



MOSQUITO CONTROL EVALUATION IN LIPA CITY, BATANGAS

ECOMORE 2 Project (2019) - DDMS

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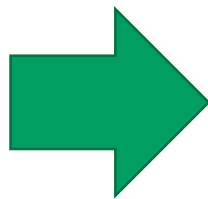
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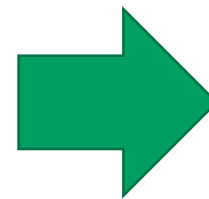
Intro to the DDMS+

- Integrates data from multiple aspects of a control programme
 - Entomological surveillance
 - Intervention monitoring
 - Case surveillance
 - Stock control
- Provides decision support tools to change that data into actionable information

- Reporting tools
- Maps
- Alert system



Better targeted
control



Lives saved





Role of the DDMS+ in the Philippines WP

- Support **Lipa City** in their dengue **surveillance** system
 - Historical data import
 - *Case surveillance, vaccination, entomological surveillance*
 - Needs analysis
 - Action plan development
 - Implementation/Training
 - Evaluation
- Use of the system for trial data
 - Configuration of the system
 - *Geography, forms and data entry process*
 - Geolocalisation of historical cases and cluster site selection
 - Implementation/Training





Overview of Lipa City engagement

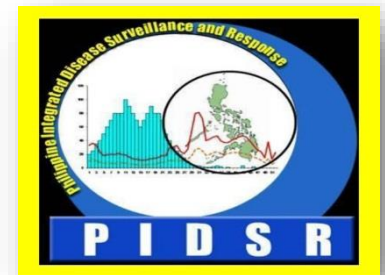
- National Stakeholders meeting **8 Feb 2019**



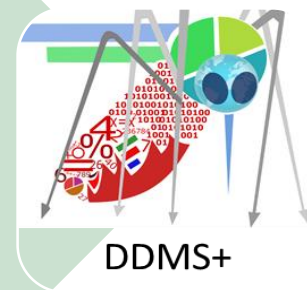
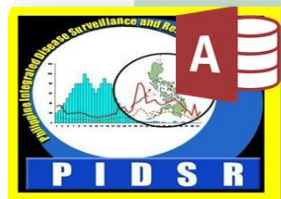


Overview of Lipa City engagement

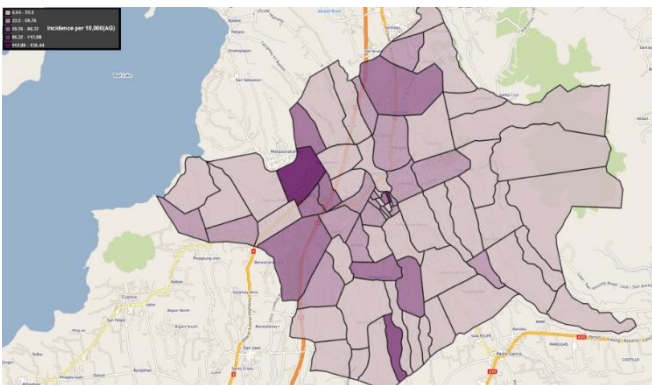
- Interviews held with Lipa City Officials August 2019
 - to better understand data processes, how data is used, etc
- Developed data systems gap analysis
 - Currently with Lipa City for feedback
- Developed protocols for integrating with existing datasets (PIDSR)



