



Digital  
Convergence  
USP 2030

## Standards driven interoperability:

Unlocking the power of integrated digital ecosystems

May 21, 2026 | 12:00-13:00 GMT

Co-funded by:



Coordinated by:





Anita Mittal

GIZ

Opening Remarks

# Welcome



# Housekeeping Rules

- Ask your questions in the Q&A box
- Share any comments or resources in the chat
- Simultaneous interpretation is available  
Select the language in the interpretation icon on control bar  
(English, French, Spanish, Portuguese available)
- Session will be recorded

To: Everyone ▾



Your text can be seen by panelists and other attendees



# Agenda

12:00 – 12:10

**Welcome and Context setting**

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12:10 – 12:15

**EU CAMSS**

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12:15 – 13:15

**DPGs Demonstrations**

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13:15 – 13:35

**Participants Q & A**

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13:35 – 13:55

**Panel Discussion: Country Perspectives**

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13:55 – 14:00

**Closing Remarks**

# Standards driven interoperability:

Unlocking the power of integrated digital ecosystems | May 21, 2026 | 12:00-13:00 GMT



Keynote  
**Anita Mittal**  
GIZ



Keynote  
**Romina Fernandez**  
EU DIGITS



Moderator  
**Mohamed Almenfi**  
World Bank



Panellist  
**Jorge Diaz**  
Expert



Panellist  
**Lamine Fall**  
Expertise France



Panellist  
**Dominique Leska-See**  
GIZ



Presenter  
**Venkatachalam Ganapathy**  
OpenG2P



Presenter  
**Sunil Parajuli**  
openMIS



Presenter  
**Jeremi Joslin**  
OpenSPP



Presenter  
**Edward Duffus**  
OpenCRVS



Presenter  
**Rachik Raj Sharma**  
MOSIP



Co-funded by:



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# About the Initiative

The **Digital Convergence Initiative (DCI)**, launched in September 2021, is a joint effort by USP2030 to support the **digital transformation of social protection systems**.

Coordinating partners with funding support from EU in addition to BMZ

Co-funded by



Coordinated by



Expanding Community with other Stakeholders

International Organizations

DPGs

Country  
Representatives

Private Sector

Similar Other Initiatives

External Experts



# DCI Approach



## Knowledge sharing

Open and collaborative **digital knowledge base** on digital social protection

### Knowledge products:

- ✓ Case studies and reports
- ✓ Guides and toolkits
- ✓ Learning briefs

### Events:

- ✓ Webinars (over 30)
- ✓ In-person workshops and conferences



## Global technical standards

Global effort to harmonize **technical standards for interoperability**

- ✓ Transparent, multi-stakeholder, consensus-building processes to **develop standards**
- ✓ Open **digital repository** of technical standards
- ✓ Engagement with solutions providers and practitioners to **promote adoption**



## Country implementation support

Digital transformation and interoperability **country support**

- ✓ Direct **implementation** in 21 selected countries
- ✓ The **Helpdesk** as a technical support facility for expanded outreach to countries to guide on Digital Transformation



## Capacity development & training

Strengthening institutional and human **capacity**

- ✓ Structured **peer learning** opportunities through cross-country exchanges
- ✓ Modular, adaptable and practice-oriented **training programs**, designed for country-specific contexts

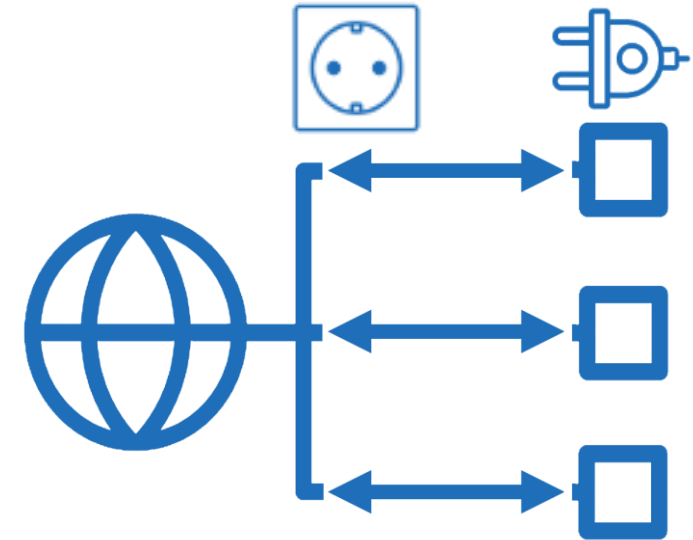


# Interoperability: Systems Communicating

Digitalization makes Social Protection delivery much faster and more efficient - but...

to unlock their full potential, digital systems must be interoperable.

