



Are you ready for eIDAS? eID under eIDAS compliance

Alice Vasilescu, EC DIGIT
eID under eIDAS Webinar

Agenda

1

eIDAS Compliance

2

Service offering and funding

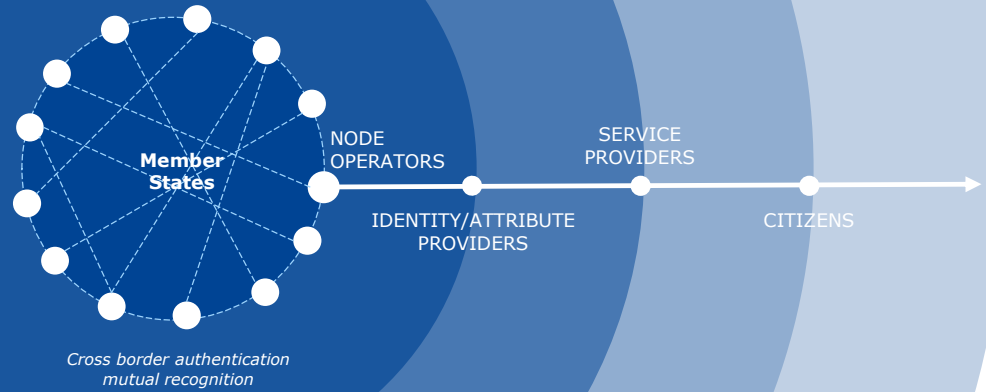
3

Governance

eIDAS Compliance

for node operators, service providers and identity providers

The eID ecosystem



The eID ecosystem



Node Operator

Entity responsible for ensuring that the eID node performs correctly and reliably its functions as a connection point.



Attribute Provider

Entity responsible for providing information about electronic identities (e.g. sector-specific information beyond the minimum dataset for natural and legal persons)



Identity Provider

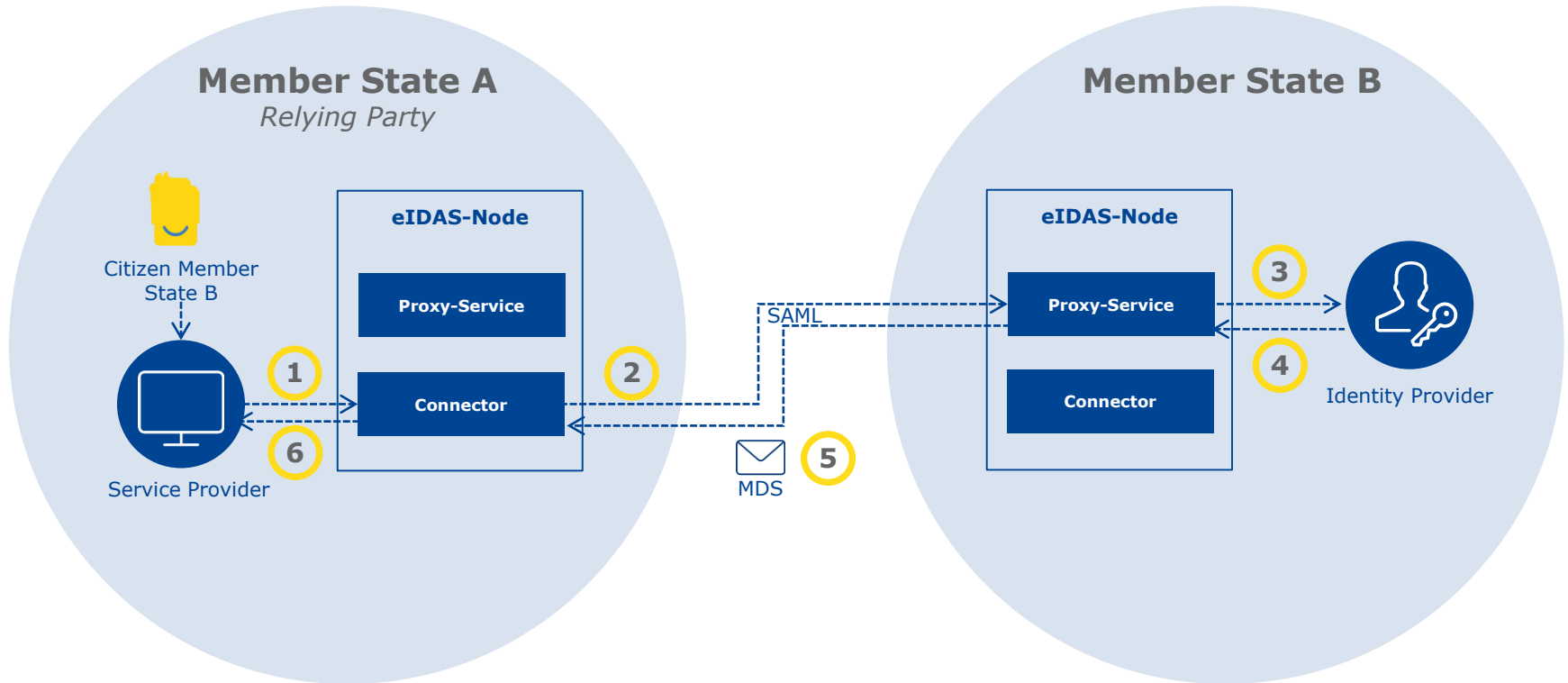
Entity responsible for verifying that a user is who they claim to be and assert verified data that identifies them to the relying party



