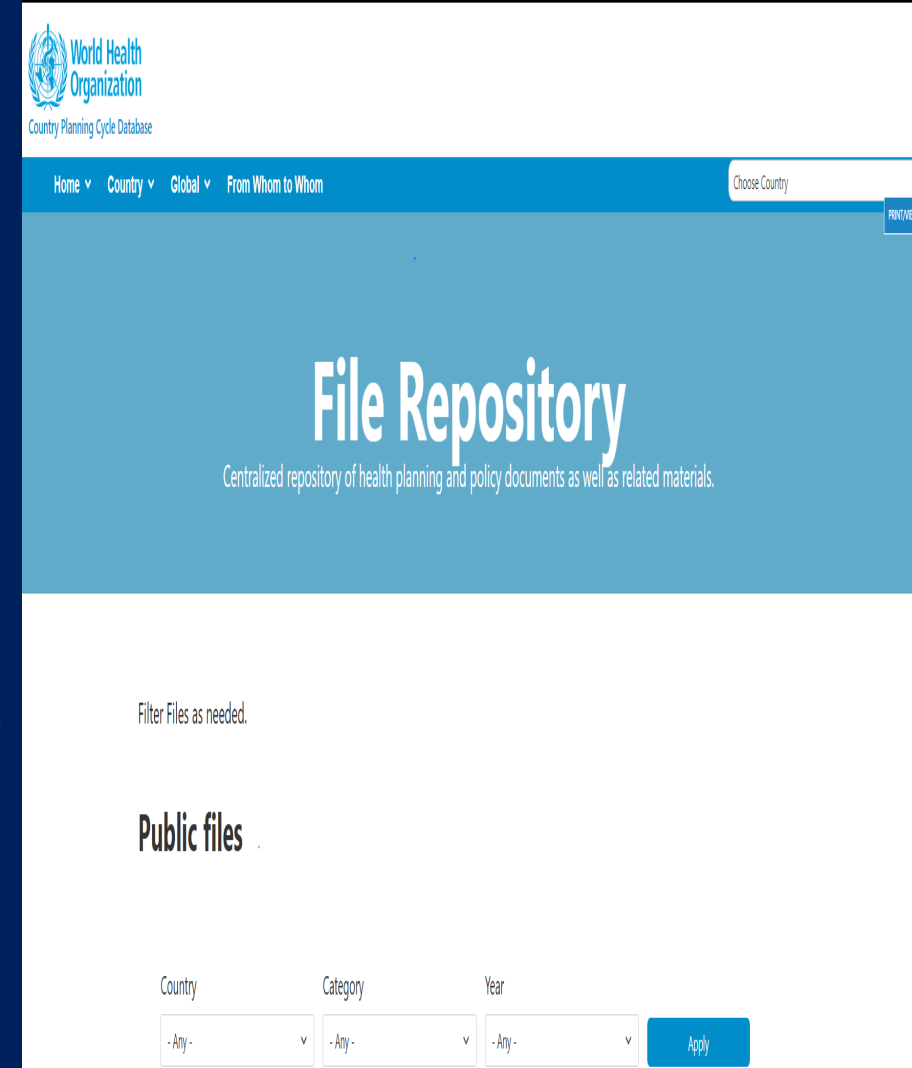


## ? What Is Country File Repository (CFR) ?

- **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**



## 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.



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

Access it here:

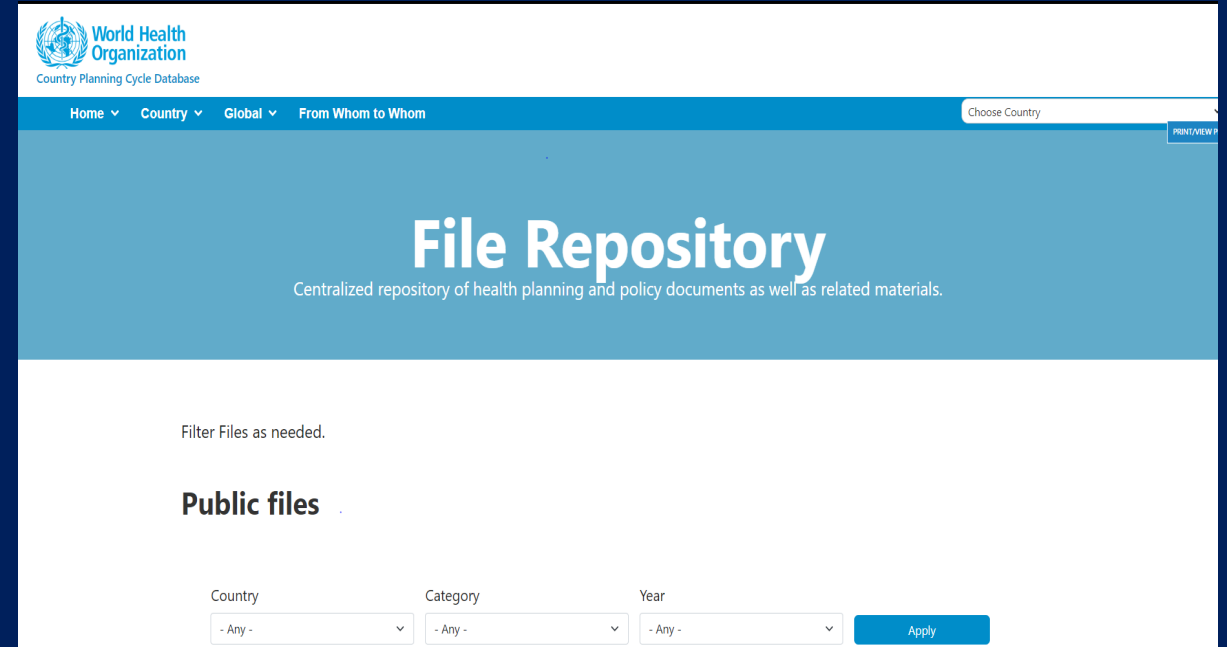


Email [gidh@who.int](mailto:gidh@who.int)





- # SCAN ME



# ZAMBIA

Choose Country

## Public files

Category

Year

Digital Health Strategy

- Any -

Apply

	Category	Description	Files	Source	Year	Last updated
<a href="#">view</a>	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.	 <a href="#">ZMB_Zambia_Digital-Health-Strategy_2022-2026.Pdf</a>	Ministry of Health	2022	May 08, 2024
<a href="#">view</a>	National Health Policy Strategy Plan		 <a href="#">ZMB_Zambia_National-Health-Strategic-Plan_2017-2021.pdf</a>	Ministry of Health	2017	Sep 27, 2023

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# 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



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## 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)



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Thank you !

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