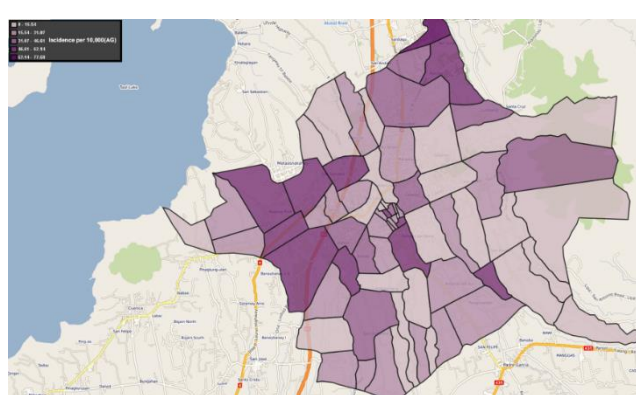
Interoperability with PIDSR



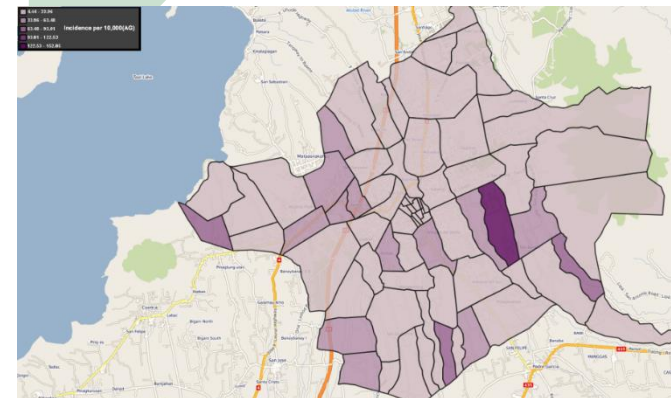
DDMS+



2015



2016



2018





Major gaps with existing dengue surveillance system

- Existing PIDSRS system is very robust, however
 - Only supports case surveillance data
 - No integration of disparate data sources
 - No spatial visualisation/analysis component
- No digitisation of many other datasets



Dengue
Cases



Entomological
Surveys



Fogging &
Misting



Dengvaxia
Records



Supplies &
Logistics





Next steps

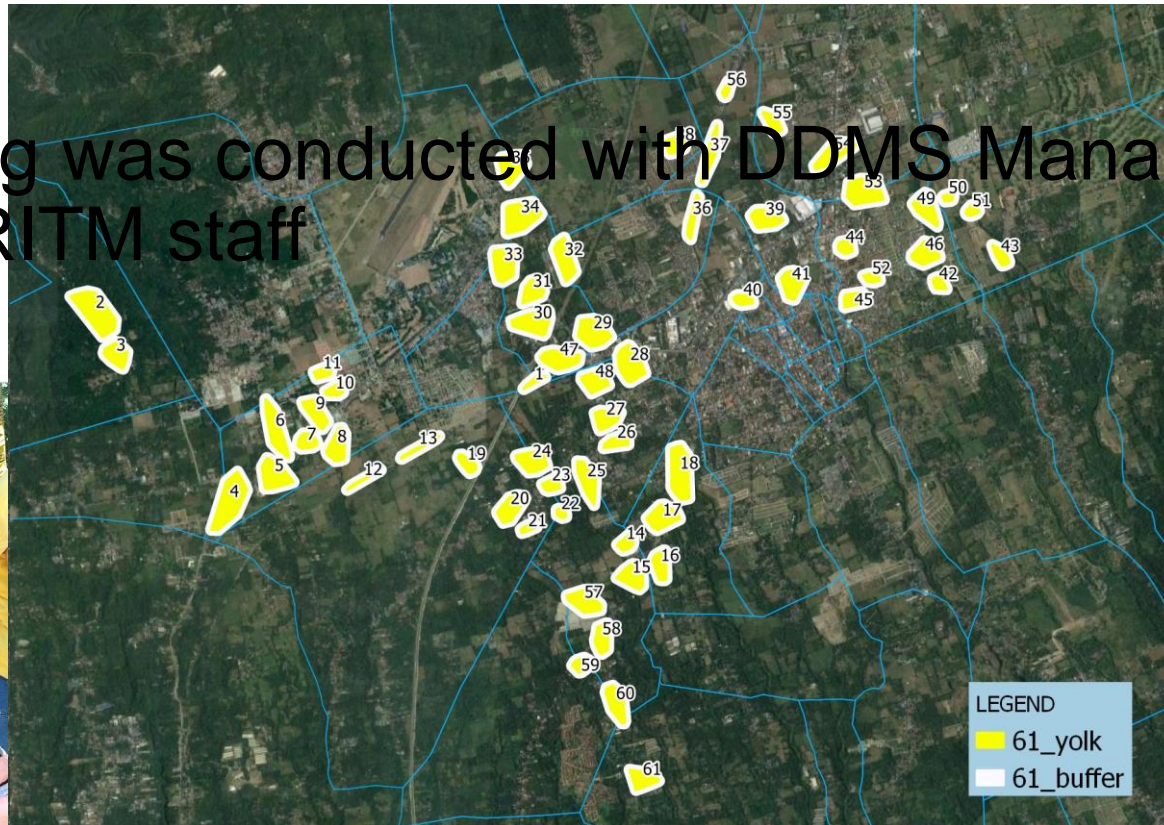
- Get feedback from Lipa City on needs analysis
- Draft an action plan
- Implement action plan
- Develop draft reports and maps for Lipa City to be used during regular meetings



