



Capacity building in Health Information Systems 20 years of experience

Health Information Systems Program
DHIS 2

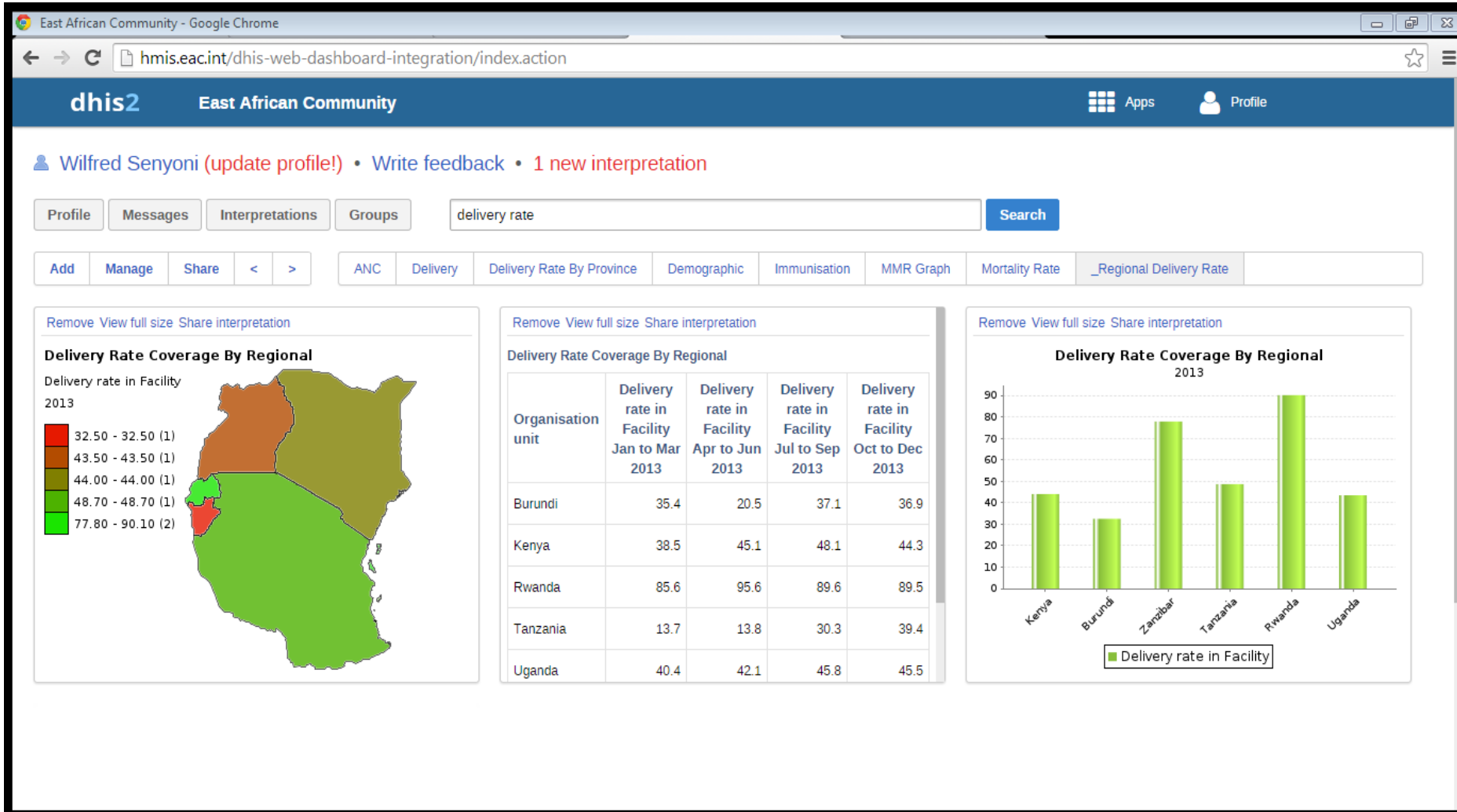
Health Information Systems Program

District Health Information Software - DHIS 2

- DHIS 2 is an open source software platform for reporting, analysis and dissemination of data
- Shared and integrated data warehouse: **information for action**
- **Aggregate** and **individual** records, and capture of single events
- Capacity building – education and research

