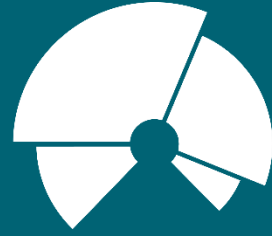


Swiss TPH



openIMIS



Implementing UHC through Open Source Tools: A Cameroonian Use Case

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Swiss Tropical and Public Health Institute

GDHF, December 6th, 2023



MINSANTE



What is openIMIS?

openIMIS is an

- **open source software** for managing **health financing and social protection processes**. It helps digitizing the link between patients, providers and payers for health care.

It is **supported by a**

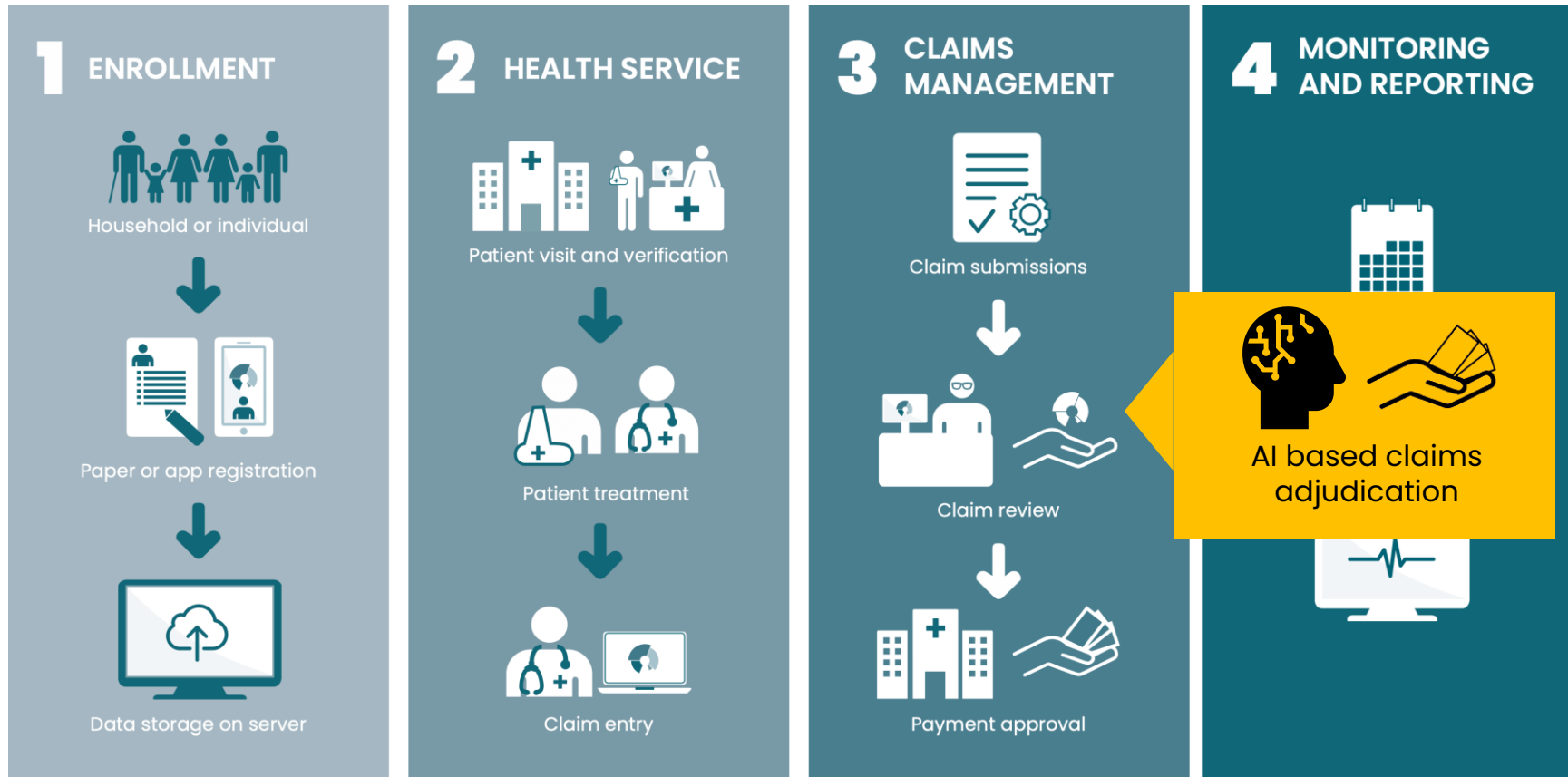
- community of developers, users and implementers

