



Are you ready for eIDAS?

Connecting Europe. Get on-board! From the e-SENS Pilots to eIDAS going live

Alice Vasilescu

eSENS final event

2nd of March 2017

Agenda

1

eIDAS Compliance

2

Service offering and funding

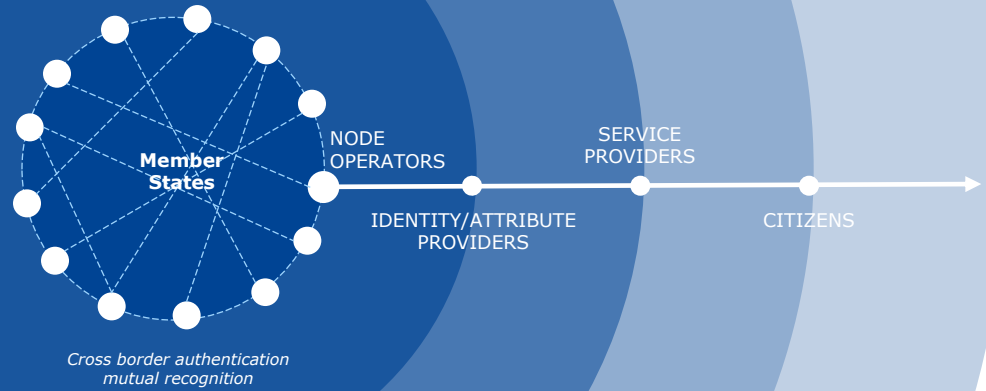
3

Status and timeline

eIDAS Compliance

from pilot to eIDAS ready 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

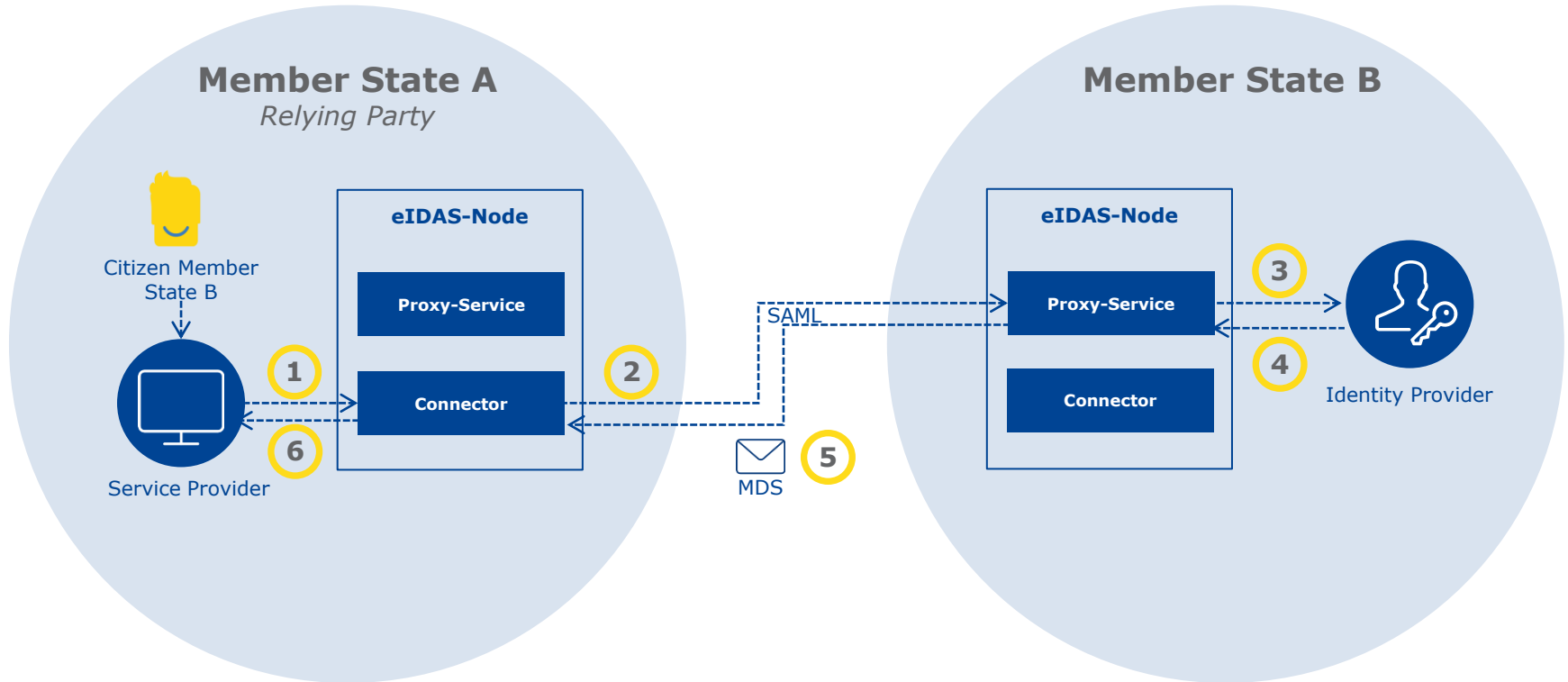
Entity responsible for verifying that a user is who they claim to be and assert verified data that identifies them to the relying party



