

Health Information Management

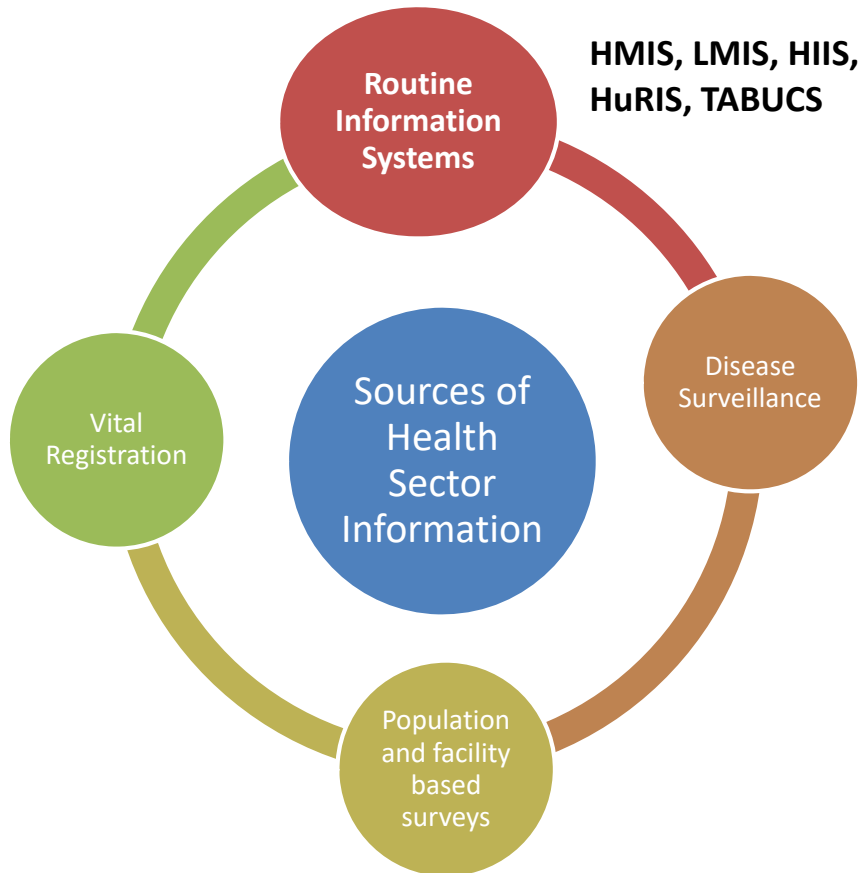


Joint Annual Review (JAR) Meeting

31 January-1 February 2018

Kathmandu

Information Management in Federal Context



Key issues:

- M&E structures and process in federal context
- Health sector information needs at all levels
- Integrated inter-sectoral information management
- Evidence based planning
- Wider dissemination of data

Structure and Process

- Increasing realization of need of evidence based planning but no institutional set up for integrated information management at the local level

- Local levels highly committed to leveraging modern technology in information management:
 - In general, Palikas have willingness and infrastructure readiness (computer & internet) for electronic reporting system but need capacity enhancement
 - Need felt for multi-sectoral coordination and collaboration in information management
 - Moving towards establishing integrated IT hub: Pokhara
 - Functional e-reporting from all DHO/DPHOs
 - DoHS/MoH supporting health facilities with computer, application, internet and skills: 25 districts

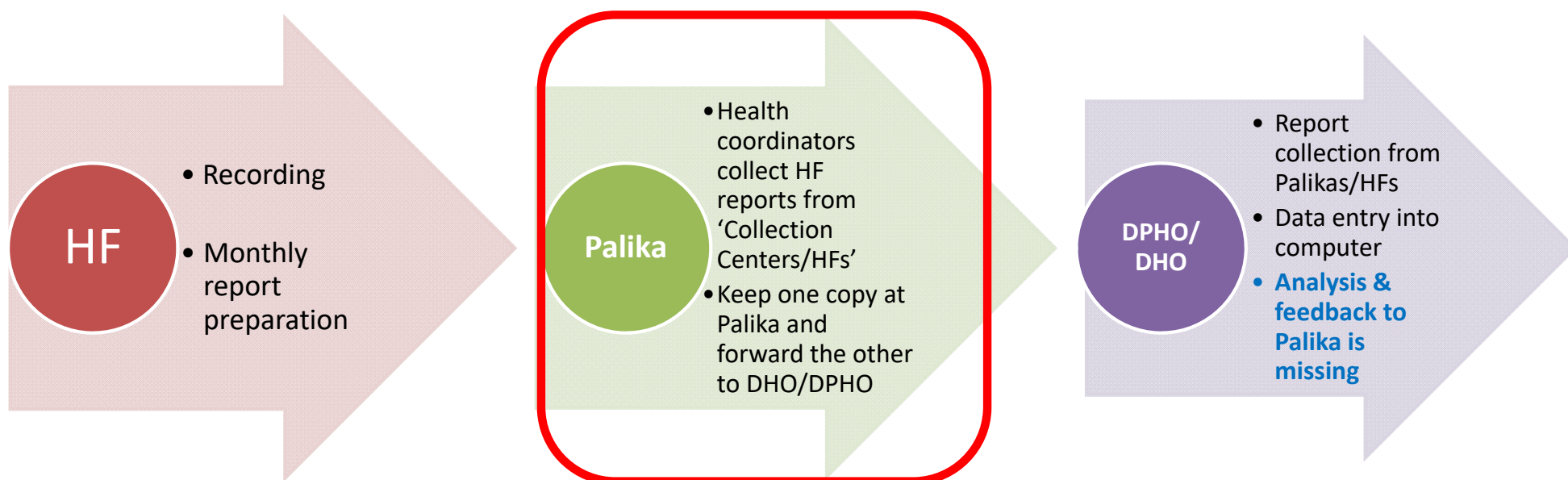
- Largely, the MoH/DoHS circulars and guidelines to DHOs/DPHOs to manage transition phase well received, followed and appreciated

