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Disability Registry (DR) and SP-Systems Interoperability Standards

Public Review

2nd December 2024

Opening and moderator

Liyuan Xiao

Digital Social Protection Specialist

ILO

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Agenda

13:00 - 13:05	Welcome and Agenda
13:05 - 13:10	Introduction & Context Setting
13:10 - 13:20	Standards Committee Overview
13:20 - 13:40	Standards Walkthrough
13:40 - 14:00	Panel Discussion
14:00 - 14:25	Open Discussions
14:25 - 14:30	Closing remarks

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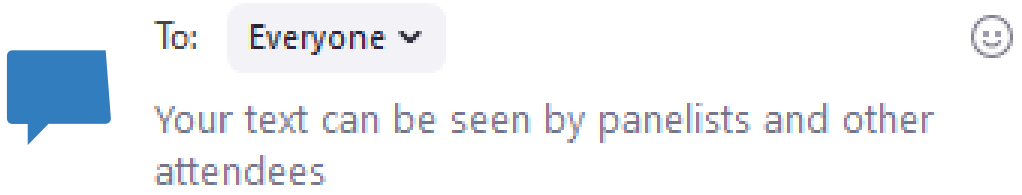
Housekeeping Rules

- Ask your questions in the Q&A box
- Share any comments or resources in the chat
- Session will be recorded



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About DCI

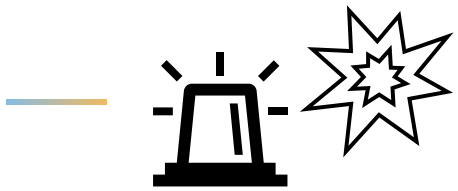
The Digital Convergence Initiative (DCI)

Joint effort by USP2030 members and non-members, governments, development partners and private sector towards

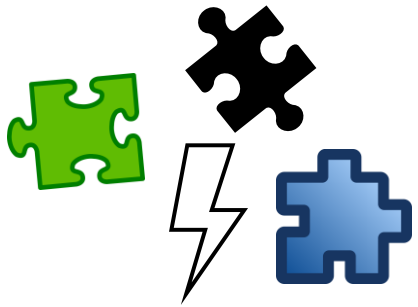
- creating a harmonized and interoperable digital ecosystem for social protection
- improving the efficiency of social protection programmes
- supporting the digital transformation of social protection systems and enhancing social protection outcomes

Challenge that DCI strives to address

Current state of the art

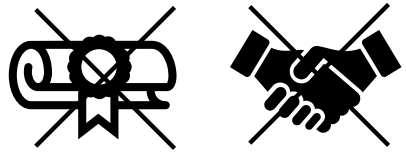


Ad-Hoc Solutions

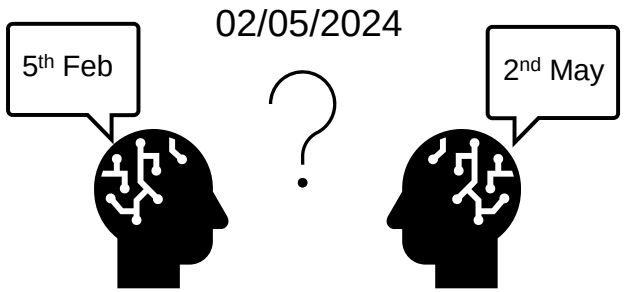


Fragmentation

Resulting systems



No Standards

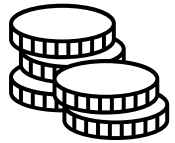


Poor interoperability

Resulting SP delivery

Inefficient

Slow delivery



Waste of public resources

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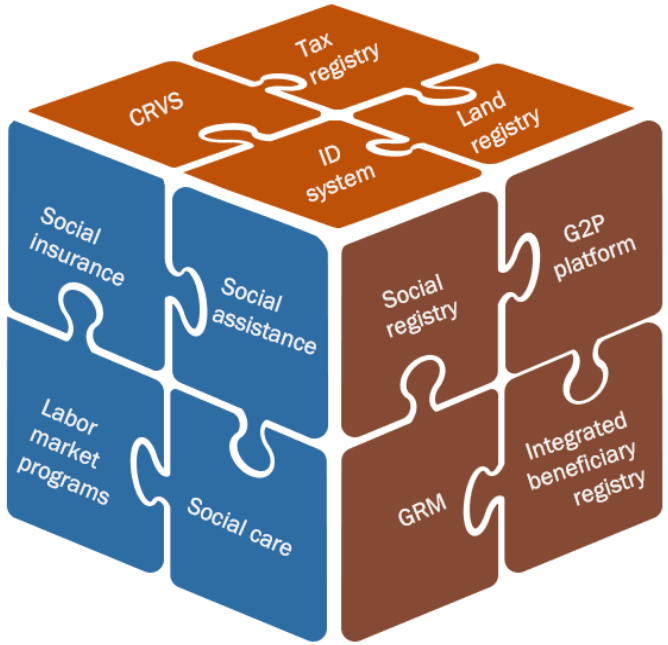
Consensus-based standards for interoperability