Service Provider

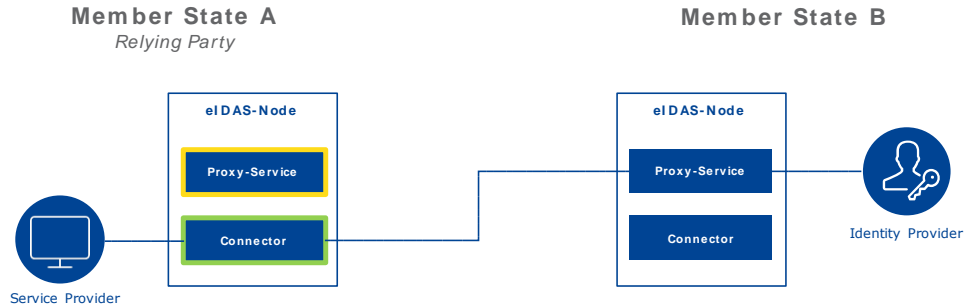
Entity offering online services that rely on eID for cross-border authentication.

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

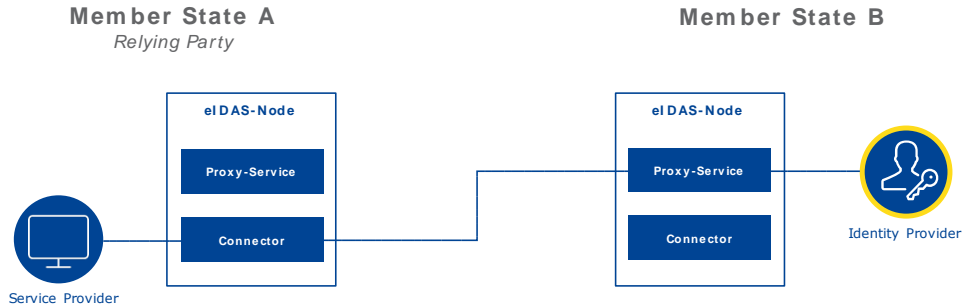
- ✓ eIDAS eID Profile

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

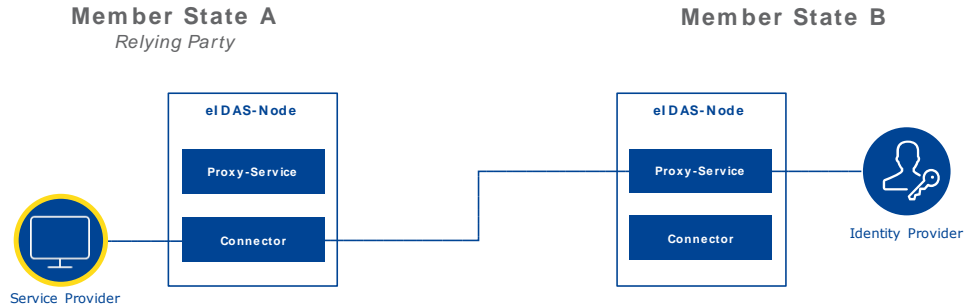
- ✓ At least MDS for natural and legal persons
- ✓ Member State specific interface with national infrastructure (proxy service)

