

dhis2

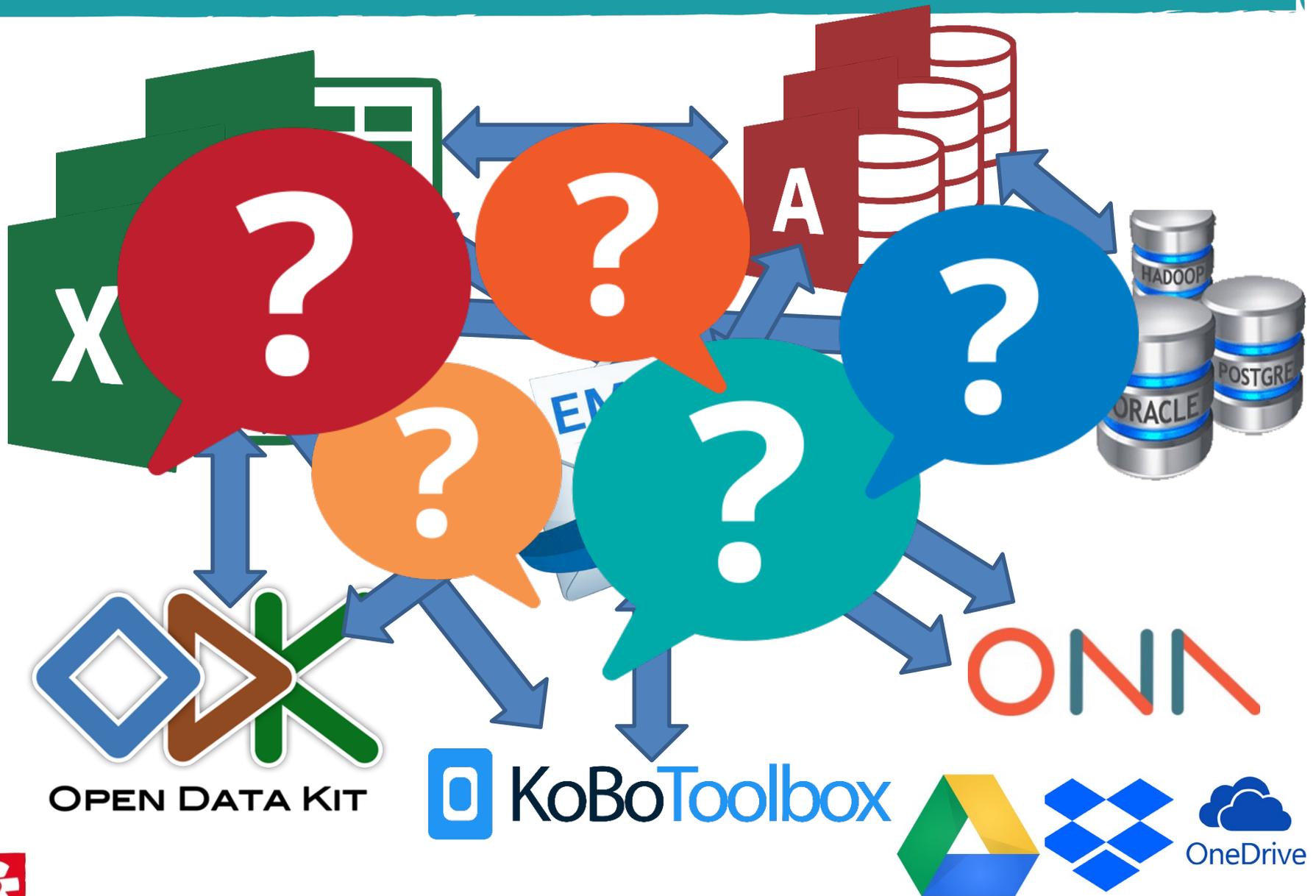


DHIS2: Transforming the Information Management at your organization?