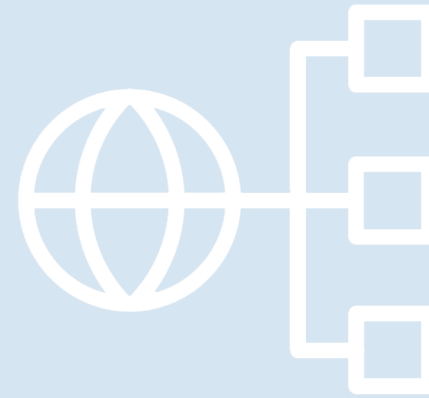
**Interoperability means systems can communicate and interact with each other.**



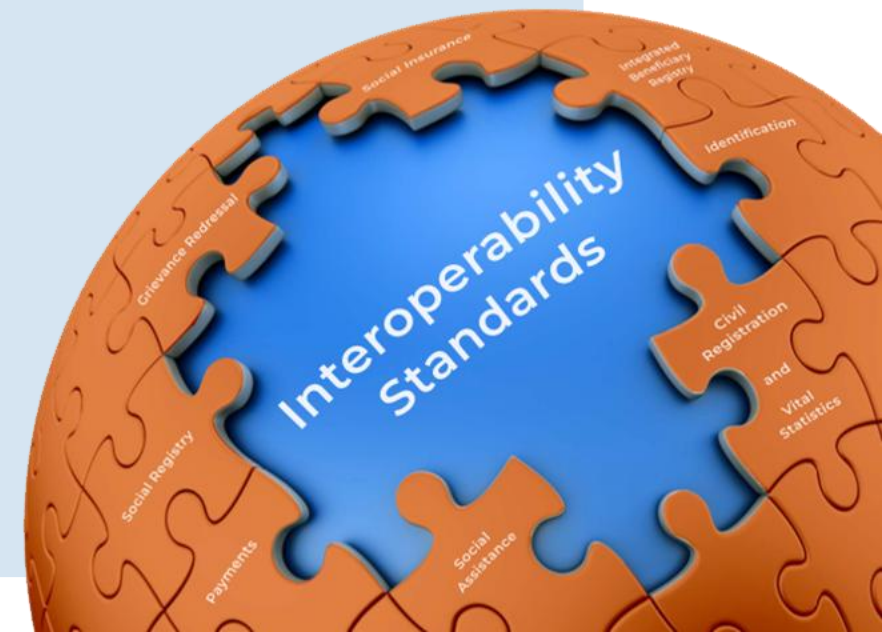


# Interoperability Standards

These standards establish **common rules** for how systems communicate, using **common processes, data, and APIs**.

