

Health Information Systems Strategic Plan (2022-2025)

Dr. Eric Nsiah-Boateng
Head, Monitoring & Evaluation
Ministry of Health
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Outline

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- Organization of health services in Ghana
- Health service data
- SWOT analysis of Ghana's Health Information Management
- Objectives and Strategies
- Management and coordination arrangements
- Monitoring and Evaluation
- Implementation arrangements



Introduction

- Goal of the health sector in Ghana is to increase access to quality essential health care and population-based services for all
- Strong recognition of the need for quality information as an essential part of the health planning, management, and policy development processes
- Establishing an integrated and a functioning health information system is seen as a priority for assessing sector performance
- Investments for creating the enabling environment, building infrastructure and capacity for health information management remain limited and uncoordinated

Introduction cont'd

In developing the National Health Information Systems Strategic Plan (HISSP), several documents were taken into consideration.

- National Health Policy (January 2020)
- Ghana's Roadmap for attaining Universal Health Coverage (2020-2030)
- Health Sector Medium-Term Development Plan (HSMTDP 2022-2025)
- Strategic plans and programmes of agencies
- Similar documents in other countries, e.g., Zimbabwe

Introduction cont'd

Goal of the HISSP

- To institutionalize an integrated health information system that ensures availability of quality health data for decision making at all levels of the health system

