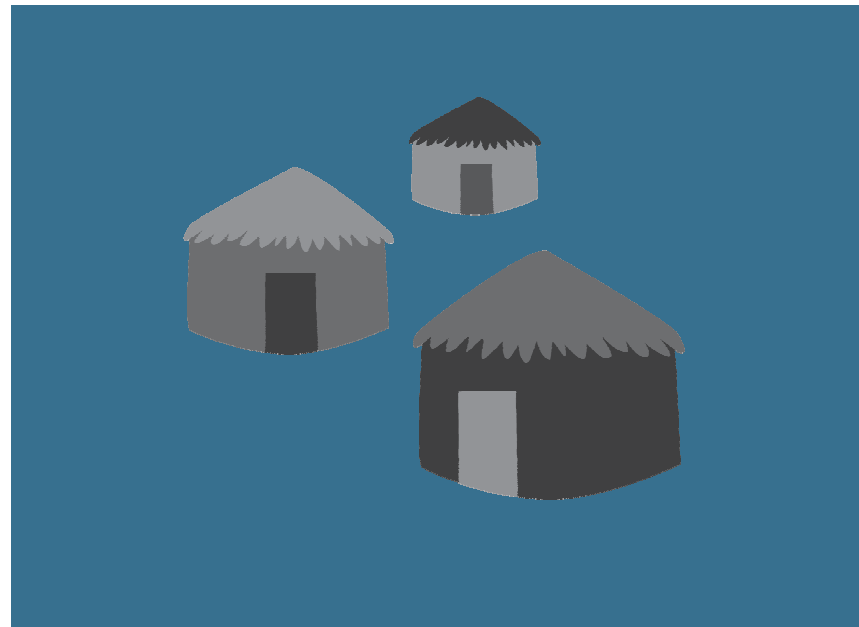


Institutionalizing Community Health Conference

27-30 March 2017 | Johannesburg, South Africa



#HealthForAll
ichc2017.org

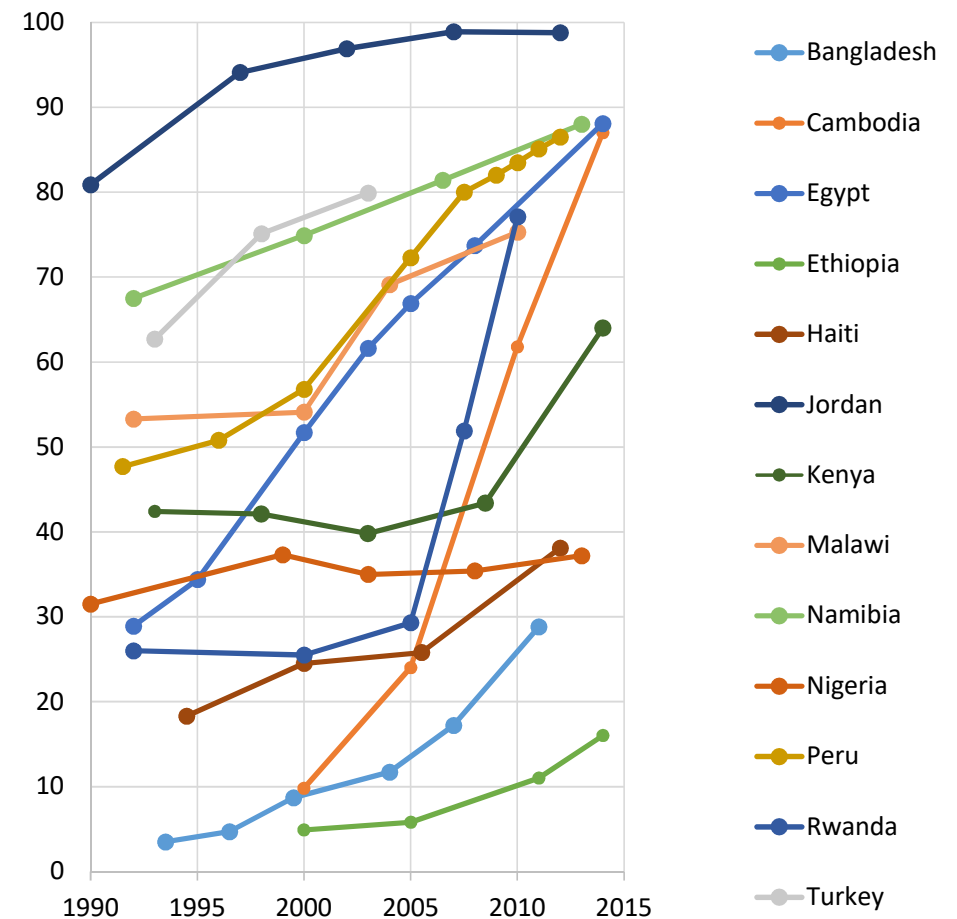
Community - Based Information System

Role of Digital Health and Interoperability

PROMOTING CONTINUITY OF CARE & LINKAGES

Vikas Dwivedi (vikas_dwivedi@jsi.com)
Senior Health Information System Advisor
Maternal and Child Survival Program

- Three-quarters of women globally now deliver with a skilled birth attendant
- This dramatic increase occurred mostly via facility deliveries



Facility deliveries by country (1990-2014)

Women often left out of good quality care



53 million women
not receiving childbirth care
at all

Innovation: universal health coverage

Adoption of UHC has the potential to:

- Provide financial protections & reduce catastrophic health expenditures
- Focus on the life-course & non-communicable diseases
- Reintegrate maternal health into the broader women's health agenda



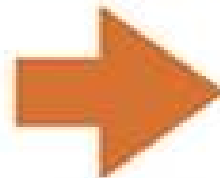
The WHO Health System Framework

System Building Blocks



Overall Goals / Outcomes

ACCESS
COVERAGE



QUALITY
SAFETY

IMPROVED HEALTH
(level and equity)