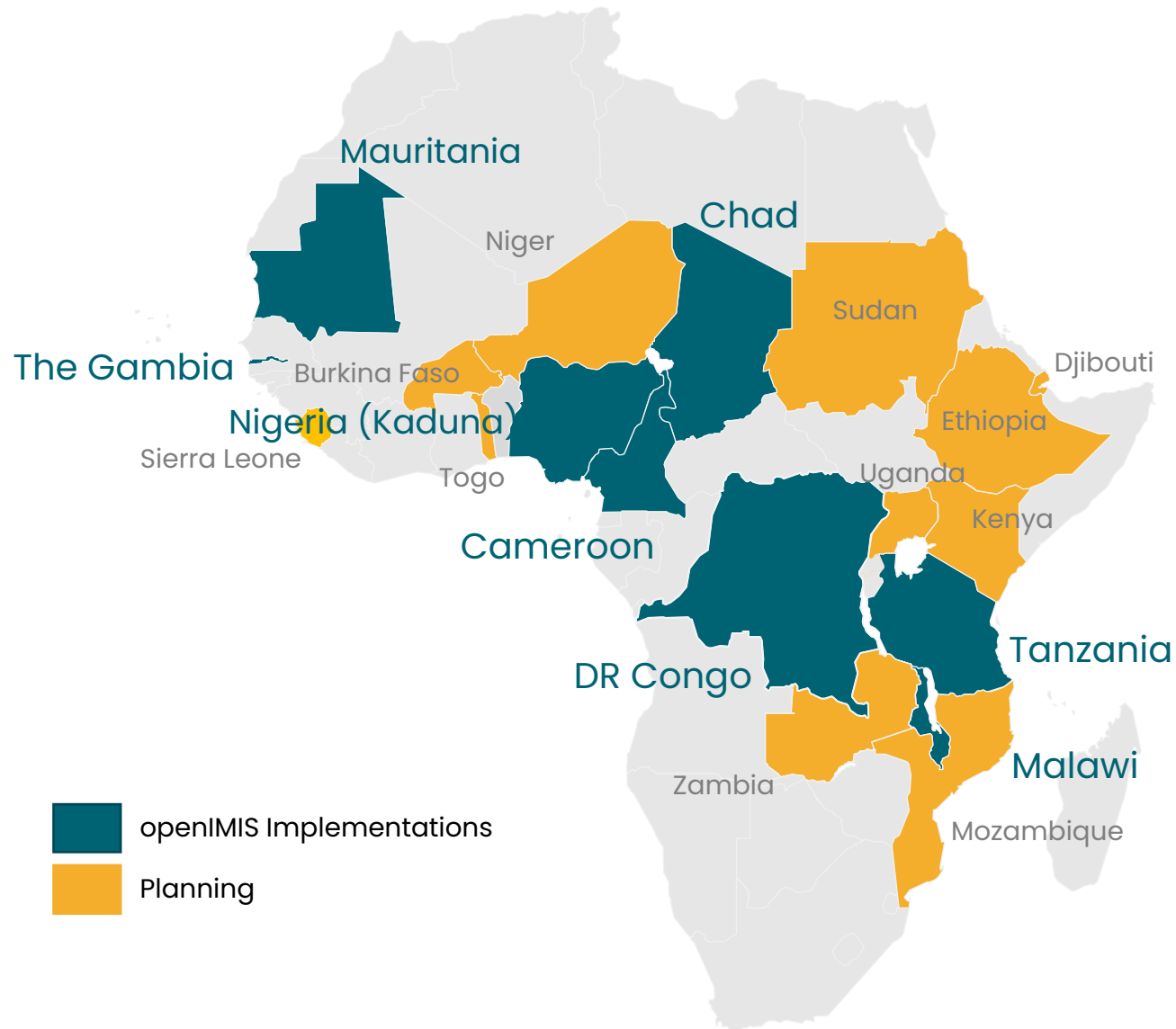
With the **joint mission to**

- increase and improve universal health coverage (UHC)



openIMIS Workflows





- openIMIS implementations in 12 countries for ...
- 11 health financing (Tanzania, Cameroon, Nepal, DRC, Chad, The Gambia, Mauritania, Malawi, Nigeria, Comoros)
 - 5 social protection schemes (Moldova, the Gambia, Nepal, Bangladesh, Niue)
- As of November 2023, close to 11 million people are covered by openIMIS managed schemes.

