



Digital Transformation for Social Protection

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Agenda

1. Introduction of openIMIS
2. Using openIMIS
3. Digital Convergence Initiative (DCI)
4. CORE-MIS powered-by openIMIS
5. Burundi experience



openIMIS

Digital Public Good for Social Protection

A digital public good for managing social protection & health financing systems



- Open-source, free software to help digitally transform social protection programmes
- DPG4DPI – Capable of leveraging Digital Public Infrastructure for added efficiency
- Based on international standards for data and interoperability: DCI, HL7 FHIR, OpenHIE, GovStack

34 million
beneficiaries

14 countries

15+ social
protection programs

Solutions:



Voucher
Schemes



Health
Insurance



Employment
Injury Insurance

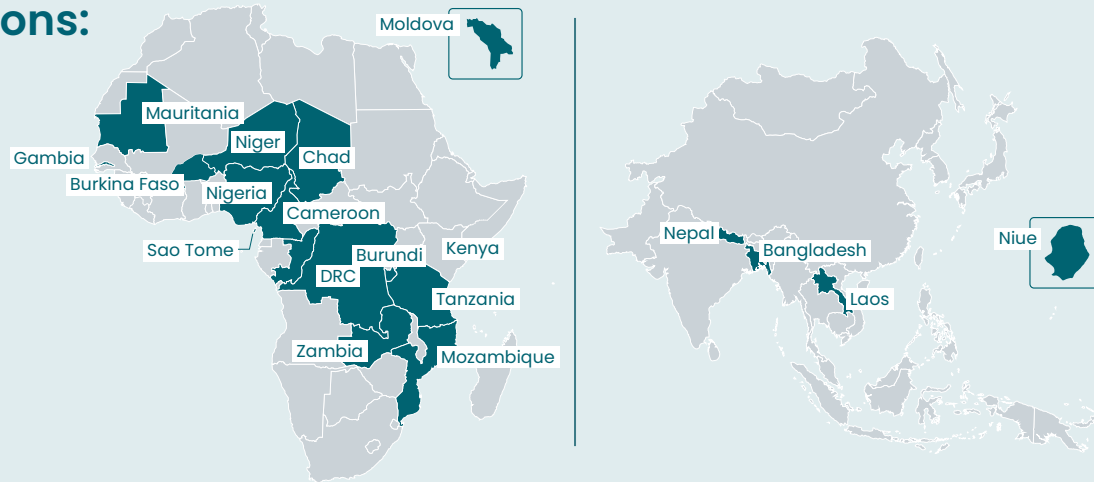


Cash
Transfers



Beneficiary
Registries

Implementations:



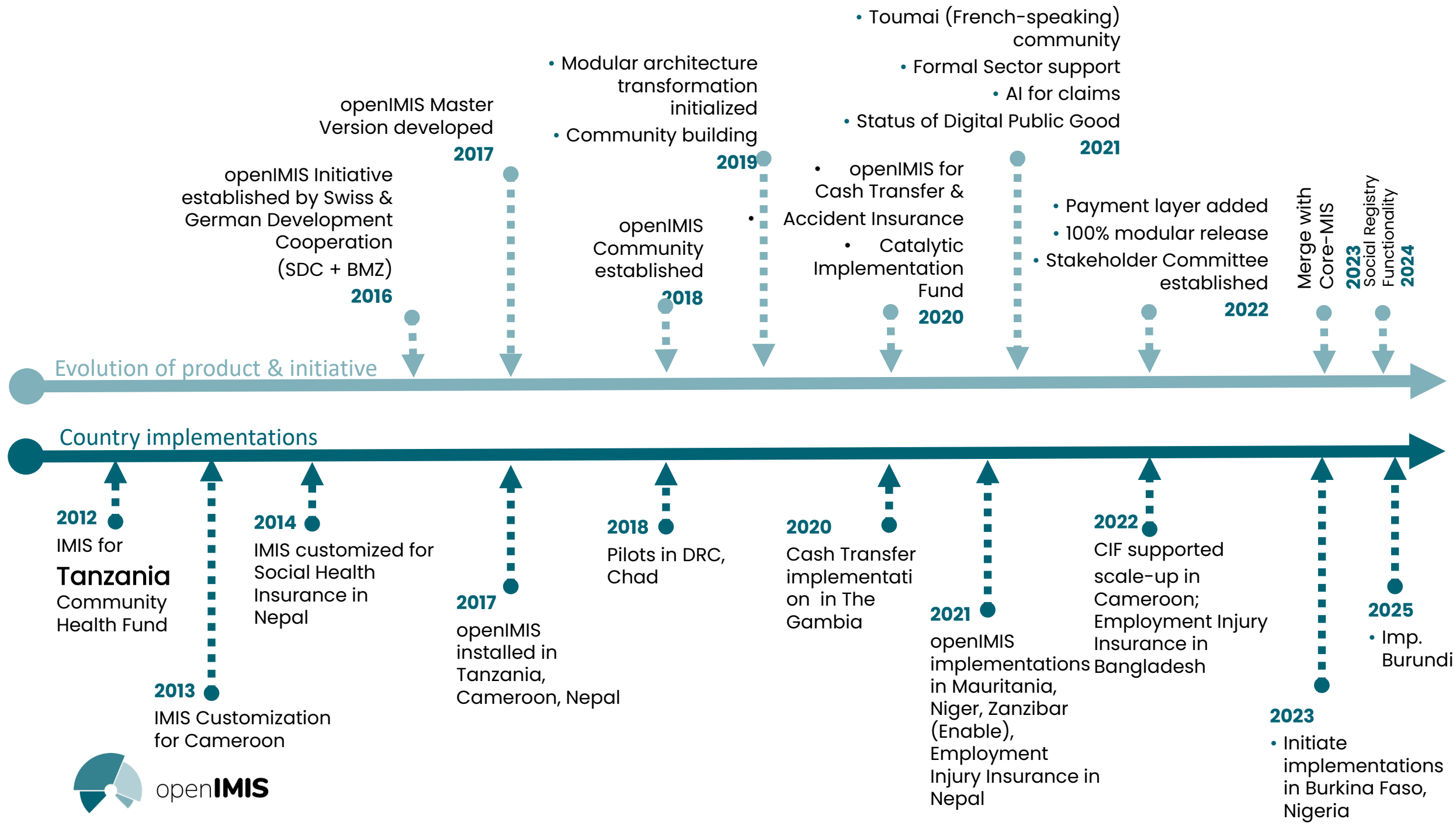
In collaboration with



Supported by



openimis.org | contact@openimis.org | www.github.com/openIMIS | [in](https://www.linkedin.com/company/openimis)