Service Provider

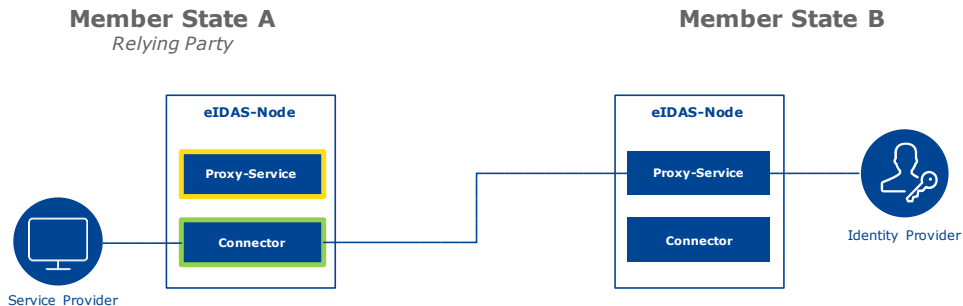
Entity offering online services that rely on eID for cross-border authentication.

eIDAS Interoperability Architecture



eIDAS Compliance *for Node Operators (Member State)*

Interoperability Architecture



Connector

One or more connectors per Member State
(mandatory for mutual recognition of eID)

Proxy-Service

One Proxy-Service per Member State
(optional component operated when the MS notified one or more eID schemes)

Obligations

Legal

- ✓ Mutual recognition
- ✓ Liability of Member State

Organisational

- ✓ Notification of security breach
- ✓ Cooperation with other Member States
- ✓ ISO/IEC 27001 certification (or equivalent) or compliance with national legislation

Technical interoperability

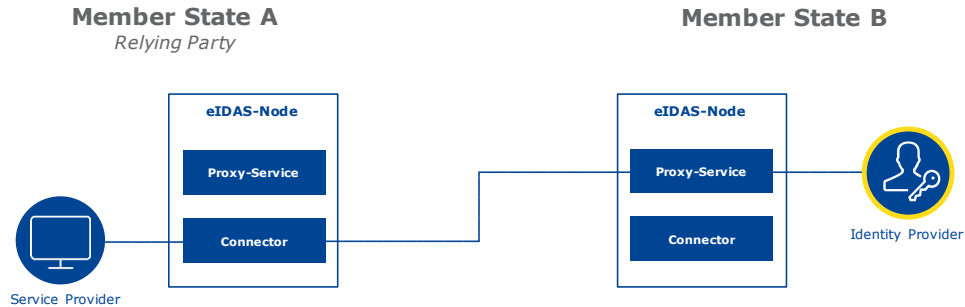
- ✓ eIDAS eID Profile

Operated by

- ✓ Public or private entities

eIDAS Compliance *for Identity Providers*

Interoperability Architecture



Obligations

Legal

- ✓ Liability of Member State

Organisational

- ✓ Notification of eID schemes
- ✓ Level of assurance based on enrolment, electronic identification, authentication and management/organisation of digital identities