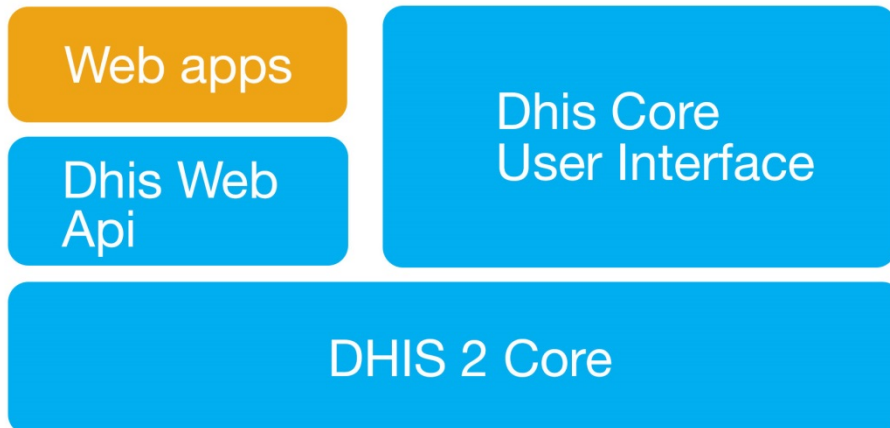


Facility Delivery Rate Coverage In EAC Member States



DHIS2 as a platform

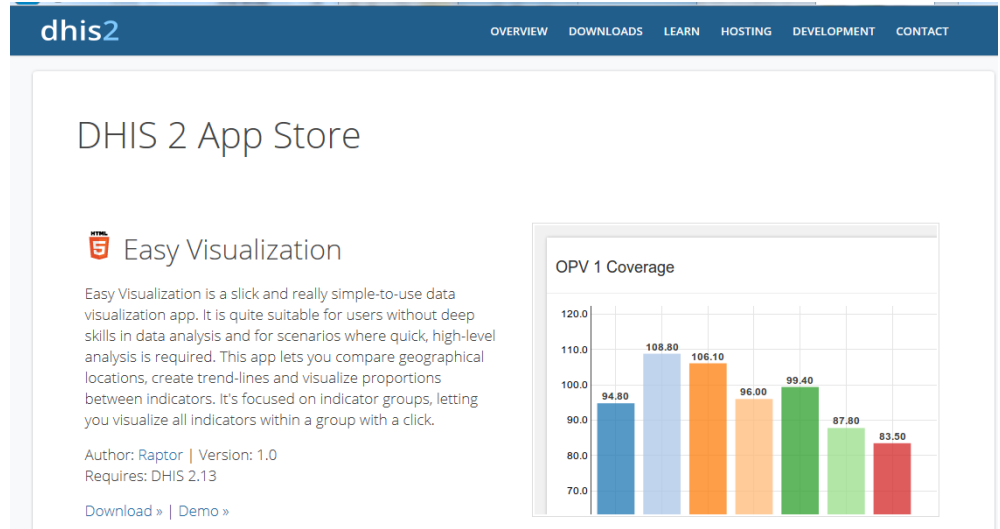
- Generic and generative platform - supports a wide range of uses also beyond the health sector
- Allows for **distributed innovation** in a wide network
- Flexible configuration and **customization** for a range of organizations and use cases
- Allows for new functionality through **open APIs** and **app development**