Our Solutions



Health
Insurance



Voucher Schemes



Cash Transfers

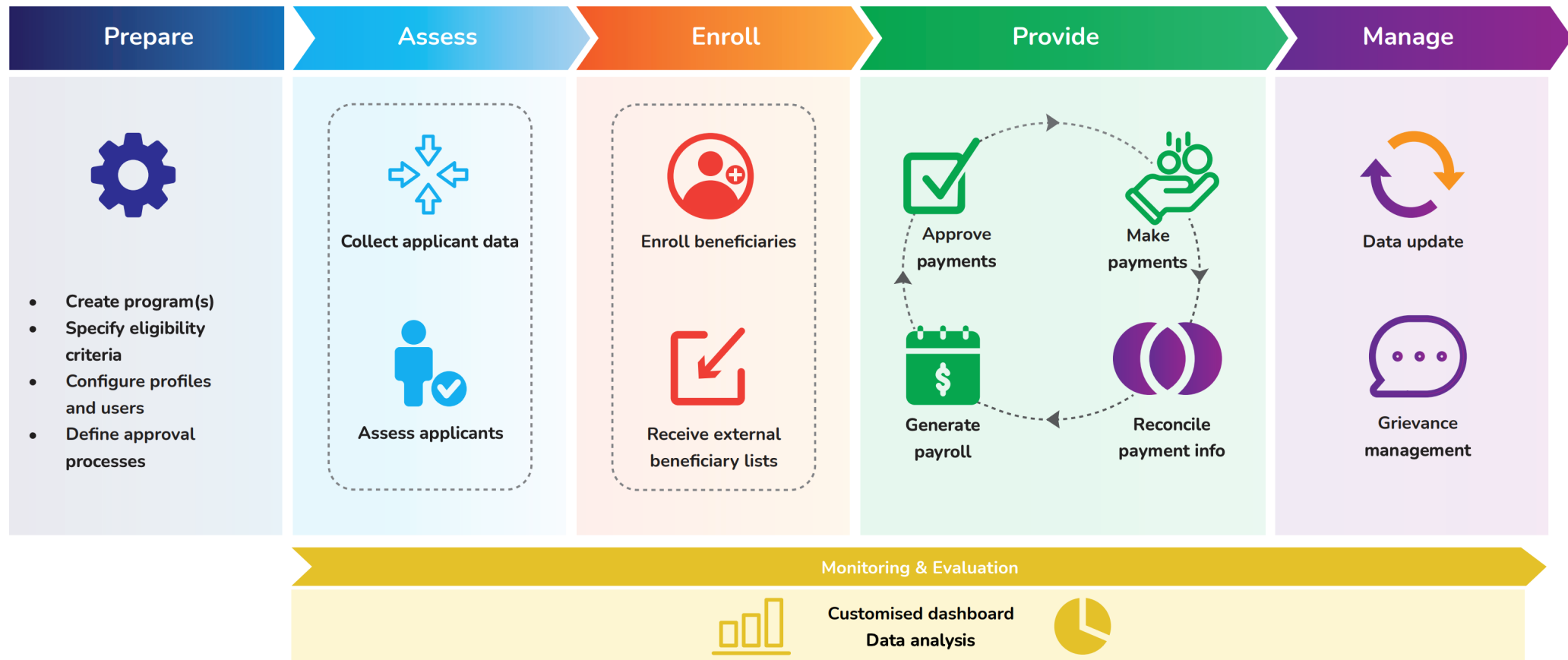


Employment
Injury Insurance

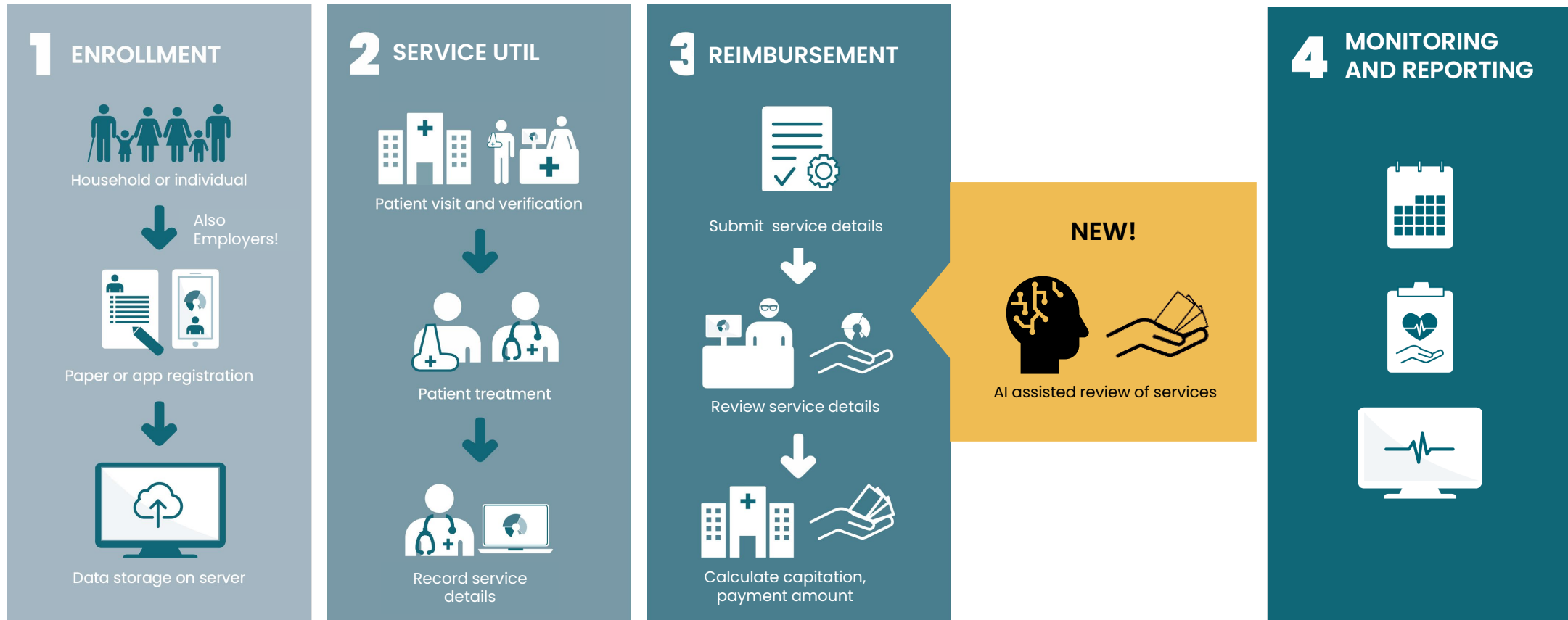


Beneficiary and
Social Registries

Cash Transfer Solution



Health Insurance Solution

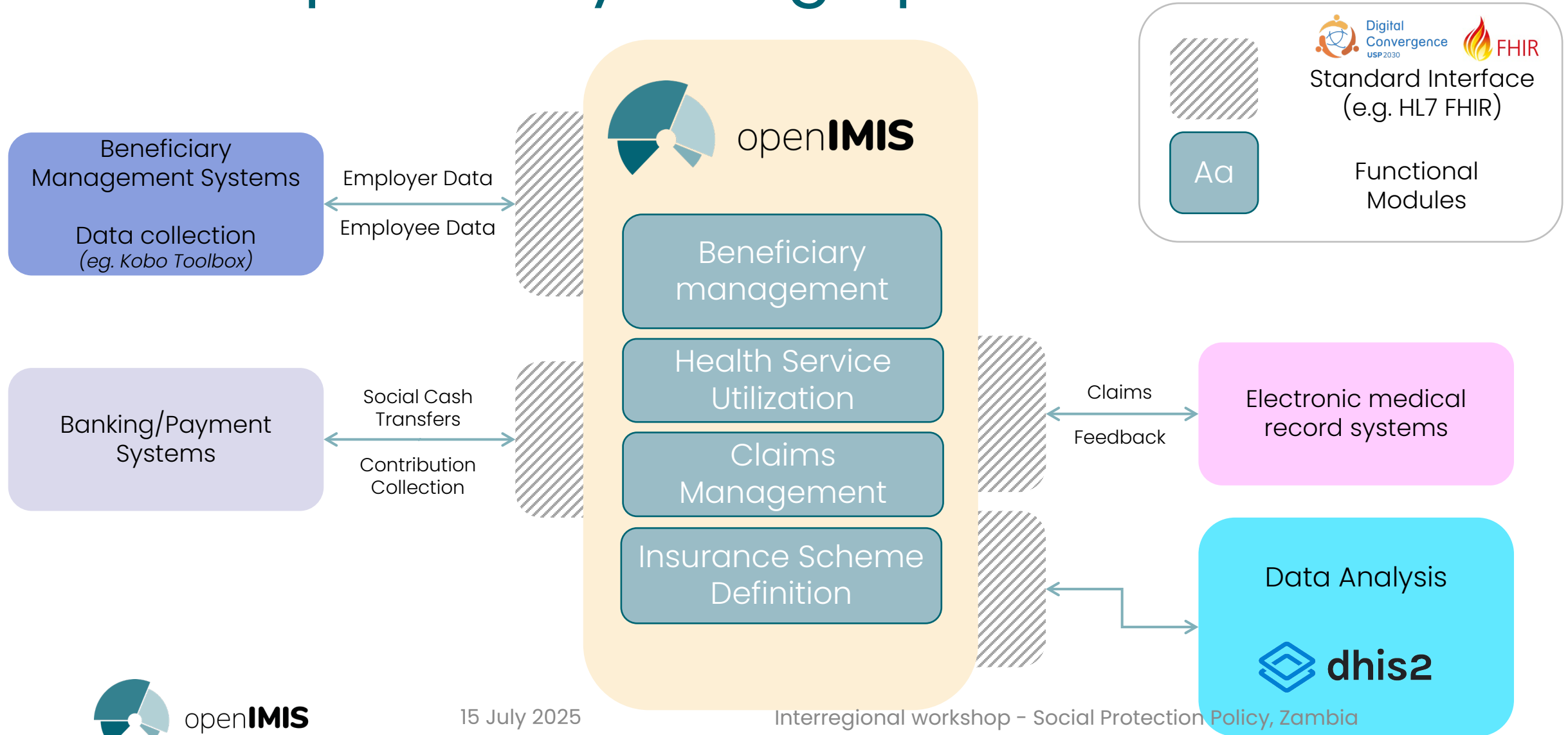


Social Registry Solution

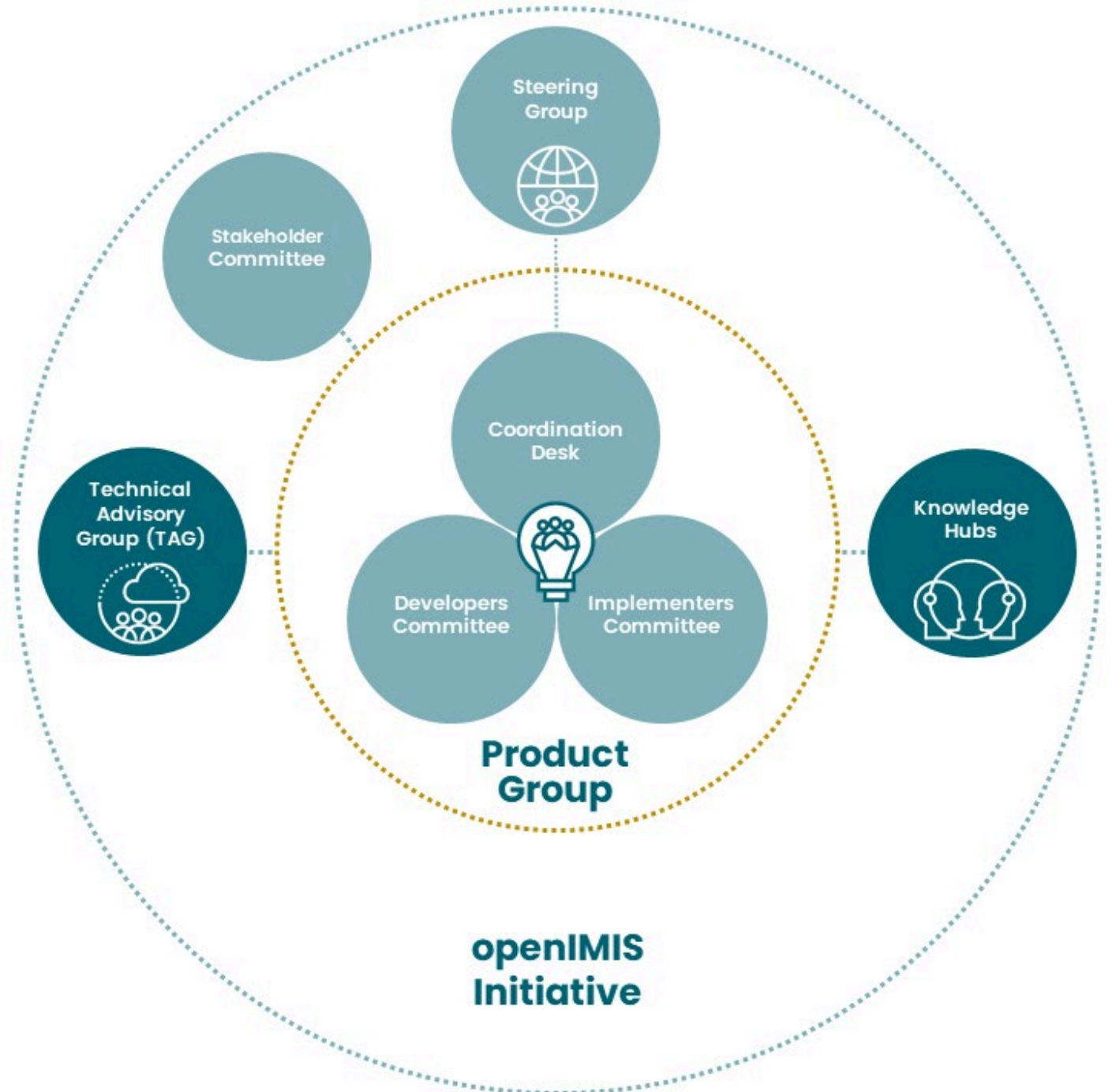


- Implementation in Sao Tome & Principe and Burundi
 - Linked with cash transfer schemes
- Joint requirements definition
 - Social Registry
 - Integrated Beneficiary Registry
 - Available at:
<https://openimis.atlassian.net/wiki/spaces/OP/pages/4135321659/Functional+Requirements+Mapping>

Interoperability Using openIMIS



Governance Structure



Using openIMIS

Frequently asked questions

1. What does open-source mean?
 - Open-source is just a way to make software licence free. It ensures that you don't have to pay anyone for using and modifying the software.
2. Does it mean opening up country data to the outside?
 - NO. Open-source does not require any data sharing.
3. Do I need to give access to openIMIS initiative and/or GlZ or other partners to my system?
 - NO. Your implementation is governed by your rules.

Frequently asked questions

4. How secure is openIMIS?

- openIMIS software goes through security tests after each release (once every 6 months), after which patches are issued.
 - Security also depends on the implementation – we provide general guidance on how to setup a secure implementation.
-
- Does the openIMIS initiative fund implementation?
 - We do not have the ability to fund individual implementations. However we provide the following support:
 - Onboarding of your teams to openIMIS
 - Virtual training to software developers wanting to get started on openIMIS
 - Facilitate engagement in the openIMIS community of practice



Bundesministerium für
wirtschaftliche Zusammenarbeit
und Entwicklung



Schweizerische Eidgenossenschaft
Confédération suisse
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issa



THE WORLD BANK



World Food
Programme



Digital
Convergence
USP2030

Kenya Health
Informatics
Association



OpenHIE



Digital
Public
Goods
Alliance



Digital
X



BLUESQUARE

Swiss TPH



SolDevelo



Healthix
SOLUTIONS



2M CORP



MTCCLtd



Nepal



Tanzania



Cameroon



Communauté openIMIS
Toumai



The Gambia



Chad



DRC



Bangladesh



Mauritania



Niger



Malawi



Laos



Niue

Community

openIMIS Community

- Active community with a mix of
 - Software Developers