Technical interoperability

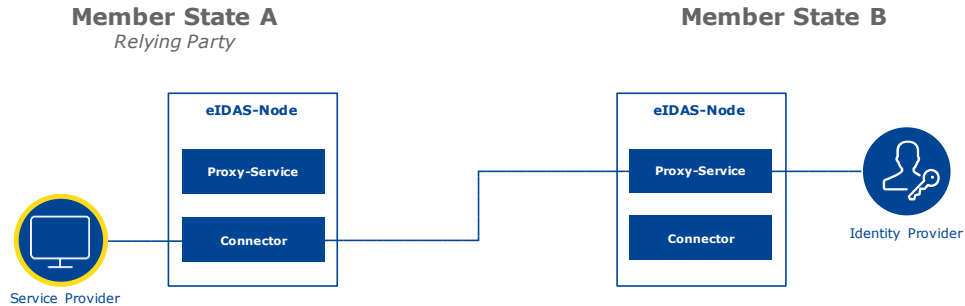
- ✓ At least MDS for natural and legal persons
- ✓ Member State specific interface with national infrastructure (proxy service)

Operated by

- ✓ Public or private entities

eIDAS Compliance *for Service Providers*

Interoperability Architecture



Obligations

Legal

- ✓ Mandatory for public entities offering online services to their citizens

Organisational

- ✓ Operational agreement with the responsible Member State

Technical interoperability

- ✓ Member State specific interface with national infrastructure (connector)
- ✓ Public and private service providers may need to connect to different connectors

Operated by

- ✓ Public or private entities

eIDAS

for Citizens

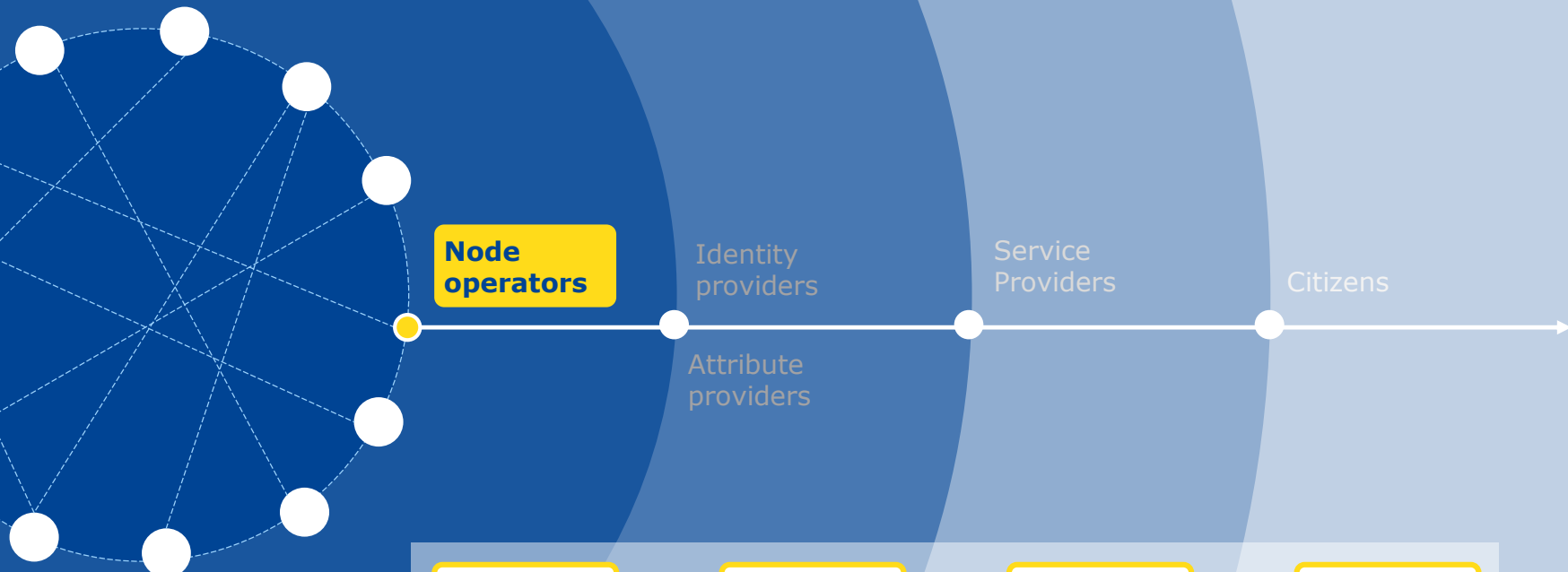


Access online services in any Member State with their national eID with required **security, ease of use, and cost efficient**