UHC Announcement

2017 – first announcement by Head of State, H.E. PAUL BIYA

2023 – announcement for Phase 1 to bring together different individual programs under the management of MoH

Programs:

- Maternal health voucher scheme (chèque santé)
- HIV user fees elimination
- Consultation for children under 5
- TB
- Dialysis



Stakeholders

- **CTN-CSU (MoH)** – UHC program management
- **CI (MoH)** – CHC project management
- **GIZ PROPASAR CM** – UHC technical partner
- **Swiss TPH** – openIMIS technical advisor
- **Y-Note** – openIMIS development
- **PSE Consulting** – development CHC
- **CBC** – Dama development
- **KfW / AFD** – financial support for voucher scheme and overall openIMIS implementation



General Architecture

Pre-enrolment platform: **Cameroon Health Coverage (CHC)**

- Registration of all citizens
- Assignment of unique identifiers
- Generation of cards

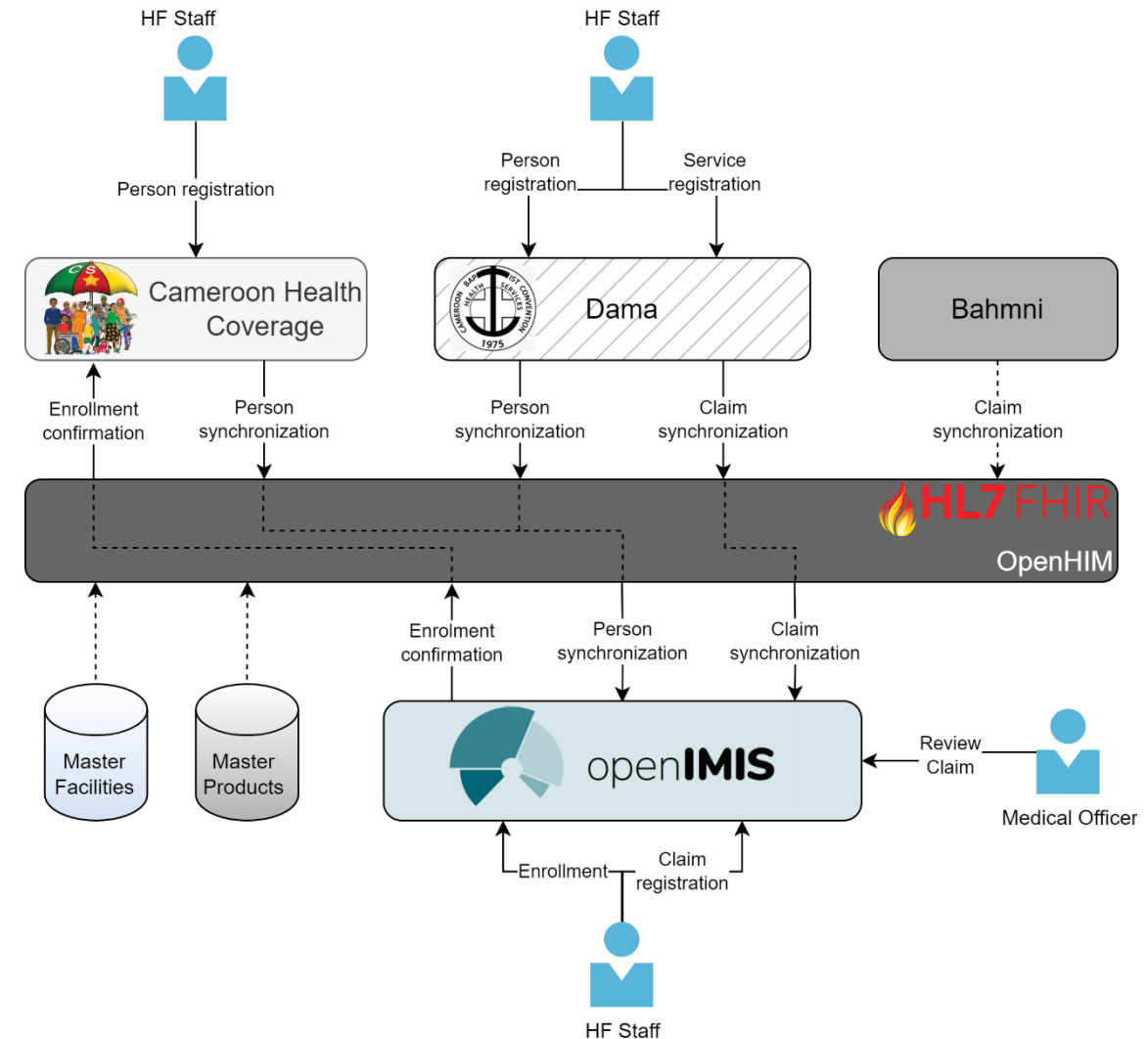
Claim management: **openIMIS**

- Enrolment of citizens
- Beneficiary management
- Claim management

HIV patients management: **Dama**

- Registration and service delivery for HIV patients

Integration through **HL7 FHIR R4** standard



Special program: HIV user fees elimination

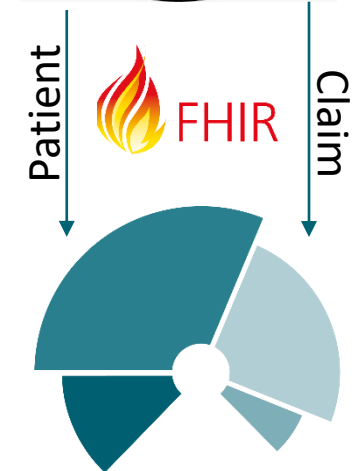
Objective: manage HIV patients anonymously

Results:

- HIV patients are registered and managed through Dama EMR (special identifier, service tracking)
- Synchronization of beneficiaries (positive and negative, only mandatory information) and claims through FHIR R4
- Claims are reviewed anonymously by Medical Officers

Risks:

- Duplication of beneficiaries in openIMIS

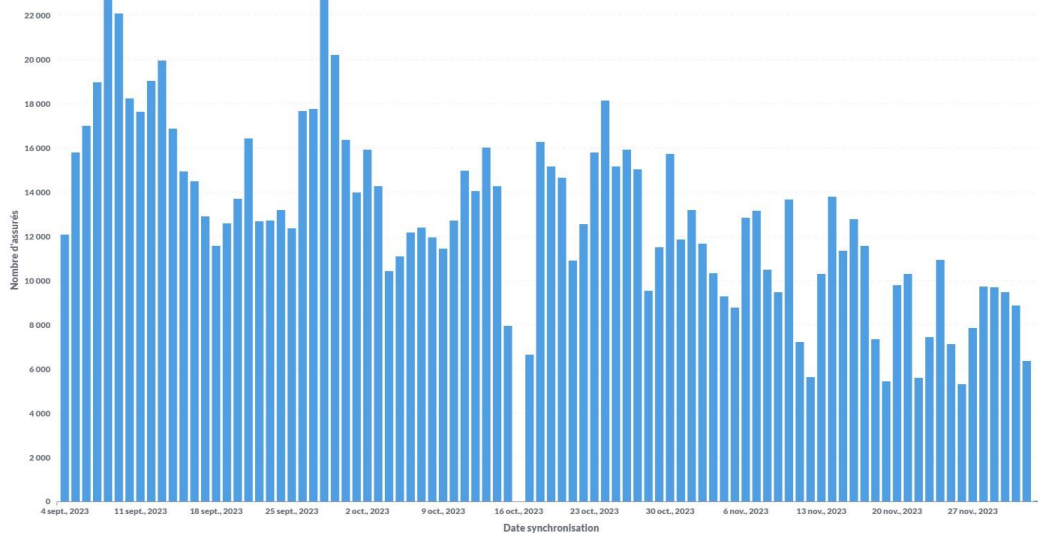


openIMIS Customisations

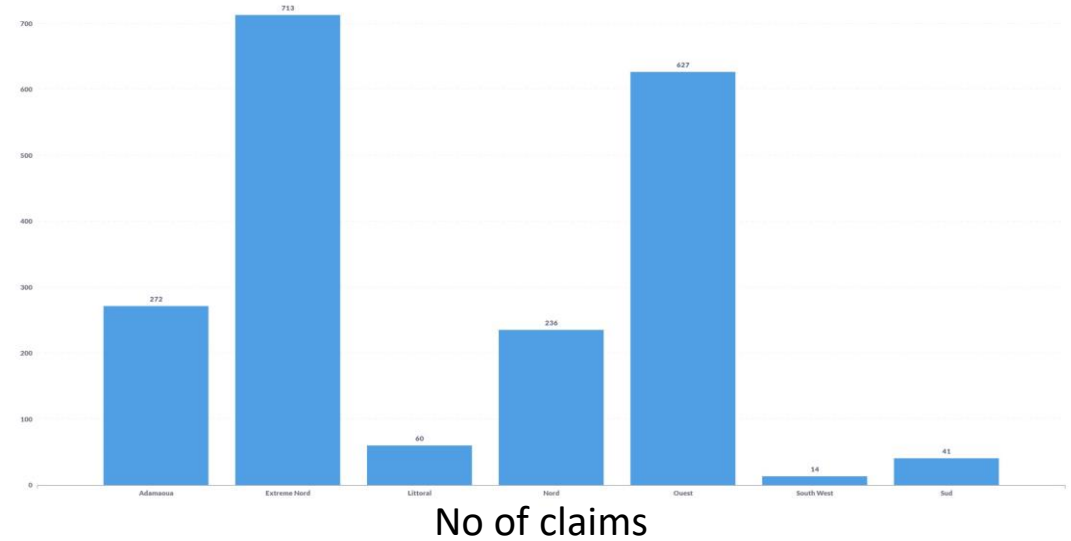
- Program management
- Shared beneficiary data but claim per program and payment per HF
- Service Bundles
- Voucher management (import, synchronisation and validation)
- CSU vs HIV beneficiaries management (HIV patients anonymization)
- Payment Reports
- Metabase dashboards

Results

