WSIS+20 Review
Action Lines
Milestones, Challenges and Emerging Trends beyond 2025

WSIS Action Line C7 eHealth

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The Evolution of Context

The evolution of technology over 20 years

- **2004 onwards** : Various open source electronic health record platforms emerge including OpenMRS, OpenClinic, OpenHospital, OpenEHR, Bahmni etc, to support the delivery of health care in developing countries.

- **2012** : Development of Fast Healthcare Interoperability Resources (FHIR) as a set of rules and specifications for exchanging electronic health care data.

- **2012** : WHO and ITU launch an NCD mitigation programme using mobile technology called Be He@lthy Be Mobile.

- **2016** : WHO launches a global digital health solutions repository called the Digital Health Alas.

- **2020** : WHO commences development of computable versions of WHO guidelines, a programme called SMART Guidelines that leverages FHIR.

- **2020** : WHO introduces AI interventions for Quitting Tobacco.

- **2022** : WHO releases a digitized version of the International Classification of Diseases (ICD11).

- **2023 :** WHO establishes a Global Digital Health Certification Network platform (GDHCN).

The evolution of the engagement of stakeholders

- **2000s** : Donor and multilateral representatives begin discussing common challenges in implementing digital development projects.

- **2005** : WHO Member States agree on a resolution regarding the use of ICTs in health. This led to the resolution on eHealth.

- **2010** : The Greentree Principles are created out of a concerted effort to capture the most important lessons learned by the digital development community.

- **2014** : WHO Member States agree on a resolution on eHealth Standardization and Interoperability.

- **2014** : Principles of Digital Development launched by various developing partners.

- **2018** : The Principles of Donor Alignment for Digital Health launched by various donors, UN agencies and development partners.

- **2018** : WHO Member States agree on a resolution on Digital health.

- **2023** : WHO, India G20 presidency and partners launch a Global Initiative on Digital Health (GIDH).

WSIS Action Line C7 eHealth
Key Milestones: 20 years of Achievements

World Summit on the Information Society

Launch of the Global Initiative on AI4H

Launch of Global Digital Health Certification Network

Resolution on Digital health

Public launch of the Global Initiative on Digital Health

eHealth Resolution

Repository of eHealth Strategies established

3rd Global survey in eHealth completed

WHO–ITU Digital Health Learning review Meeting

Launch of the WHO-ITU Digital Health Learning programme

2005 — **2009** **2010** — **2013** **2014** — **2015** — **2018** — **2020** — **2023** — **2024**

First global survey on eHealth completed

Second global survey on eHealth completed

eHealth standardization and interoperability resolution

DIGITAL INVESTMENT PRINCIPLES
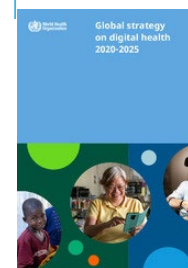
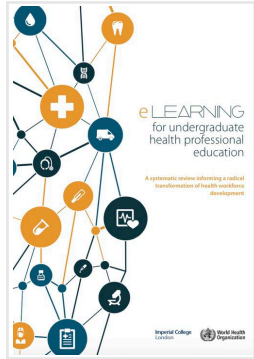Approval of the Global strategy on digital health

WSIS Action Line C7 eHealth
Key Milestones: 20 years of Achievements, continued
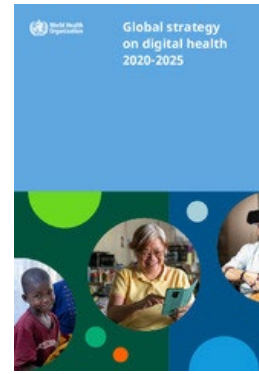

2012 WHO-ITU National eHealth toolkit.

2015 WHO report eLearning for undergraduate health professional education.

2019 WHO Recommendations on Digital Interventions for health systems strengthening.

2020 WHO-ITU Digital Health Platform: Building a Digital Information Infrastructure.
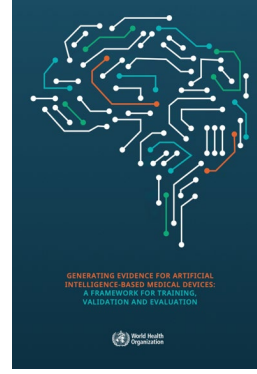
2020 WHO Global Strategy on Digital Health.

2020 IDB Governance for Digital Health : The Art of Health Systems Transformation.

2020 WHO Digital Implementation investment guide (DIIG).

2020 WHO Digital education for building health workforce capacity.

2021 WHO Generating Evidence for Artificial Intelligence-based Medical Devices.

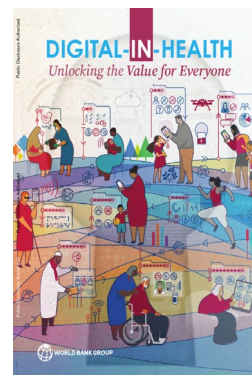**2021 WHO** Ethics and Governance of Artificial Intelligence for Health.