Overview of work on In2Care trial

- Cluster selection complete

- Training was conducted with DDMS Manager and other RITM staff

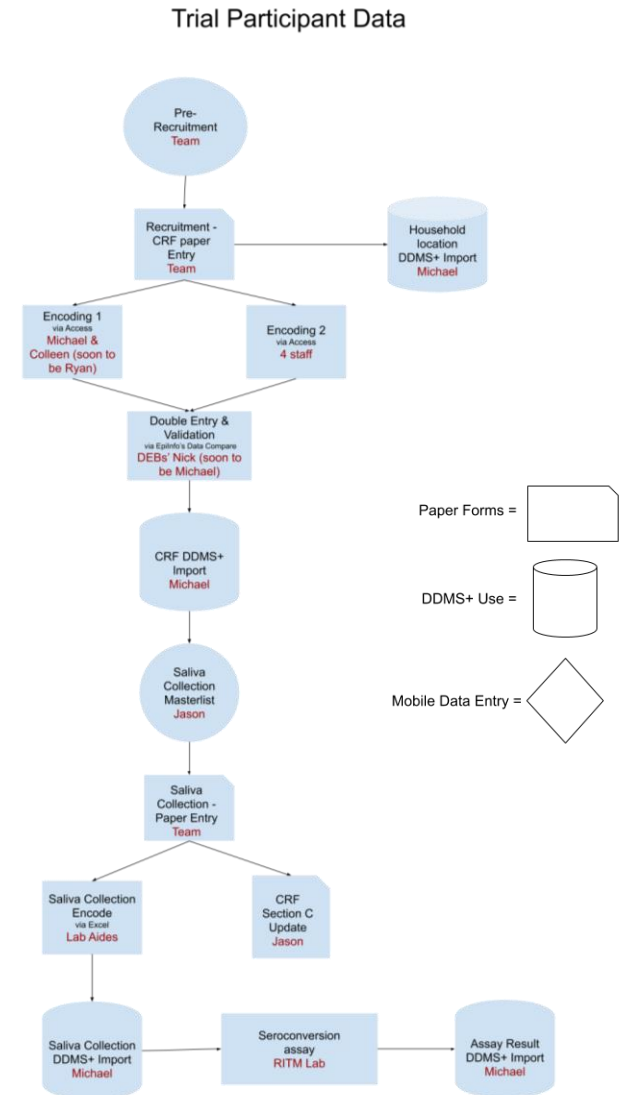


Overview of work on In2Care trial

- Participant CRFs being entered, cleaned, and imported as data is being collected
- Currently 3974 records in the system