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

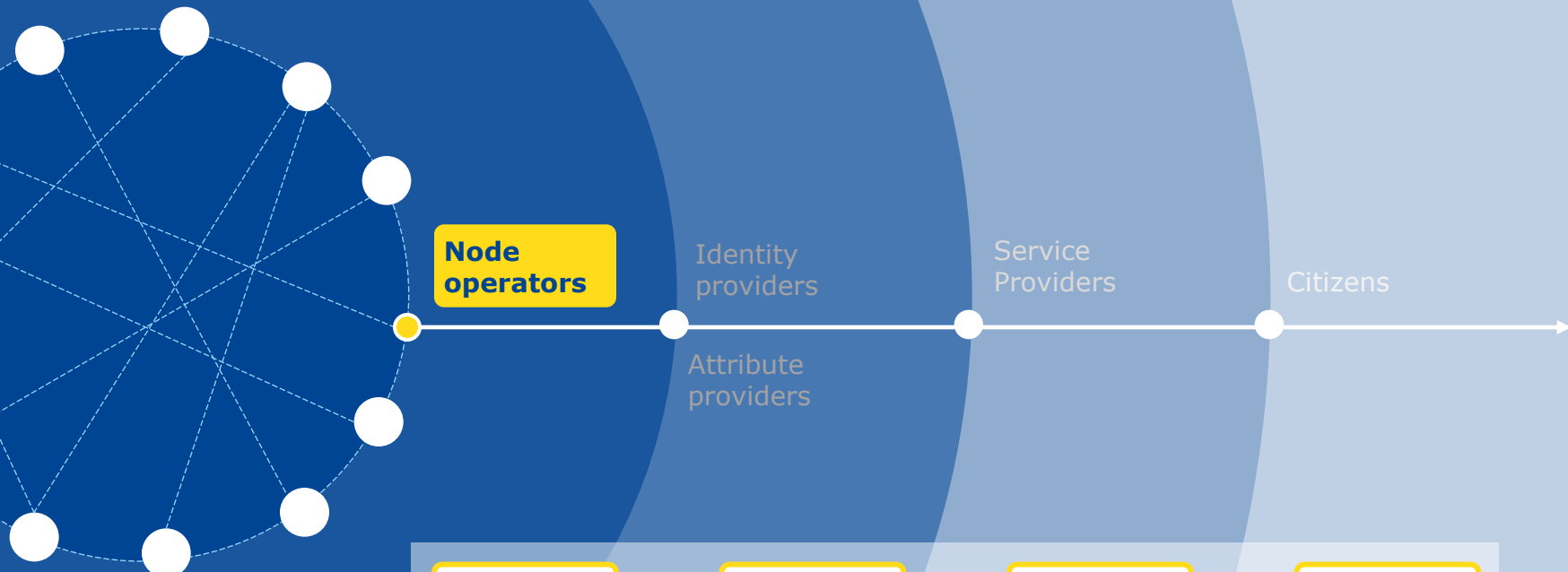


Access online services in any Member State with their national eID with required **security**, **ease of use**, and **cost efficient**

