Congratulations,
you dared to join!
HELLO!

I am Antoine Legrand

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WEB-BASED HMIS SYSTEMS
Key concepts & features
Exercises
Case studies
Integrated data systems
KEY CONCEPTS & FEATURES

What it’s all about
CORE FEATURES

- COLLECT multiple type of data
- MANAGE & aggregate your data
- VISUALIZE your results & track your progress
Aggregated data
- Routine data
- Survey

Events
- Tracker
- Individual records
- Cases
- Programs
Data entry
- Browser web/laptop
- Smartphone
- Feature phone – Web/J2ME/SMS

Validation
- Validations rules
- Std dev and min/max analysis
### Immunization Data

<table>
<thead>
<tr>
<th>Filter in section</th>
<th>Fixed</th>
<th>Outreach</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&lt; 12 mths</td>
<td>12 to 59 mths</td>
</tr>
<tr>
<td>BCG doses given</td>
<td>17</td>
<td>23</td>
</tr>
<tr>
<td>Fully Immunized child</td>
<td>9</td>
<td>23</td>
</tr>
<tr>
<td>LLITN given at Pentals</td>
<td>1</td>
<td>23</td>
</tr>
<tr>
<td>OPV0 doses given</td>
<td>12</td>
<td>23</td>
</tr>
<tr>
<td>OPV1 doses given</td>
<td>5</td>
<td>9</td>
</tr>
<tr>
<td>OPV2 doses given</td>
<td>7</td>
<td>2</td>
</tr>
<tr>
<td>OPV3 doses given</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>PCV1 doses given</td>
<td>2</td>
<td>45</td>
</tr>
<tr>
<td>PCV2 doses given</td>
<td>22</td>
<td>3</td>
</tr>
<tr>
<td>PCV3 doses given</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*DHIS 2 Demo - Sierra Leone: Ngielehun CHC - March 2013 OPV1 doses given (Outreach, 12 to 59 mths)*
MOBILE

dhis2

TB Facility reporting

TB Cohort new SS+
TB Cohort new SS+ completed
TB Cohort new SS+ cured
TB Cohort new SS+ defaulted

MOBILE
DATA ELEMENTS & DATA SETS
Number of pregnant women PVVIH under CTX prophylaxis, December 2015, CS of XXX
Data analysis
- Pivot tables
- Charts
- GIS
- Dashboard
- Interpretations

Apps and web API
VISUALIZE DATA
EXERCISES

Now it’s your turn
Go to: www.cordaidsis.org

Username: Guest
Password: District2016
From data set “STS”, create a table showing different ART lines, by months (Jan-Sept 2016), country-level

Save your table: Yourname_ARTlines

Open this table as a chart, then breakdown DPS and Q2 T2016
CASE STUDIES

What we’ve learned from previous experiences
INTEGRATED DATA SYSTEMS

Using the power of DHIS2
THE PROBLEMS

- Fragmented, uncoordinated data systems
- Duplicated investments
- Lack of transparency and accountability
A SIMPLE ARCHITECTURE

DHIS2

MIS (HR, LMIS, EPI...)

Strategic Purchasing (RBF)

Feedback Loop

Mobile Data Collection

Data Visualization

Released

In Development
INTEROPERABILITY

Making relevant information available
MASTER FACILITY LIST

kmhfl.health.go.k
Proportion d’enfants complètement vacciné (0-11 mois) < 80% (score 0) - entre 80 et 90% (score 1) - > 90% (score 5) (VÉRIFIÉ)
Valeur Vérifiée
TRACKING SERVICE
AVAILABILITY & READINESS
High resolution population density map of Benin.

Estimated number of pregnant woman per hectare. Parakou region.

Health facilities
TRANSPARENCY

Showcasing the results of your intervention
Any questions?

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