



Health Information Systems Programme

The history of DHIS 2*

***(District Health Information System)**

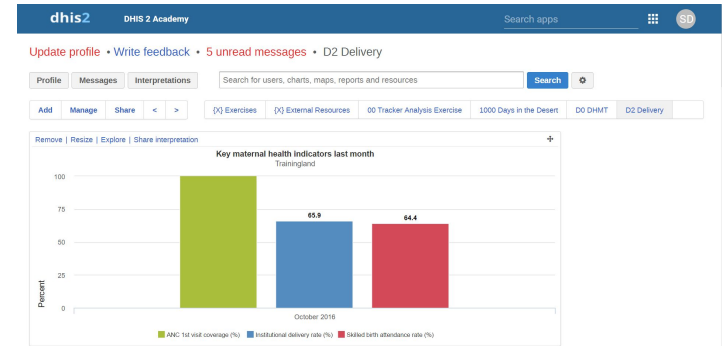
Presentation Overview

- Learn about HISP and DHIS 2
- See the community behind the software
- A quick overview of DHIS 2 features
- DHIS2 as an integrated data warehouse
- Learn to see DHIS 2 as an information sharing and analysis tool, not only a data collection system

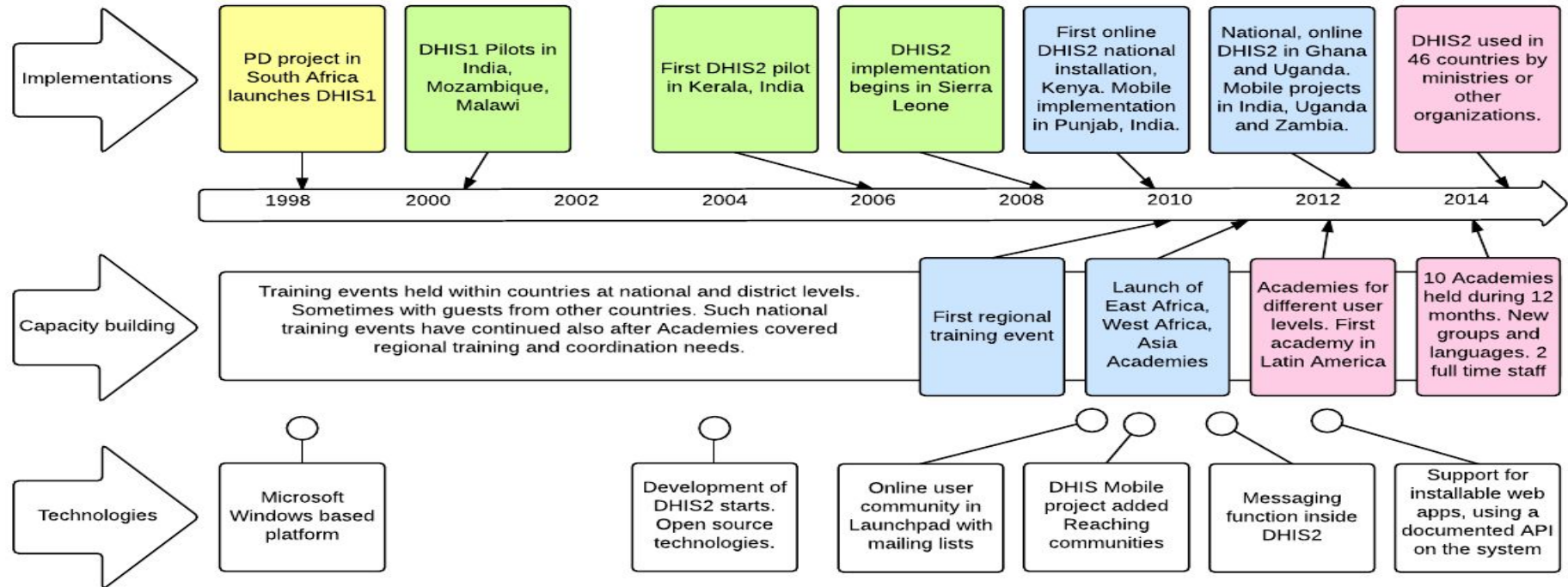
Health Information Systems Program

District Health Information Software - DHIS 2

- HISP a global **action research network** initiated as a Dept. of Informatics, University of Oslo and University of Western Cape collaboration in 1994 funded by Norad.
- DHIS 2 is an open source software for reporting, analysis and dissemination of data for **all** health programs
- Shared and integrated data warehouse for essential health data: **information for action**
- **Aggregate, events, and patient data**