 - Social protection program experts
 - Development organizations
- Regular virtual exchanges (weekly & monthly)
- Peer support
- Regional Hubs
 - Asia
 - Africa (Kenyan Health Informatics Association – KeHIA)

An abstract graphic featuring a large blue circle on the right side of the slide. A thin blue line curves from the bottom left towards the center, passing through a small blue dot. Another thin blue line curves from the top left towards the center, passing through a small blue dot. A white line forms a circle within the blue circle, with four small white dots at its intersections with the blue circle's circumference. Overlapping the blue circle and the white circle are several orange shapes: a large, curved, comma-like shape at the top, and two smaller, curved, comma-like shapes below it, one on the left and one on the right. The text 'DCI' is in a large, bold, blue font, and 'Supporting the digital transformation of social protection systems' is in a smaller, blue font below it.

DCI

Supporting the digital transformation of social protection systems

The Digital Convergence Initiative (DCI)

The global initiative for digital transformation of social protection systems



1. Knowledge sharing

Facilitation, development of guidelines and evidence generation on a global level.

28 webinars

6 blogs

1 AI workshop (112 participants / 22 countries)

1 [knowledge base](#) on [spdci.org](#)



2. Standards development



Interoperability standards finalized & endorsed by USP2030

- 1 Civil Registration and Vital Statistics
- 2 Integrated Beneficiary Registry
- 3 Social Registry
- 4 Disability Registry
- 5 Farmer Registry



3. Country support

Digital transformation and interoperability support in 10+ countries. Selected so far: Cambodia, Chile, Costa Rica, Pakistan, Peru, Rwanda, Senegal, Uzbekistan and Zambia

Additionally, the DCI offers a “Help Desk for Digital Transformation” as a light touch approach for expanded outreach to more countries, including the AI Hub which provides advice on AI adoption in social protection systems

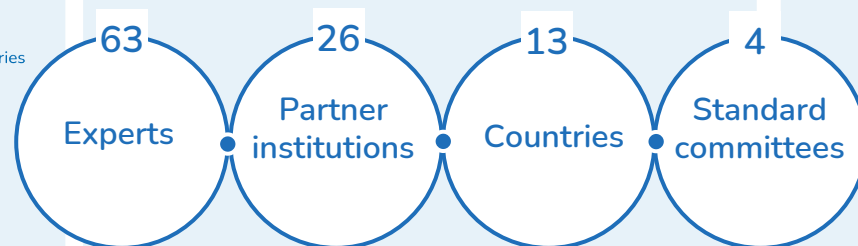


4. Capacity development and training

The International Labour Organization leads a strategic capacity development and training workstream aimed at strengthening the institutional and human capabilities for effective, interoperable and rights-based digital transformation of social protection systems. They do this by facilitating:

- Technical study tours and knowledge exchange
- Training programmes

► [Learn more on our website](#)



