The opensource tool for managing Health Financing Schemes

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eHealth Academy

Introduction to openIMIS

- The success of health financing schemes depend on highly efficient implementation of multiple, complex business processes.

- Scheme operators in low- and middle-income countries struggle to achieve efficiencies in these schemes when they lack access to appropriate digital technologies.
  - Build own IT system
  - Buy commercial
  - Use opensource ?

What is openIMIS?

openIMIS is an

- **open source software for manging health financing processes**. It helps digitzing the link between patients, providers and payers for health care.

It is **supported by a**

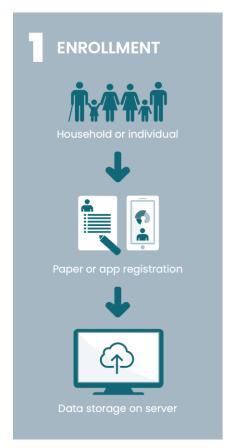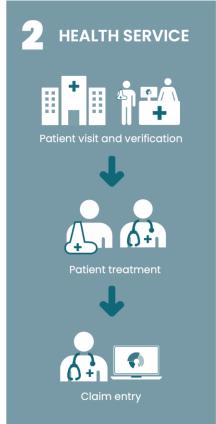- community of developers, users and implementers

With the **joint mission to**

- Increase and improve universal health coverage (UHC) and Universal Social Protection (USP)

Global Good

openIMIS

Principles *for* Digital Development

The history

2016
openIMIS Initiative
(Swiss Development
Cooperation & German
Development Cooperation)

2013
IMIS
Customization
for Cameroon

2018
openIMIS Community
Pilots in DRC, Chad

2020
Continuous
development &
Community
building

2012
IMIS for Tanzania CHF
by SwissTPH, Exact
Software, MicroInsurance
Academy

2014
IMIS customized for
Social Health Insurance in
Nepal

2017
openIMIS Master
Version (Tanzania,
Cameroon, Nepal)

2019
• Modular architecture
  transformation &
  Community building
• Country assessments:
  Rwanda, Malawi,
  Cameroon, Kyrgyzstan

Where is openIMIS used?

The Gambia

Chad

Cameroon

Djibouti

DRC

Tanzania

Zanzibar

Nepal

openIMIS Implementations

- Tanzania
  - Community Health Funds
  - Multiple instances of openIMIS (~1 million)
  - ZANZIBAR: PharmAccess implementation for local health insurance scheme
- Nepal
  - National Social Health Insurance
  - Single instance of openIMIS (~3 million)
- Cameroon
  - Mutuelle based insurance scheme
  - Upcoming: HIV User fee elimination scheme
- Chad & DRC
  - Provincial mutuelle insurance scheme

How can you use openIMIS?

openIMIS

Manage health insurance

- Formal sector schemes (employer/employee based)
- Informal sector (contribution based)
- Private insurance

- Manage beneficiaries
- Record services and generate insurance claims
- Digital transmission of claims
- Review of claims

- Online/Offline functionality

Manage voucher schemes

- Example: Voucher schemes for maternal care

- Register pregnant women
- Provide 'digital vouchers' for various ANC and Post-natal visits
- Record services provided
- Keep track of used vouchers

- Online/Offline functionality

Manage any process where you need to keep track of the diagnosis and services provided to patients

- Uniquely identified patients

- Capture diagnosis using ICD10

- Record services & drugs provided to patient (including pricing information)

- Analyze data extensively using DHIS2 platform

Beyond health: Cash Transfer Schemes

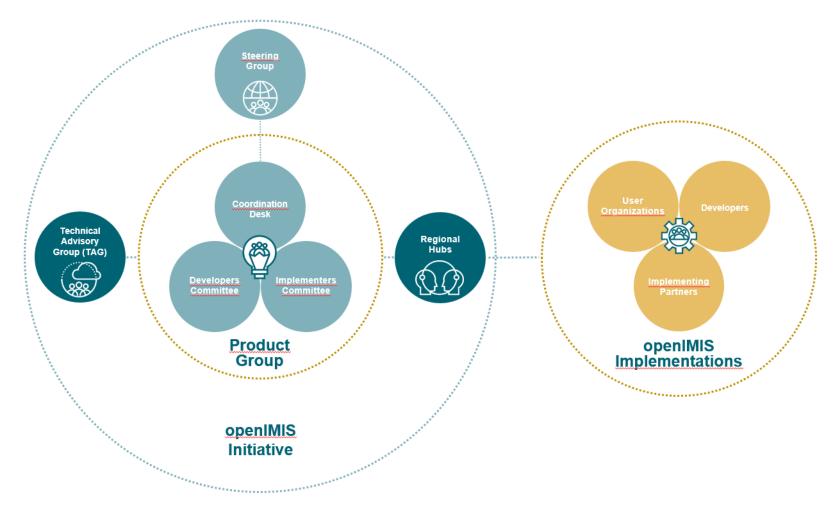Example: Cash Transfer for COvID-19 in The Gambia

- Register beneficiaries
- Identify beneficiaries using unique ID
- Keep track of 'service' provided - cash payment
  - Ensure no duplicate payments
  - Pre-defined cash payment values
- Use Android app or web platform for recording data

openIMIS

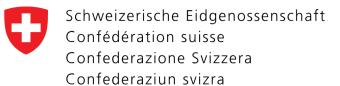# The openIMIS Initiative

Governance Structure

Steering Group

- Current composition:
  - Funding agencies
  - Representatives from user organizations

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

**Swiss Agency for Development
and Cooperation SDC**

Federal Ministry
for Economic Cooperation
and Development

Coordination Desk

- Hosted at GIZ's Global Initiative Social Protection Innovation and Learning
- Coordinate the implementers' and developers' committees
- Maintain wiki, and other collaboration tools
- Manage new software development
- Promote the use and further development of openIMIS

- Implementation support
  - Feasibility
  - Requirements definition
- Capacity development
  - Through regional hubs in Asia and Africa
  - Structured trainings + ad-hoc support

Upcoming plans

- Further software development
  - Completing system re-architecture (together w. Bluesquare)
  - Adding new functionality (2021)
    - Support for formal sector schemes
    - AI supported claims adjudication

- Expansion of scope beyond health
  - Employment Injury Insurance
  - Cash Transfers

- Expansion of implementation base
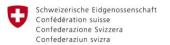 - Catalytic Fund for Implementation

Catalytic Implementation Fund

- openIMIS, the software and knowledge around it is free
- Costs are incurred for an implementation
  - Hardware
  - Software customization
  - Training of users

- BMZ & SDC have jointly setup a Catalytic Implementation Fund for supporting openIMIS implementations in partner countries
  - Application process will be announced soon!
  - Funds can be used for initial software customization, capacity development, and other costs incurred during implementation

Partners

THANK YOU !

www.openIMIS.org

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