Brief history of DHIS 2

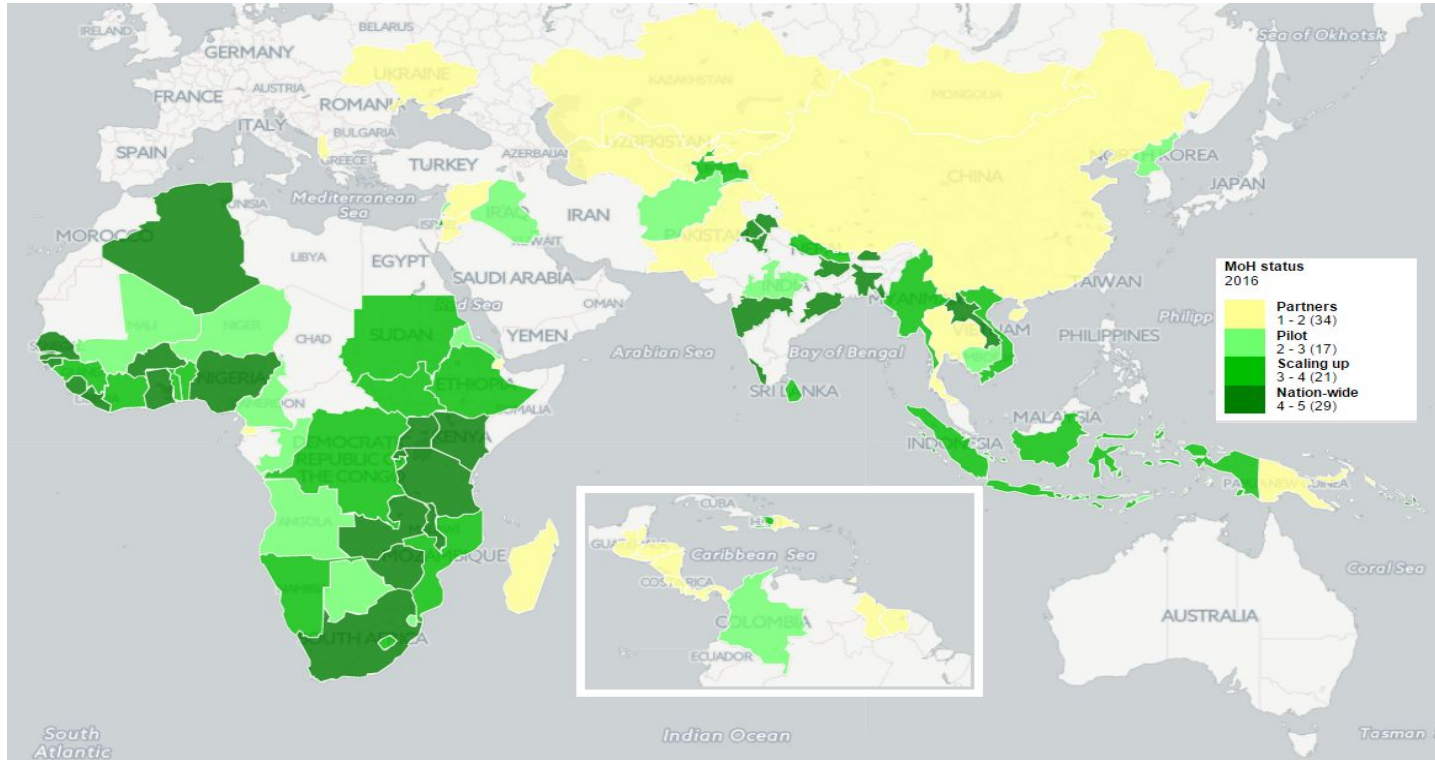


DHIS 2 country status 2016

National
standard:

National standard in 29 countries + 7 Indian states
Used in 58 PEPFAR countries.