- Monitoring and evaluation functions of DPHO/DHOs and Palikas not clearly defined
 - MoH is preparing M&E plan defining the M&E functions of three levels of government

Information Management at Local Level

- HMIS and LMIS reporting from facility to DHO/DPHO is continued with some variation in process
- Mechanism for financial and physical progress reporting from health facility to Palika is yet to be developed
- Local governments not yet started registration or renewal of health institution, clinic, pharmacy
 - Web-based master health facility registry with unique ID of each facility is being developed – will help local governments in registration and renewal process
- National surveillance systems like maternal and perinatal death surveillance and response (MPDSR) and early warning and response system (EWARS) yet to be institutionalized at the local level

Current Reporting and Data Flow Arrangement



Palika capacity to be enhanced to use digitized data entry, process, analyze, interpret, feedback, use and disseminate information collected from health facilities and other sources

Use of Data at Local Level

- Realization of need of evidence based planning, implementation and monitoring at local level
- Local level experience of first year planning:
 - Done in rush to get the plan approved by the Council – no / limited data
 - Inadequate /no guideline and tools for evidence based planning
 - Inadequate capacity for integrated and evidence based planning
- Local governments looking data for:
 - Preparation of Palika Profile including health status
 - Monitor performance of health facilities
 - Monitor service availability
 - Monitor service utilization by different population sub groups
 - Evidence to feed the planning process:
 - Modification to the current plan
 - Preparation of plan for next year
 - Preparation of long term plan

“I need to monitor monthly and/or daily performance of each health facility on my Computer.”

*- Mayor, Pokhara Lekhnath
Mahanagar Palika, Kaski*

Local Initiatives for Information Generation

- Incentivizing FCHVs for regularizing monthly meeting
 - Regular reporting
 - Review and planning
- Incentivizing vital registration
 - Birth
 - Death
- Exploring ways of getting service utilization data by residence of the clients

“We have started incentivizing birth and death registration to generate our own data.”

- Mayor, Ksireswor Nagar Palika, Dhanusha

“For better planning and allocation of resources I need to know health service utilization data by residents and non-residents of this Palika.”

- Mayor, Tansen Nagar Palika, Palpa

Key challenges for better information management

- Institutional set up and capacity
- Integrated & inter-sectoral information management
- Meeting health sector data needs at all levels
- Use of data

Way Forward

▪ Data management at Palika level

- In general, Palikas have good readiness (Computer, Internet & HR) for electronic reporting
 - Health coordinator(s) deputed at Palika; or
 - Skilled health worker(s) from health facility within the Palika; or
- DPHO/DHO to train the Palika staff in report collection, data entry and analysis at Palika level
 - On-site coaching by the Statistics officer/assistant at the DHO/DPHO
 - MoH to mobilize RHD and central staff as and when required
- DHO/DPHO to engage with Palikas to establish inter-sectoral integrated information management system at Palika
- Support Palikas to develop and institutionalize Palika level Dashboards using data from routine information systems
- Publish all reference materials (PPT slides, trainers and user manuals related to use of HMIS in DHIS2 platform) and resource pool of DHIS2 trained persons on DoHS and MoH web site for wider use

Way Forward

Data management at health facility level

- Palikas to ensure health facility readiness (Computer, Internet & HR) for electronic reporting from health facilities
- Review and integrate Electronic Immunization Recording System with HMIS (Palpa)
- Support Palikas to use and institutionalize Routine Data Quality Assessment System at facility and Palika level
- Support Palikas to develop and institutionalize Health Facility level Dashboards using data from routine information systems
- Strengthen hospital management information system
 - Adequate number of skilled medical recorders
 - Improve infrastructure readiness: computer, internet, application