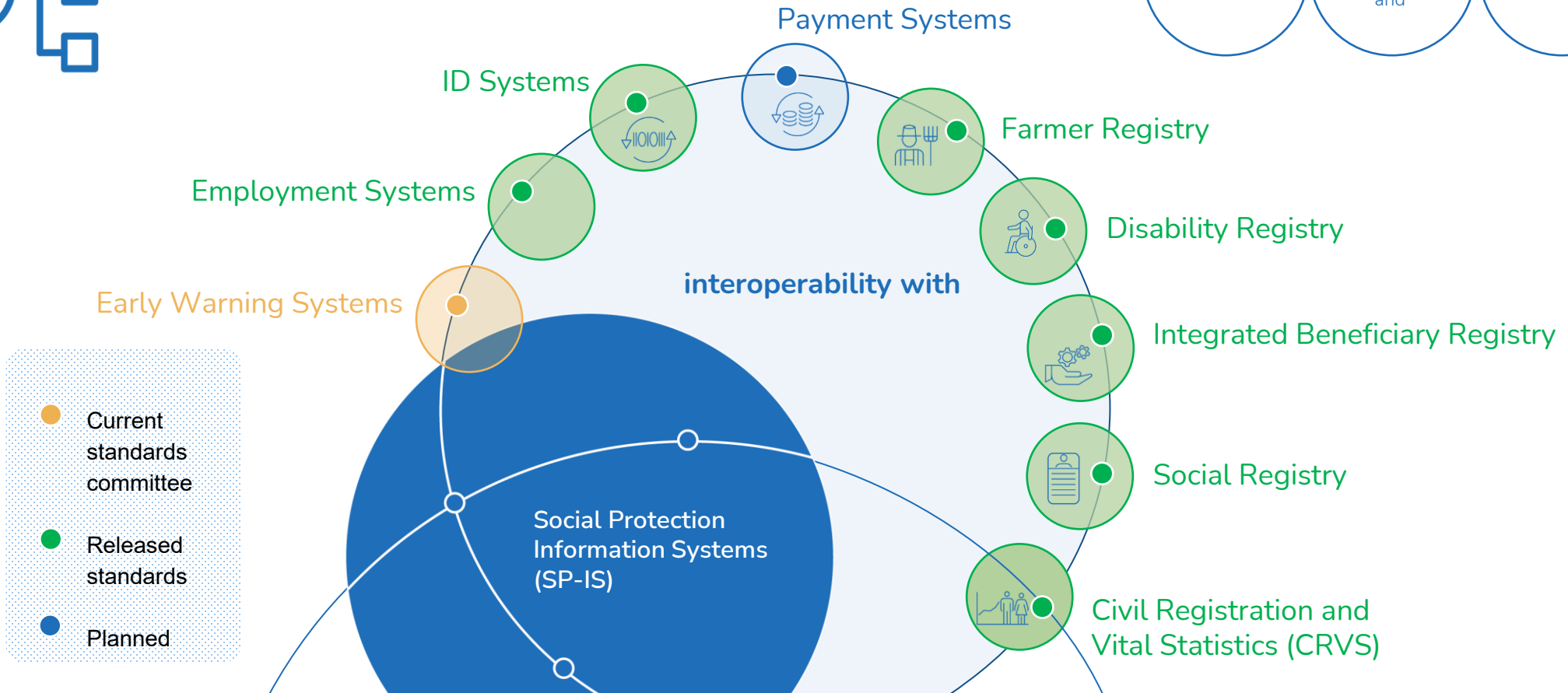
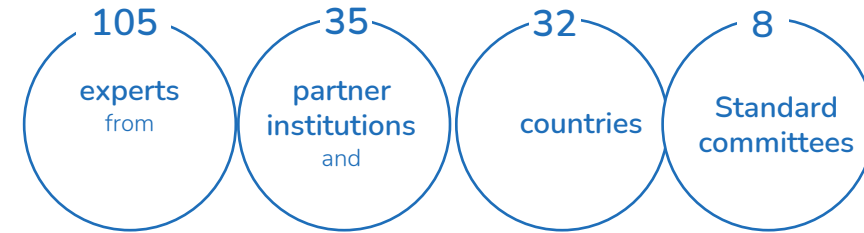


