

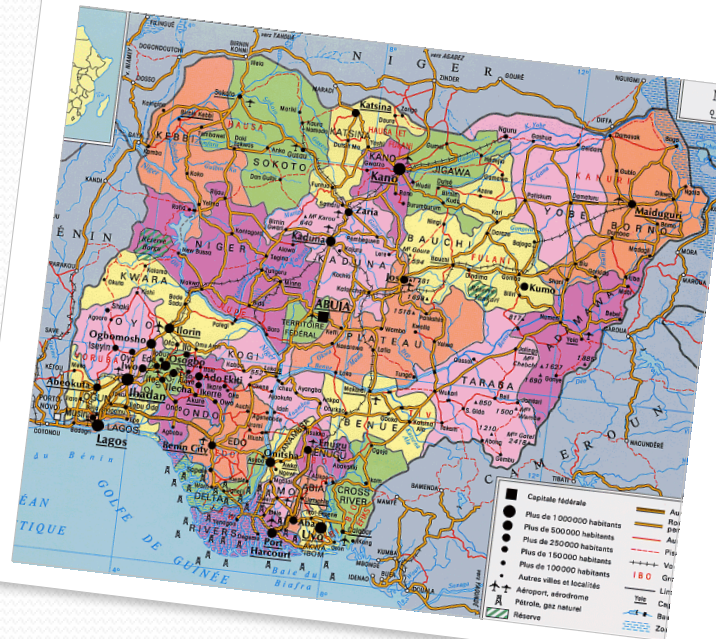
# WASHIMS DATABASE AS A TOOL FOR MANAGEMENT OF WATER AND SANITATION SERVICES IN NIGERIA

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and sanitation services in rural areas and small towns in West Africa**

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# Background

- The WASHIMS (Water, Sanitation and Hygiene Information Management System) is a user friendly tool for building, organizing and processing sector data to support management decision processes
- With support from the European Union and DFID, UNICEF is supporting the Government of Nigeria to scale up this tool at the State and local levels. Currently, this application is mainly being used in project States such as; (Cross River, Osun, Kastina, Jigawa, Kano, etc.)

## **WASHIMS is a response to:**

- The need to operationalize the Nation WASH M&E Framework
- Address paucity of data, which is one of the major limitations of sector
- Improve facilities functionality (FGN-UNICEF National Hand Pump Functionality Survey of 2011 recorded average functionality of 56%)
- Build sector database for improved planning and monitoring
- Put in place Community-based monitoring and reporting mechanism as a driver for sustainable data update, information flow and feedback.

# Attributes of WASHIMS Application

- Online (network) and Offline (stand-alone) capabilities
- It is a multi-user system
- Database webhosting
- Administrative rights control levels of access and usage on the IMS
- Data synchronization can be done in both direction
- Reports are generated automatically on the application to reflect predefined information while further query can be built to specifics
- Contract management option for systematic update
- The database is also spatially enabled to translate facilities coordinates to a base map
- With online portal for tracking facilities functionality using SMS

# Implementation Modalities

- Popularization and domestication of this framework at the State levels.
- Harmonization of monitoring indicators at all levels
- Capacity building of State and LGA WASH officers on the use of tools and templates for data management
- LGA-Wide geo-spatial WASH data collection
- Building of LGA Database using WASHIMS
- Setting up of community-based monitoring and reporting systems and training of facility caretakers
- Routine data update by the LGAs Monitoring Officers
- Facilities Status Reporting by Facility Caretakers
- Data collation, processing and publishing of reports

# Sector Indicators

- The sector indicators are broadly classified into Input, Output and Outcome Indicators
- Sector Indicators are structured to cover the following key thematic areas, namely:
  - Sector Investments
  - Institutional Capacity (comprising structures and skills)
  - Water Supply Improvement
  - Sanitation Improvement
  - Hygiene Improvement
  - Sustainability
  - Socio-Economic and Health Benefits

# Key Results so far

- Harmonization of sector indicators and data collection templates
- Improved mechanism for data building through routine updates and community-based reporting
- Improved facilities functionality following the use of facilities' status tracking system
- Evolving capacity for data management at the LGA level
- Service providers are becoming more accountable
- Overall improvement on quantity and quality of data for management decision processes

# Challenges

- Weak capacity, especially at the local level
- Data politics
- Weak Infrastructural-base (such as, power supply, internet and other ICT supports)
- Slow pace in domestication and operationalization of the national M&E system at the sub-national level
- Institutionalization of community-based monitoring and reporting mechanism

# Opportunities

- Increasing awareness and demand for evidence-based planning
- Pockets of good practices and models are now being recorded in most States and LGAs and these promise to catalyze scale up. A good example is the improvement of water point functionality in Bakori LGA, Kastina State from 84% to 98% within 6 months.
- Establishment of Federation of WASHCOMs at the LGA level has increasingly improved the legitimacy of WASHCOMs
- Increasing push for accountability and demonstration of value for money



# Lessons Learnt

- Communities involvement in data capture and reporting is key to ownership and sustainability
- Considerations for adaptability, sustainability and scalability must be made in identifying technology option to be deployed for data management. This is with regards to the use of SMS-based reporting as oppose to the use smartphone online reports.
- Building local capacity for data management is possible and should be encouraged through the use of user-friendly applications
- Data management processes must be solution oriented and must be designed to address the needs of all parties in the loop as this creates incentive for participation.

## WASHIMS MAIN MENU.

Select your option from the drop down list

- File Information
- Data Entry Forms
- Database Maintenance
- Report



## WASH PMP

### Functionality Status

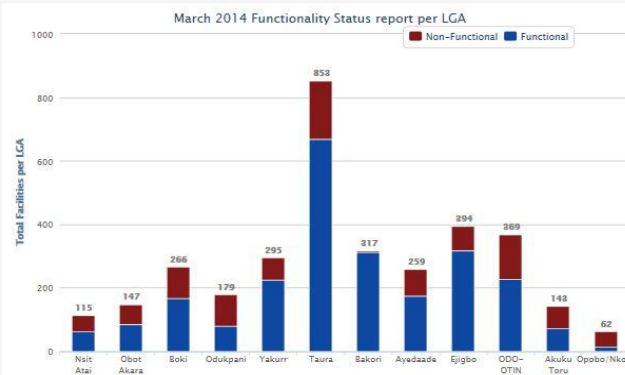
Functionality Status report per LGA.

#### LGA Functionality Status Reports

View Overall Functionality Reports View Reporting Frequency

##### Functionality Status

- Percentage Functionality: 70.84%
- Number Functional: 2408
- Number Not Functional: 991



View Overall Functionality Reports View Reporting Frequency

# THANK YOU

## WASH PMP

### View Facilities Map

A view of all available facilities on a map.

#### Operations

- Inactive Facility
- Active Facility

Print Map