Benefits

- Ecosystem of innovation
- Reduced time and cost
- Mix & Match components
- Future-proof by design



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DCI Partners

Addition of implementing partners with funding support from EU in addition to BMZ

Co-funded by

European Union

german cooperation
DEUTSCHE ZUSAMMENARBEIT

Implemented by

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

International Labour Organization

THE WORLD BANK

EXPERTISE FRANCE
GROUPE AFD

FIIAPP
COOPERACIÓN ESPAÑOLA

Expanding Community with Other Stakeholders

- DPGs
- International Organizations
- Country Representatives
- Similar other initiatives
- Private sector
- External Experts

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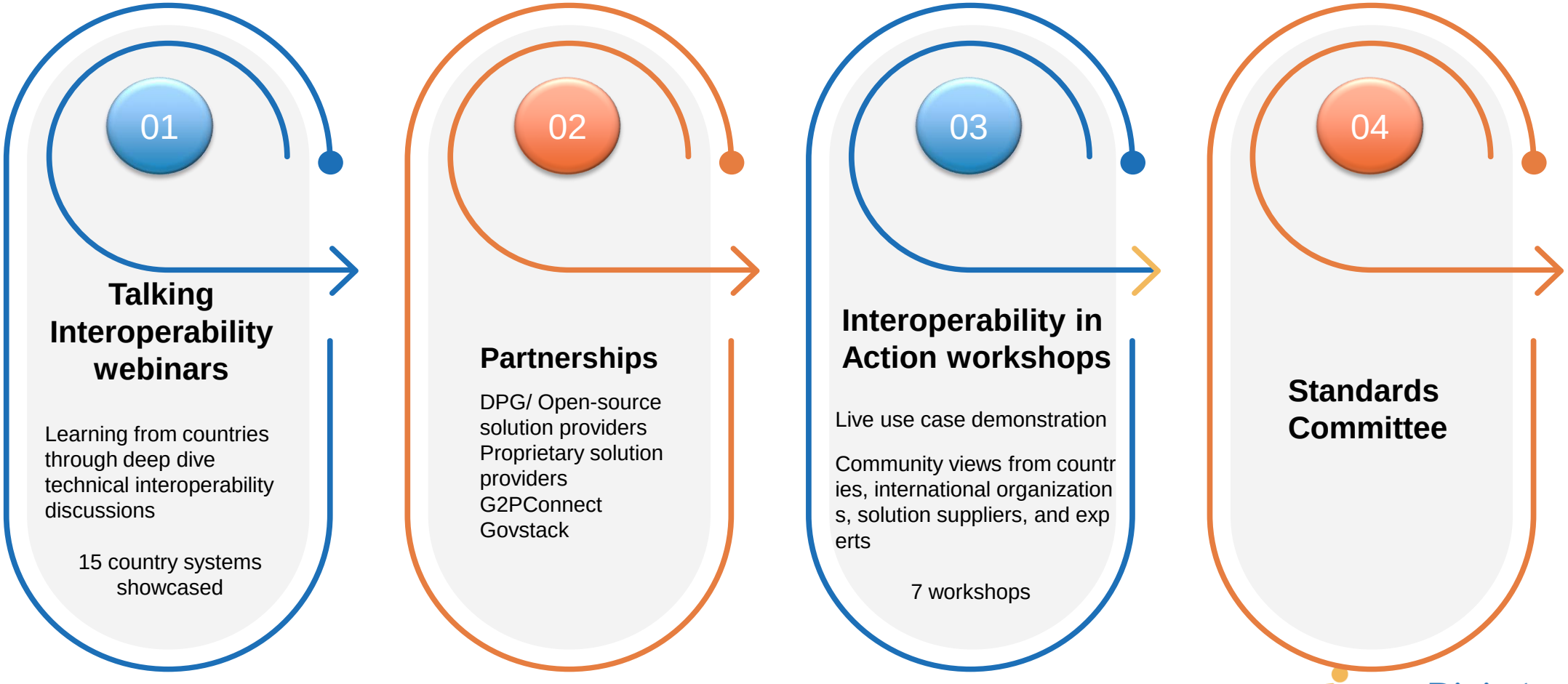
DCI Approach



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Standards Committee Overview

Alexandre Cote

Co-chair (Standards Committee)