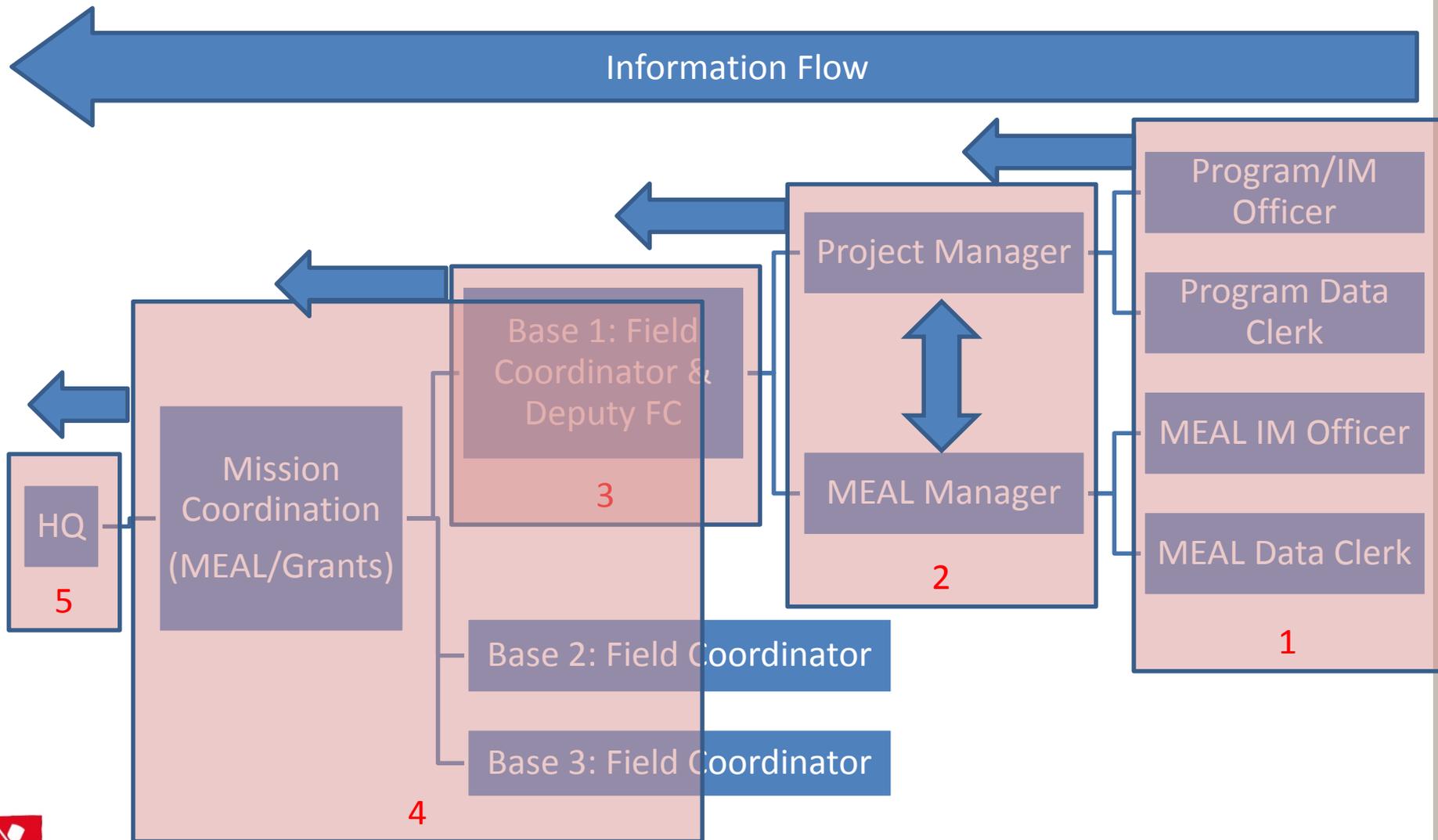
IMWG 06 Mar 2019

Bernard Sadaka (Information Management Advisor)

Information Management Tools



Information Management Reporting



What is DHIS2?

District Health Information Software:

- Flexible
- Web-based
- Open source and free
- Information Management System
- With awesome visualization features
- Including GIS, charts and pivot tables



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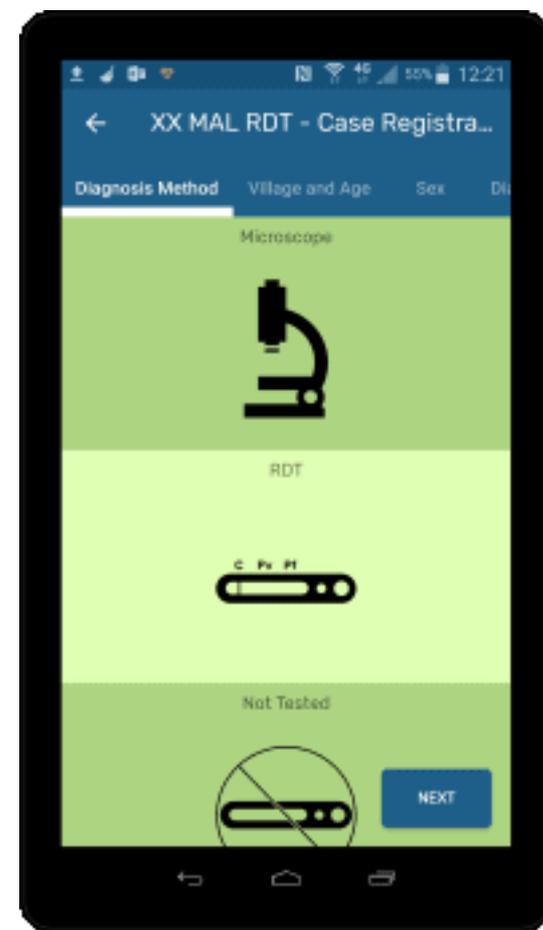
<https://dhis2.org>



What can we do with DHIS2?