Bangladesh
Bhutan
Burkina Faso
Ghana
Guinea-Bissau
Kenya
Laos
Liberia
Malawi
Nigeria
Rwanda
Senegal
Sierra Leone
Solomon Is.
South Africa
Tanzania
The Gambia
Uganda
Vanuatu
Zambia
Zimbabwe



<https://play.dhis2.org/world>

DHIS2 Network of Action

- Open source development in a global network
 - HISP Vietnam, HISP Tanzania (UDSM), HISP Uganda, HISP India, HISP US, HISP UiO, HISP SA, Abaris, Thoughtworks, PSI, BAO
- HISP nodes in multiple countries
 - HISP Nigeria, HISP Rwanda, HISP Bangladesh, HISP West Africa, Akros, and many more
- Regional level Use
 - Regional DHIS2 for ECOWAS (Economic Community of West African States, West Africa Organization covering 15 countries)
 - East Africa Community (EAC)
 - Malaria Surveillance in Greater Mekong Sub-Region

DHIS 2 Academies

- Regional workshops
- Level 1: Information Use, Customization, Tracker
- Level 2: Specific Advanced Topics
- Share experiences across countries
- Learn about new DHIS functionality, customization and advanced use



DHIS2 Tracker
Academy
Maputo,
Mozambique

DHIS2 as a platform

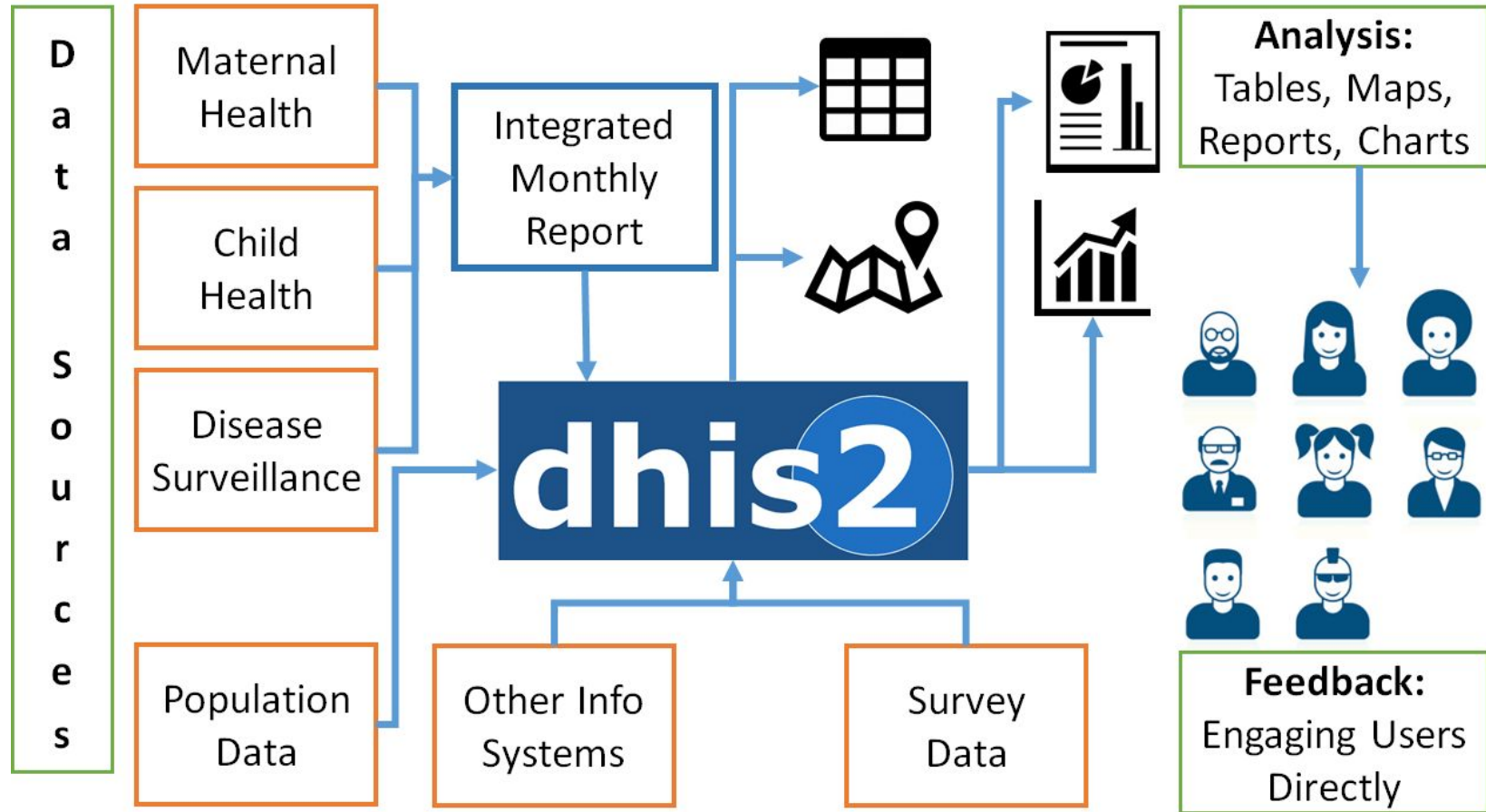
- Generic and generative platform - supports a wide range of uses also beyond the health sector
- Allows for **distributed innovation** in a wide network
- Flexible configuration and **customization** for a range of organizations and use cases
- Allows for new functionality through **open APIs** and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