Co-funded by



Coordinated by

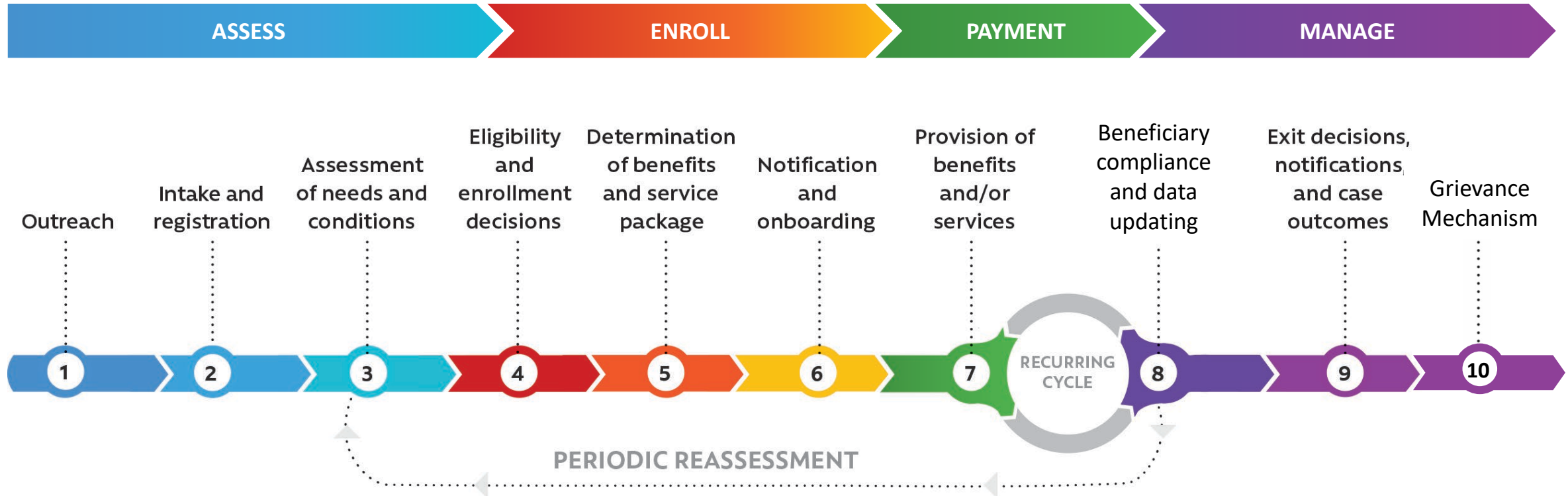


CORE-MIS solution

Functionalities and Implementation experiences



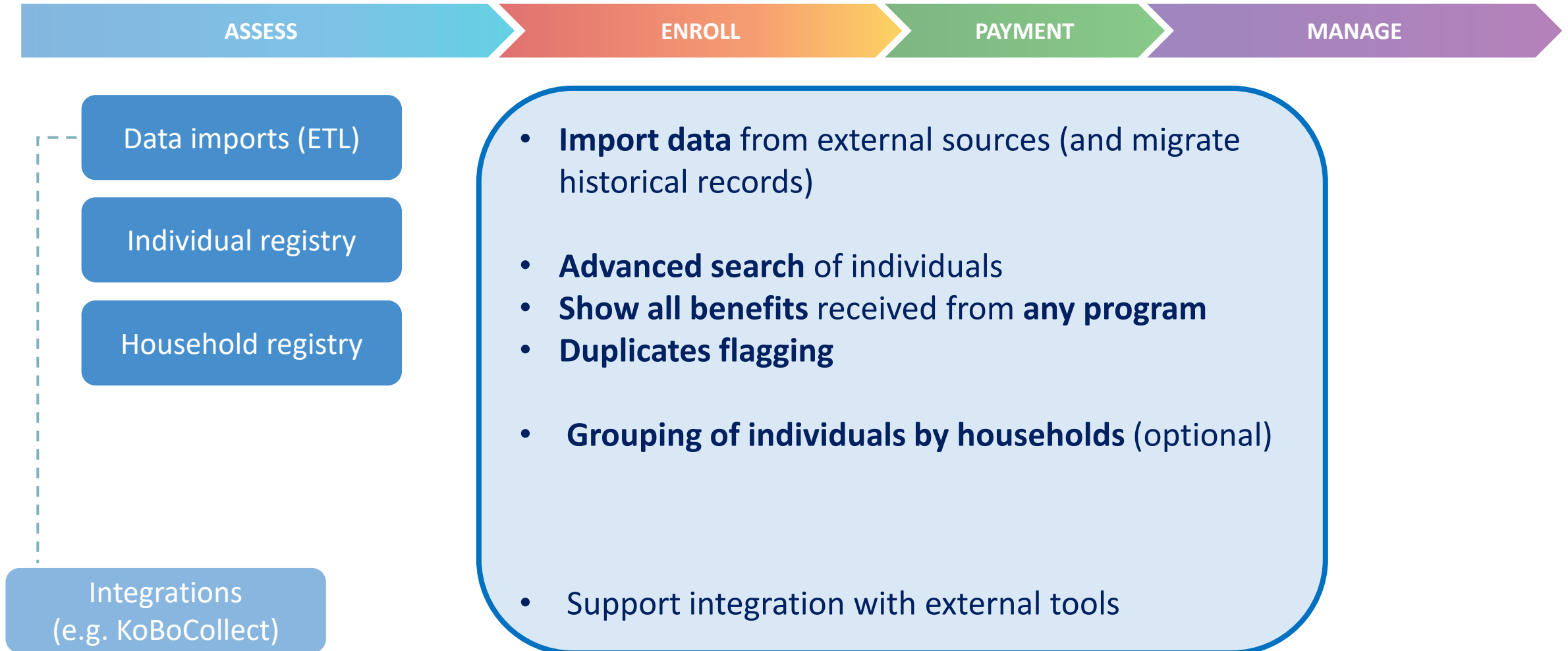
Delivery Chain in Social Protection



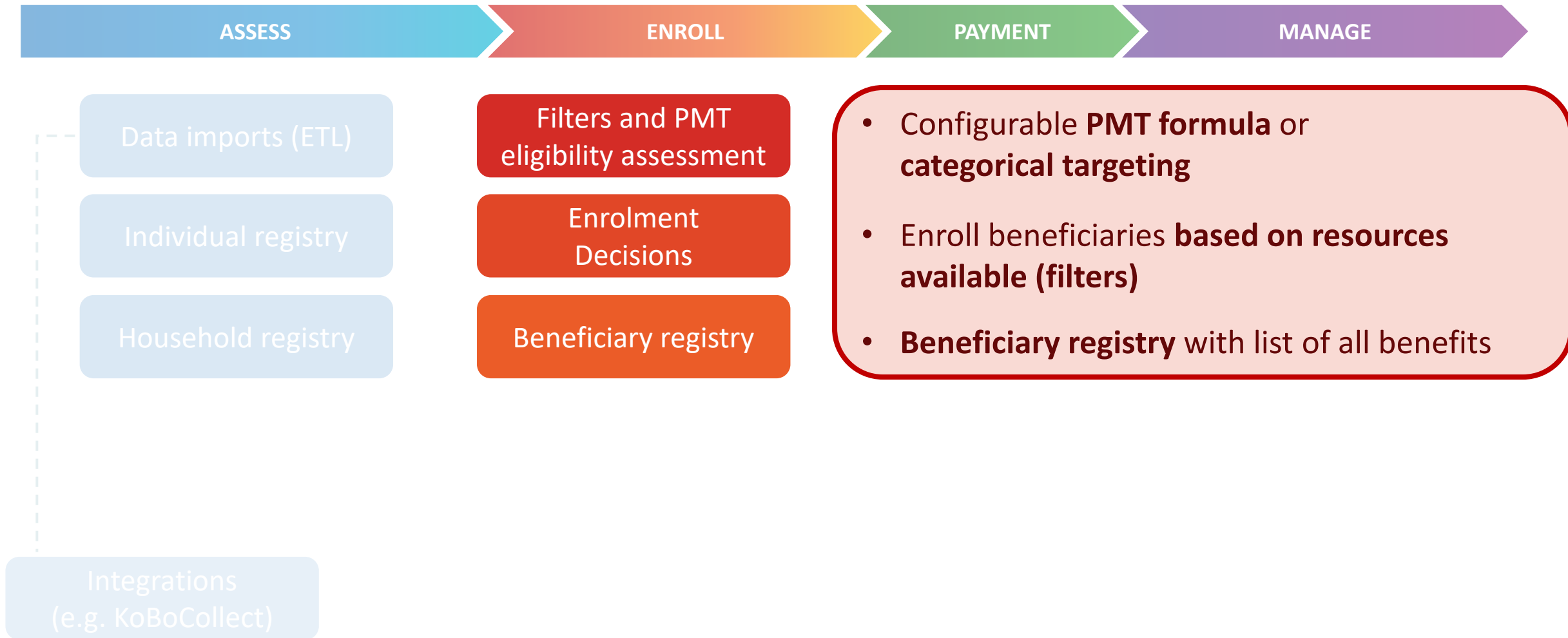
Comprehensive CORE-MIS modules



Comprehensive CORE-MIS modules



Comprehensive CORE-MIS modules



Comprehensive CORE-MIS modules

ASSESS

ENROLL

PAYMENT

MANAGE

- Create a payment plan with **custom formula**
- **Apply filters** (subgroups, areas)
- **Send and reconcile via API (or file)**
- Conditional cash transfer functionality (in progress)

Generation of
payments (file/API)

Payment
reconciliation (file/API)

Timesheets and
compliance

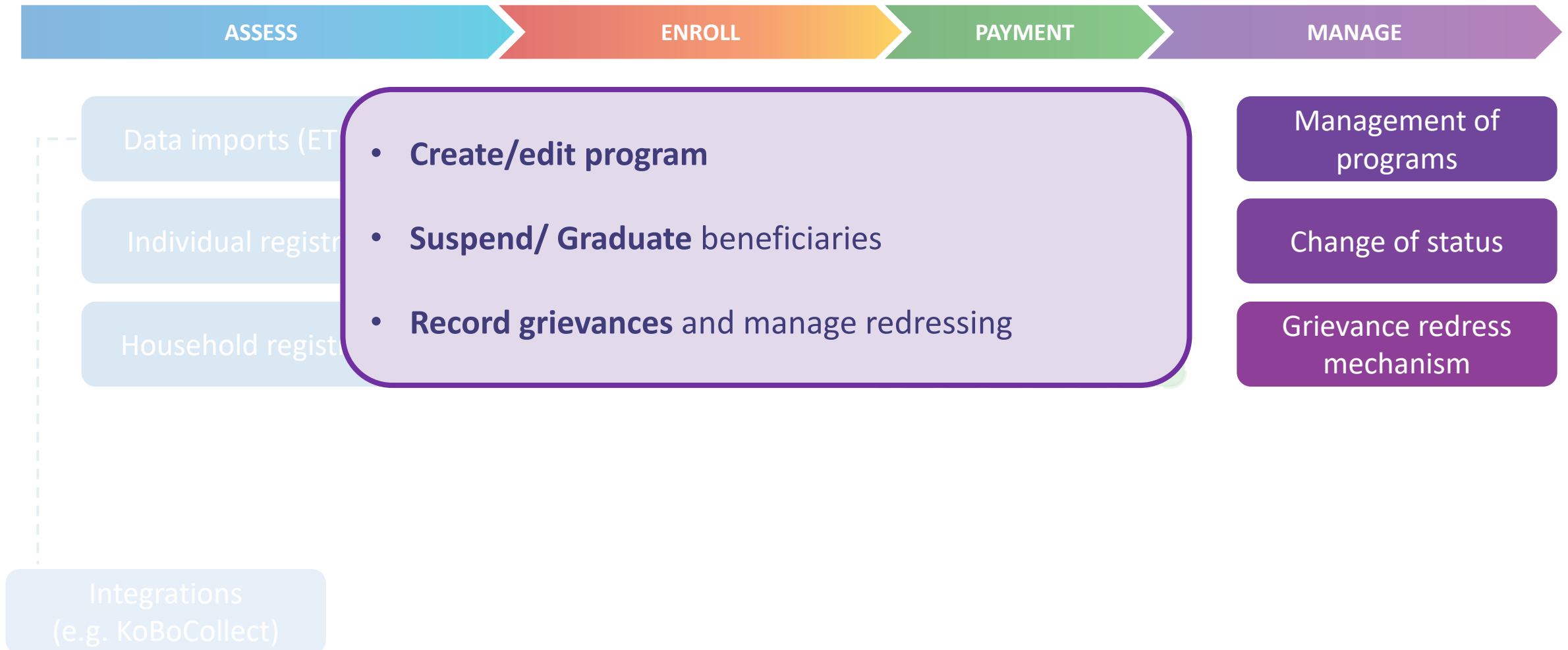
Integrations
(e.g. KoBoCollect)