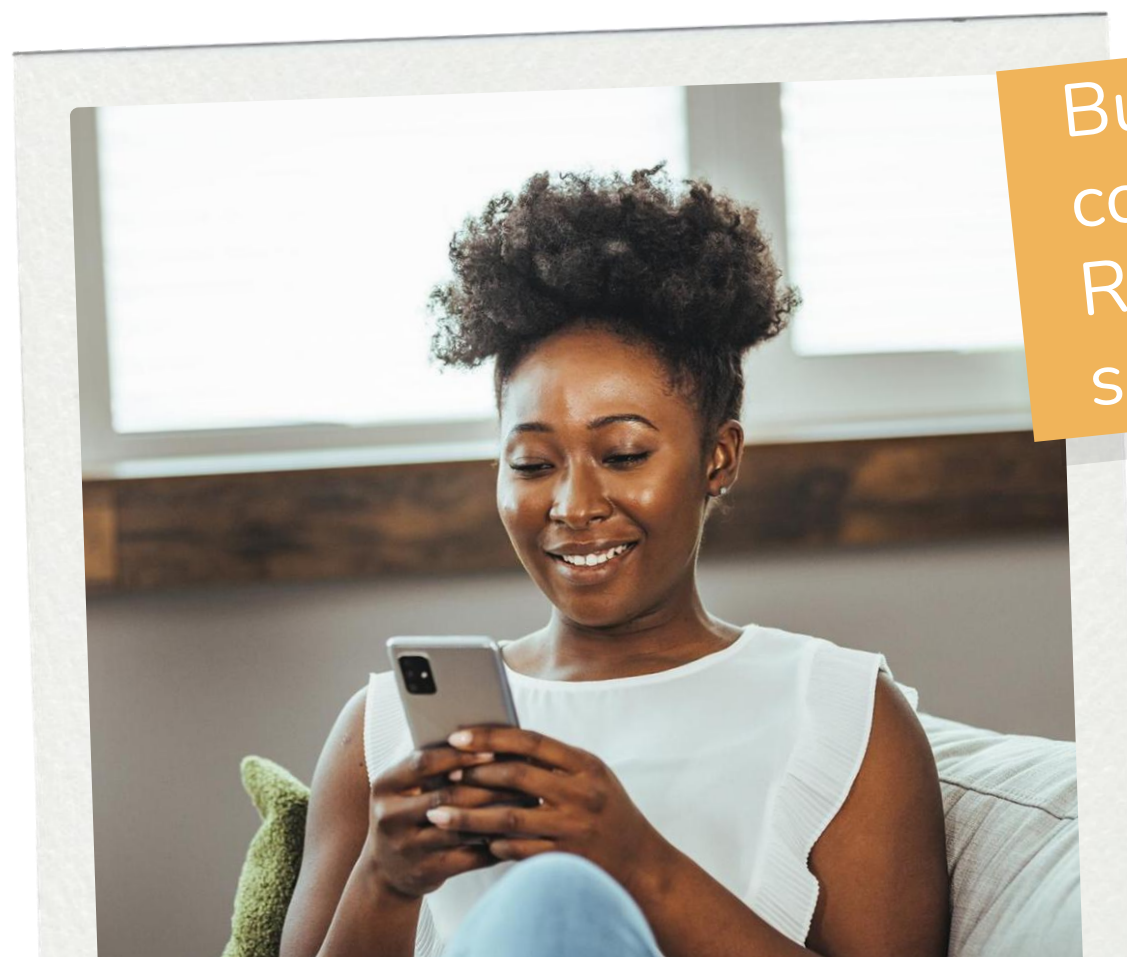
**Seven standards interfaces** have already been released and are ready to use – free of charge.





# Standards Interfaces





Built to  
connect.  
Ready to  
share.

DCI interoperability standards are ready-to-use. Hands-on support is also provided for adoption and implementation.



## The benefits of adopting interoperable standards

The adoption of interoperability standards can help to accelerate the digital transformation of social services delivery. Benefits include:

- **Vendor Neutrality:** Allows countries to “mix and match” modular software from different providers.
- **Efficiency:** Reduces the time and expense of building custom interfaces for every new system.
- **Scalability:** Systems designed with DCI standards are “future-ready” and can easily integrate with emerging technologies.

To learn more about how interoperability standards are being applied in practice, visit [spdc.org/technical-standards](https://spdc.org/technical-standards)

EU CAMSS





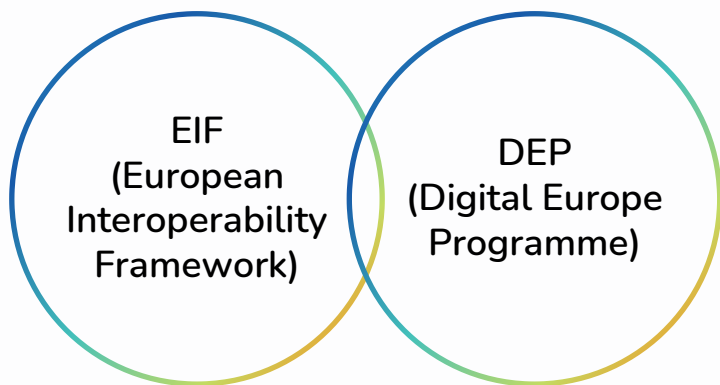
# What is CAMSS?