UNICEF

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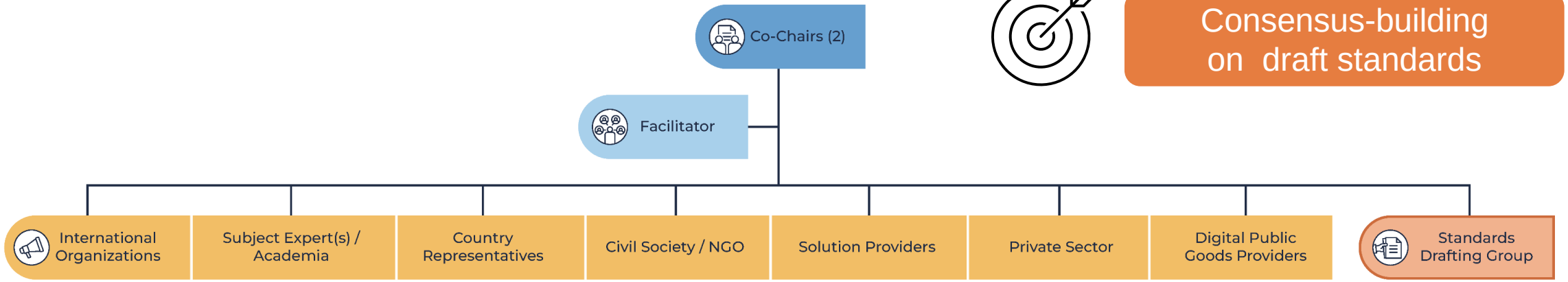
Standards Committee

Standards Committee

Group of experts

Consensus-building on draft standards



Role

Co-Chairs

- Preside over the standards committee meetings and lead the review process to of the draft standard
- Submit final draft to the DCI steering group

Facilitator

- Coordinate and facilitate meetings
- Manage documentation of feedback and action items from meetings

Standards Committee Members

- Review submitted standards and provide feedback
- Invite experts as coopted members / guests to the committee meetings.
- Work with Standards drafting group

Standards Drafting Group

- Prepare draft standards for review and endorsement
- Participate in meetings and incorporate feedback

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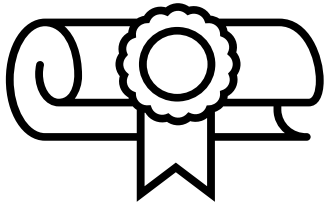
3rd Committee : Disability Registry and SP-MIS Interoperability Standards (Kicked off: Sept. 2024)

16 Organizations, 18 members

DCI Standards



3 Main Parts	Description
Process (Workflows)	Use cases showcasing interoperability between Disability Registry and SP-MIS to efficiently exchange information and collaborate effectively.
Data Standards	Data Objects, attributes, and Code directories
API Standards	A comprehensive guide that outlines the methods and protocols that the systems can use to communicate

Standard Documentation on

Broader audience

GitBook

https://standards.spdci.org

More technical

GitHub

https://github.com/spdci

* DCI Interoperability framework : Based on EU Interoperability framework

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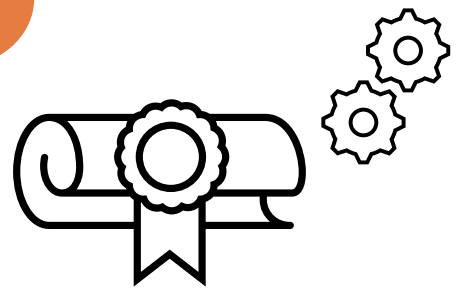
Interoperability Standards Process – 3 Main Steps

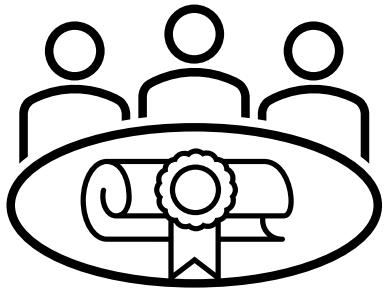
1



Create a first draft of standards
(Data collection & Analysis, validation workshop, standards drafting)

Standards Drafting Group

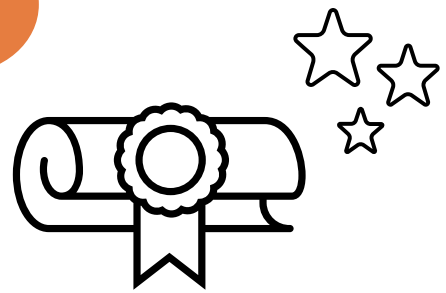
2



Review & revise the draft version
(Consensus Building)

Standards Committee, Public review, DCI Steering Committee

3



Further review & approval
(Endorsement)