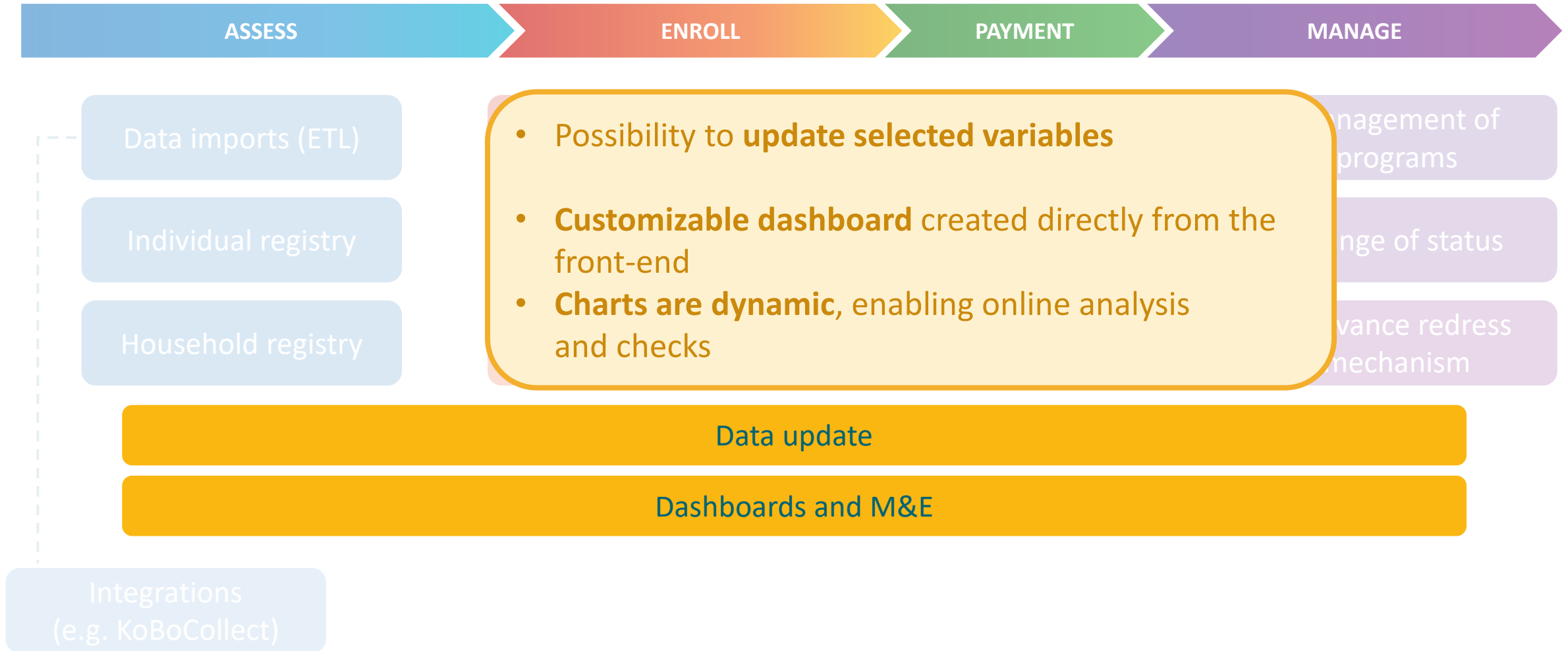
15 July 2025

Interregional workshop – Social Protection Policy, Zambia

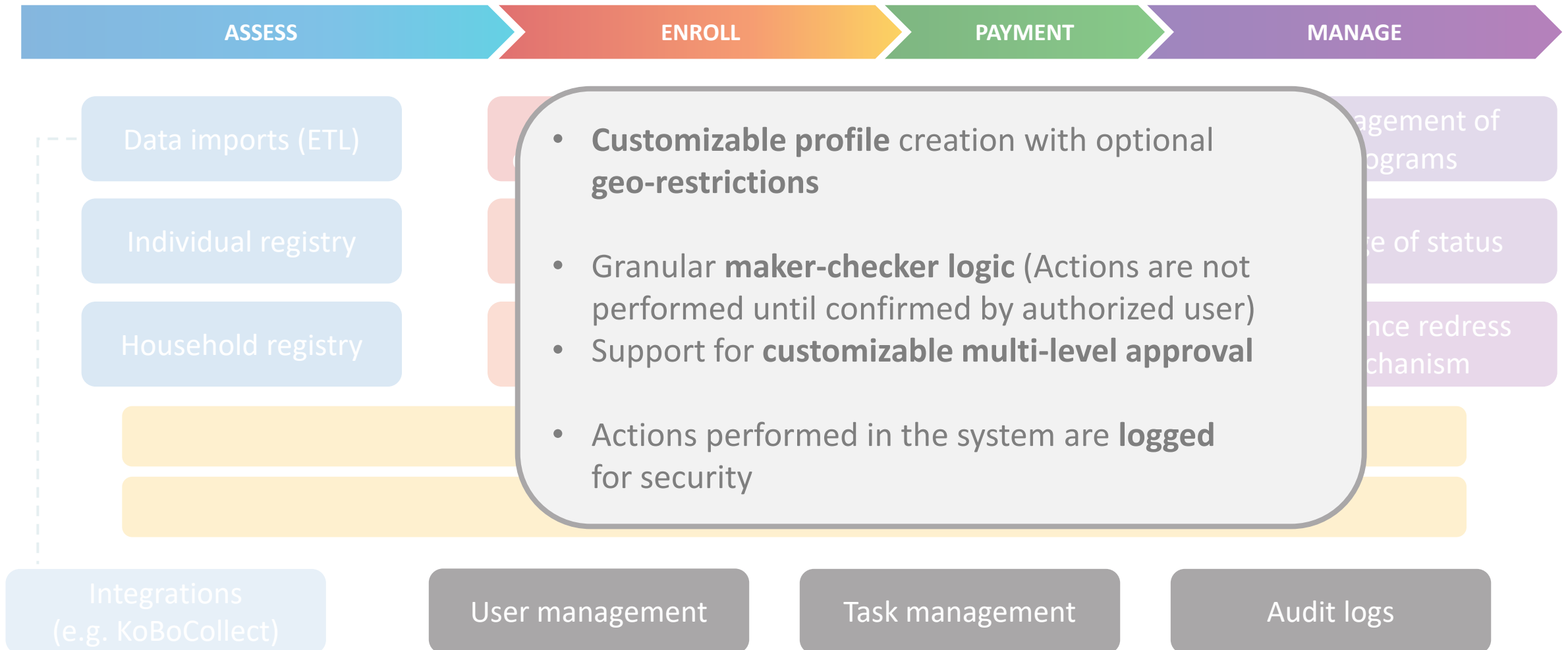
Comprehensive CORE-MIS modules



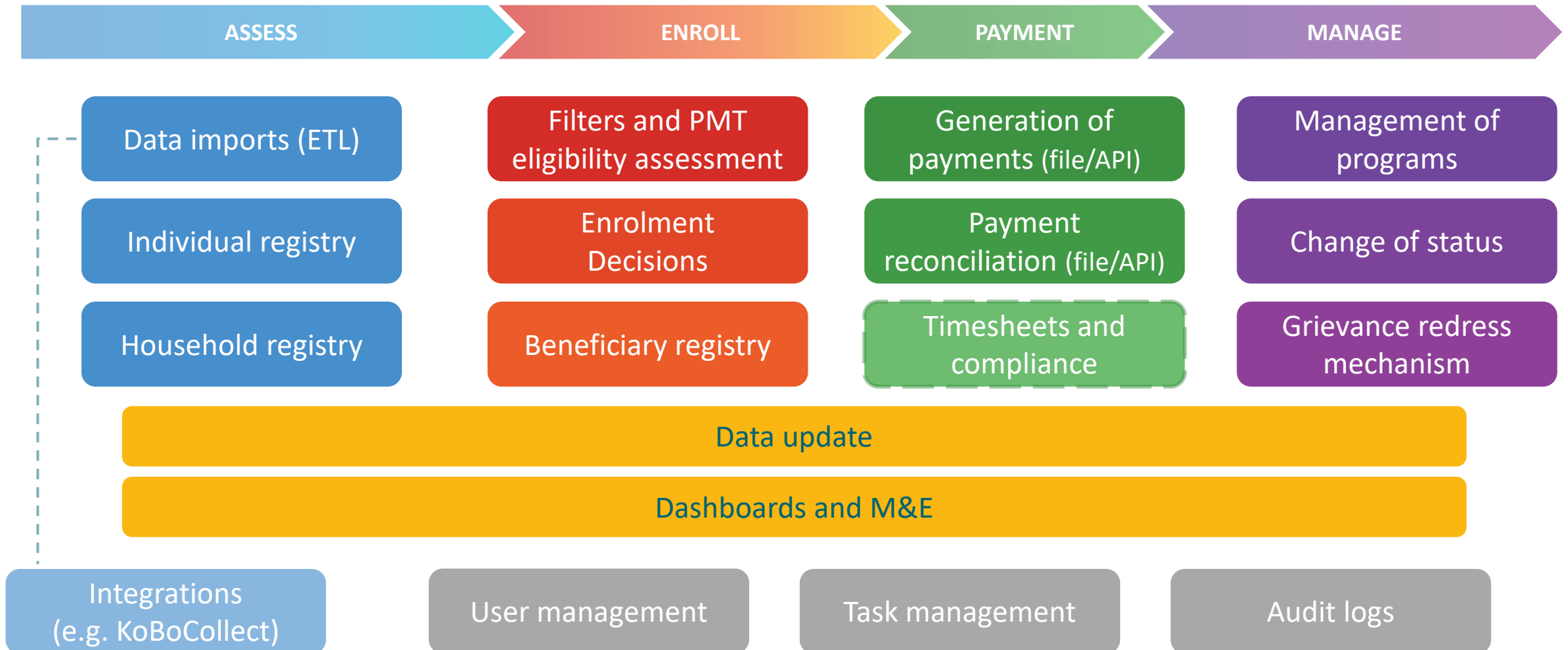
Comprehensive CORE-MIS modules



Comprehensive CORE-MIS modules



Flexibility to build custom solutions



Countries adopting the CORE-MIS

- **Zambia (ZISPIS):**
Java-based pilot version was customized and adopted to manage largest cash transfer program in the country
- **Sao Tome and Principe (Ke-Non):**
Social Registry + CT
- **Burundi (Merankabandi MIS):**
Social registry + CT
- **Chad, Guinea, Malawi, Tanzania, (and more)**

What are Social Registries?

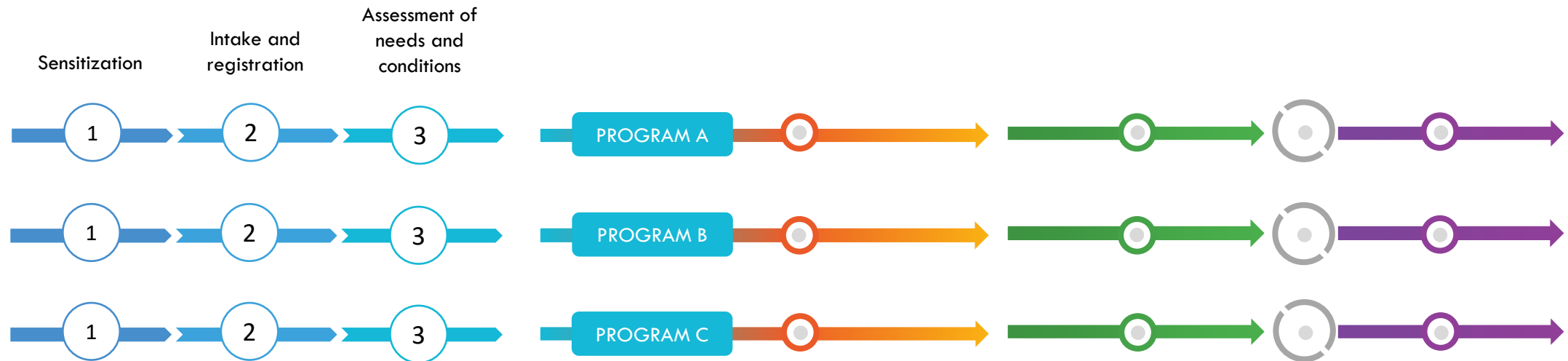


