

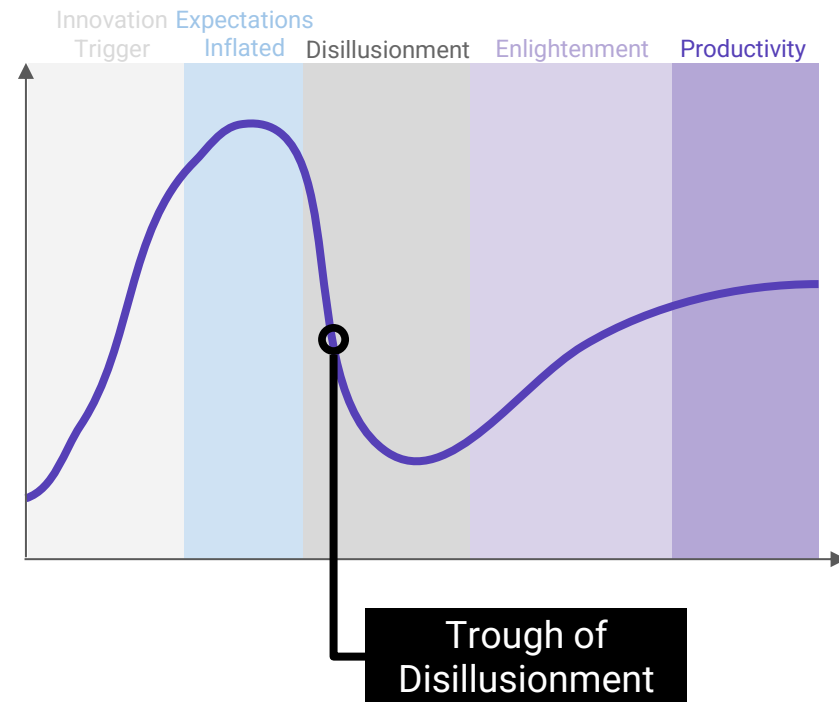
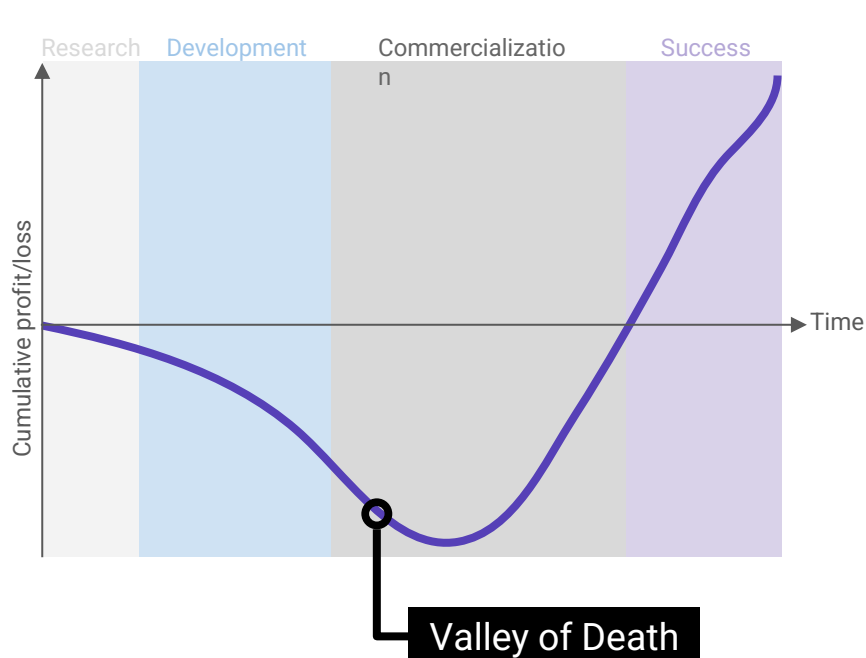


Despliegues tecnológicos para espacios de datos

Eclipse Dataspace Working Group

Javier Valiño - Dataspace Program Manager - Eclipse Foundation

What is the current status?