Service Offering

How the European Commission can help you become part of the eIDAS eID network

Services offered by the European Commission as part of CEF eID:



SOFTWARE

- SAMPLE IMPLEMENTATION
- TESTING TOOLS

OPERATIONS

- CONFORMANCE TESTING
- SERVICE DESK
- TRAINING

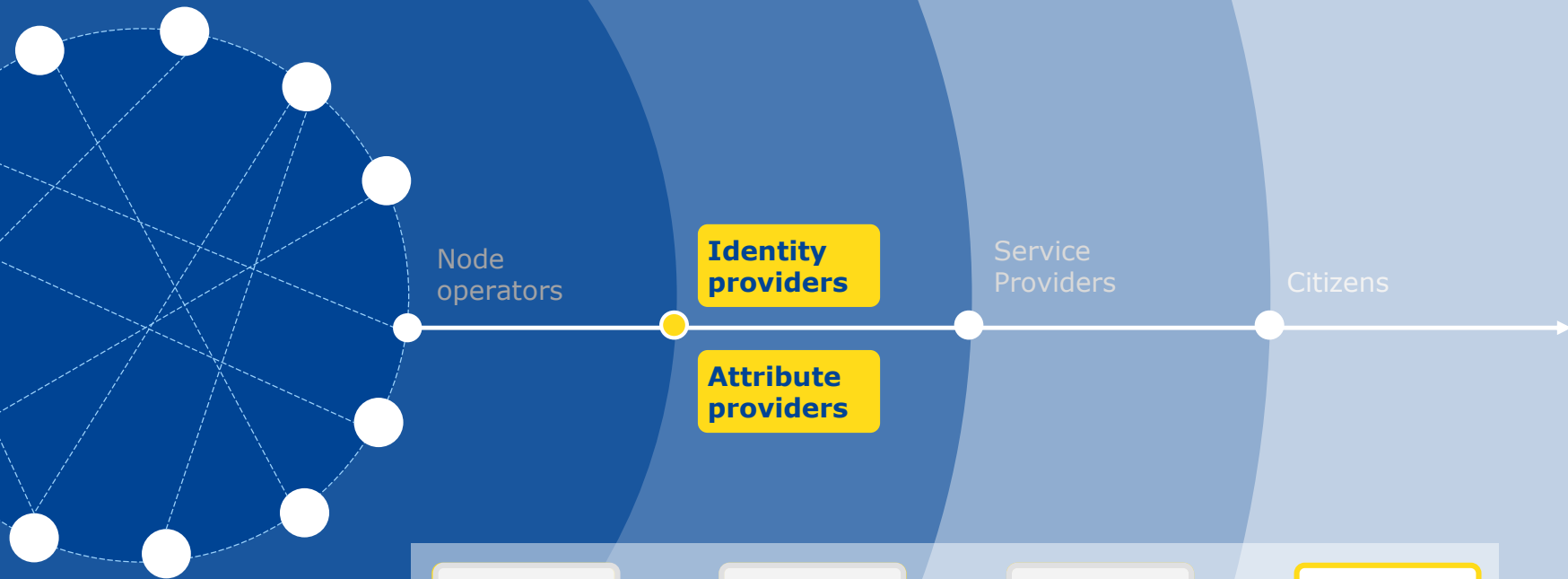
TECHNICAL SPECIFICATIONS

- eIDAS SAML Standard
- eIDAS Message Format
- eIDAS Interoperability

STAKEHOLDER MANAGEMENT

- KNOWLEDGE BASE
- COMMUNITY MANAGEMENT

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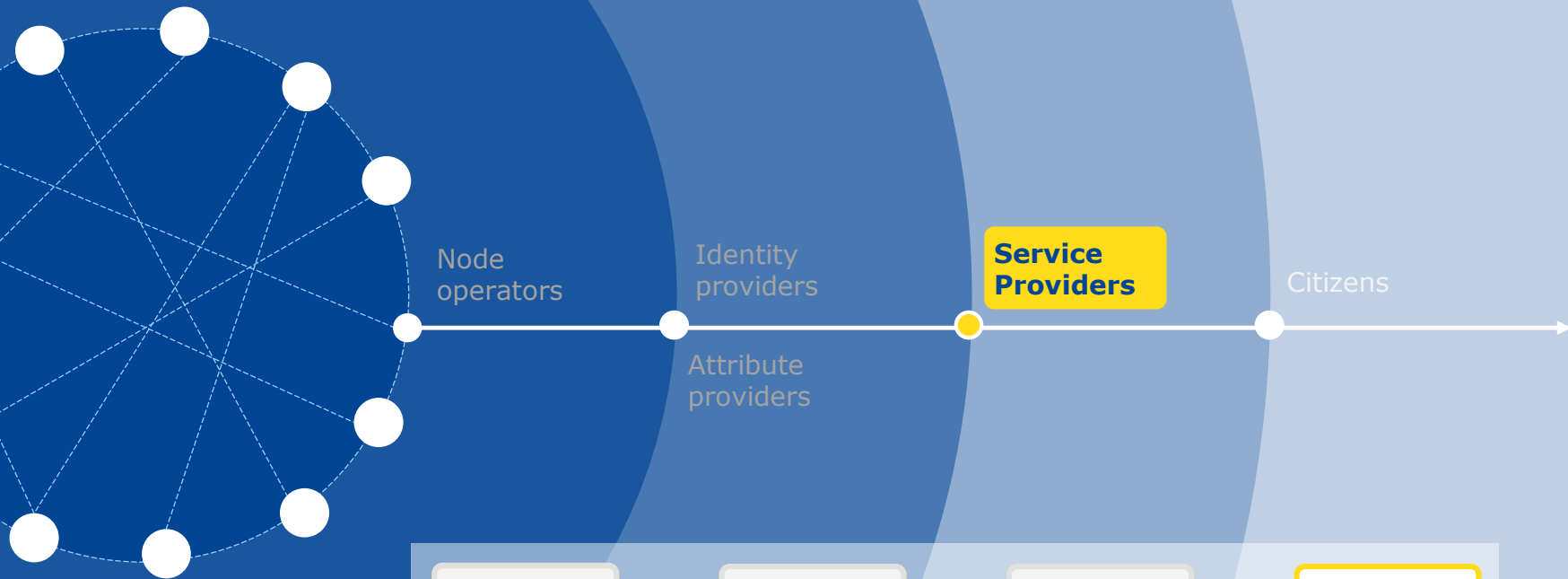
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Grant Funding available !



Supported by the Connecting Europe Facility (CEF), the Call for Proposals ([CEF-TC-2017-1](#)) provides grant funding of up to €7 million to support the adoption of eID and eSignature in Europe.

Scope of the call for eID



1. eID Integration

Integration of eID in an existing e-service/system/online platform to enable private and public sector entities (including local administrations) to support nationally issued eIDs issued from any Member State.