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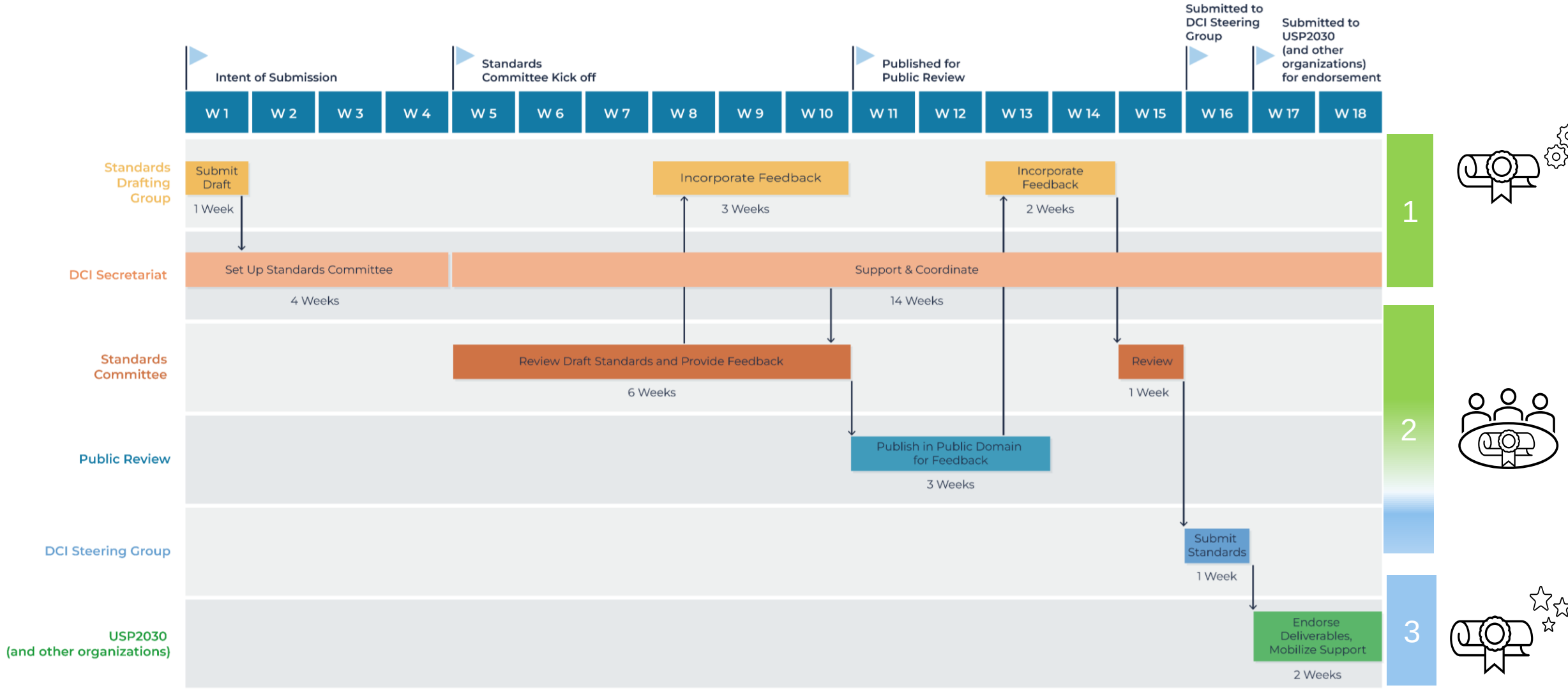
Timelines – work done so far



Standards Walkthrough

Standards walkthrough

Wanza Mwathani
Technical Advisor, Digital Convergence Initiative (DCI) – GIZ

Process Standards

Alexandre Cote
Alexandre Cote
Social Policy Specialist – Disability & Social Protection – UNICEF
Co-chair - Standards Committee