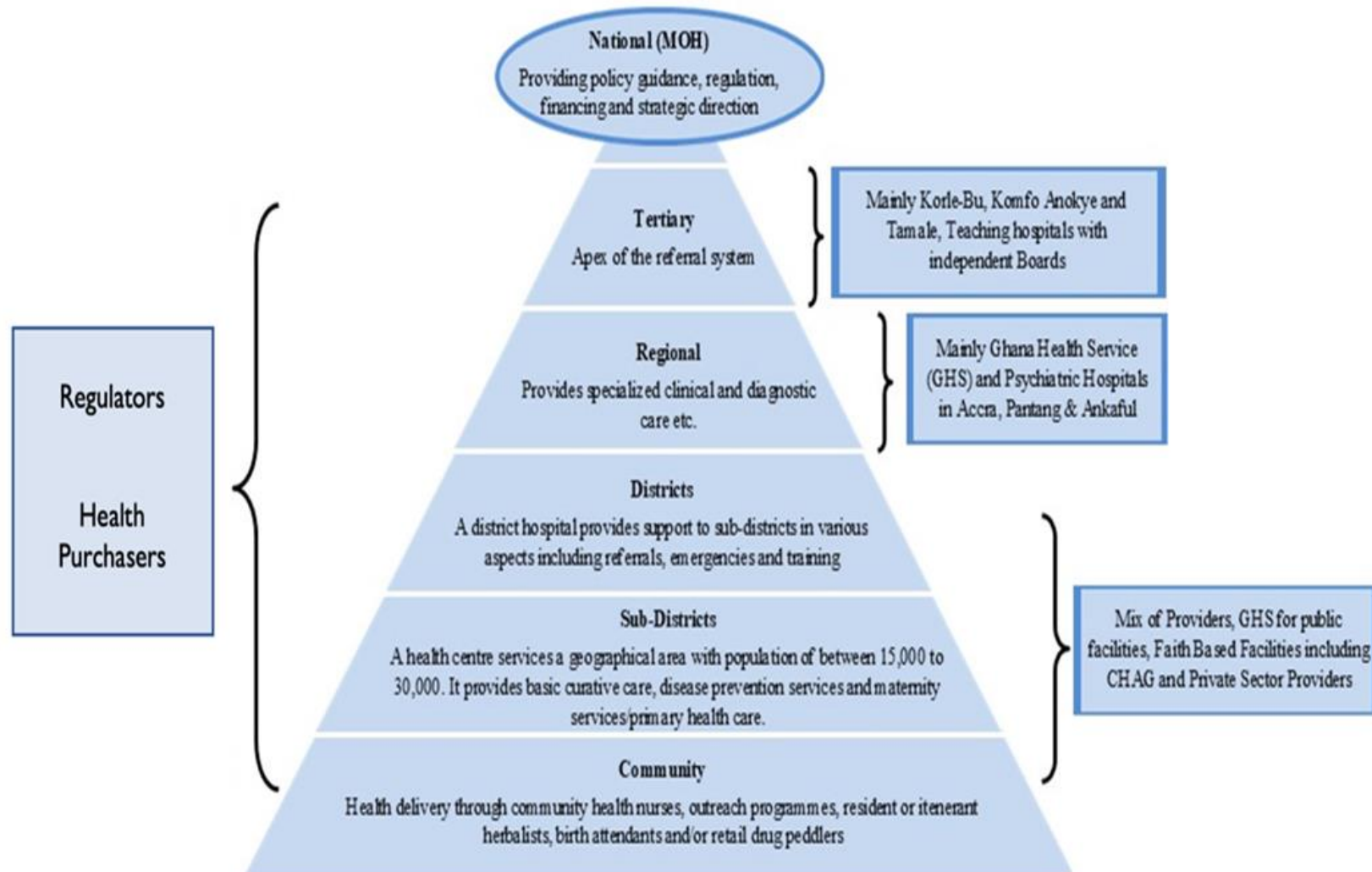
Objectives

1. Improve the environment for health information management
2. Improve data sharing, data exchange (inter-operability), dissemination and use
3. Improve capacity for health information management at all levels
4. Ensure effective implementation of Health Information System Strategic Plan (HISSP)

Justification

- Health Information system in Ghana is bedevilled with governance challenges and weak coordination
 - Lack of standards for health information practices have resulted in uncontrolled proliferation and duplication of software systems
 - Limited interoperability between diverse agency electronic systems
- Need for private sector contribution to data and data management in the health sector
- Imbalance between resources necessary for information management in the health sector and increased demand for data management, information dissemination and information use