RESPONSIVENESS

SOCIAL & FINANCIAL RISK
PROTECTION

IMPROVED EFFICIENCY

FAMILY FOLDER -
THE CENTRE-PIECE OF
CBIS (CHIS) IN ETHIOPIA



In Ghana



The current situation of digital health information systems



HR-HIS

Finance



OpenLMIS

M&E Applications



Clinical Record
Systems



Hospital
Information
Systems



Others in Private sectors



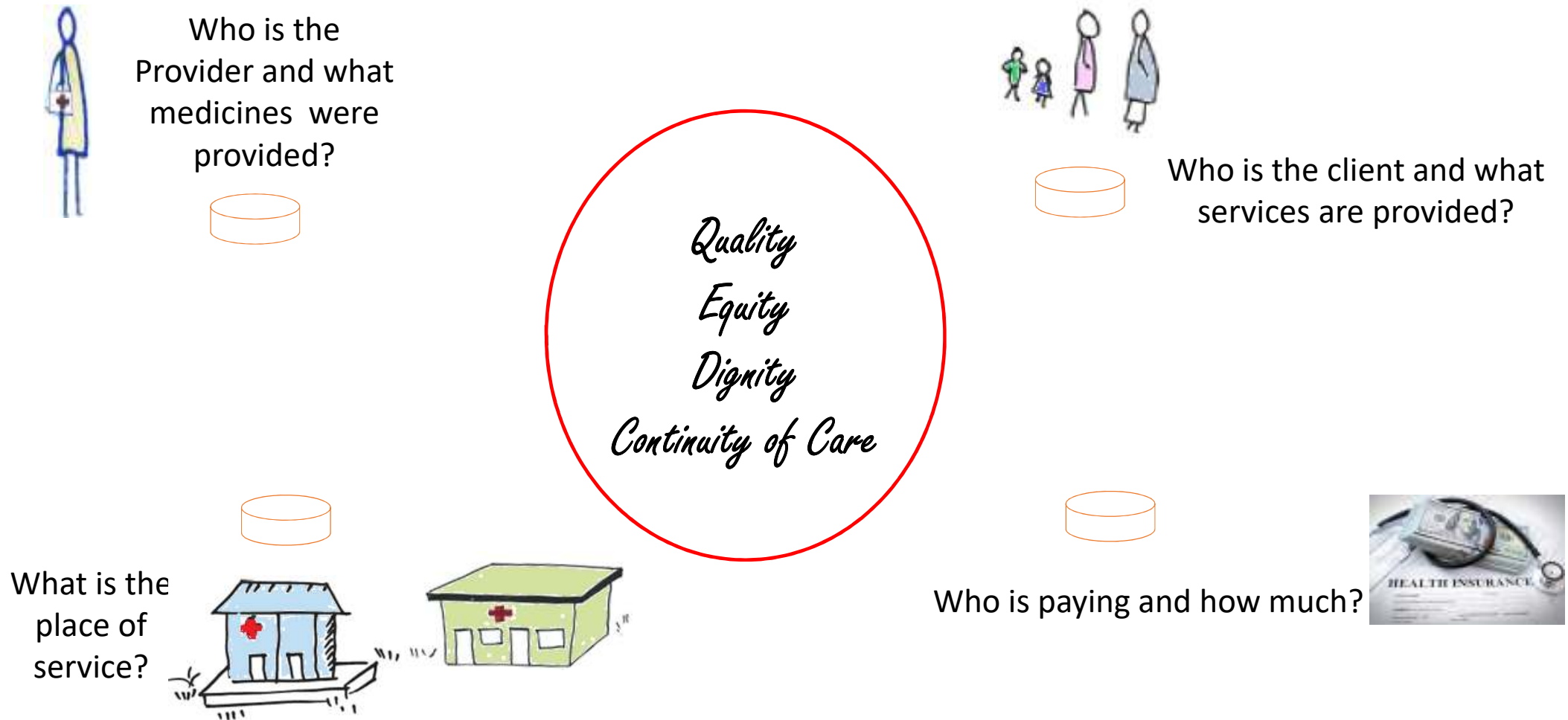
Laboratory
Information
Systems



Mobile Applications



Talking about UHC...multiple system components

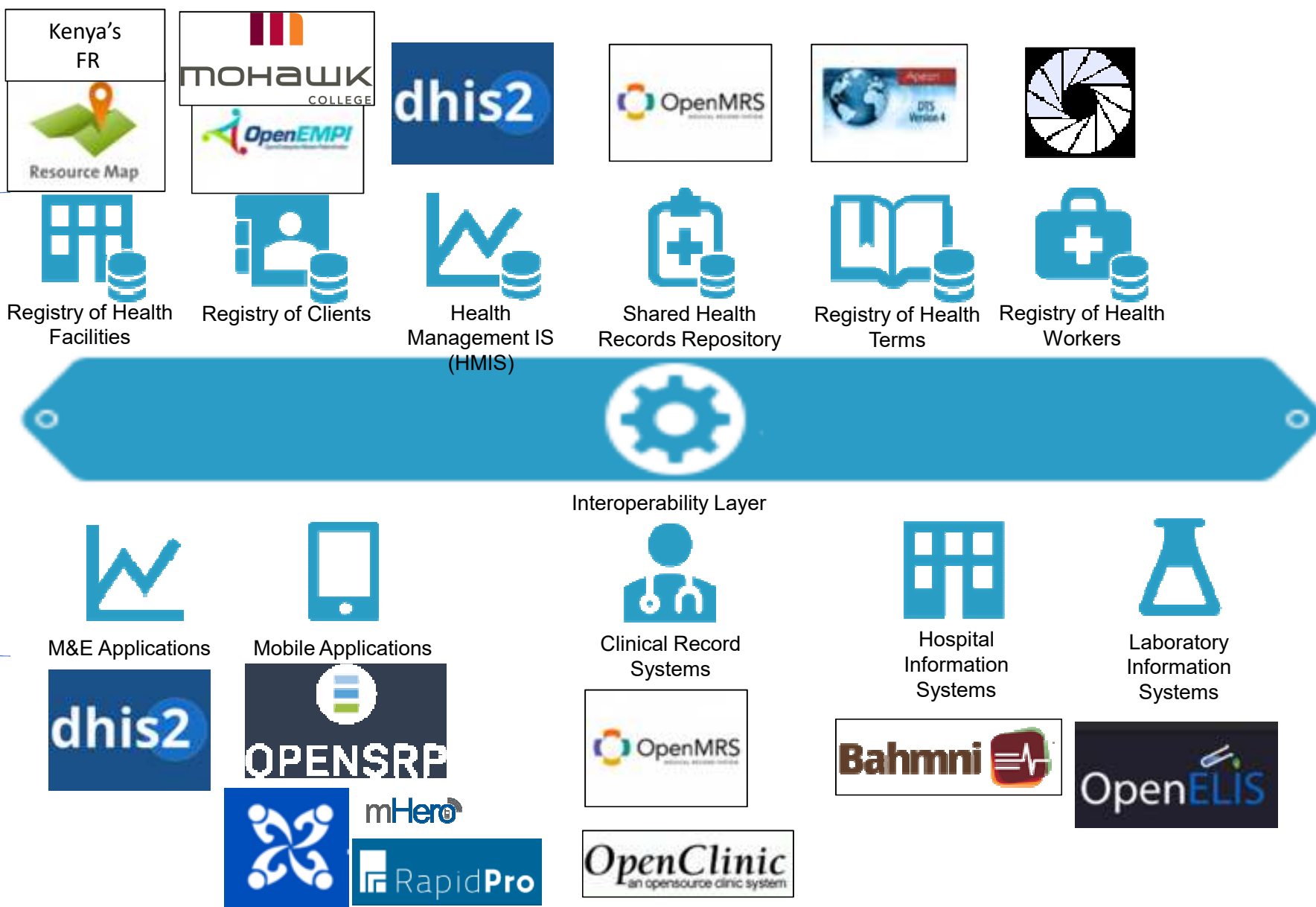


THE QUESTION?

A crumpled blue paper ball sits in the center of a notebook