Data Standards

Aisha El Merhebi
Technical Advisor, Digital Convergence Initiative (DCI) – GIZ

API Standards

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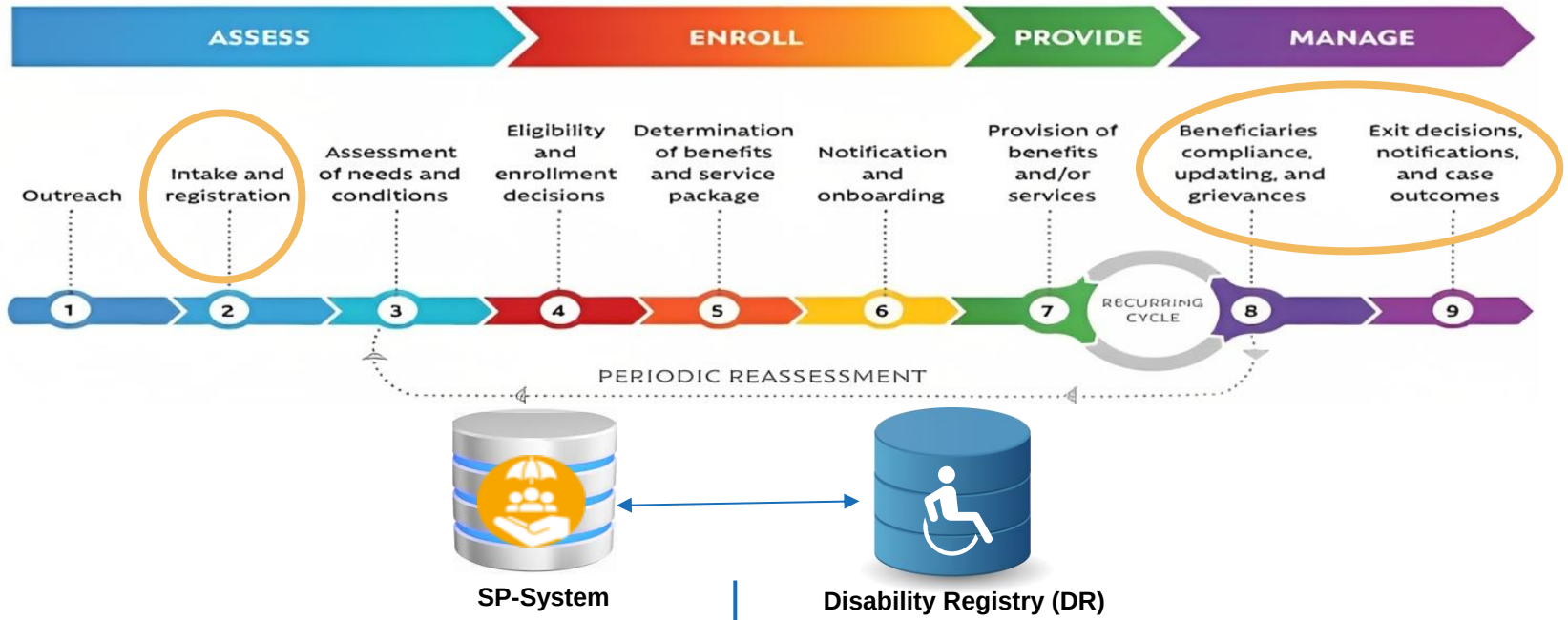
Process Standards

Interoperability process standards - DR interaction with SP-System



INTEROPERABILITY USE CASES

ASSESS

PRS.DR.01
SP-System queries the DR to request potential beneficiaries

ENROLL

PRS.DR.02
SP-System queries the DR to confirm disability status

MANAGE

PRS.DR.03
SP-system queries the DR to request information needed for analysis

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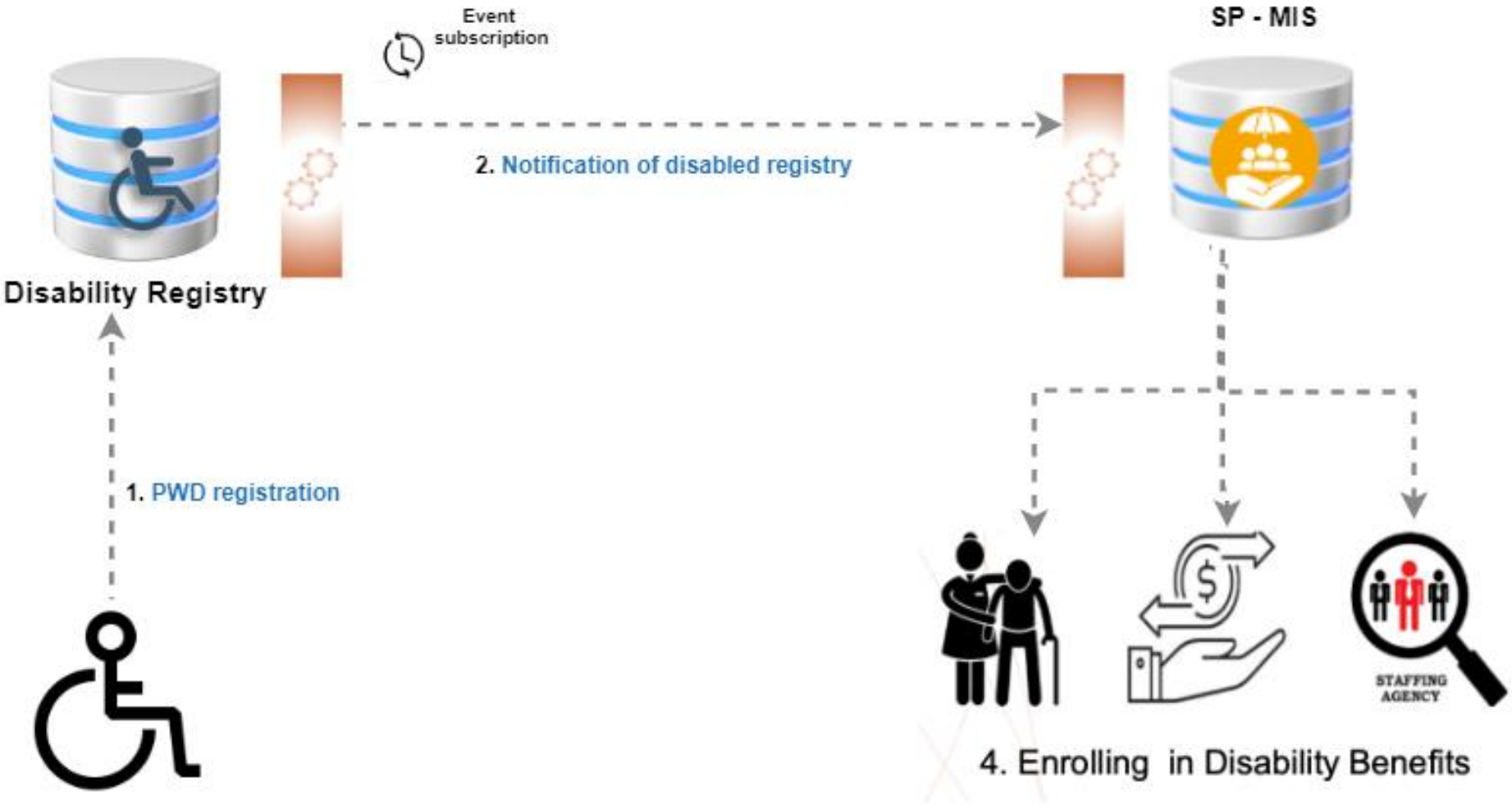
PRS.DR.01: 1 Registration in a benefits scheme for persons with disability