The Common Assessment Method for Standards and Specifications

European guide for assessing, selecting, and justifying standards and specifications in eGovernment projects.

## The context



## The needs

- ⌚ To ease cross-border services interaction without **digital barriers**.
- ⌚ To assess specifications in the context of **public procurement**.
- ⌚ To avoid **vendor lock-in** when choosing solutions in e-government services.

## The solutions

**ASSESSMENT TOOLS**

**CORE VOCABULARIES**

**PRINCIPLES &  
STANDARDS LIBRARIES**



# CAMSS Assessment EIF Scenario

**CAMSS**  
ASSESSMENT  
EIF  
SCENARIO

The CAMSS Assessment EIF Scenario is an online survey-based approach to assess the compliance of specifications with the European Interoperability Framework (EIF)

- Based on the (current) 12 core principles of the EIF.
- Uses 45 assessment criteria to evaluate the interoperability of standards and specifications.
- Provides a common, transparent approach for comparing how different standards meet interoperability needs.
- Once performed, each assessment is published in the Interoperable Europe Portal, together with supporting documentation and results.



The CAMSS Assessment EIF Scenario follows the interoperability views of the European Interoperability Framework (legal, organisational, semantic and technical).

The legal interoperability view is based on EU legislation. In case on a non-EU context, the legal view may be omitted from the assessment.

## User-Centricity

- **A19 - To what extent does the specification allow relevant information to be reused when needed?**  
EIF Recommendation 13: As far as possible under the legislation in force, ask users of European public services once-only and relevant-only information.

The Once-Only Principle is related to making the operations or transactions between administrations and stakeholders more efficient. It implies avoiding the provision of certain data or information twice or more when this information is already available for public administrations.

First European Data Space, Once Only Technical System (OOTS):

<https://ec.europa.eu/digital-building-blocks/wikis/display/DIGITAL/Once+Only+Technical+System>

Additional and relevant information can be found here: <https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Once+Only+Principle>

- Not Answered
- Not Applicable
- Information needs to be provided whenever this is needed.
- There is limited reuse of provided information.
- Provided information is reused, but this is not consistently done.
- Provided information is reused, but not in all scenarios.
- Information is provided once-only and reused as needed.

### Justification

The application of the once-only principle in all EU Member States public administrations aims at reducing the administrative burden. To achieve this, interoperability between public administrations is a sine qua non condition.

XML addresses and facilitates interoperability between public administrations, cross border services and impacts positively the development of eGovernment. This is due to the fact that it has been designed to store, transport data, and to exchange data through interoperable systems. Moreover, XML defines a set of rules for encoding documents in a human-readable format and machine-readable format enhancing the reusability of data and stimulating the interoperability of systems and services.

XML Reference:

<https://www.w3.org/TR/2006/REC-xml11-20060816/>

[Check the online survey](#) to start the assessment of your specification!



# CAMSS Assessments Library

Outcome of the assessment:  
alignment of the specification  
with the EIF Core principles

Any approved assessment is  
published by the CAMSS Team and  
publicly available within the [CAMSS  
Assessment Library](#)

The screenshot shows the CAMSS Assessments Library website. At the top, there is a header with the CAMSS logo, the title 'Common Assessment Method for Standards and Specifications (CAMSS)', and a 'Join this collection' button. Below the header, there are navigation links: 'Welcome', 'CAMSS Solutions', 'Learning resources', 'Know more!', 'Members', and 'Glossary'. The main content area is titled 'CAMSS Assessments Library' and includes a 'Bookmark' button, a 'Like (0)' button, and a 'Translate' button. A descriptive paragraph states: 'The CAMSS Assessments Library is a catalogue of the assessments produced through the use of the CAMSS Assessment scenarios (EIF, MSP and TS). Each assessment constitutes a CAMSS solution and is fully reusable.' Below this, a table lists various assessments.