2022 WHO WHO-ITU Global Standard for accessibility of telehealth services.

2022 WHO Classification of digital interventions, services and applications in health.
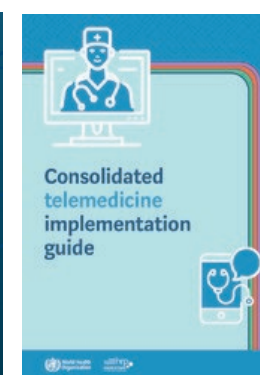
2022 BB Comm The Future of Virtual Health and Care.

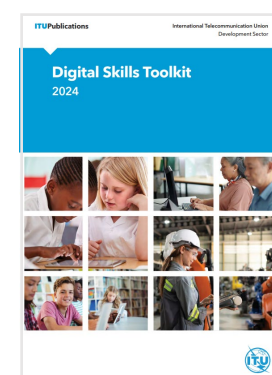**2023 WB** Digital in Health: Unlocking the value for everyone.

2023 WHO Regulatory Considerations on Artificial Intelligence for Health.
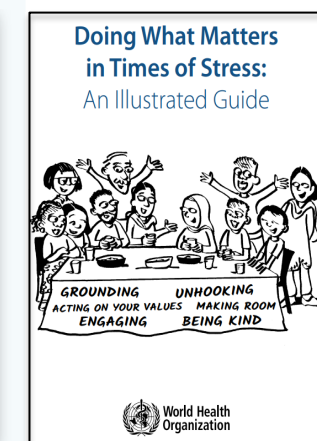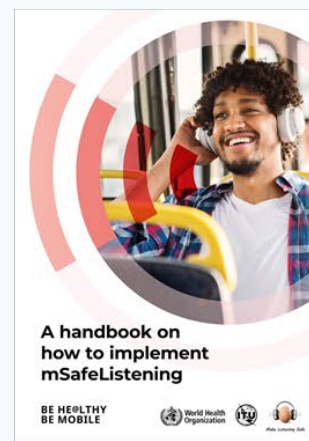
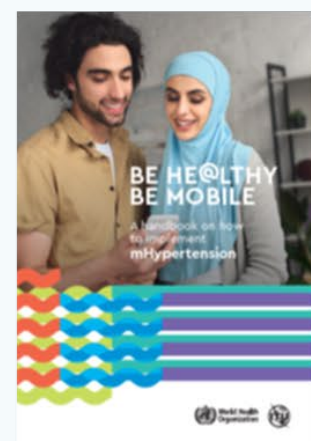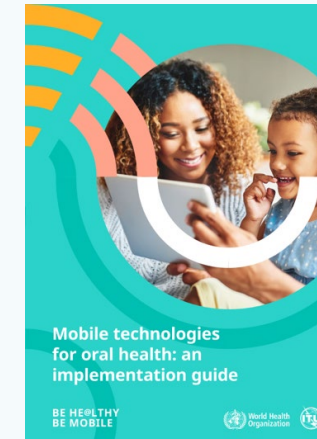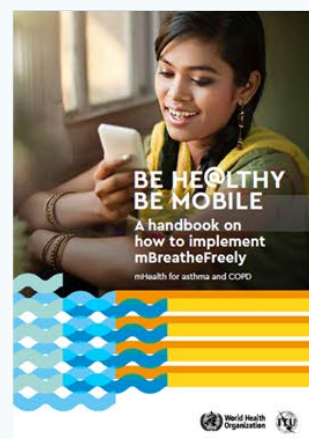**2023 WHO** Consolidated telemedicine implementation guide.

2024 WHO Ethics and Governance of AI for Health: Large Multi-Modal Models.

2024 ITU Digital Skills Toolkit

11 Be Healthy Be Mobile (BHBM) programmes on NCDs currently available, with 1 on mental health

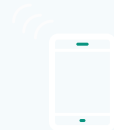# Challenges in implementing the Action Line C7 eHealth

Interoperability

Limited availability of digitall health skills

Infrastructure and Connectivity

Regulatory and Legal Frameworks

World Health Organization
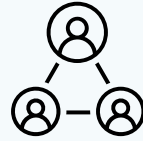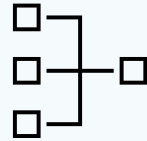
Trends Beyond 2025