Social registries are organized databases or systems designed to centralize and manage information on **potential** and current beneficiaries of social programs and other relevant sectors. A beneficiary registry, on the other hand, contains information only on actual beneficiaries.

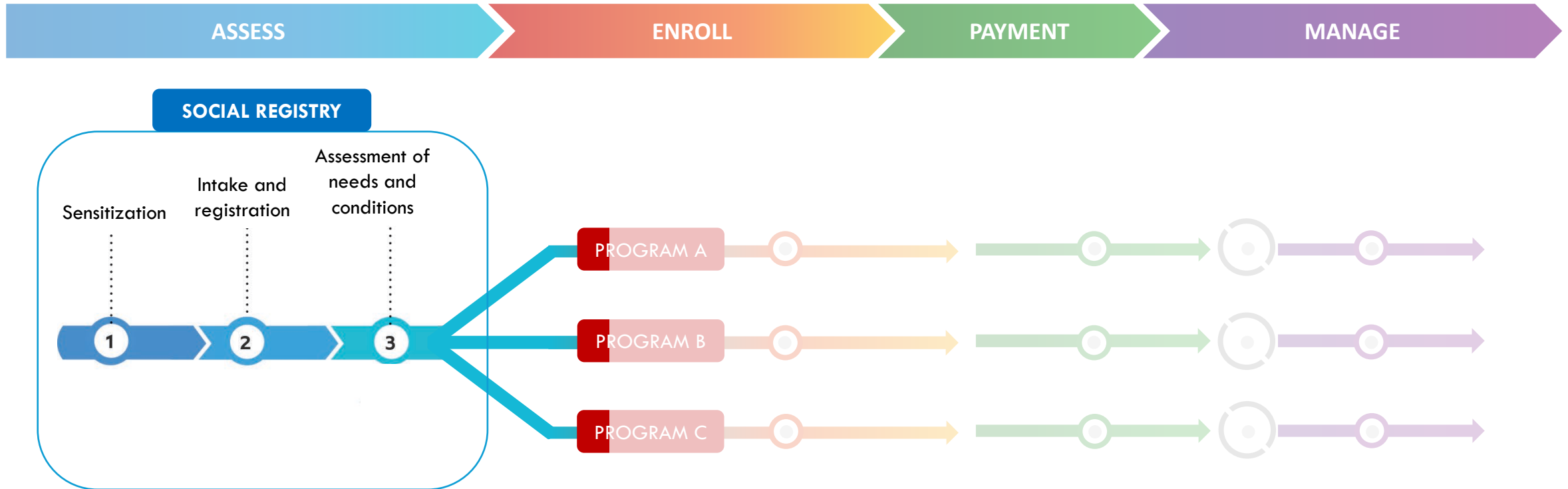


The purpose of these registries is to enhance the efficiency and effectiveness of social protection systems, making it easier to identify, select, and enroll eligible individuals and families for different types of social assistance, like income transfers, food aid, education programs, health services, and others.

Social Registry to reduce complexity

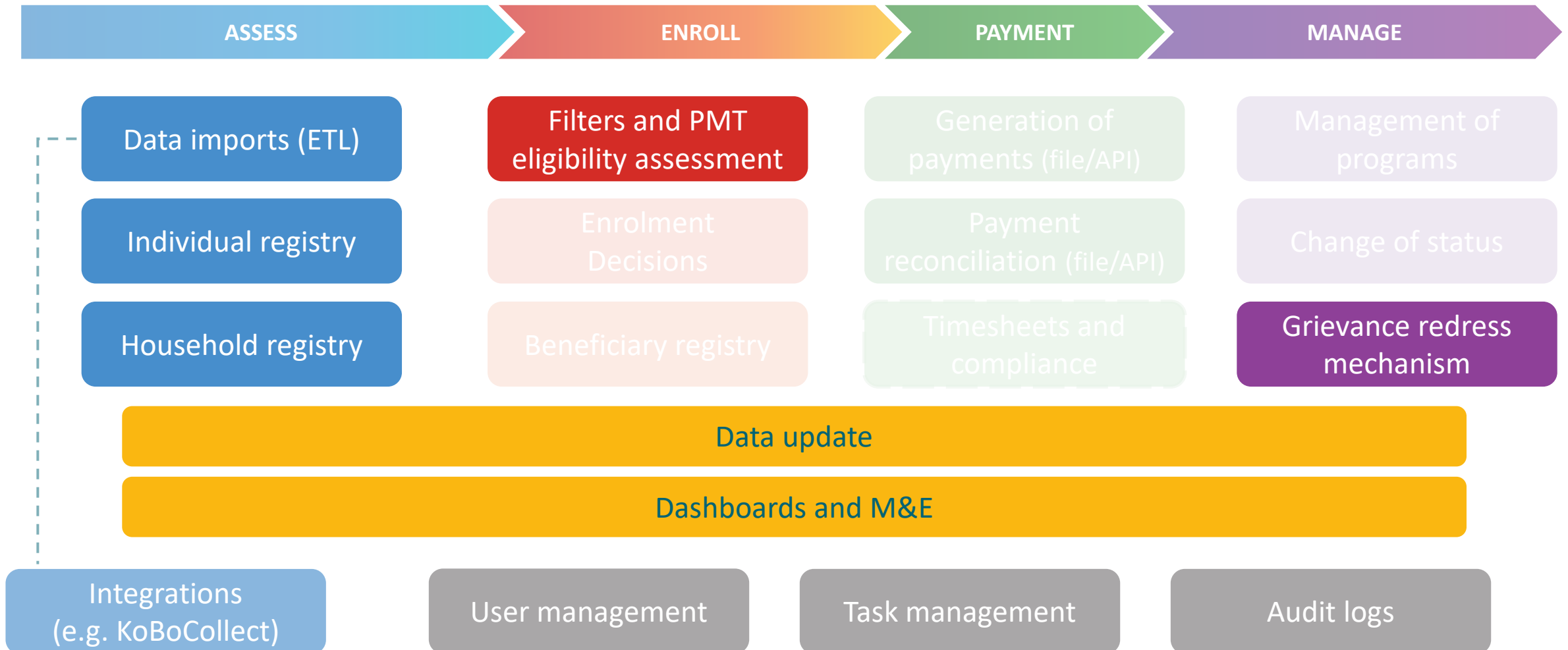


Social Registry to reduce complexity



Social Registries can reduce fragmentation by leveraging economies of scale

Example of Social Registry modules



Burundi experience



Challenges:

- Restricted Access
 - Vendor-controlled custom solution limiting accessibility
- Inflexible System
 - limited adaptation capacity to evolving project requirements
- Critical Functionality Gaps
 - Multiple interventions
 - Monitoring & Evaluation (M&E)
 - Grievance management

Burundi experience



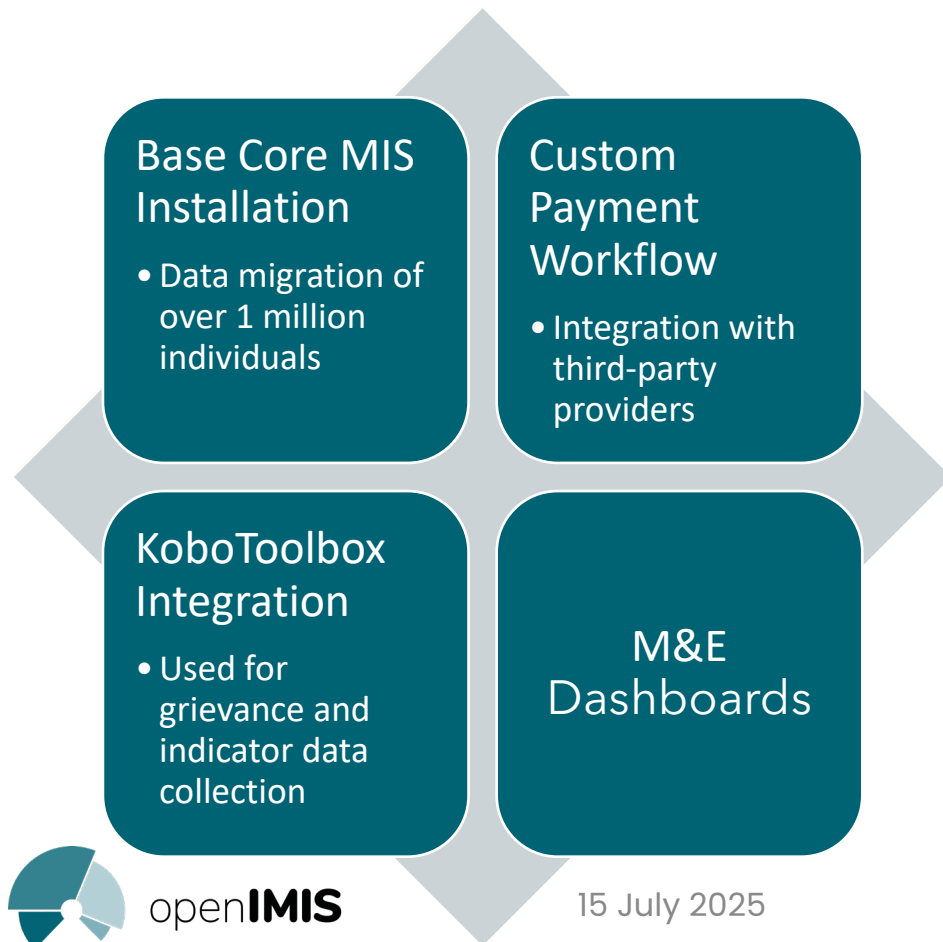
Requirement Analysis:

- Comprehensive Mapping of Core Functionalities
 - Targeting
 - Payment
 - Monitoring and Evaluation (M&E)
 - Grievance
- Gap Assessment
 - Comparison between legacy system and CORE-MIS capabilities
- Identification of Critical Integration Points
 - Integration with external systems