Technical specification	Author	CAMSS Tools / CAMSS Assessment Scenario	Version	Assessment Score	Assessment strength
AAS	CAMSS Team	CAMSS Assessment - EIF Scenario	v6.0.0	80%	100%
AES	CAMSS Team	CAMSS Assessment - EIF Scenario	v6.0.0	90%	100%
ADMS	CAMSS Team	CAMSS Tools - EIF Scenario	v3.1.0	80%	90%
		CAMSS Assessment - EIF Scenario	v6.0.0	83%	84%
AKN4EU	CAMSS Team	CAMSS Assessment - EIF Scenario	v6.0.0	79%	89%
AMQP	CAMSS Team	CAMSS Assessment - EIF Scenario	v6.0.0	90%	86%
ASIC Baseline Profile	CAMSS Team	CAMSS Tools - EIF Scenario	v3.0.0	97%	86%
Basic Formal Ontology (BFO)	CAMSS Team	CAMSS Assessment - EIF Scenario	v6.0.0	73%	100%

- It includes all specification assessments performed using CAMSS Scenarios based on EIF and other interoperability frameworks.
- It is also populated by the CAMSS Team with assessments resulting from the identification of key specifications benefiting from certified interoperability compliance.
- It regularly reviewed to ensure the most up-to-date assessment of specifications.



# CAMSS – Collaboration with DCI

	Specification	About	Status
December 2025	Civil Registration and Vital Statistics (CRVS)	Provides a comprehensive, accurate, and up-to-date record of vital events	Completed and <a href="#">published</a> – EIF compliant
May 2026	Integrated beneficiary registries (IBRs)	Consolidate data on the benefits received by individuals or households across several programmes	Ongoing
	Disability Registry	Provides useful information about individual holders of disability status for better accessibility to services	Ongoing
	Social Registry	Information systems that collect socio-demographic information on the population	Ongoing
June 2026	Farmers Registry	Coordinates services, improves registration processes, and strengthens social protection in the agricultural sector	Planned



# How to contact CAMSS?



**interoperable**  
europe

Policy Solutions Support Centre Governance Academy Sign in Get started

**Common Assessment Method for Standards and Specifications (CAMSS)**

Join this collection



Join our CAMSS Community on the Portal

Check all CAMSS Solutions

Learn about CAMSS  
Including an online training

Explore the Core Vocabularies

Give us your feedback!  
CAV  
CSSV

[DIGIT-CAMSS@ec.europa.eu](mailto:DIGIT-CAMSS@ec.europa.eu)

# DPGs Demonstrations





# Use Case 1: OpenCRVS-MOSIP-OpenG2P

## Birth Registration with Conditional Social Support





# Use Case 2: OpenCRVS - MOSIP - OpenG2P

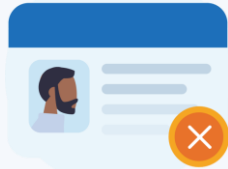
## Death Registration with Benefit Amount Update