Organization of Health Services in Ghana

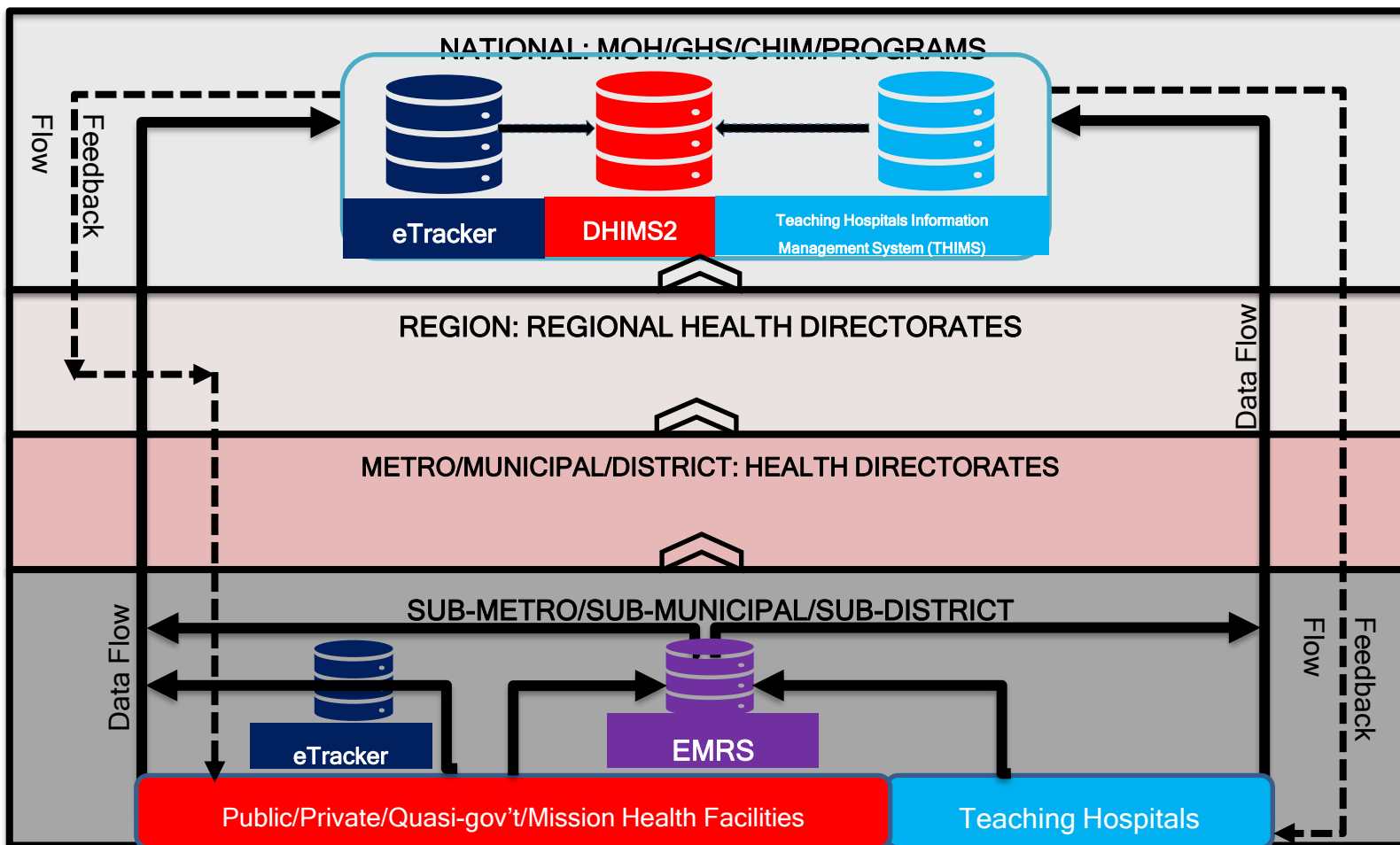




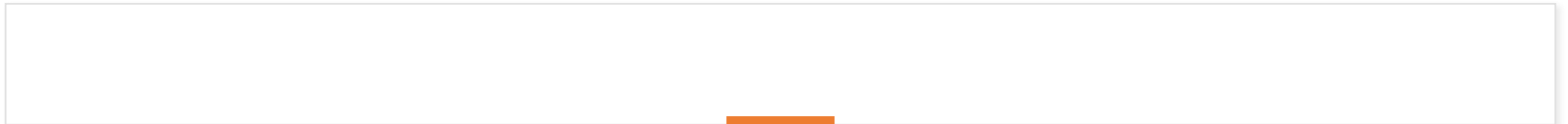
Health Service Data

- Routine Administrative Health Services Data
- Human Resource Information System (HRIS)
- Logistics Management Information System (LMIS)
- National Health Insurance Information Systems
- Regulators Information System
- Civil Registration and Vital Statistics
- Population and Housing Census
- Population-based Surveys (DHS, MIS, MHS, MICS, GLSS)
- Facility Surveys

Health Service Data cont'd



SWOT Analysis of Current Status of Ghana's Health Information Management





Strengths

- Health information systems exist in all agencies which allows agency-specific data collection (service and non-service), agency-level data management and data use
- Governance structures exist at the national level and within some agencies to coordinate data management
- Availability of software in various agencies and health facilities to facilitate data management
- Some agencies have a well-defined and structured data scheme
- Multiple guidelines available to solve health management challenges



Weaknesses

- Weak integration and alignment
- Poor data dissemination
- Low confidence in data generated by other agencies
- Coordinating structures for IME not functioning as expected (e.g., meetings)
- Inconsistent data structures across agencies (e.g., relating to identity codes of facilities)
- Inadequate data to support policy implementation
- Large proportion of data is manually processed
- Weak structures for collecting non-service data