Apps can be selected from DHIS2 App store

...Or be developed

We encourage
people to make apps
generic and share



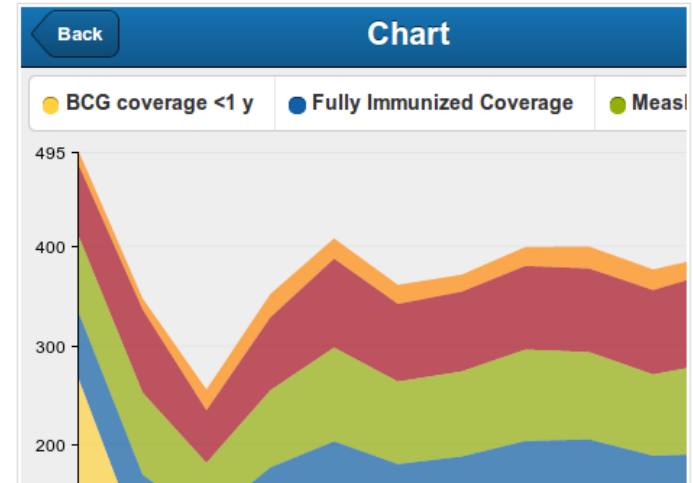
The screenshot shows the DHIS2 App Store interface. At the top, there is a navigation bar with the 'dhis2' logo and links for OVERVIEW, DOWNLOADS, LEARN, HOSTING, DEVELOPMENT, and CONTACT. The main content area is titled 'DHIS 2 App Store'. Below this, the 'Easy Visualization' app is featured. It includes a description: 'Easy Visualization is a slick and really simple-to-use data visualization app. It is quite suitable for users without deep skills in data analysis and for scenarios where quick, high-level analysis is required. This app lets you compare geographical locations, create trend-lines and visualize proportions between indicators. It's focused on indicator groups, letting you visualize all indicators within a group with a click.' Below the description, it lists 'Author: Raptor | Version: 1.0' and 'Requires: DHIS 2.13'. There are links for 'Download »' and 'Demo »'. To the right of the text is a bar chart titled 'OPV 1 Coverage' with six bars of different colors (blue, light blue, orange, light orange, green, red) and their respective values: 94.80, 108.80, 106.10, 96.00, 99.40, and 83.50.