1 Declare death of spouse



Wife registers the death of her spouse at a Registration Office

2 Spouse's National ID is flagged as deceased



The National ID is updated and flagged as "Deceased" in MOSIP

3 Verify status from OpenCRVS



The Social Registry System searches and syncs with OpenCRVS to verify status

4 SP system updates benefit based on new household status



Benefits are re-calculated based on the updated household situation

5 Family informed of update



The family receives confirmation of the updated benefit or program enrollment

### WHAT THIS MEANS FOR THE FAMILY:

Simple and respectful process to register the death

Identity is securely updated across systems

Systems work together to confirm status accurately

Benefits reflect the real needs of the family

Continued support and financial security for the family

1 Death is registered



Registrar reviews the declaration and registers the death

2 NID flagged as deceased



MOSIP updates husband's National ID

3 Verification



SP system verify status of husband

4 System benefits are updated

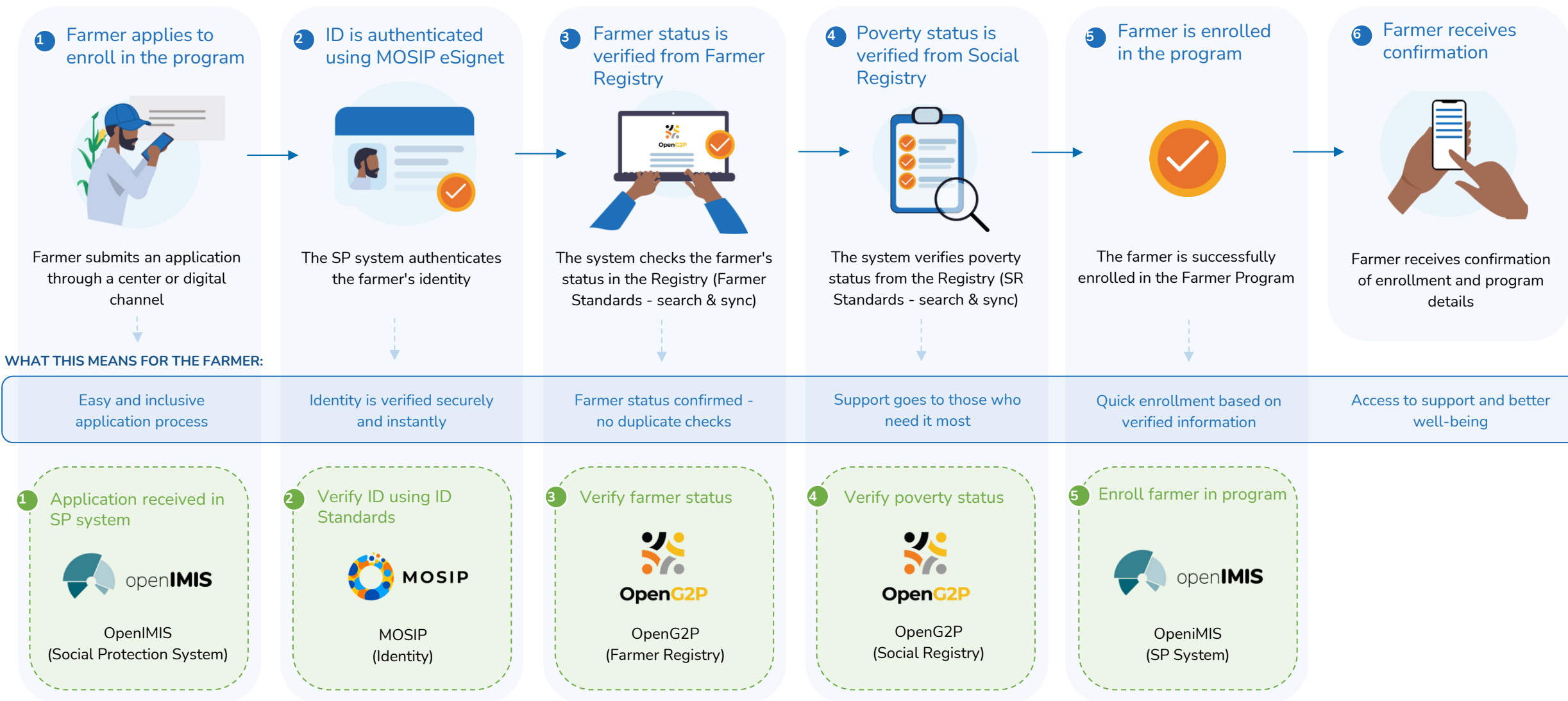


SP system update the benefit based on dependent count



# Use Case 3: OpenIMIS - MOSIP - OpenG2P

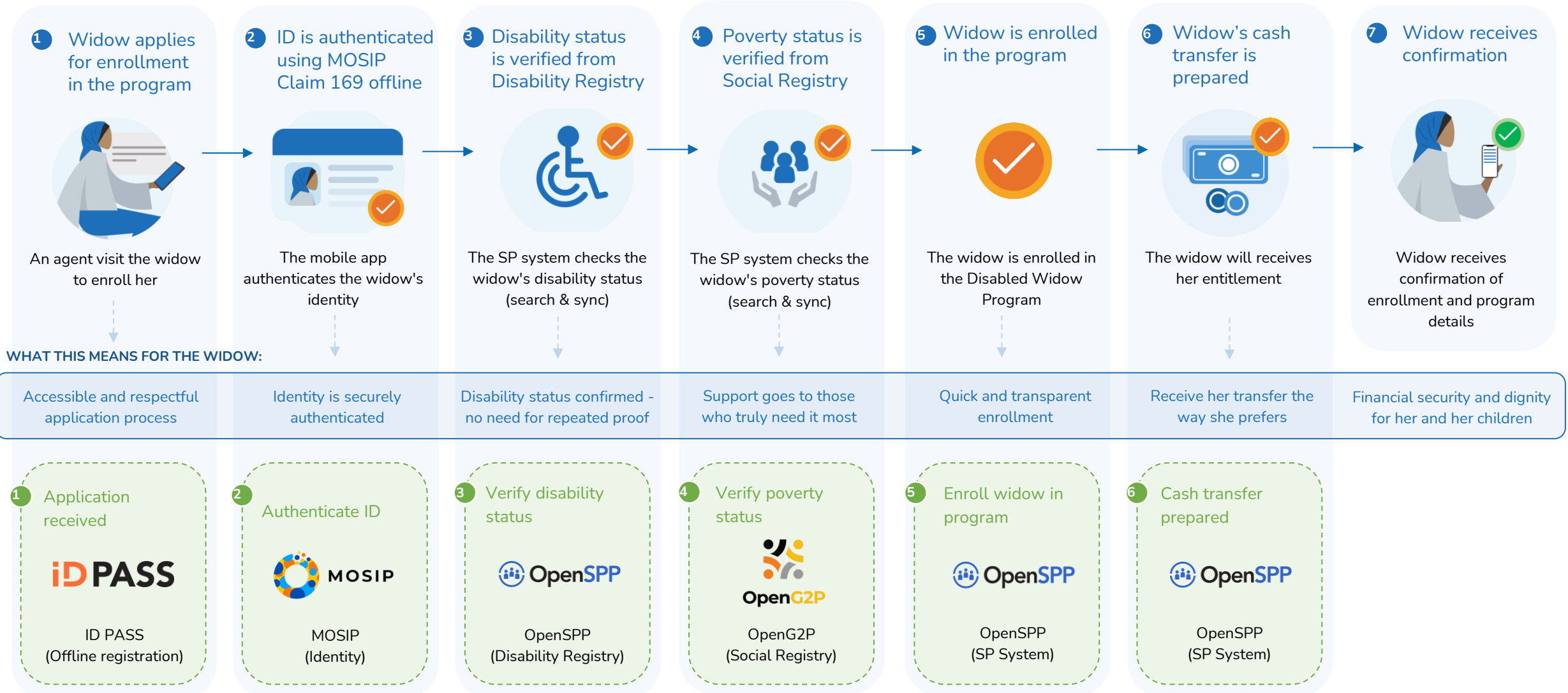
## Farmer enrollment in a conditional health program





# Use Case 4: OpenSPP - MOSIP - OpenG2P

## Enrollment in a windows' disability program



Q & A



Panel discussion



Closing remarks