- Collect, Manage, Visualize and explore your data
- Programming
- Analyzing
- Reporting
- Decision Making
- Monitoring

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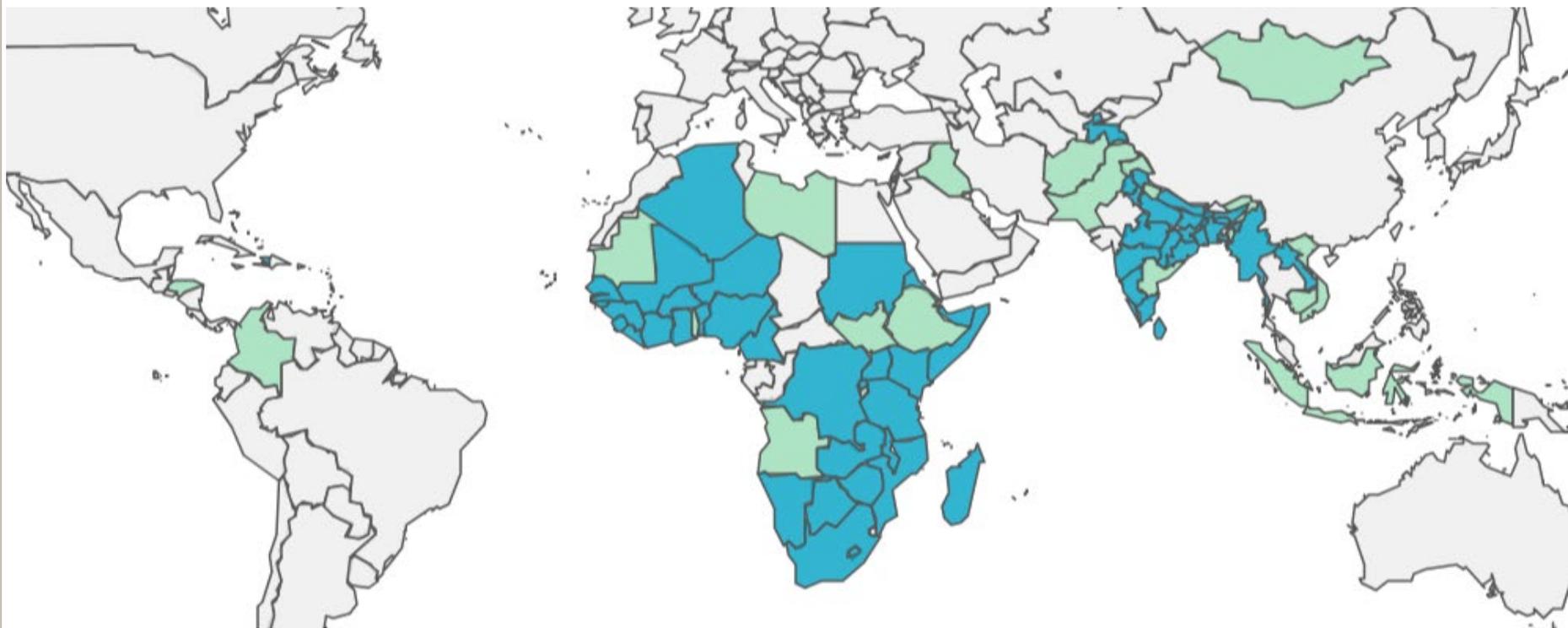
Who develops DHIS2?

- Development Managed by (HISP) at the University of Oslo (UiO).
- HISP is:
 - a global network comprised of 11 in-country and regional organizations,
 - providing day-in, day-out direct support to ministries and local implementers of DHIS2.
- Well maintained development
- Daily patches to bugs
- 3-4 new versions per year
- Active development of mobile app



Where is DHIS2 deployed?

- in use by 67 low and middle-income countries
- National-scale deployments in 46 countries
- NGOs use it in 100+ countries

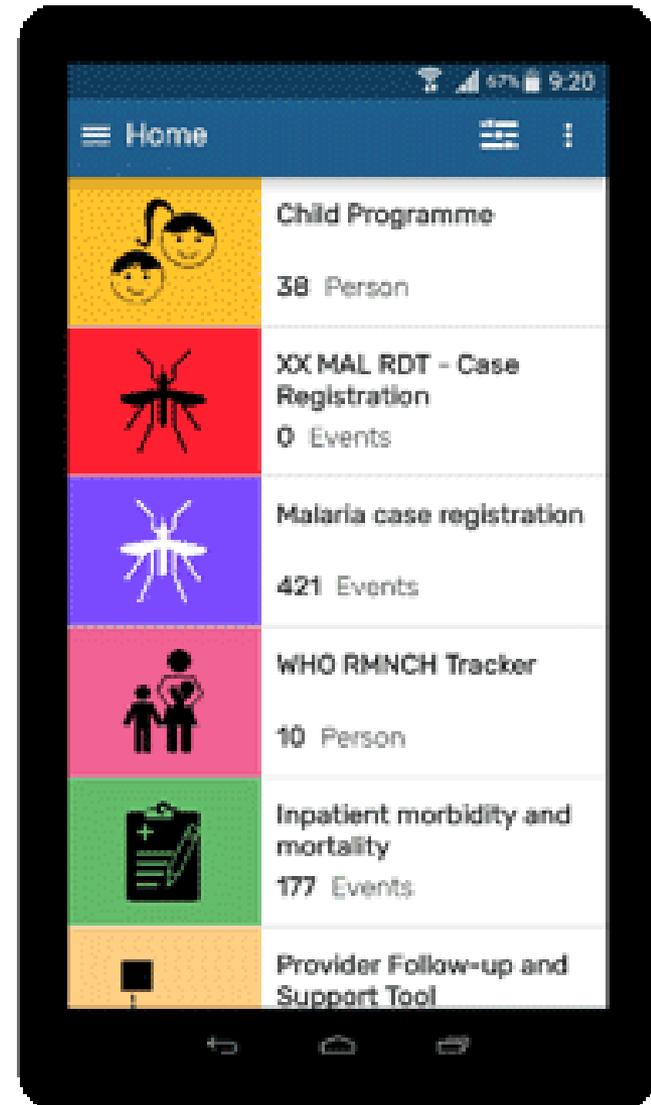


How can we use DHIS2?