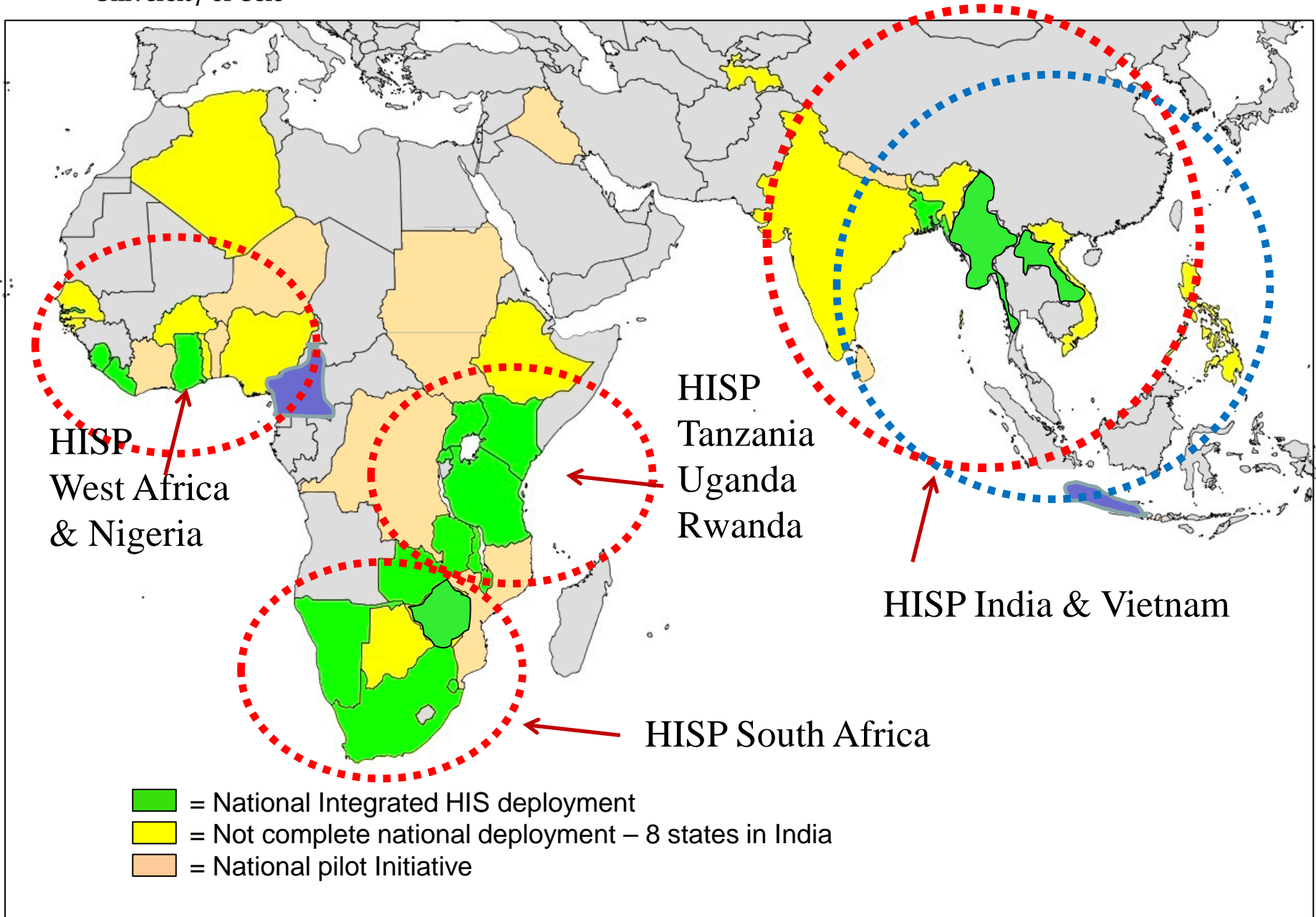
Mobile Data Visualizer

The mobile data visualizer is an app which lets you visualize and explore your data as a wide range of chart types, including bar, column, line, area and pie. It is optimized for touch-screen devices and lets do you advanced analysis