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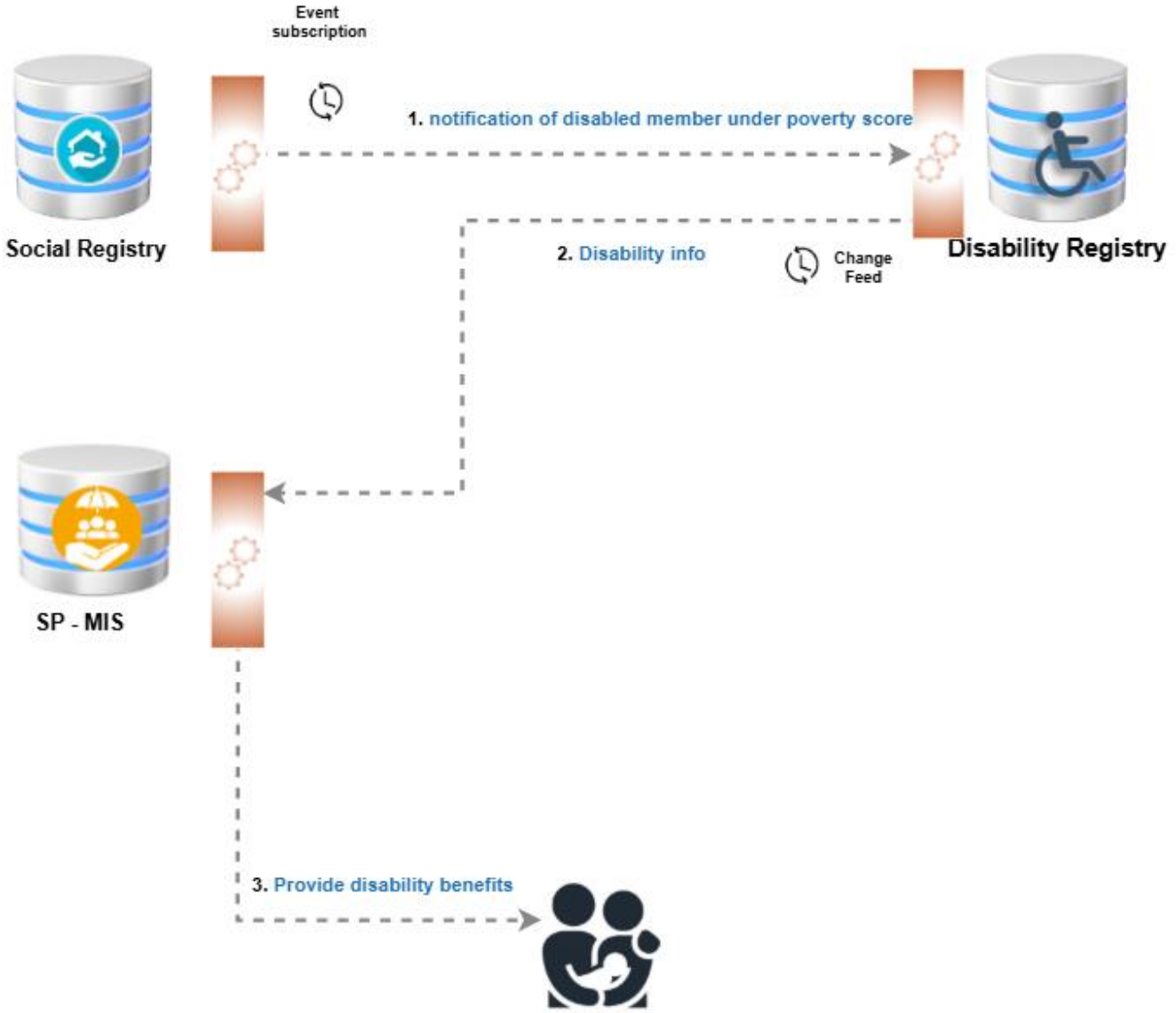
PRS.DR.02: Registration/intake in a benefits scheme for households/families member(s) with disability