- Online and Offline
- Mobile/Tablet/Computer Data Collection
- At the office and in the field
- User friendly Interface

Profile

Personal ID Type	Select or search from the list
Personal ID	<input type="text"/>
Family PHCC ID	<input type="text"/>
Individual PHCC ID	<input type="text"/>
Patient PHCC Medical Record ID (PID)	<input type="text"/>
Gender	Select or search from the list
Date of Birth	yyyy-MM-dd



What does DHIS2 allow?

- Aggregated data capture

Filter in section	Syrian		
	0-5	6-17	18-59
	Female	Female	Female
Number of ANC Visits	54	54	4
Number of OB/GYN consultations	45	45	45
Number of pregnant women	45	45	45
Number of pregnant women receiving 4 ANC visits	8	78	78
Number of women attending at least one PNC visit (Annex)	21	2	12
Total-Contraceptive Pills	8	8	8
Total-Injection	8	9	7
Total-IUD	8	8	78
Total-Number of pregnant women supported for diagnostic test services	8	7	8



What does DHIS2 allow?

It allows:

- Onetime Assessment events:

- PDMs
- PSS
- Other assessments usually collected using ODK

(for programs/activities that don't need to track the beneficiary over time)

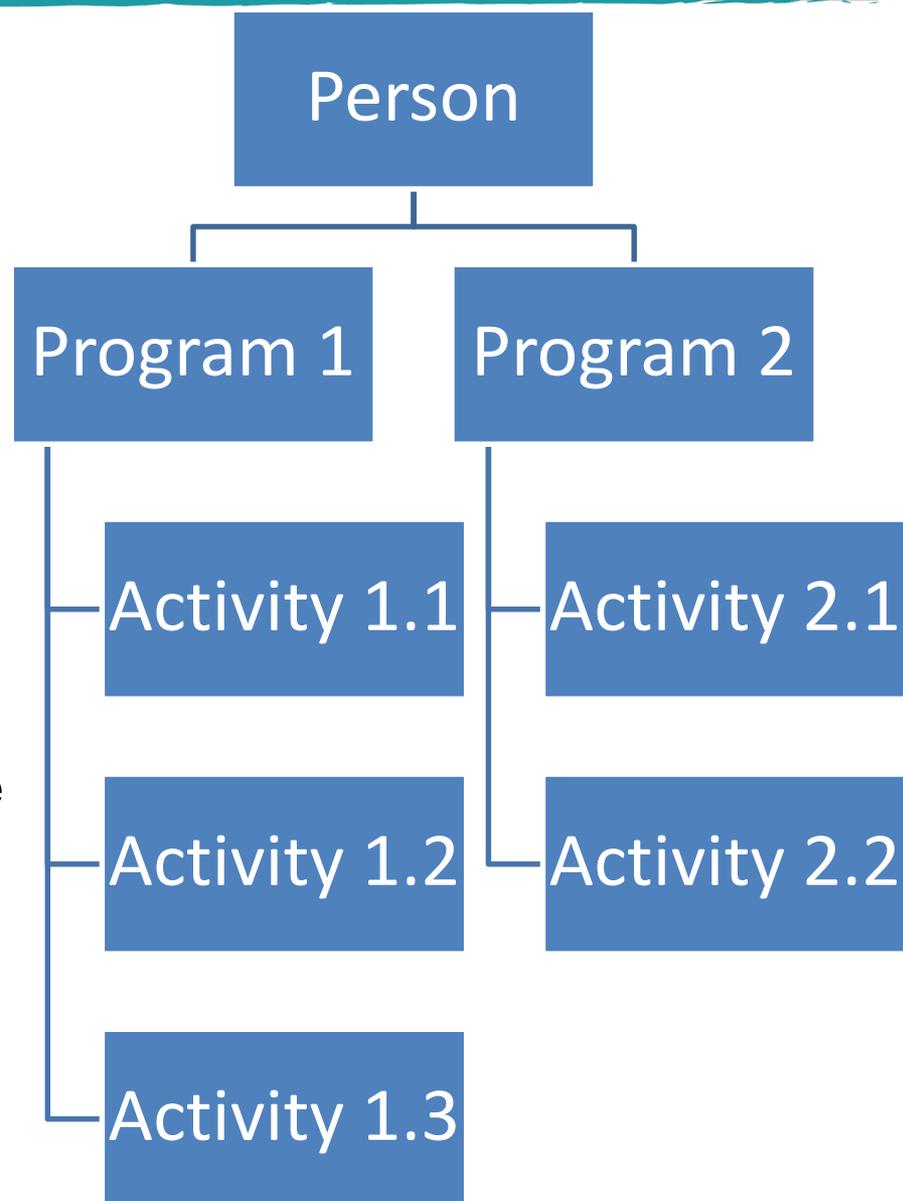


What does DHIS2 allow?