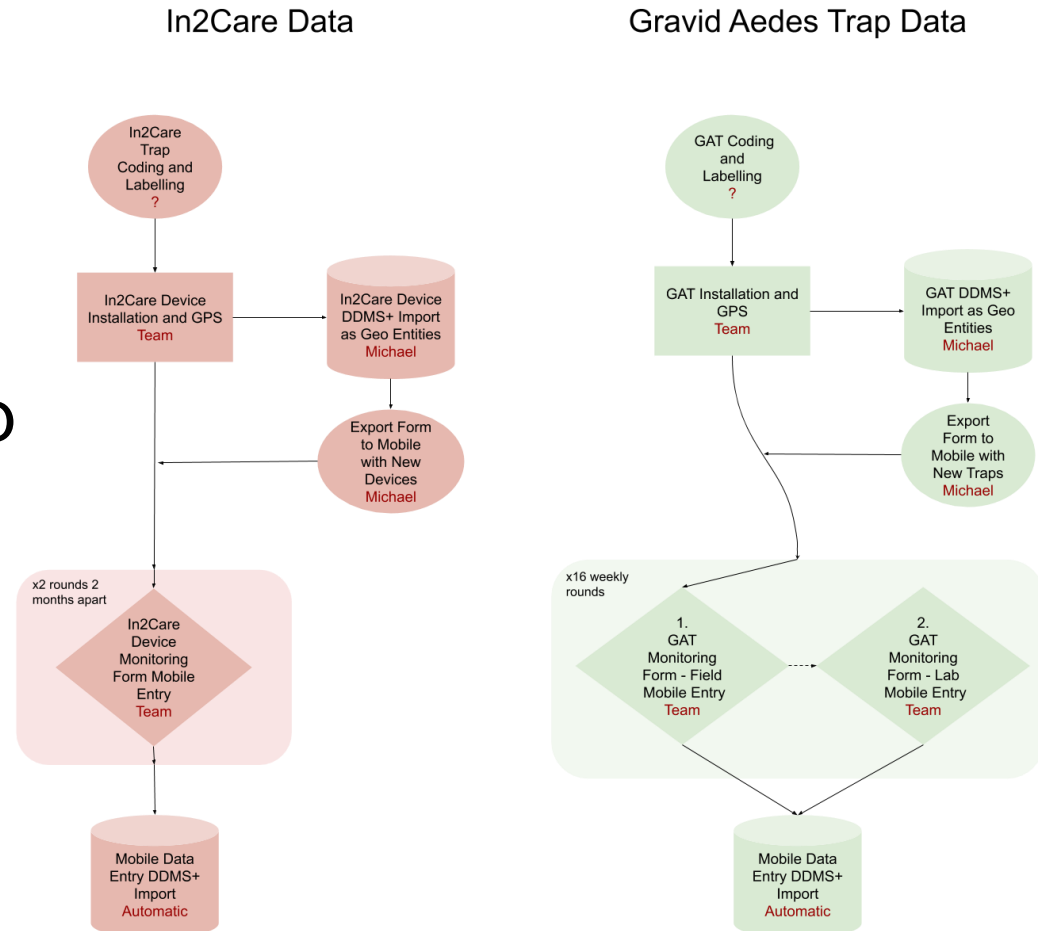
Challenges

- No double entry capacity within the DDMS+ (designed as an operational tool). Therefore, need to align system with external data entry component to ensure easy import
- Staff turnover



Overview of work on In2Care trial

- Plotting the exact location of In2Care and GAT on the Map
- Collecting and Cleaning of Data





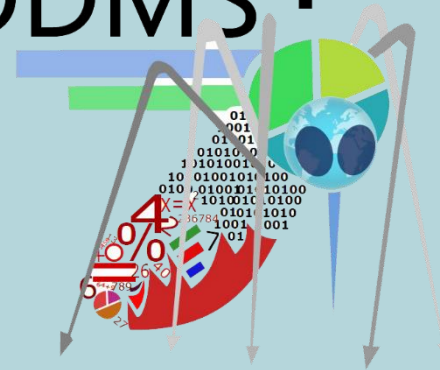
Overview of work on In2Care trial

- Continue to import data from laboratory on saliva samples
- Generate maps/analysis on year one data



Disease Control Programme

DDMS⁺



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