

Implementers' Experiences - Highlights from Ministry of Health in Ethiopia

Session Name: Implementers' Experiences: Highlights from Ministry of Health in Ethiopia

OHIE18 Event Page - ohie.org/OHIE18

Time / Room: 9:45 - 10:45 Marquee

Presenter:

- Fekadu Wannaw, JSI

Attendees:

- Paul Biondich

Etherpad Link: https://notes.ohie.org/2018-08-01_Implementers_Experiences_Ethiopia

Notes:

- There are two pillars in the information revolution
 - cultural transformation
 - digitalization pillar
 - DHIS2
 - eHA and interoperability layer
 - MFR
 - NHDD
 - eCHIS
 - POS to collect data at health post
 - Data Warehouse
 - EMR
 - other initiatives- telemedicine
- Governance of HIS (joint steering committee; IR steering committee; Digitalization TWG (lead by the HITD director)
- eHA
 - conceptual model that shows systems implemented and systems planned and how the data will integrate
 - MOH, JSI and Regenstrief
 - Future state includes shared service, HIS systems, Point-of-Service and an interoperability layer
- Components of eHA
 - governance
 - Shared service - MFR and terminology services are being implemented first and will be administered centrally
 - Interoperability service
 - Analytics - currently have a system called EDAP
- Initiatives
 - Application inventory - being implemented with the aim of collecting information about systems deployed or under development.
 - data from 16 moh directorates, 10 agencies, 7 hospitals - 44 unique applications so far
 - Piloting the interoperability layer
- stakeholders
 - FMOH, universities,
- Roadmap
 - Using the inventory to inform this

- Identifying scenarios and use cases
- establishing the interoperability layer and piloting it
- establishing governance
- Publication of eAH document and share it (living document)
- Determine what other shared services need to be included
- Capacity building for eAH
- Lessons learned
 - governance is critical
 - starting with small use cases
 - capacity building
 - standards- terminology and messaging
 - value of developing maturity models to measure improvement of the eHA periodically
 - apps inventory to help inform the eHA roadmap- will be imported
- On-going challenges
 - Cultural changes needs to drive the technology
 - Identifying clinical business processes to guide eAH use case selection
 - Competing priorities

Questions:

- Comparison of OpenHIM and OpenFN
 - did evaluation based on the requirements (functional and nonfunctional)
 - will make decision on which one to use based on our experience between these two solutions
- Steering Committee
 - two technical working groups (chaired by different departments of HITD and PPD)
 - digitization- all falls under the HITD (HITD TWG questions/ decisions will fall under this; eHA TWG will present to the HITD TWG)
 - larger group includes members from both the HITD and the Cultural TWG
- Shared challenges
 - what did we do to solve the challenges
 - strengthen the TWG that is working on the HITD
 - increase awareness to foster decision making related to governance
 - produce documents but need to respond to these concerns
 - building capacity within so that the MoH can lead these efforts
 - APP inventory
 - app inventory questionnaire adopted from the global health inventory
 - includes multiple details (API, standards used, detailed questions included)
 - developed mobile app to collect the standard data
 - Rolling out DHIS
 - reporting rate/ quality of data being reported
 - used to be two different systems-- harmonize with one system (DHIS2); started in 2017
 - core customized to Ethiopian context
 - own calendar

- indicator revision
- different approaches to deployment
 - two versions (one on line and one off line- off line in health centers; data entry and then export the file using flash drive)
- current focus on data completeness; will be able to talk about data quality in DHIS 2 later