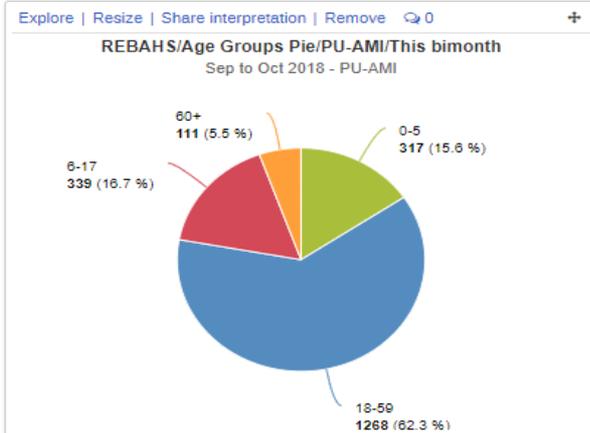
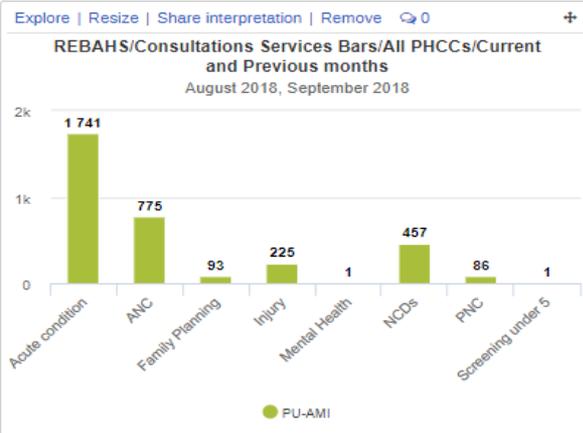
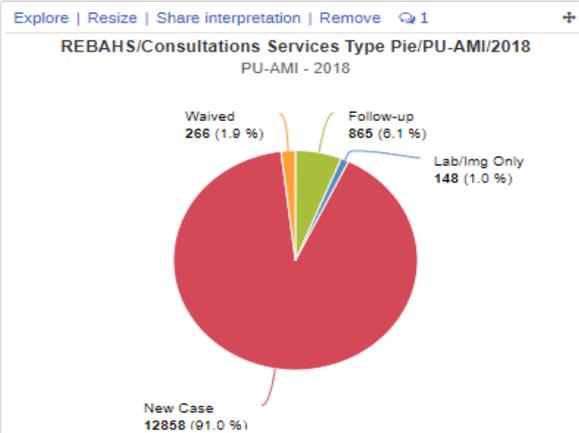
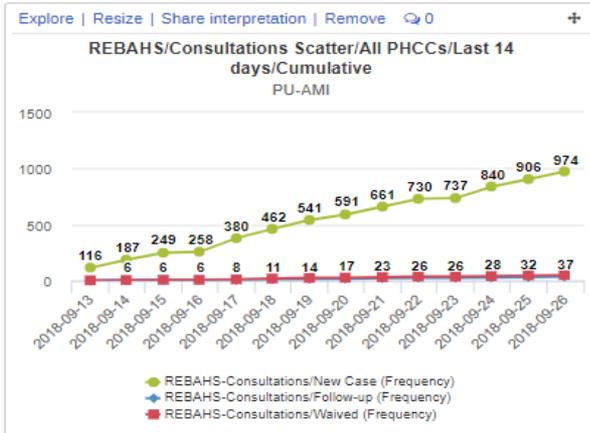
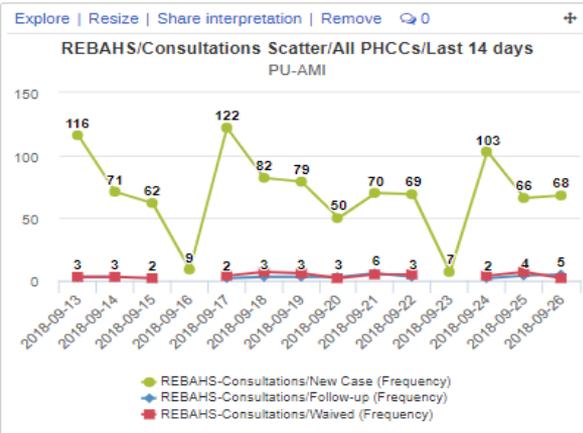
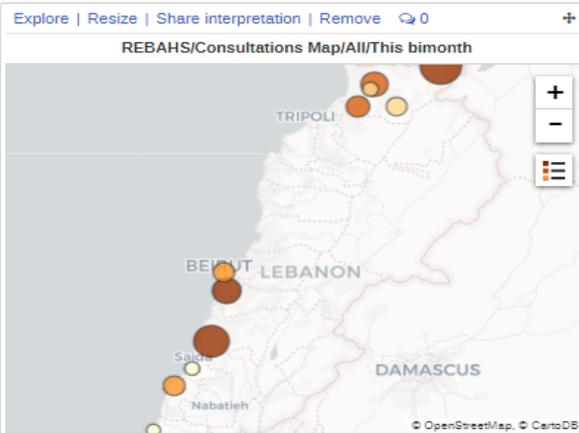
It allows:

- Transactional, case-based data records:
 - Beneficiary information
 - Program enrollment information
 - Services provided under each program

(This enables the tracking of the beneficiary throughout the whole system, programs and services/activities)



DHIS2 tools



Explore | Resize | Share interpretation | Remove 0

REBAHS/Reports/Consultations/Split per PHCC/Saida Base/Last 7 days

Organisation unit	Chowaifat							Srehta Health Center							Total		
	2018-09-20	2018-09-21	2018-09-22	2018-09-23	2018-09-24	2018-09-25	2018-09-26	2018-09-20	2018-09-21	2018-09-22	2018-09-23	2018-09-24	2018-09-25	2018-09-26			
REBAHS-Consultations/New Case (Frequency)		7	10		16	12	9	54		11		5		10	5	40	94
REBAHS-Consultations/Waived (Frequency)		1	2		1	2	2	8									8
REBAHS-Consultations/Follow-up (Frequency)										1				1		2	2
Total		8	12		17	14	11	62		12		5		11	5	42	104



DHIS2 additional features

Few additional features:

- Automatic Indicator calculation
- Automatic scoring of Assessments
- Easily creating Reports, Pivots...
- Completed data can not be edited
- Data is available seamlessly
- Data is highly auditable
- Writing Interpretations

Interpretations

[<< Clear interpretation](#)

Akkar Health PM Farah Sleiman 2018-05-08

- CMC PHCC only started implementation on the 13th of Mar 2018 after opening the bank account an providing needed documents, subsequently only providing subsidized services during half the number of working days. - CMC recently joined MoPH network and did not receive the essential medication provided by MoPH, which had an impact on the number of consultations - the lack of outreach activities in the PHCC catchment area also had an impact on the number of consultations