 Artificial Intelligence and Machine Learning in Healthcare

 Telemedicine and Remote Patient Monitoring

 Digital Public infrastructure, Interoperability and Health Data Exchange

 Digital Therapeutics and Virtual Reality

 Genomics and Precision Medicine

World Health Organization

Opportunities Beyond 2025

Global Digital Health Mechanism such as :
- The Global Initiative on Digital Health
- The Global Initiative on AI for Health
- The Global Digital Health Certification Network
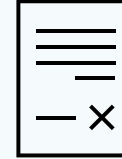
Global Mechanism's such as
- The Global Digital Compact
- The pact for the future
- The Global Strategy on Digital Health

Expanded Use of Digital Therapeutics

Advanced AI and Predictive Analytics

The Digital Public Infrastructure agenda

World Health Organization

The GIDH Timeline

January -August 2023 — G20 India Conceptualization of GIDH

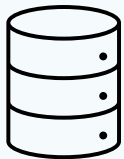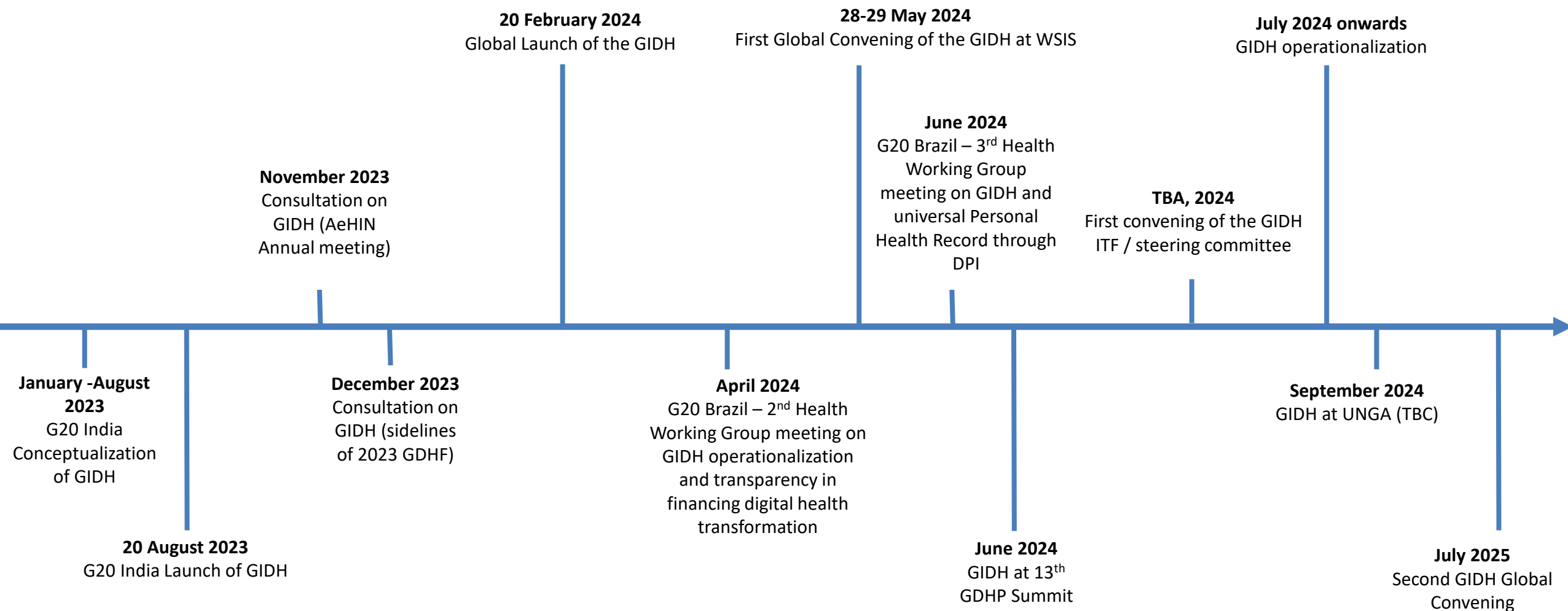20 August 2023 — G20 India Launch of GIDH

November 2023 — Consultation on GIDH (AeHIN Annual meeting)

December 2023 — Consultation on GIDH (sidelines of 2023 GDHF)

20 February 2024 — Global Launch of the GIDH

April 2024 — G20 Brazil – 2nd Health Working Group meeting on GIDH operationalization and transparency in financing digital health transformation

28-29 May 2024 — First Global Convening of the GIDH at WSIS

June 2024 — G20 Brazil – 3rd Health Working Group meeting on GIDH and universal Personal Health Record through DPI

June 2024 — GIDH at 13th GDHP Summit

TBA, 2024 — First convening of the GIDH ITF / steering committee

July 2024 onwards — GIDH operationalization

September 2024 — GIDH at UNGA (TBC)

July 2025 — Second GIDH Global Convening

Thank you!