page. The page is covered in faint, hand-drawn sketches, including a large oval shape and various geometric forms. A black pen lies on the right side of the page. The background is a soft, out-of-focus grey.

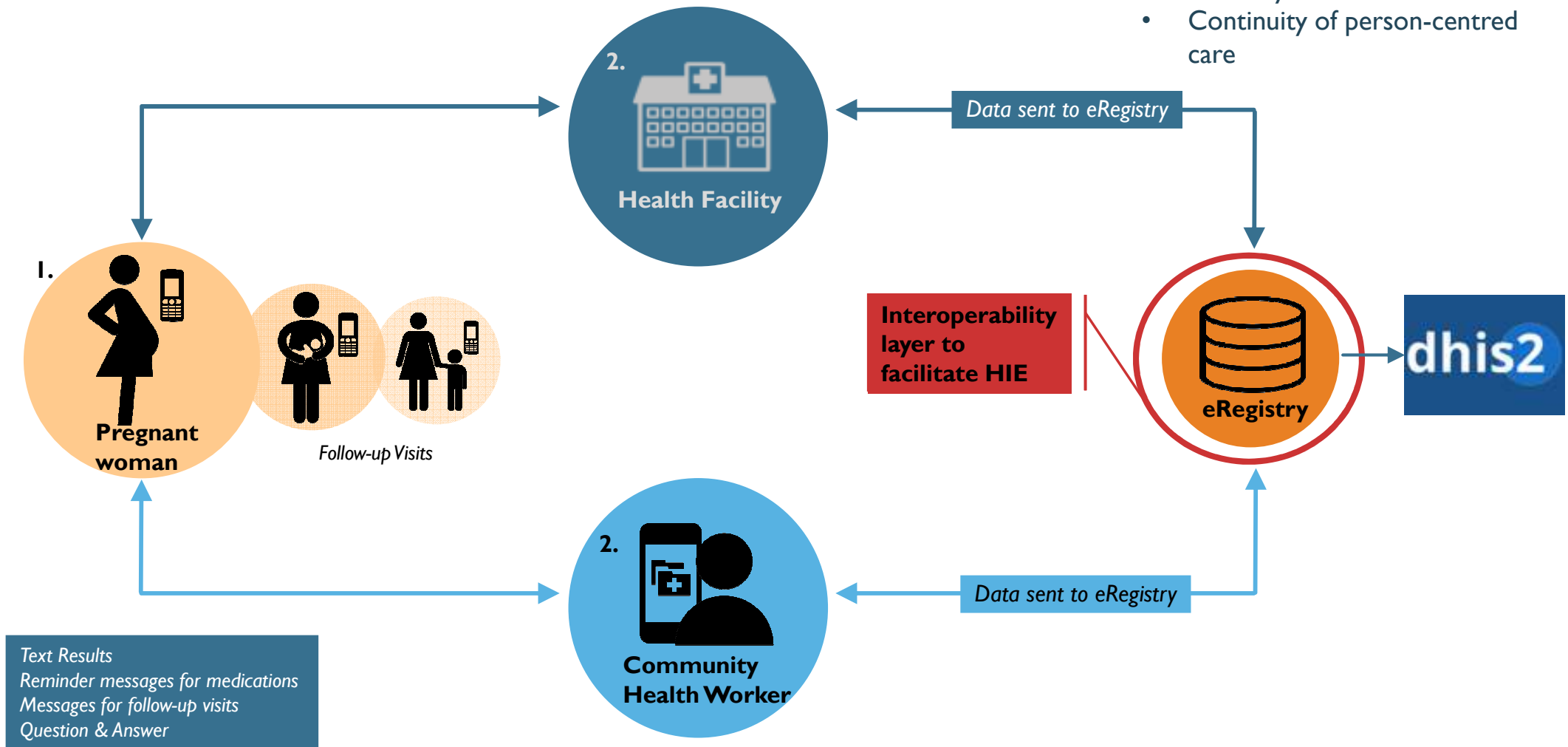
How can Interoperability support decision-making?