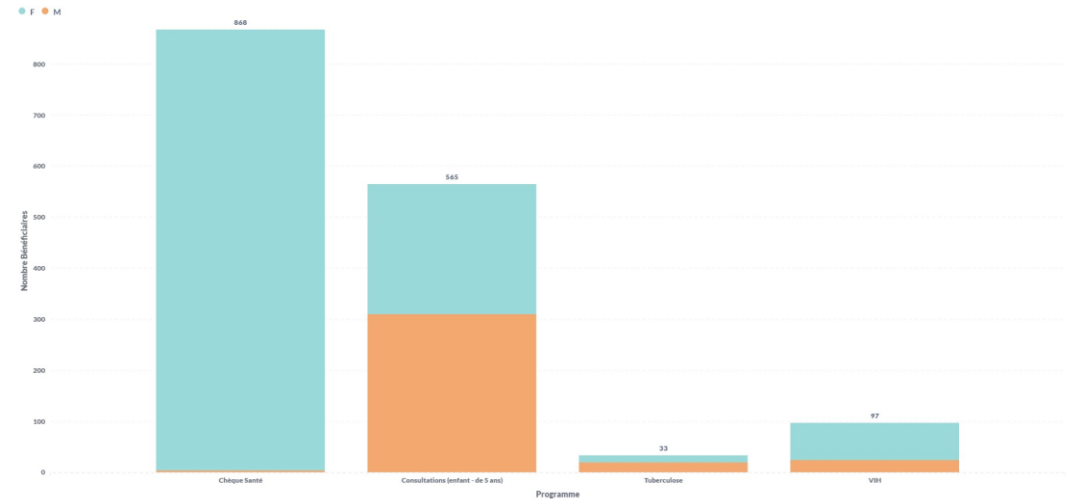
UHC unique instance if live from 1st of November



Beneficiaries synchronized from CHC



Beneficiaries per program



Next steps

- FAGEP program – reimbursement of malaria services for children
- Hepatite C program
- openLMIS deployment and integration
- Bahmni integration
- Contribution management
- Master Facility List
- Master Product List



Thank you

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