Way Forward

Health sector data needs at all levels

- Health sector M&E plan development process is in progress:

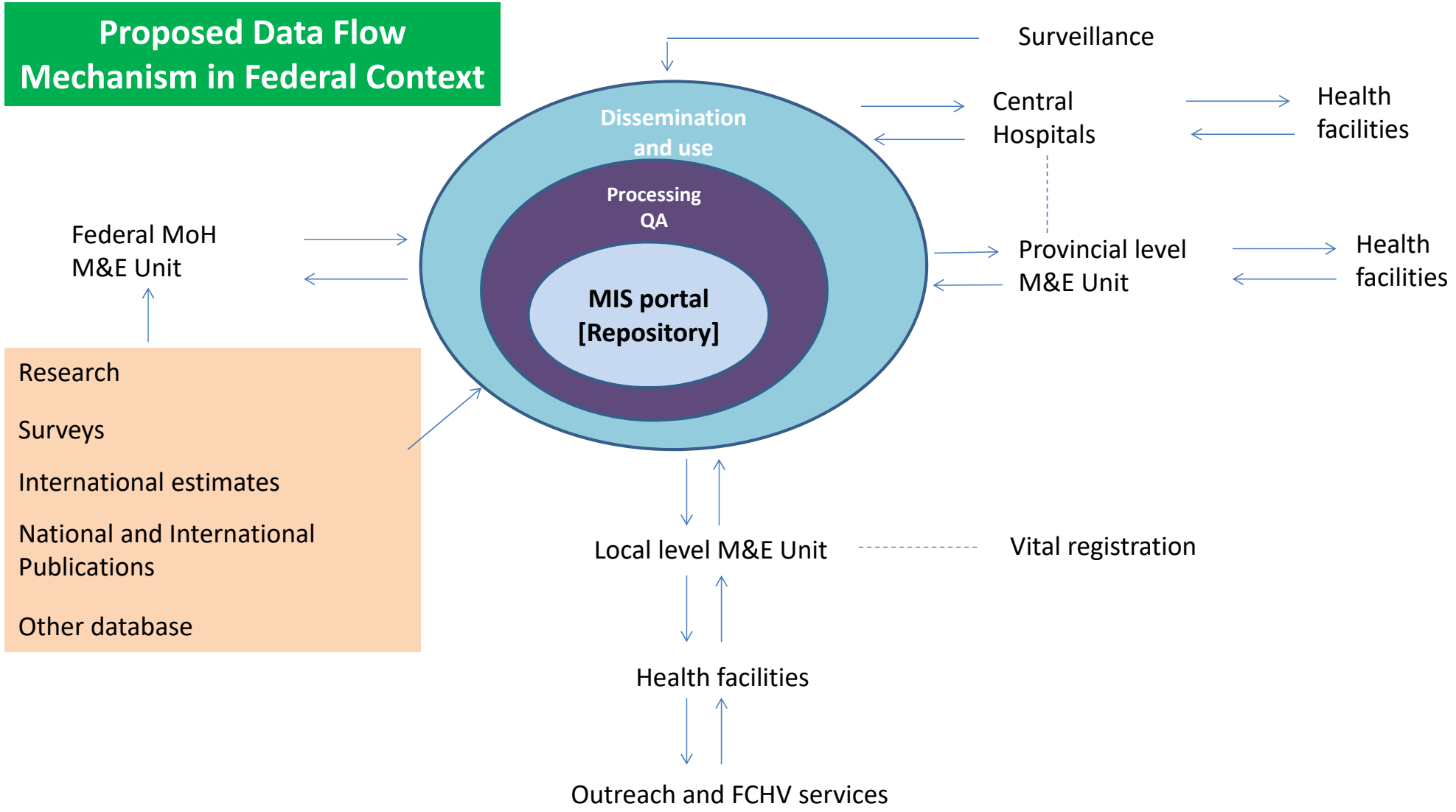
The Plan includes:

- In line with spirit of the Constitution and the Functional Analysis endorsed by the Cabinet in 2017, define the M&E functions of local, province and federal government
- M&E plan with reference to the NHSS & SDGs
- Survey plan with reference to the NHSS & SDGs

Way Forward

- Roll out the health orientation package developed for local governments
 - Organize health orientation session for local leaders, DHOs/DPHOs, Health Coordinators
 - Publish the health orientation package (PPT slides and manuals) on MoH web site
- Review and align national surveillance systems like MPDSR and EWARS institutional set up and process with federal structures
 - FHD and EDCD working towards this

Proposed Data Flow Mechanism in Federal Context



Thank You !