OpenHIE
Framework
and
standards



Maternal Health Case Scenario

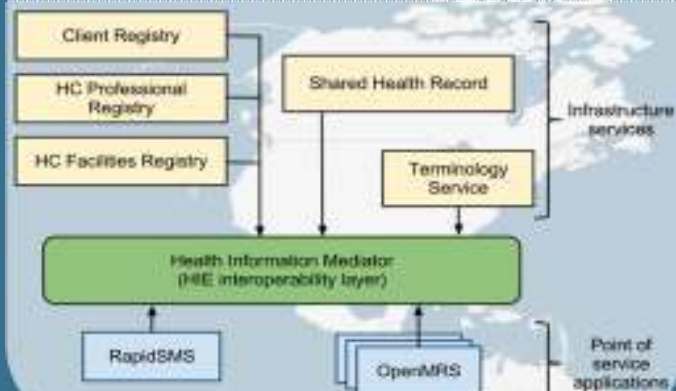
- Coordinated service delivery
- Two-way information flow
- Continuity of person-centred care



How will this help

1. Provide granular data on clients and treatment/medications provided
 2. Provide data on various quality of care measure
 3. Track drop-outs
 4. Provide data on continuity of care (people centered care)
 5. Integrated care (improve referral)
 6. Linkages with financial data (RBF/PBF)
- 
- A person is seated at a desk in a dimly lit office, working on a laptop. Several computer monitors are visible, displaying various data visualizations including bar charts and line graphs. The person is looking at the laptop screen, which shows a circular chart and some text. The overall scene suggests a data analysis or reporting environment.

Rwanda Health information Exchange



'Ananya' for messaging to CHWs & 'Kilkari' for pregnant families

eRegistry: Pregnant woman

Achieving UHC at scale with linked insurance and clinical systems

Liberia

Rwanda

Tanzania

Zambia

South Africa

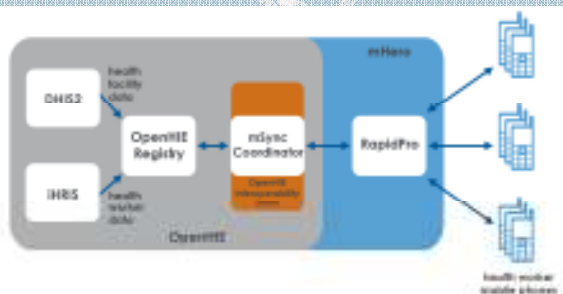
India

Bangladesh

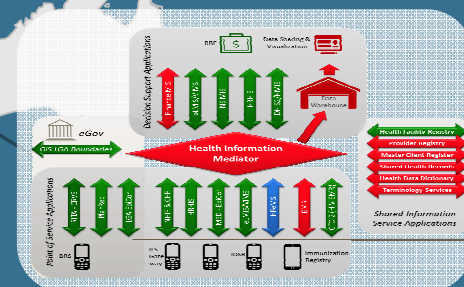
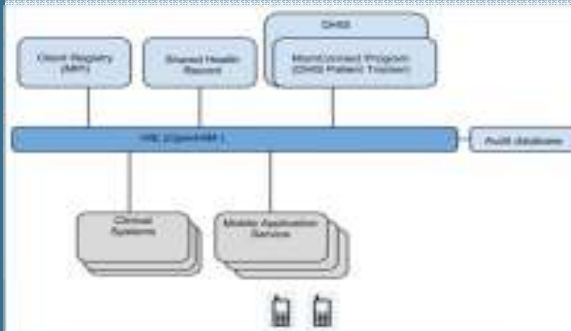
Thailand

Philippines

mHero



South Africa's: MomConnect



Tanzania's HIE To Be Conceptual Model