The Dataspace road so far



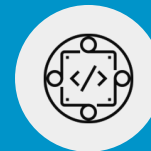
- Data Sharing technologies
- Data lakes, platforms and sharing hubs



- Data strategy
- Data Governance Act
- Data Act
- Cyber Resilience Act



- Identification of relevant use cases
- Definition of base requirements
- Reference Architectures



- Sectorial Data Spaces

The questions ahead of us

How can we collaborate to make sure we draft relevant **standards** taking all the views/needs of the ecosystem?

1

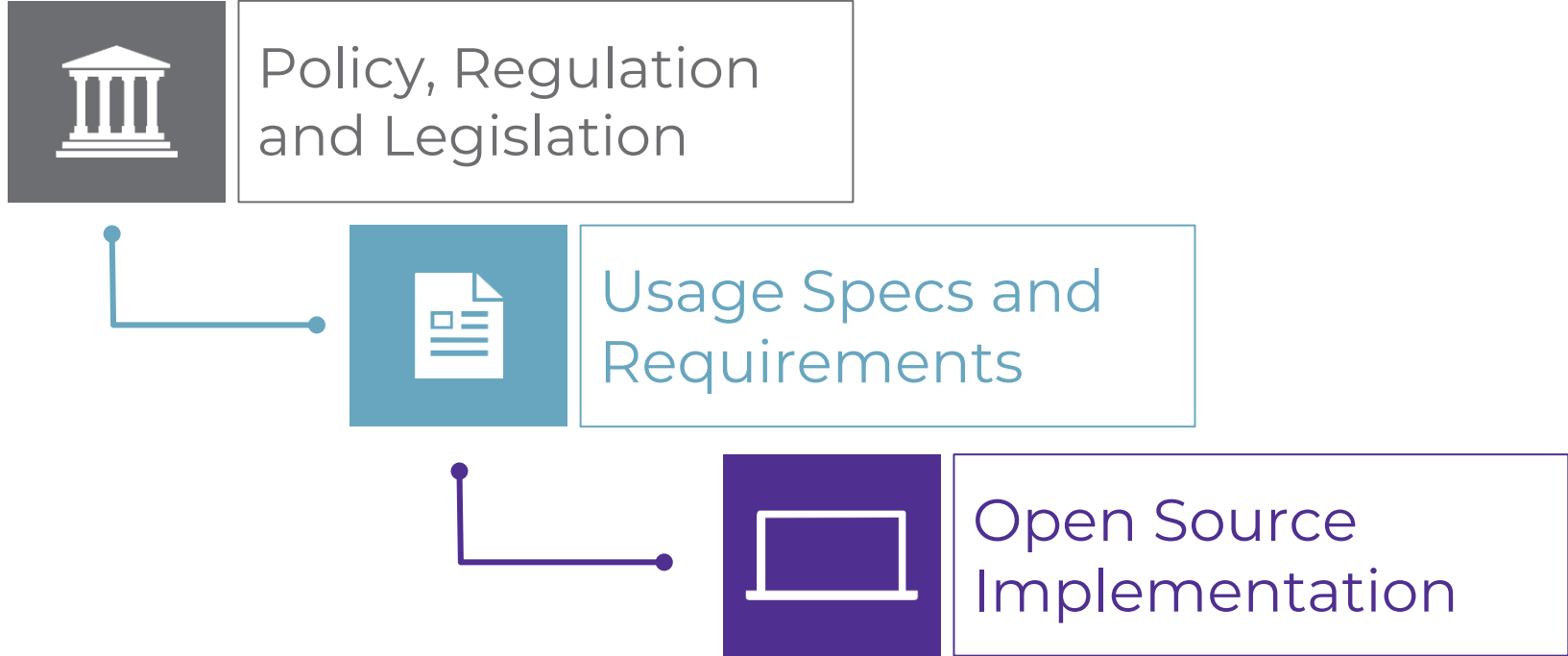
How can we guarantee **interoperability** among the different dataspace?

2

3

How can we make sure, if we standardize, that those specifications will be **adopted**?

The Big Picture



Eclipse Dataspace Working Group

Mission: to create scalable, industry-ready open-source components and specifications for dataspaces through open collaboration and standards.

Primary objective: to encourage, develop, and promote open source solutions that enable organisations of all sizes to participate in dataspaces, fostering global adoption of dataspace technologies and trusted data sharing ecosystems.

