Digital health systems and interoperability Working Group
DRAFT Terms of Reference

Objectives

1. Optimize the meaningful use and reuse of health information in low and middle income countries to support achievement of SDGs through the implementation of foundational digital health infrastructures.

2. Actively promote the development, use, and long-term support of digital health 'global public goods'.

3. Increase, in a measurable way, the level and alignment of country and partner investments in support of objectives 1 and 2.

(Potential) Deliverables 2016-2017 by objective

Objective 1

- In at least one country, support the Facility Data WG to integrate HMIS and IDSR with at least one functioning use case each that enhances the value of HMIS with IDSR data, and enhances the value of the IDSR with HMIS data. [Year 1]

- Within pathfinder countries, facilitate strategic digital health investment plans based on WHO-ITU Toolkit, WHO Digital Strategy Guidance and Implementation Tools, for systems strengthening and data use in one or more programmatic areas. [Year 1 and 2]

- A national-level HIS governance/coordination mechanism to provide coordination for planning and digital health investments will be functioning in HDC pathfinder countries. [Year 1 and 2]

- A costed digital health investment plan exists in each pathfinder country that supports the following: national eHealth plan, digital interoperability architecture, and a digital strategy for one or more programmatic areas. [Year 1 and 2]

- Health informatics expert will participate in HDC missions to pathfinder countries. [Year 1 and 2]

- In at least one country/region, establish an Interoperability Lab that supports testing and maintaining digital technology and related documentation related to interoperability. [Year 2]

- In at least one pathfinder country, provide digital health stakeholders an opportunity to engage in an Interoperability Lab to facilitate and demonstrate interoperability between digital tools and foster local use of comprehensive sets of data that will be made available by a successful implementation of a Health Information Exchange (HIE). [Year 2]

Objective 2

- Establish and mainstream use within pathfinder countries, a web-based technology registration system (supporting inventory and description of digital products/projects, and associated digital assets including data elements) that draws from existing global classification standards (ref WHO mTERG). [Year 1]

- Develop guidance and implementation recommendations for government-led investments into digital health strategies for addressing health information constraints for one or more programmatic areas. [Year 1]

- Develop documentation that operationalizes interoperability related to programmatic areas, reflecting the perspectives of different stakeholders groups (e.g. shows the value proposition for interoperability, and illustrates how). [Year 1]

- With pathfinder countries, facilitate the development and validation of an interoperability framework comprising an HIS interoperability assessment, readiness, and guidance tool for HIS enterprise architecture analysis to inform planning (incl. value proposition, reference architecture, procurement language, etc.). [Year 2]

- Develop a global, open-source standard for a national health facility registry. [Year 2]

Objective 3

- Develop operational guidance on investing in digital health technologies in low and middle income countries (e.g., language that can be used in procurements/RFAs put out by governments and donors) to help ensure that digital health investments are functional, sustainable, support national eHealth strategies, and foster re-use and interoperability. [Year 1]

- Convene at least one WG meeting/side-meeting in Asia and Africa to. [Year 1 and 2]

Digital Health Systems and Interoperability Working Group Workplan

Objective 1: Optimize the meaningful use and reuse of health information in low and middle income countries to support achievement of SDGs through the implementation of foundational digital health infrastructures.

Deliverable 1: Development and operationalization of a digital health ecosystem capability and maturity model to inform technical assistance and tool development

Products	Lead agency (ies)	Responsible	STATUS	Links to other WGs
1.1 Capability and maturity model	OGAC/HealthEnabled/ MEASURE Evaluation/ AeHIN/WHO	Paul Biondich/ Nadi Kaonga/ Sam Wambugu/ Alvin Marcelo/ Tigest Tamrat		
1.2 Inventory of global public goods that the working group can use/support	PATH	Lesley-Anne Long		

Objective 2: Actively promote the development, use, and long-term support of digital health global public goods.

Deliverable 2:

Products	Lead agency (ies)	Responsible		Links to other WGs
2.1 Creation of a business case/value proposition for investment into interoperable digital health public goods.	WHO/USAID	Garrett Mehl/ Bill Weiss		

Objective 3: Increase, in a measurable way, the level and alignment of country and partner investments in support of objectives 1 and 2.

Deliverable 3:

Products	Lead agency (ies)	Responsible		Links to other WGs