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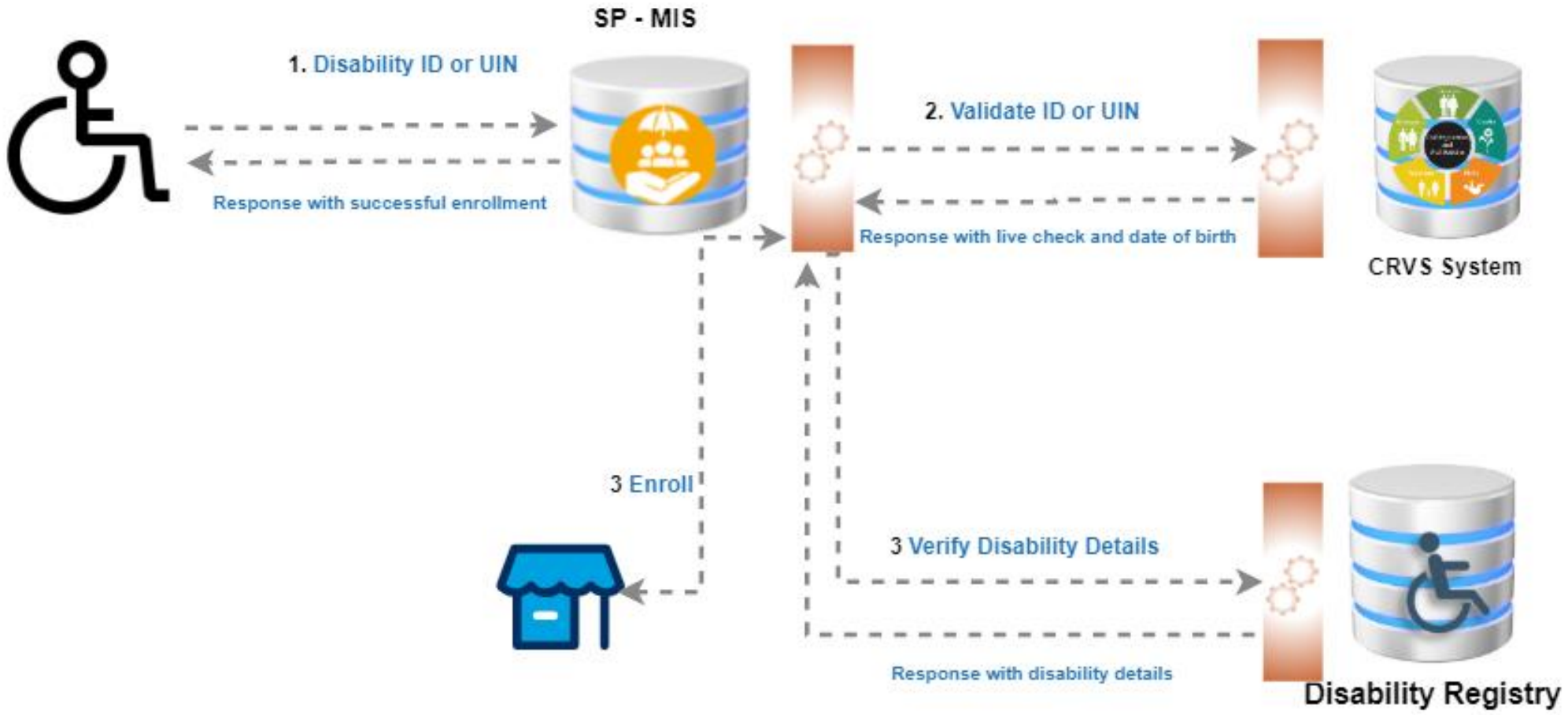
PRS.DR.02:2 Eligibility check for enrollment for personal assistance scheme



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Data Standards

Interoperability – Data Standards

DO.DR.01 PWDPerson

The **Person With Disability (PWDPerson)** data object is designed to provide essential information about persons with disabilities, which may be requested by social protection systems from disability systems.