2. eIDAS node

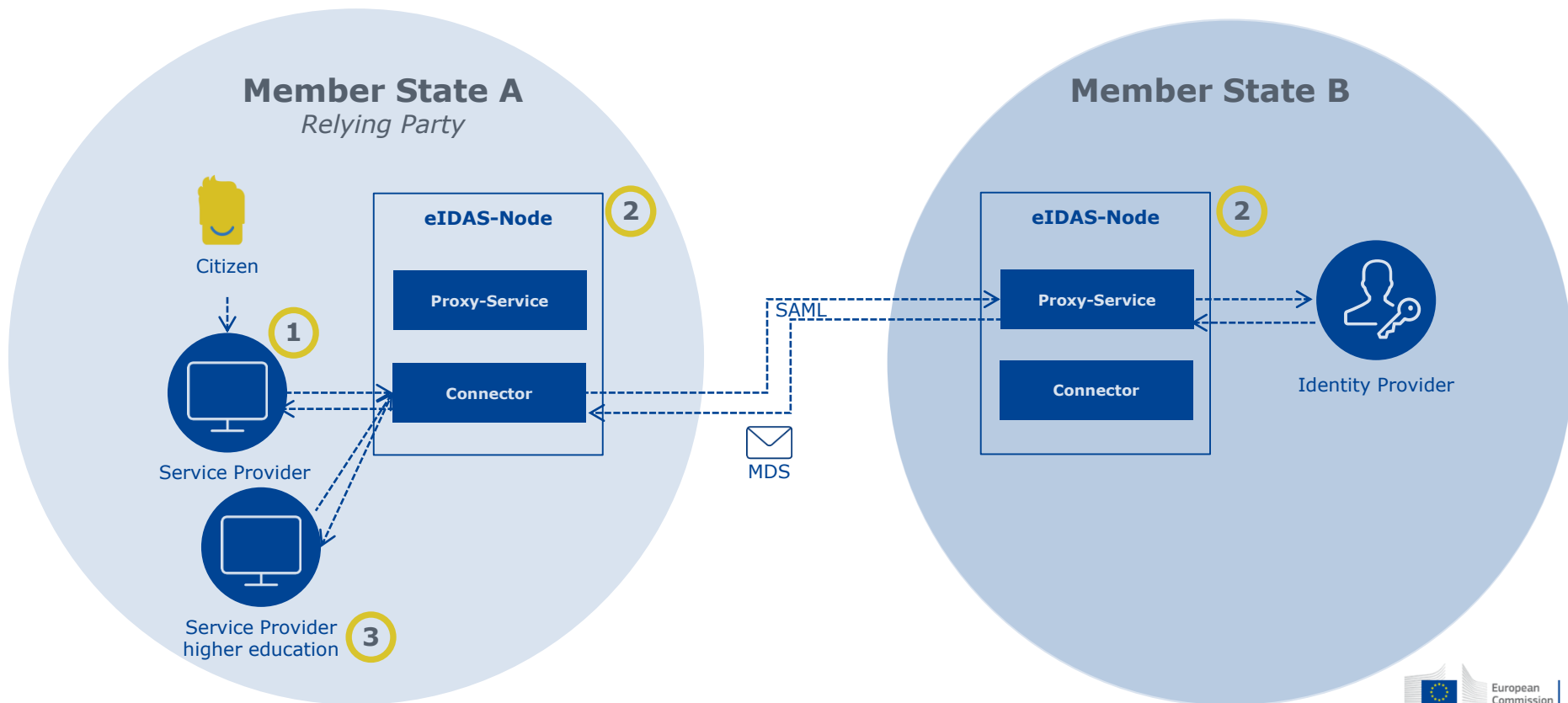
Set up eIDAS node compliant with the latest version of eIDAS technical specifications and its operation for one year by Member States which do not yet have their eIDAS nodes ready and did not benefit from funding under 2014 eID call for the connection of the national eID infrastructure to the core platform.



3. eIDAS enabled Erasmus Student eCard

Support the use of nationally issued eID for students' authentication across borders by promoting the uptake and use of eID amongst public and private sector entities. In addition, the objective is to support the integration of eID in existing e-service/system/online platforms in higher education sectors (e.g. such as universities) to facilitate the mobility of students in the European Union;