straight from your phone or tablet. You can do dynamic analysis which can later be saved as favorites and easily loaded later.

Author: Yuriy Ivanovich | Version: 1.0
Requires: DHIS 2.13

[Download »](#) | [Demo »](#)



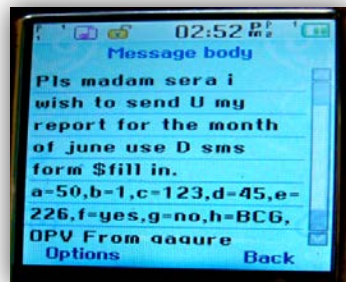
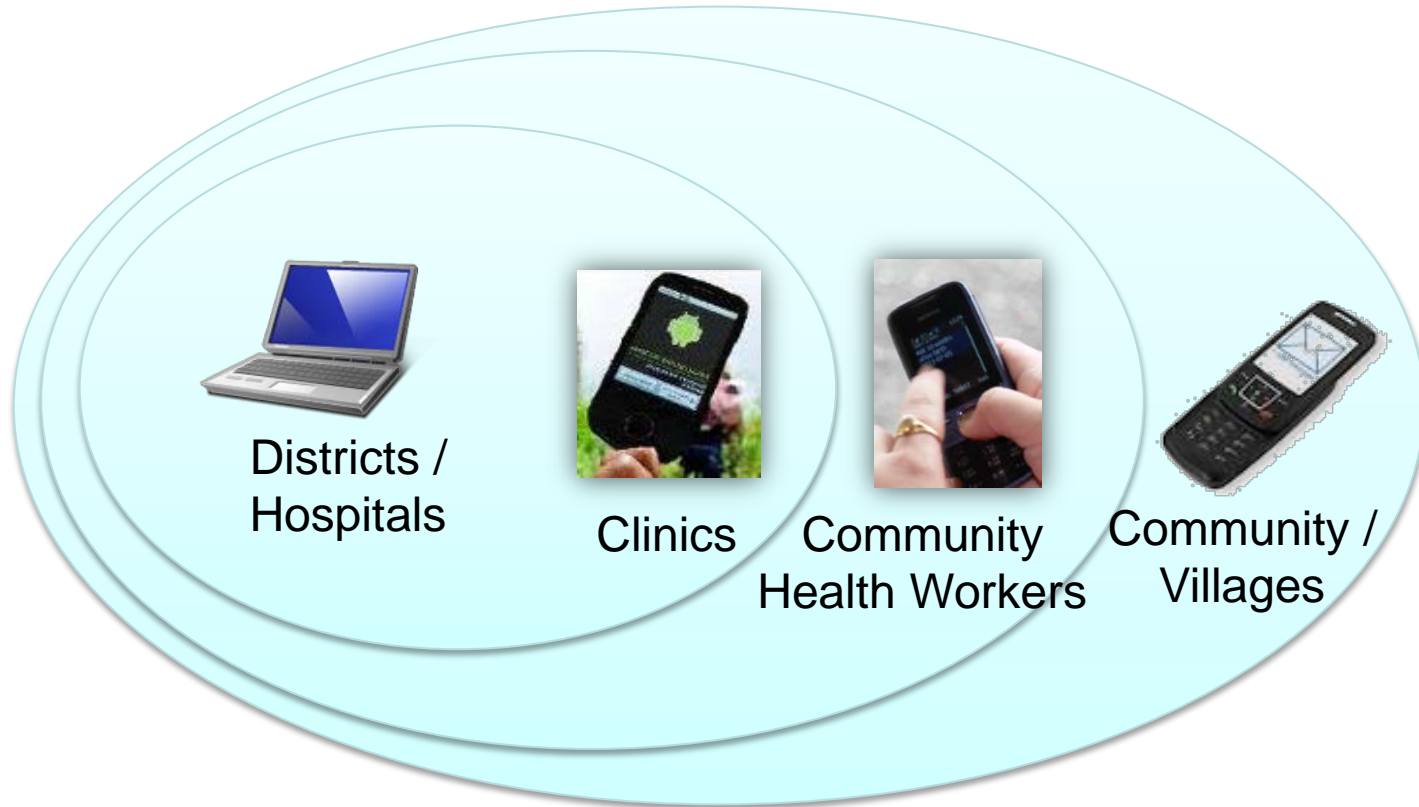