Opportunities

- Standards exist for data security (Data Protection Agency)
- Existence of National Information Technology Agency (NITA)
- Local IT vendors available to provide health information systems solutions
- Goodwill exists among Development Partners to support health information in the sector
- International standards exist which may be adapted
- Expertise exists especially in the Universities and research institutions to support the generation of evidence for policy formulation
- Increased realisation of importance of non-service data by international agencies and the need to create space to collect and manage non-service data



Threats

- Vendors systems with stored data stationed abroad
- Inadequate budgetary allocation may affect smooth operation of various committees
- Over-reliance on development partners for budgetary support may be detrimental in sustaining oversight activities
- Different standards by international agencies may affect standardization
- Agenda of Development Partners and international agencies may influence implementation arrangements (integration vs vertical) and emphasis on how existing data may support policy

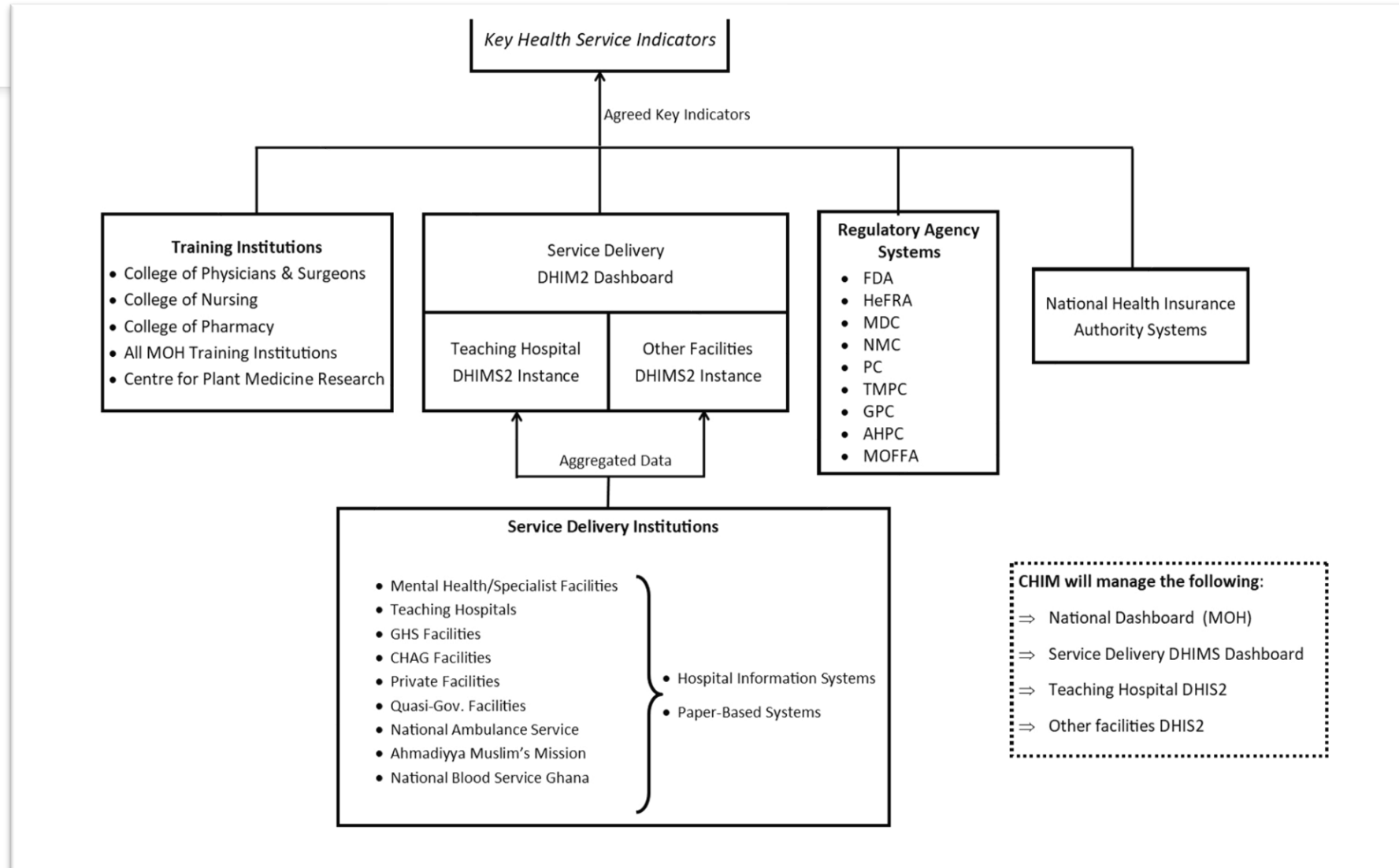
Strategies

Objective	Strategy
1. Improve the environment for health information management	<ol style="list-style-type: none">i. Enhance policy and legislative environment for health information managementii. Strengthen Governance of Health Information Management Systemsiii. Facilitate access to relevant data, data sharing and disseminationiv. Upgrade DHIMS II to serve as the official data repository for the MoHv. Expand available financial resources to support health information
2. Improve data sharing, dissemination and use	<ol style="list-style-type: none">i. Develop system-wide methodologies for the sharing of health information (policy and strategy)ii. Build capacity for the development and maintenance of health information architecture (data capturing, storage, analysis, and use)iii. Harmonize and standardized data capturing tools among the agenciesiv. Integrate the existing fragmented data information systemsv. Improve coordination for data sharing and disseminationvi. Create more fora for dissemination of research findings by the academia (lecturers and students) and other researchers

Strategies cont'd

Objective	Strategy
3. Improve capacity for managing health information at all levels	<ul style="list-style-type: none">i. Promote the use of locally-developed health information management applicationsii. Provide logistic and technical assistance to all levelsiii. Explore technical assistance from DPs to strengthen health information management at all levelsiv. Digitise data collection at all levels
4. Ensure effective implementation of the health information systems strategic plan	<ul style="list-style-type: none">i. Track the implementation of the HISSPii. Conduct independent evaluation of the HISSPiii. Expand the coverage of private sector service performance in the national database