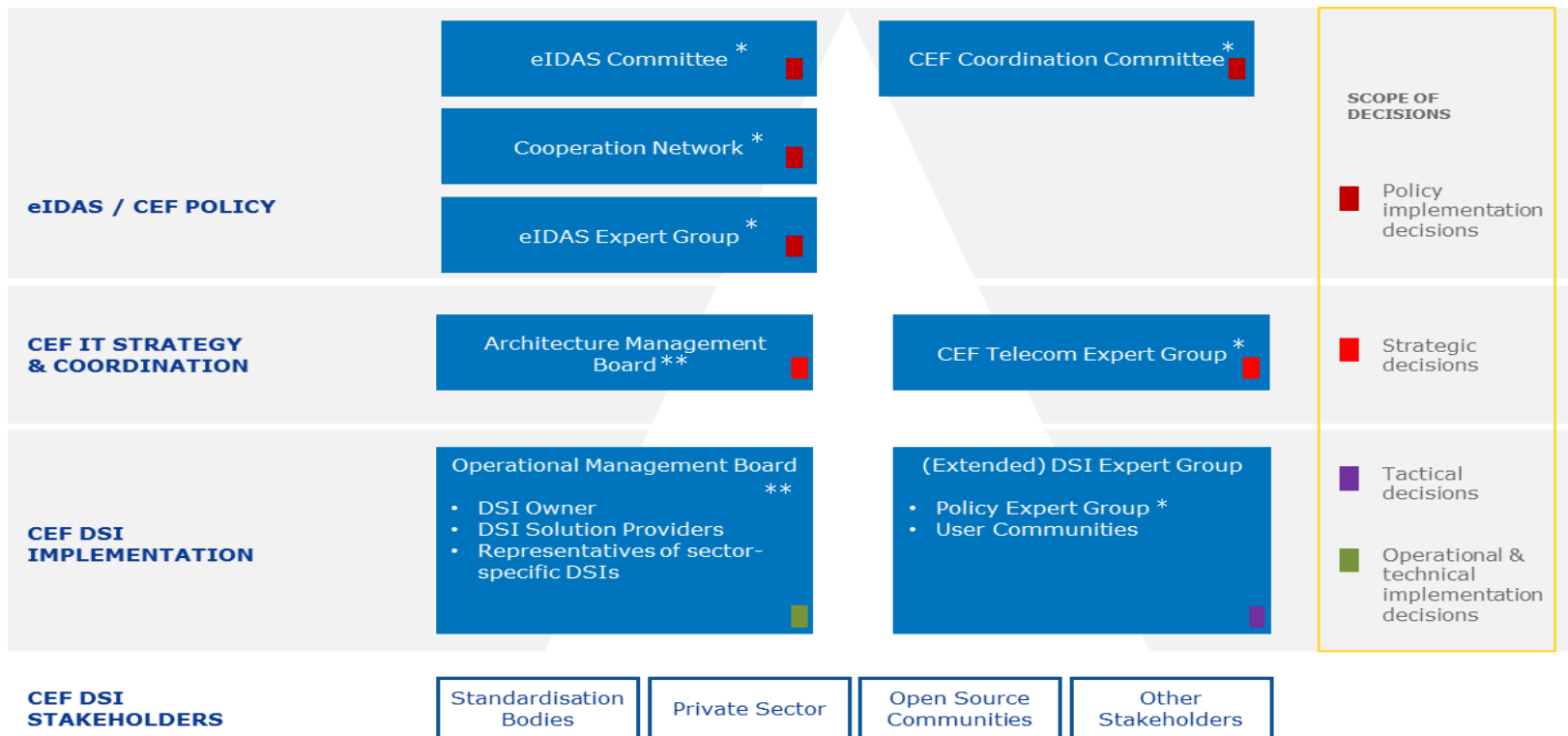
eIDAS Interoperability Architecture



Governance

Who is taking strategic decisions for CEF eID Building Block and who is implementing them?

Governance



* Groups composed of Member States representatives

** Groups lead by the European Commission

Find out more about eID on CEF Digital

The screenshot shows the CEF Digital website interface. At the top, there is a navigation bar with the European Commission logo and the text 'CEF DIGITAL'. Below this is a search bar. The main content area is titled 'eID' and features a navigation menu with 'Home', 'Discover', 'How it works', 'Services', and 'Collaboration'. The content is organized into three columns: 'About', 'Latest News', and 'Grants'. The 'About' section describes the eID solution and its funding. The 'Latest News' section lists recent updates, including a webinar and a milestone reached. The 'Grants' section mentions a call for proposals. At the bottom, there is a section titled 'Implementing eID' which outlines a four-step process: Discover, How it works, Services, and Collaboration, each with an icon and a brief description.

European Commission > CEF Digital Home > CEF building blocks

eID

Home Discover How it works Services Collaboration

About

CEF eID helps public administrations and private online service providers to easily extend the use of their online services to citizens from other EU Member States. The CEF eID solution can assist compliance with eIDAS Regulation, which ensures legal interoperability by providing a clear regulatory framework.

Funding EUR 4 million over 4 years
Business owner DG CNECT
Solution provider DIGIT

[Discover eID >](#)

Latest News

- Live Webinar: "eID under eIDAS: compliance, state of play and technology"
- Key Milestone Reached! First Cross Border Connections Between (technically compliant) eIDAS nodes in Production
- eIDAS Technical Specifications v. 1.1

[All the latest >](#)

Grants

CEF-TC-2017-1 Identification & Signature
Indicative budget EUR 7 million
Call open To be confirmed

[More information >](#)

Implementing eID

The CEF eID implementation journey is divided into four steps providing different types of information, help and resources addressing the needs of the specific target audiences.

- Discover** — Understand what CEF eID is about, its legal context and how it can benefit public administrations
- How it works** — Evaluate the suitability of adopting CEF eID by understanding its IT architecture
- Services** — Access and download the software, documentation and services provided to implement CEF eID
- Collaboration** — Spaces to collaborate and discuss the CEF Building Blocks (Coming Soon)



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DG CONNECT

Directorate-General for Communications Networks, Content and Technology

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