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

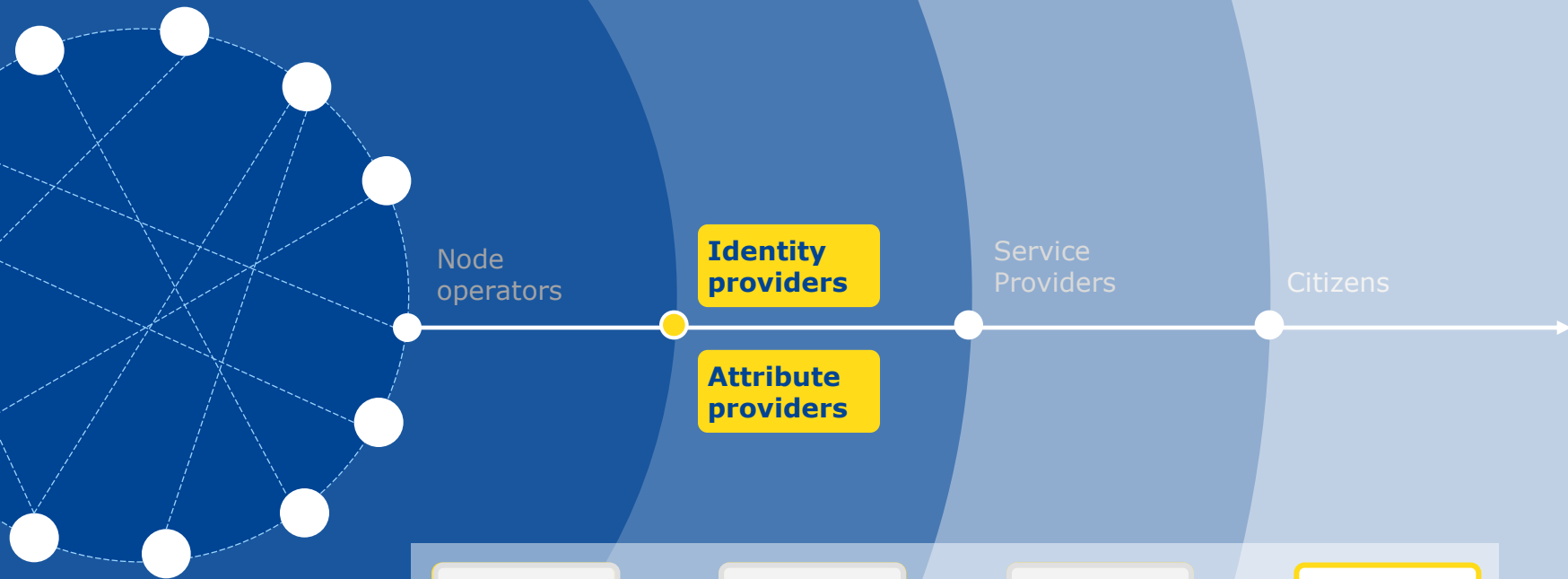
TECHNICAL SPECIFICATIONS

- eIDAS SAML Standard
- eIDAS Message Format
- eIDAS Interoperability

STAKEHOLDER MANAGEMENT

- KNOWLEDGE BASE
- COMMUNITY MANAGEMENT

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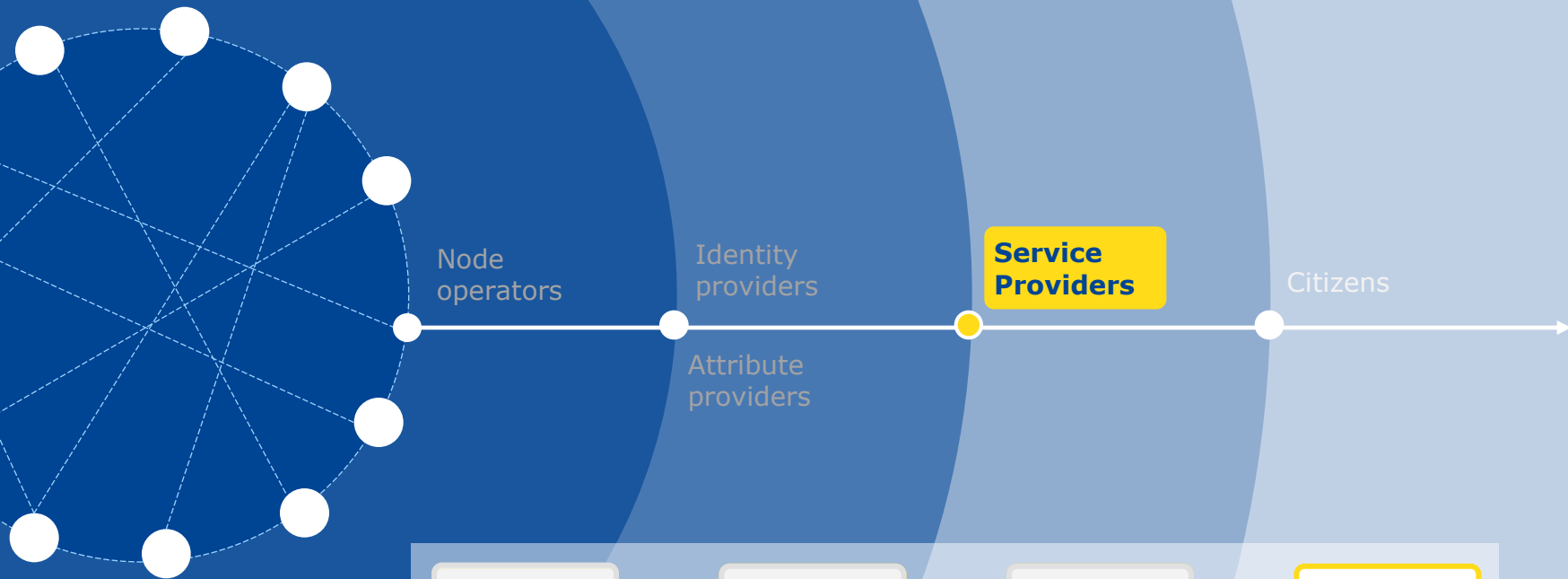
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Grant Funding available !