Initial Focus: standards development, onboarding and implementing open source projects and providing guidance, and guiding them to support a broad ecosystem of interoperable dataspaces.

Strategic Members

amaDEUS



iSHARE



INTERNATIONAL DATA
SPACES ASSOCIATION







T Systems




How can we structure this for Dataspaces?

Data Act Chapter VIII

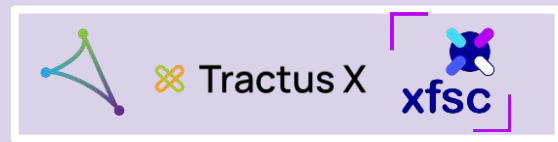
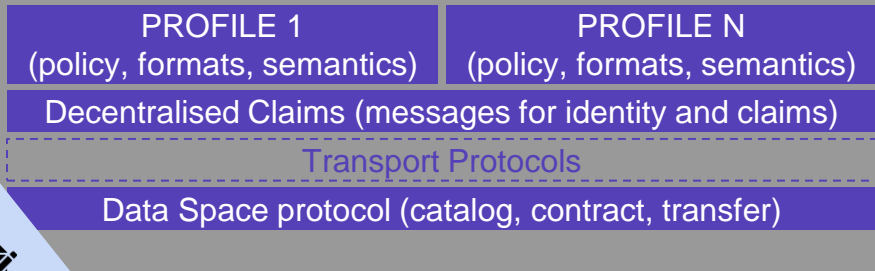
Interoperability - Article 33

-  Automatic access & transmission
-  Open formats & vocabularies
-  Find, access & use
-  Smart contracts

Interoperability - Article 36

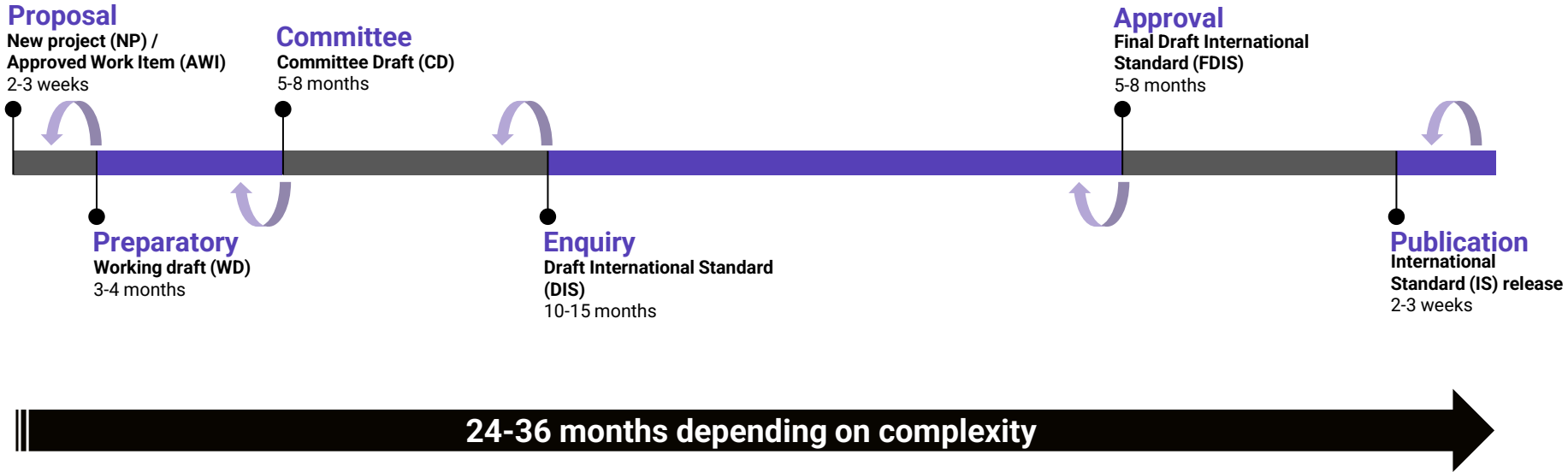
-  Consistency
-  Safe termination/interruption
-  Robustness & access control