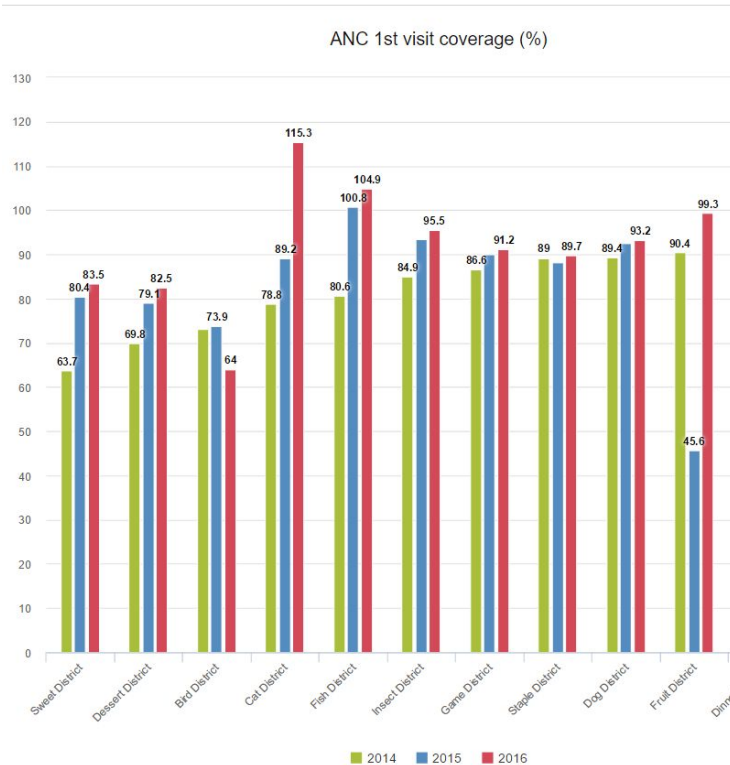
Long term sustainability

- Not a 'one off' / 'off the shelf' product
 - Need to consider both initial– and recurrent support
- DHIS 2 is
 - Highly configurable
 - 'Organic' part of the *changing* health system: needs continued further development & maintenance
 - Core team capacity development crucial
- Without funding & support, *implementations deteriorate over time*