Structure of the National Health Information System



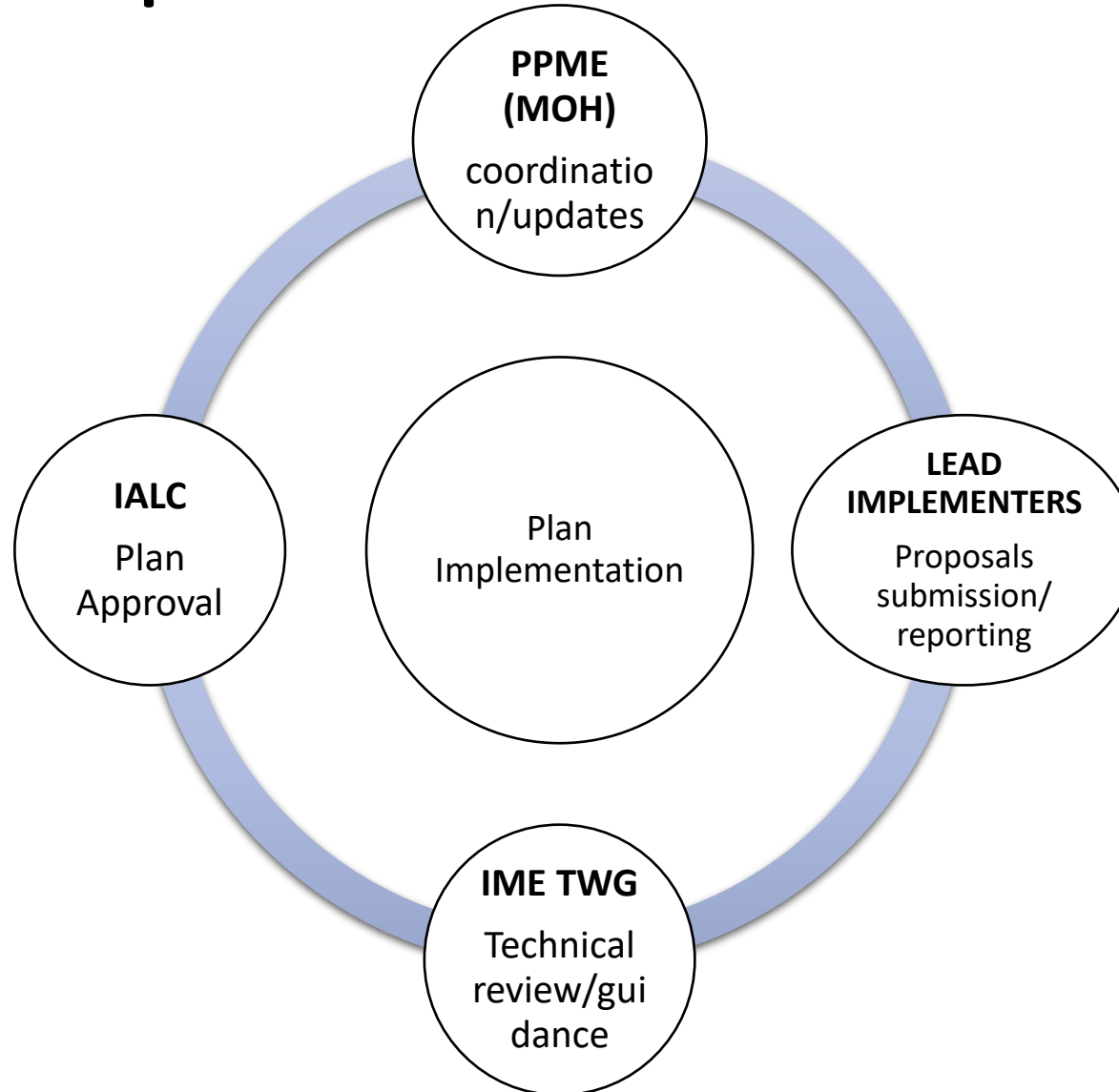
Management and Coordination Arrangements

- Ministerial Directives: Development of Health Information Management Policy
- Financing Arrangements: through existing financing arrangements for health sector activities
- Governance/Coordination
 - MOH
 - IALC
 - IME-TWG
 - MOH Agencies including GAQHI
 - CHIM

Monitoring And Evaluation (M&E)

- Track the progress of implementation of activities in the HISSP
- Promote learning and decision-making
- M&E of HISSP will be done qualitatively and quantitatively through quarterly reports to the Ministry (MOH-PPMED)
- Evaluation of the HISSP will be based on the HISSP M&E framework

Concept of Implementation





Implementation Arrangements

Implementation of this strategic plan will depend on four key players

- M&E Unit of the Ministry of Health
- Information Monitoring and Evaluation Technical Working Group (IME-TWG)
- Inter-Agency Leadership Committee (IALC)
- Lead implementers of the strategic plan

Budget

Activity	2022	2023	2024	2025	Total (GHC)
Improve the environment for health information management	1,573,000.00	280,000.00	280,000.00	280,000.00	2,413,000.00
Improve data sharing, dissemination and use		16,003,000.00	3,820,000.00	4,000,000.00	23,823,000.00
Improve capacity for managing health information at all levels			514,500.00	514,500.00	1,029,000.00
					27,265,000.00



Acknowledgement

- Hon. Minister
- Hon. Deputy Ministers
- Chief Director
- Directors and Unit Heads
- IME Technical working group
- USAID Accelerator
- Stakeholders for the engagement sessions

Thank you