Open Source Specification: Standardization

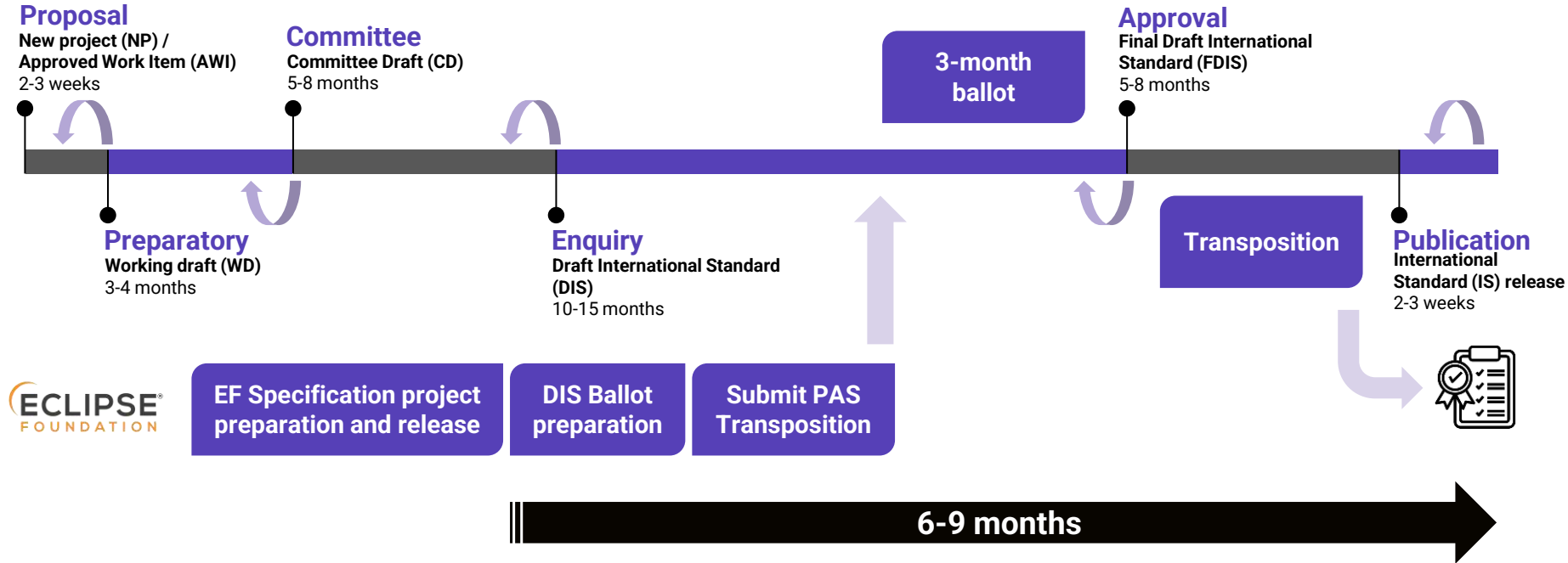


Open Source Implementation: Adoption

ISO/IEC Technical Standard timeline

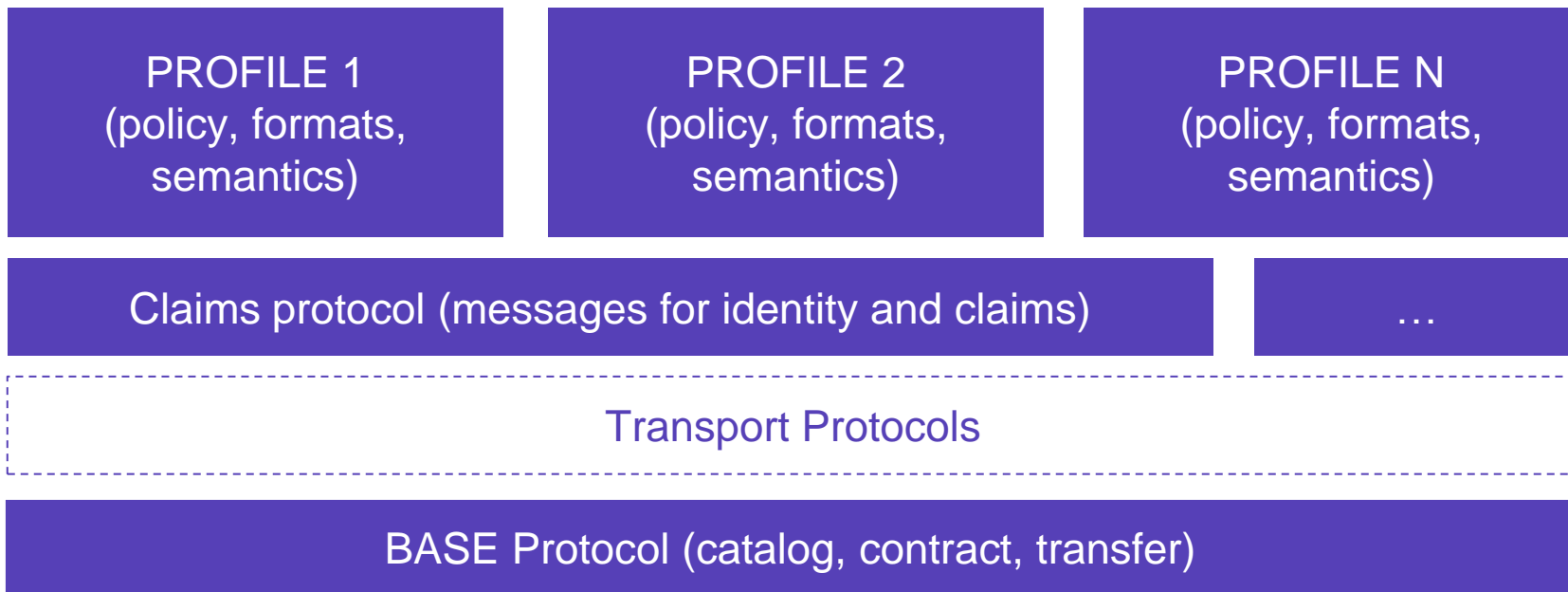


ISO/IEC Technical Standard PAS Submission

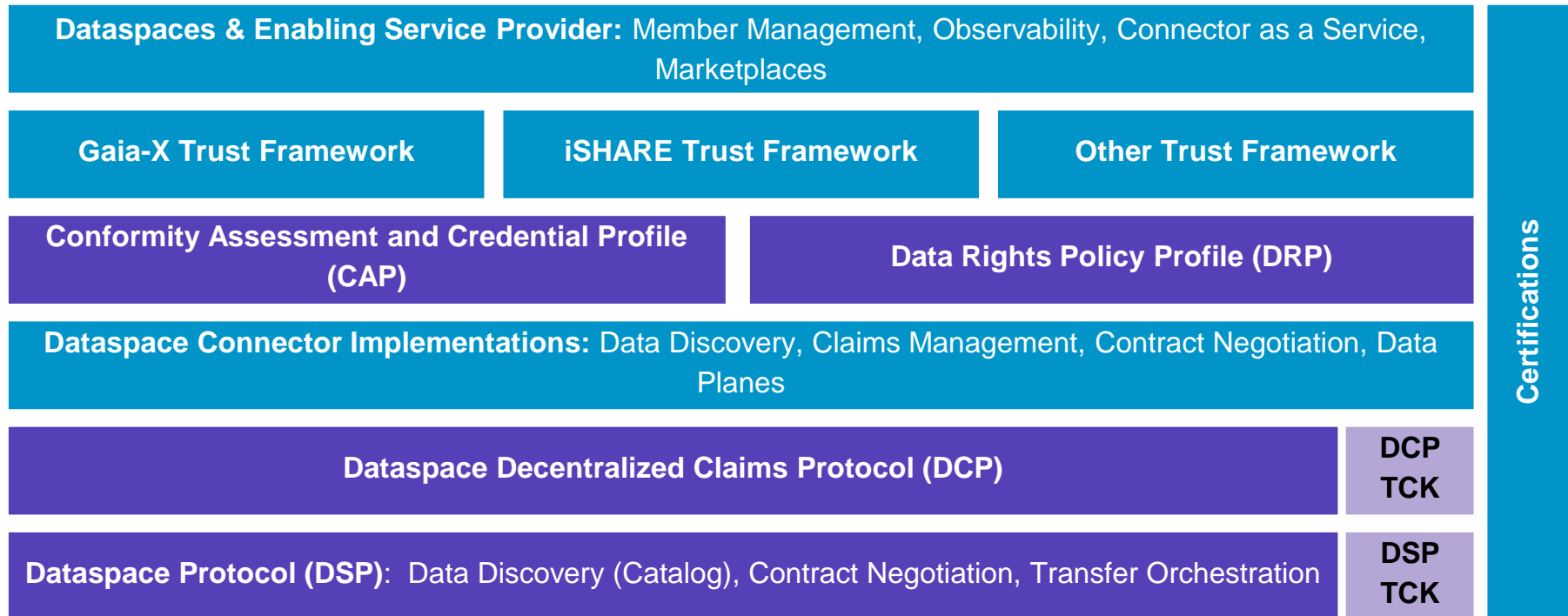


Protocols and Standards