A Data Warehouse for Local Action



DHIS2 Sharing, Descriptions and Interpretations



SHARING SETTINGS

ANC : 1st visit coverage (%) by District, Last 3 Years

Search for user group

+

Created by Shurajit Dutta

Allow external access

☐

Public access

None

District MCH

Can view

Save

Details

This chart shows the ANC 1st visit coverage by District within Trainingland for the last 3 years. We can see that the coverage is consistently low in Bird District. In [\[Edit \]](#)

Owner: Shurajit Dutta

Created: 2016-11-02

Last updated: 2016-11-02

Views: 1

Sharing: Public: None + Group District MCH [\[Edit \]](#)

Interpretations

Write interpretation

Shurajit Dutta

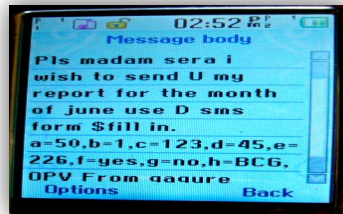
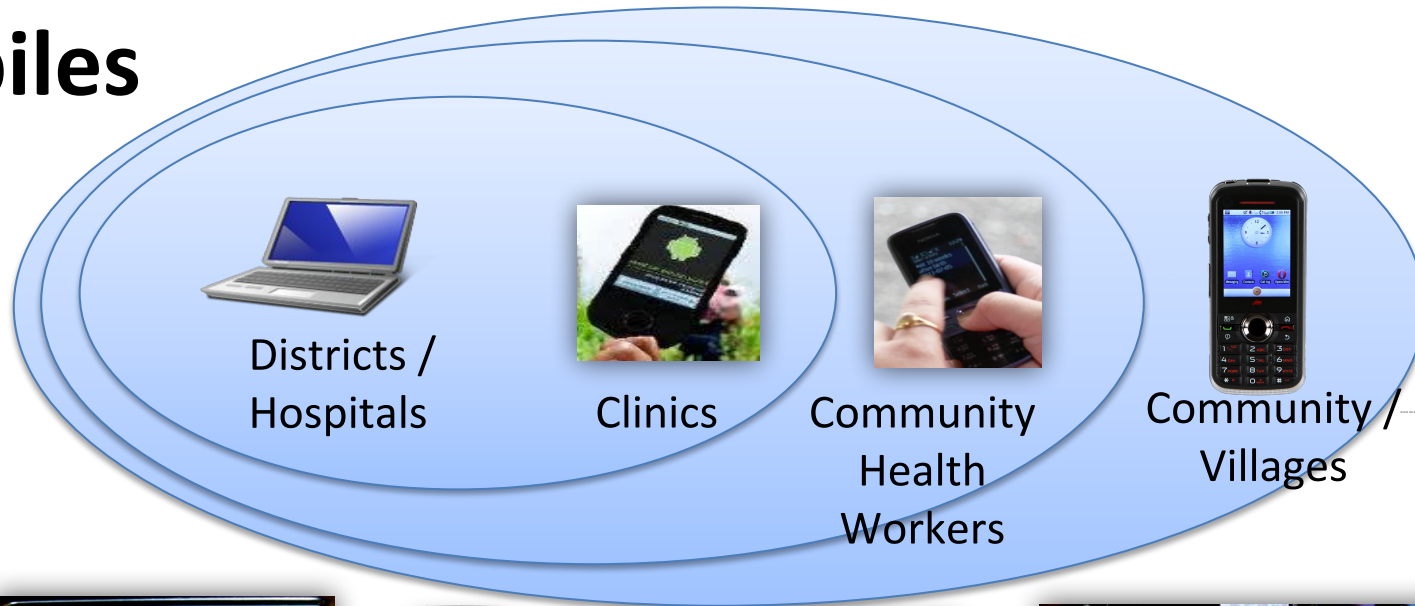
2016-11-02

An Investigation into the low rate in Bird District needs to occur. Also, what happened in Fruit District in 2015? This seems quite problematic compared to their other rates.

0 people like this · 0 people commented

Routine collection and use of information to make **decisions** regarding the **effective** and **efficient** allocation of **resources**

Extending the DHIS reach through mobiles



SMS



Browser



Android



PC/laptop/tablet

Online resources

<https://www.dhis2.org/>

<https://play.dhis2.org/>