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 0 people like this

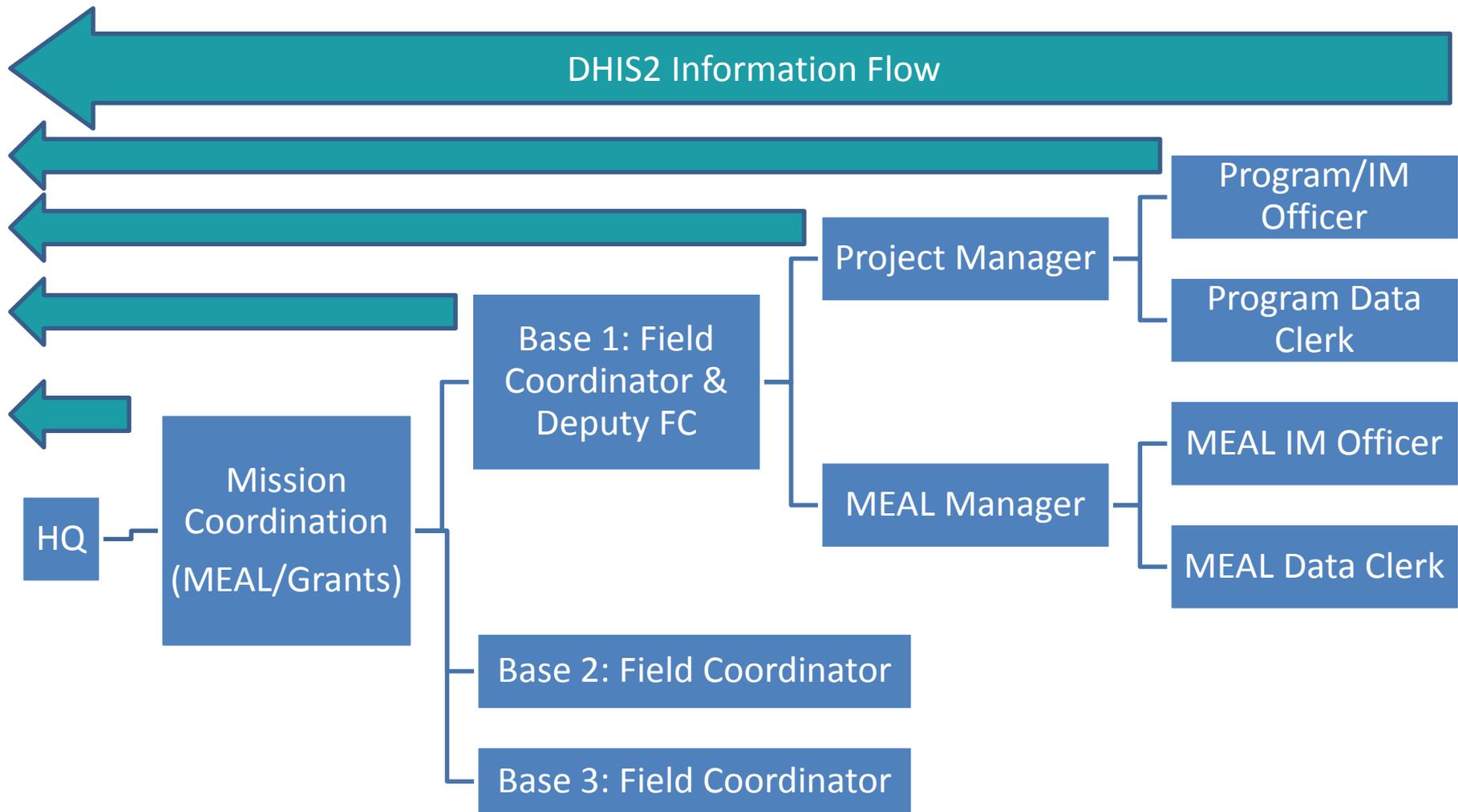
AI

Write a comment, question or interpretation

[Post Comment](#)