## Key takeaways & next steps

- **Unified Ecosystems:** Standards-compliant DPGs (MOSIP, OpenCRVS, OpenG2P, OpenSPP, openIMIS) act as secure, plug-and-play building blocks that eliminate vendor lock-in and strengthen Digital Public Infrastructure (DPI).
- **Open Access:** Full standards documentation: **process, data schemas, and API** are completely transparent and freely available to everyone at [spdc.org/technical-standards](https://spdc.org/technical-standards).
- **Partner Network:** Leverage active technical advisory, implementation support, and capacity building from global DCI partners: World Bank, GIZ, ILO, FIAP, and Expertise France.
- **Actionable Frameworks:** Access the DCI Best Practices Guide and the Data Governance Framework on our website to successfully navigate policy and technical execution.



## Learn more and connect

The DCI is an open, transparent and virtual community which welcomes contributions from diverse stakeholders.

For more information, or to get involved:

- ü visit our [website](#)
- ü email us at [contact@spdc.org](mailto:contact@spdc.org)
- ü or check us out on [LinkedIn](#), [Gitbook](#), and [Github](#)

The DCI is coordinated by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Expertise France, Foundation for the Internationalization of Public Administrations (FIAP), the International Labour Organization (ILO), and the World Bank in strategic partnership with the International Social Security Association (ISSA).



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Thank you