- **Personal Details:** Basic identifying information of the person, such as name, age, gender, and contact information.
- **Disability Support requirement:** Information about the support required by the individual to overcome their functional difficulties and barriers they face for daily living and participation in society.
- **Specific Disability Information:** Details regarding the disability status of the persons as well as as type and level of impairment/functional limitations depending on the information that is recorded in the disability registry

API Standards

Interoperability – APIs Examples

Disabled Registry Sample API

- Process Flow 1 : SP-System queries the DR to request individuals with a specific disability criteria
- Process Flow 2 : SP-System queries the DR to confirm disability status
- Process Flow 3 : Eligibility check in a Grants for Old Age Scheme enrollment
- Process Flow 4 : Register for persons with disability notifications with status approved

How to give feedback

Your input matters

- **Contribute your expertise** by reviewing the standards and provide feedback through **discussion forums**
- **Spread awareness** about the public review of standards in your network
- **Support and Adopt the standards** in your Social Protection projects and share **feedback**
- All Feedback to be incorporated by **December 20th**
- For further assistance or inquiries, reach out to contact@spdci.org

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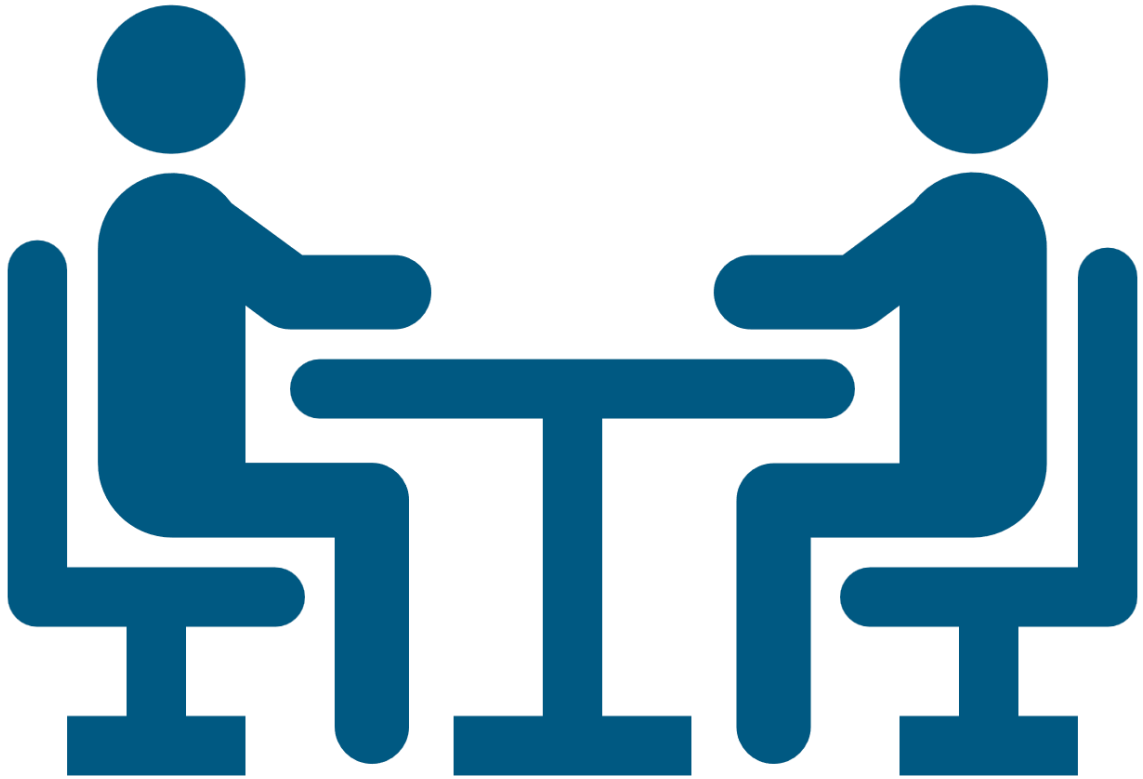
Panel Discussion



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Panel Discussants

Alexandre Cote
Social Policy Specialist – Disability & Social Protection – UNICEF
Co-chair - Standards Committee
Discussant

Venky Ganapathy
Principal Architect
OpenG2P

Discussant

Dr. Anahit Parzyan
CEO NORK – Armenia
Co-chair - Standards Committee
Moderator

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Open Discussion

Connect with Convergence Initiative

www.spdci.org

socialprotection-convergence.discourse.group

social-protection-convergence-initiative

@sp_convergence

@sp_dci

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Thank you