Burundi experience

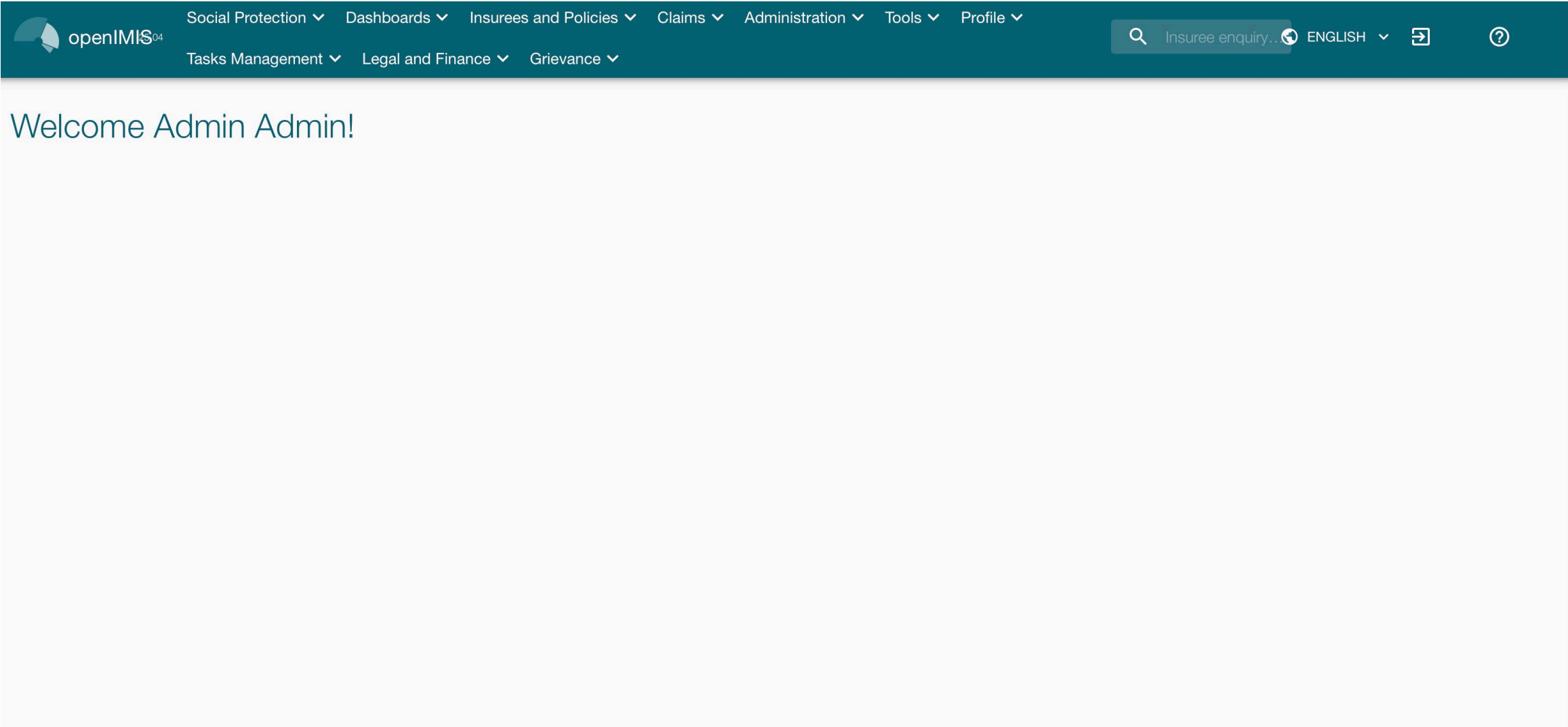


Current implementation

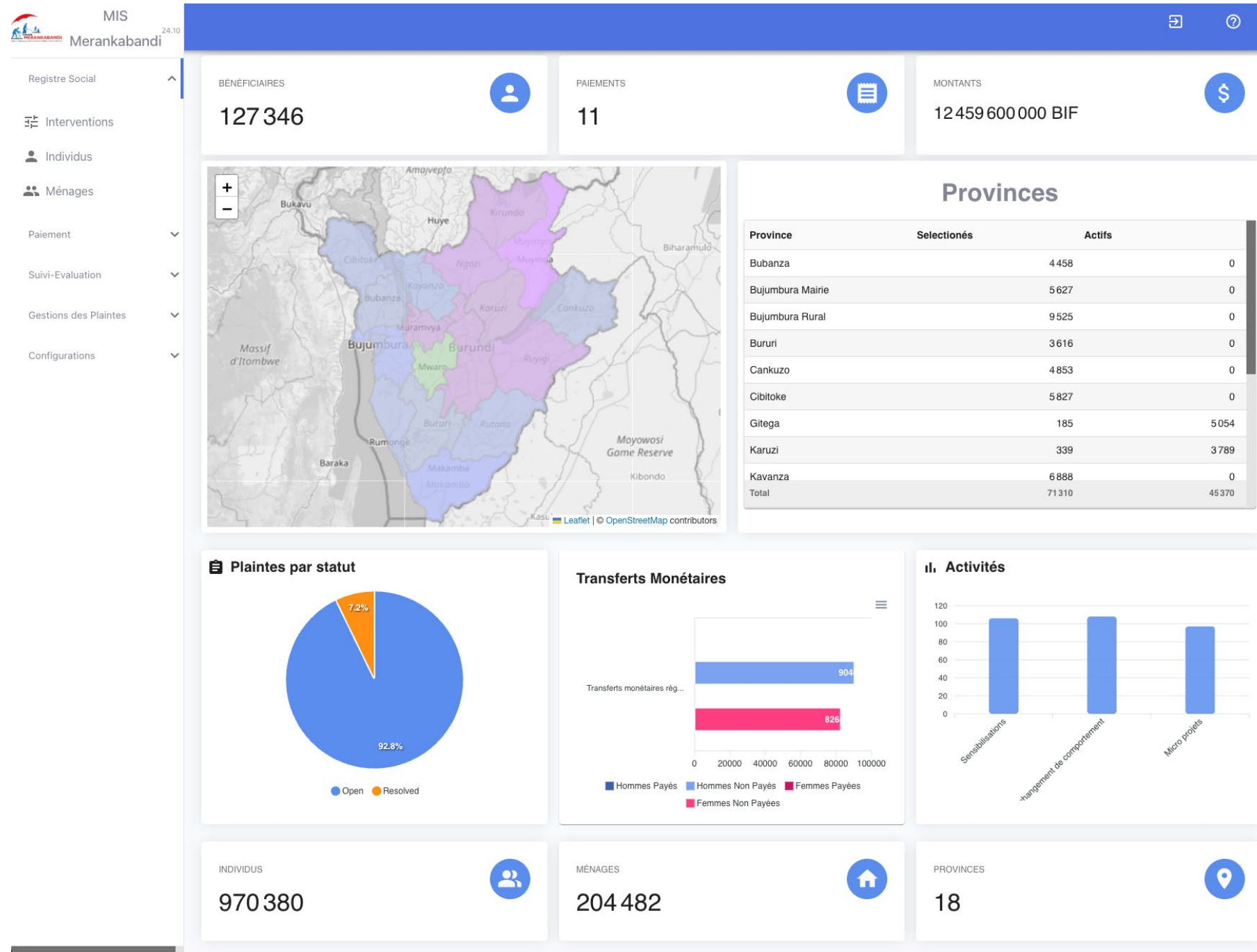


Individuals Registered	<ul style="list-style-type: none">• Approximately 1,000,000 individuals
Households in Database	<ul style="list-style-type: none">• Over 200,000 households
Program Beneficiaries	<ul style="list-style-type: none">• More than 120,000 households

Customizable User Interface



Burundi



Burundi

- Registre Social
- Interventions
- Individus
- Ménages
- Palement
- Suivi-Evaluation
- Gestions des Plaintes
- Configurations

Intervention 1.2 Transferts monétaires réguliers

Code*	Nom*	Date du*	Date à*
1.2	Transferts monétaires réguliers	01-01-2022	31-12-2027
Bénéficiaires maximaux	Institution	Type	Description
		MENAGE	
Schéma			

LISTE

POTENTIEL

ACTIF

SUSPENDU

TÂCHES

PROVINCES

INITIER UNE DEMANDE DE PAIEMENT DÉDUPLIQUER TÉLÉCHARGER HISTORIQUE DES TÉLÉCHARGEMENTS

Critères de recherche

FILTRES AVANCÉS RÉINITIALISER LES FILTRES RECHERCHER

Code	Statut
	Tous
Province	Commune
	Colline

116680 Ménage Bénéficiaires

TÉLÉCHARGER

Code	Province	Commune	Colline	Statut	Carte de bénéficiaire
	Gitega	Gishubi	Kigomera	ACTIF	Carte
	Makamba	Mabanda	Mubondo	POTENTIEL	
	Karuzi	Gitaramuka	Nyarutovu	ACTIF	Carte
	Kayanza	Rango	Musagara	POTENTIEL	
	Bururi	Songa	Rusama	POTENTIEL	Carte

Burundi

- Registre Social
- Palement
- Suivi-Evaluation
- Gestions des Plaintes
- Configurations

Cadre des résultats

INDICATEURS DES OBJECTIFS DE
DÉVELOPPEMENT

INDICATEURS DE RÉSULTATS
INTERMÉDIAIRES

Indicateurs des objectifs de développement du projet par objectifs/résultats

Critères de recherche



RÉINITIALISER LES
FILTRES



RECHERCHER

Nom	PBC	Référence	Cible	Atteint (Progression)	Observation
RENFORCER LES CAPACITÉS DE GESTION					
Ménages des zones ciblées inscrits au Registre social national (nombre)		0.00	250,000.00	<div><div></div></div>	Ménages appuyés de la s/c 1.1, 1.2, compo 4 et 6
Ménages des zones ciblées inscrits au Registre social national - réfugiés, ventilés par sexe (Nombre)		0.00	15,000.00	<div><div></div></div>	Ménages de 2 camps des réfugiés de la Province Ruyigi (Bwagiriza et Nyankanda)
Ménages des zones ciblées inclus dans le registre social national - communautés d'accueil, ventilés par sexe (nombre)		0.00	25,000.00	<div><div></div></div>	5 633 transferts monétaires aux ménages des communautés hôtes en communes Butezi (966), Bweru (360) et Ryigi (1 241) en Province Ruyigi, Gasorwe (1 800) en Province Munynga et Kiremba (1 266) en Province Ngozi
Proportion des ménages inscrits dans la base de données des bénéficiaires vivant sous le seuil d'extrême pauvreté (Pourcentage)		0.00	80.00	<div><div></div></div>	
RENFORCER LES FILETS DE SÉCURITÉ					
Bénéficiaires des programmes de protection sociale (CRI, nombre)		56,090.00	305,000.00	<div><div></div></div>	Ménages appuyés de la s/c 1.1, 1.2, de la compo 4 et 6 + les bénéficiaires de la vague1
PROMOUVOIR L'INCLUSION PRODUCTIVE ET L'ACCÈS À L'EMPLOI					
Bénéficiaires d'interventions axées sur l'emploi (CRI, nombre)		0.00	150,000.00	<div><div></div></div>	
APPORTER UNE RÉPONSE IMMÉDIATE ET EFFICACE À UNE CRISE OU UNE URGENCE ÉLIGIBLE					
Agriculteurs ayant bénéficié d'actifs ou de services agricoles (CRI - nombre)		0.00	50,000.00	<div><div></div></div>	Bénéficiaires de la composante 6 (CERC)

Burundi experience



Key Advantages:

- Open Architecture with Modular Design
 - Allows easy customization and scalability
 - Facilitates integration of new modules
- Enhanced Flexibility for Multiple Interventions
 - Adapts to various intervention strategies
- Robust API Framework for Third-party Integrations
 - Ensures seamless connectivity with external systems
 - Promotes interoperability and data exchange

Time for
deployment:
3 Months

Customization and Deployment approach

IMPORTANT:

- ❖ This is not Software as a service (SaaS)
- ❖ The application should be deployed in secure servers chosen and managed by the client
- ❖ The client is responsible for maintaining the integrity of stored data and for hosting the platform

Software

- No license costs
- No costs for joining the initiative

Hosting costs

- Procurement of hosting
(physical and/or cloud)

Customization and deployment costs

- Requirements specific to the scheme and interoperability needs

Maintenance costs

- Capacity Building costs
- Maintenance costs

Source code and Release cycle

Source code: github.com/openimis

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Standard release cycle is every 6 months (April and October).

Latest release (2025-04) is accessible on GitHub.
Upcoming release (2025-10)



The screenshot shows the GitHub profile page for the organization 'openimis'. The top navigation bar includes links for Overview, Repositories (178), Projects, Packages, and People (10). The 'Repos' tab is selected, displaying a list of 178 repositories. The left sidebar shows filters for All, Public, Sources, Forks, Archived, and Templates. The main content area lists several repositories, including 'openimis-fe-claim_batch.js', 'openimis-be-claim_ai_quality.py', 'openimis-fe-payment.js', 'openimis-fe-contribution.js', and 'openimis-fe-payer.js'. Each repository entry shows its name, type (Public), description, programming language, license, and statistics (forks, stars, issues, pull requests).

Repository Name	Type	Description	Language	License	Forks	Stars	Issues	Pull Requests	Updated
openimis-fe-claim_batch.js	Public	openIMIS claim batch frontend reference module	JavaScript	Other	2	0	0	0	Updated 14 hours
openimis-be-claim_ai_quality.py	Public	claim-ai	Python	GNU Affero General Public License v3.0	0	1	0	0	Updated 14 hours ago
openimis-fe-payment.js	Public	The openIMIS frontend Payment module reference implementation	JavaScript	Other	2	0	0	2	Updated 15 hours
openimis-fe-contribution.js	Public	openIMIS Frontend Contribution reference module	JavaScript	Other	4	0	0	1	Updated 16 hours
openimis-fe-payer.js	Public	The openIMIS frontend Payer module reference implementation							

Community Tools

- [Homepage](#)
- [Wiki](#)
- Forum
- Document Share
- [Chatgroup](#)
- [Service Desk](#)
- [Issue Tracker](#)
- [Code repository](#)
- [Internationalization](#)
- [Demo Server](#)
- [Documentation](#)



15 July 2025

The image is a composite of three screenshots from the openIMIS project's online presence. The top-left screenshot shows the GitHub organization page for openIMIS, displaying the repository list with projects like 'openimis-be-claim', 'openimis-be-self', 'openimis-fe-claim', and 'openimis-fe-language_en-tz_js'. The top-right screenshot shows the openIMIS website's homepage, which includes a welcome message, a sitemap with links to documentation and downloads, and a sidebar with links to the latest version, report issues, and jump to sections. The bottom-center screenshot is a detailed view of the 'openIMIS Service Desk', which provides a structured way for users to report bugs, request new features, or ask questions, with icons and clear instructions for each type of request.

Interregional workshop – Social Protection Policy, Zambia

THANK YOU!



Q&A