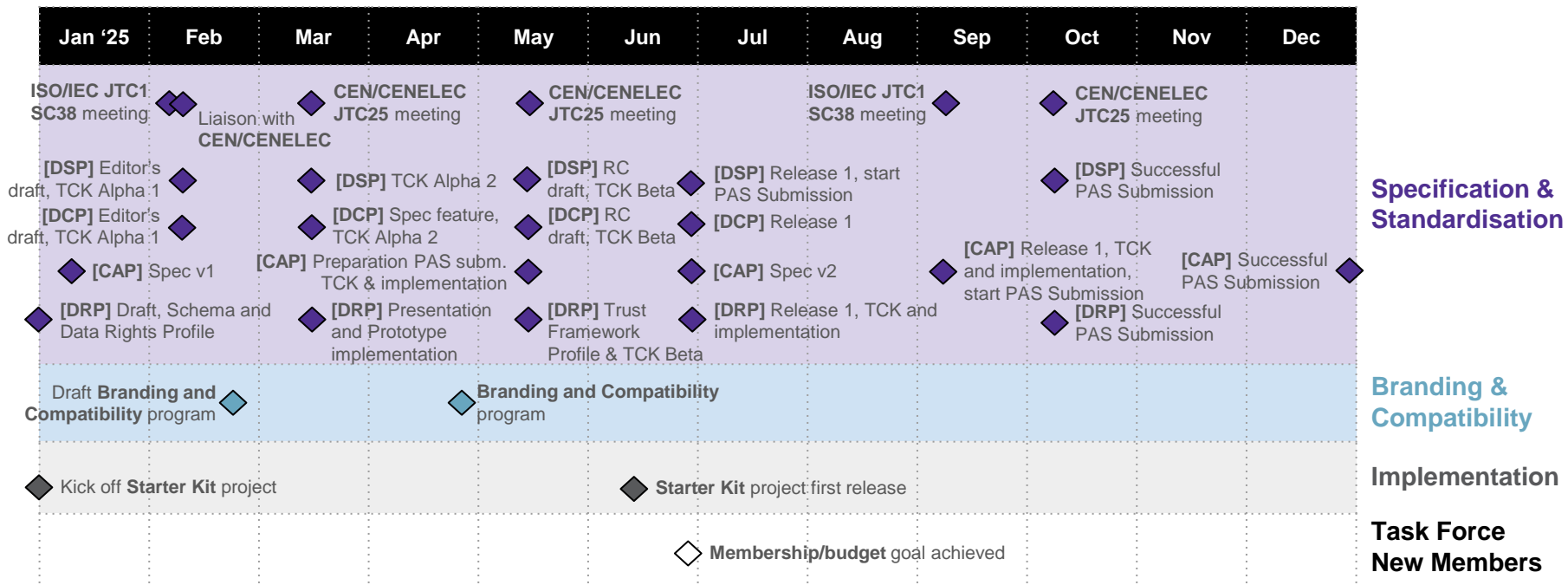
- > Minimum **interoperability protocol stack** for dataspace



How do these protocols fit into the full stack?



Milestone Planning EDWG 2025



Summary

Be at the forefront of the
Dataspaces **standardization**

Help us build the **strategy** for the
Dataspaces ecosystem

Join the **adopter community** of
Dataspaces OSS solutions

Resources:

- [Charter](#)
- [Working Group Participation Agreement](#)
- [Working Group Process](#)
- [Working Group Operations](#)
- [Working Group Mailing List](#)
(open to public)
- [Working Group Web page](#)

Contact us!

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Thank you!