DHIS2 information Flow



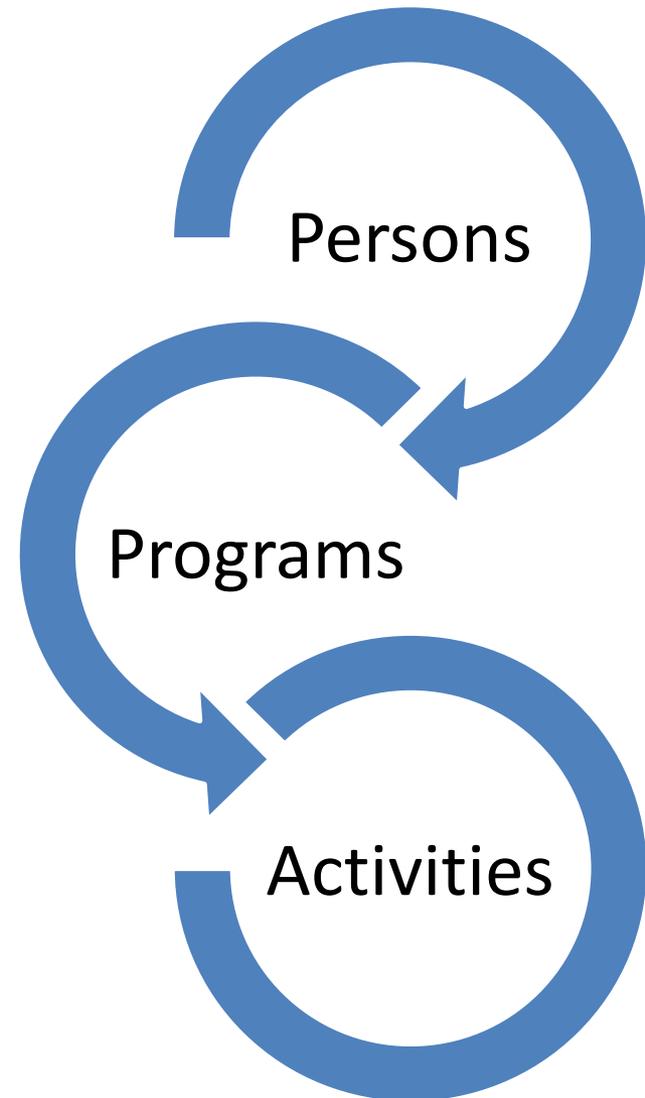
DHIS2 Security & Confidentiality

SECURE
&
CONFIDENTIAL

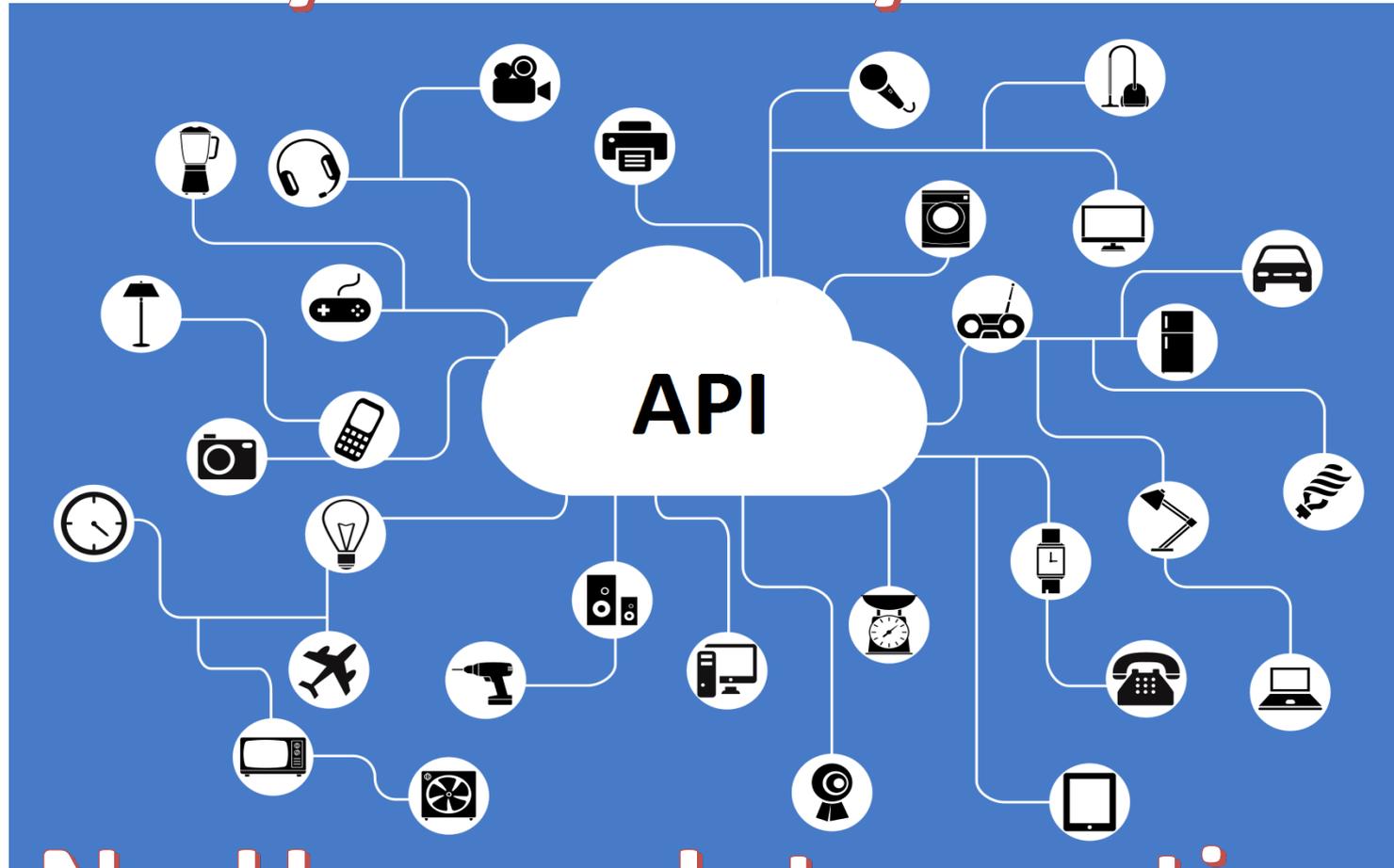


DHIS2 Potential Uses

- Health Information Management Software (Main use)
- Any programming:
 - Shelter
 - WASH
 - FSL
 - Protection
 - Health
 - ...
- MEAL activities
- Accountability (Hotline, Referrals, Feedback, Complaint)



System to System



No Human Intervention



DHIS2 & Integrated Approach

Enrollment

Selected program

Enrolling organisation unit: test PHCC Saïda 1

Enrollment date: 2018-09-27

[Complete](#) [Deactivate](#) [Delete](#)

Other programs

REBAHS Referral

Shelter

Wash

ECA

Current selections

Organisation unit: test PHCC Saïda 1

Program: REBAHS

Profile | Edit

Personal ID Type *: UNHCR Casenumber

Patient PHCC Medical Record ID (PID) *: ST1/12344/43

Gender *: Male

Age Group *: 0-5

Nationality *: Syrian

Governorate *: Nabatiyeh

District *: Beirut

Relationships | Add

No relationships exist

Notes

Your note here

[Add](#) [Clear](#)

No notes exist

Messaging

Timeline Data Entry

Stage 1 → Stage 2 → Stage 3

Data element	Visit to PHCC 1	Visit to PHCC 3	Current (Visit to PHCC 2)
PHCC Visit date	2018-09-27	2018-09-19	2018-09-27
Organisation unit	test PHCC Saïda 1	test PHCC Saïda 1	test PHCC Saïda 1

Visit Details

Data element	Visit to PHCC 1	Visit to PHCC 3	Current (Visit to PHCC 2)
Type of Service *	Follow-up	New Case	New Case
Waived Details *			Select or search from the list
Service *	ANC	Mental Health	Family Planning
Service other			
Provider *		Cardiologist	Midwife
Provider Other			
Provider Name *		AKK/Aranissa/Ahmad Khaled/General Physician	AKK/Aranissa/Berri El Assaad ...
Minor surgery / Other procedures Details		Removal of stitches/suture (**)	Select or search from the list



DHIS2 at PU-AMI

In Lebanon:

- Already implemented: Health Project with MADAD (REBAHS)
- Currently being implemented: Hotline Referral Feedback Complaint Mechanism
- Next step: Shelter activities



**PREMIERE
URGENCE
INTERNATIONALE**



DHIS2 Additional resources

- Live demo: <https://play.dhis2.org>
- Video/Demo <https://vimeo.com/81510681>
- DHIS2 academy:
https://academy.dhis2.org/courses/HISP/DHIS2_Level1/2015_Q1/about
- Status DHIS2 MoH implementations Nov 2018:
<https://docs.google.com/spreadsheets/d/1wPi1FJh-Wo0cdtPlcloCC8a9eOPF7pk20tg4ekRVCH4/edit#gid=508574736>
- Countries using DHIS2 for disease surveillance:
<https://docs.google.com/document/d/1GinTUE4HX81UjCrnxGRUXgAZpqSimJ-iu5bqS6s2b6M/edit>



Thank
you



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