Zimbabwe Malaria Pre-elimination Case

- Individually followed up to household
- Paper based vertical system at remote facilities
- Household data collected, including GPS



Extending the DHIS reach through mobiles



SMS



Java



Browser

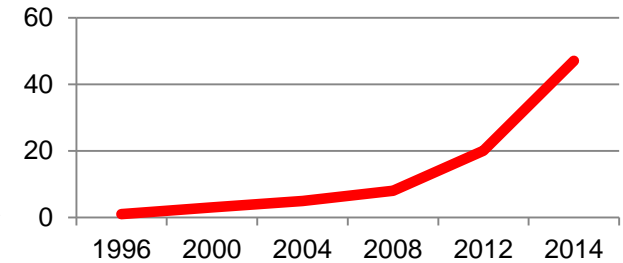


Android



PC/laptop/tablet

Scaling support in countries



- Rapidly increasing demand for support
 - Focus on building regional capacity
 - Regional experts support country implementations
 - Partnerships – common projects
 - Open community – everyone can contribute and «own» implementations

DHIS2 Academy

- Regional workshops – 3 levels
- New functionality, customization and advanced use
- South – South collaboration and sharing



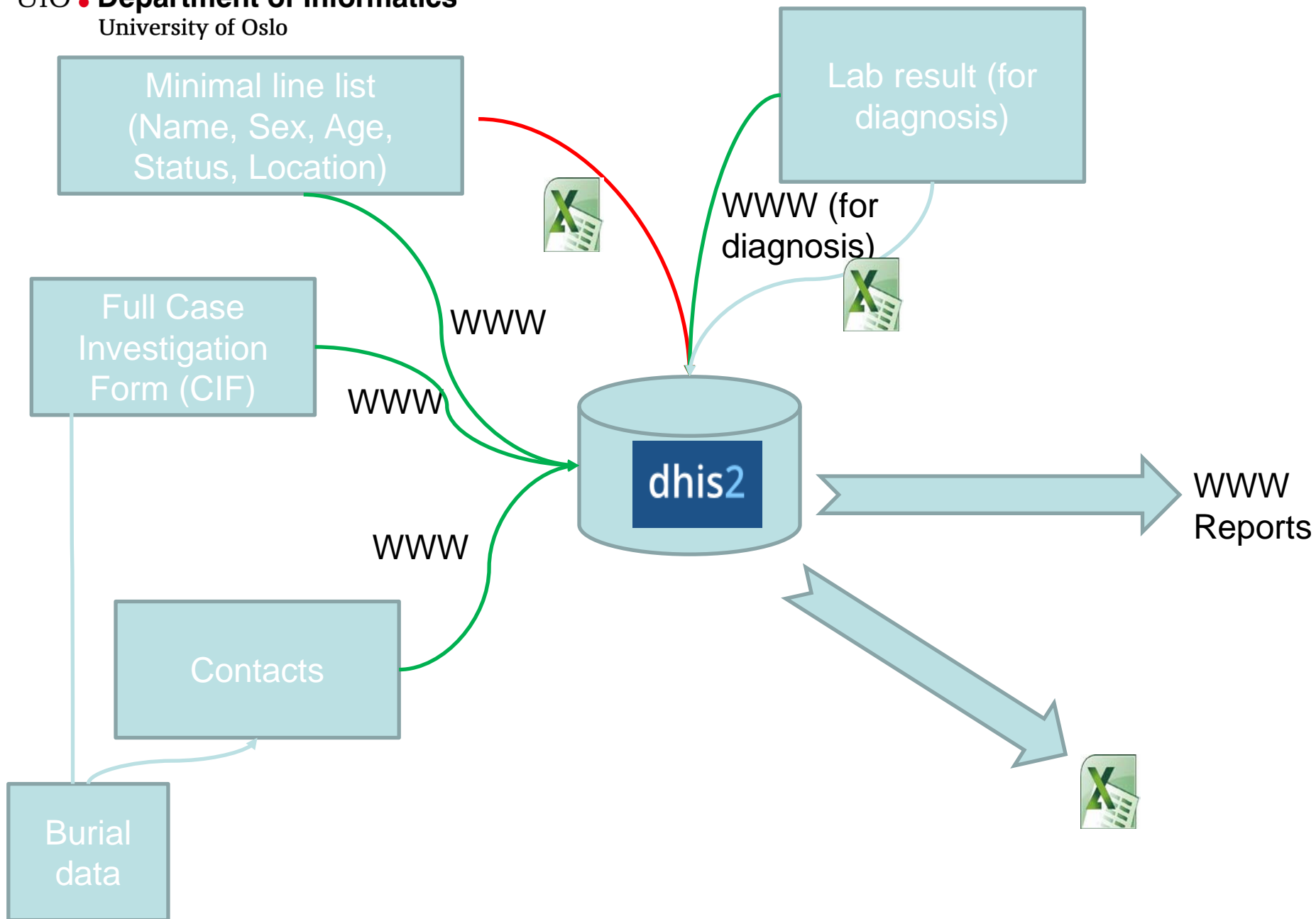
DHIS 2
Academy,
Vietnam
February 2014

DHIS 2 Academies for 2015



Ebola Cases & Contacts on the App Platform Knut



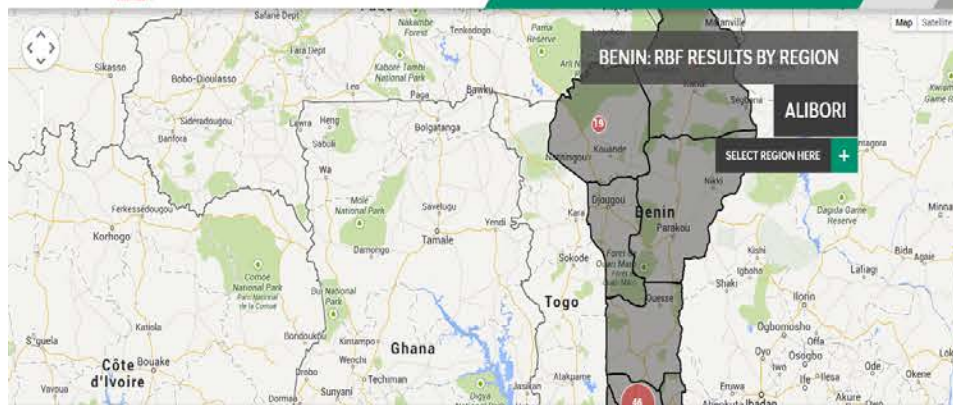


Palestine

- the first country implementation
- Implementing a national RMNCH registry with DHIS 2 Tracker
 - all health facilities in West Bank and Gaza
- Part of a bigger WHO & Norway collaboration to establish a Palestinian Public Health Institute
- Important reality check (prototyping) for the NIPH model for electronic registries in resource-constrained settings



One real-time web dashboard for reporting to GAVI



RBF IN BENIN

The Ministry of Health of Benin supports the health facilities based on performance. This performance is assessed by external independent organizations

REAL TIME RESULT

EVOLUTION | 4/2013-9/2013 COMPARED TO 4/2012-9/2012



 [SEE DETAILED RBF RESULTS IN BENIN](#)

The quality of health care is measured continuously. Results are verified by independent organizations.

TOP QUALITY