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

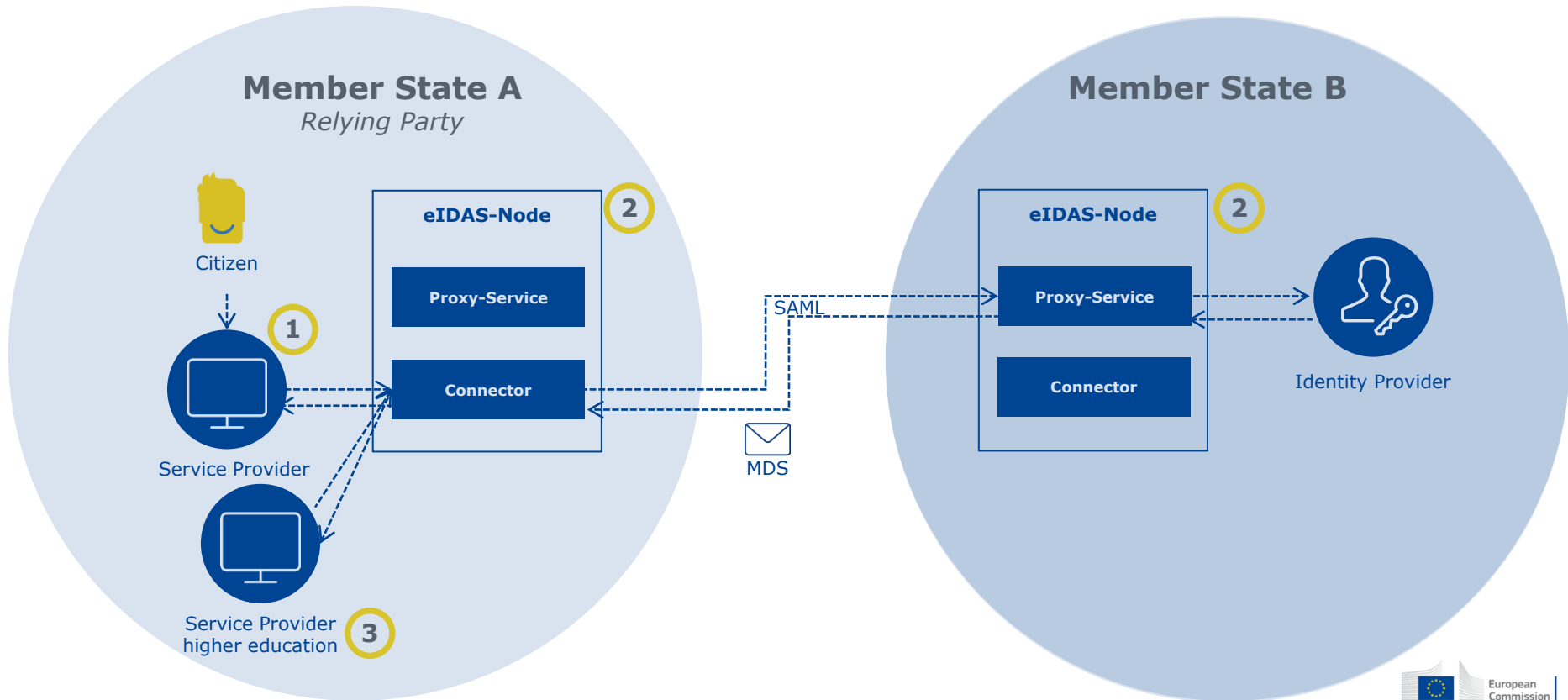
Set up eIDAS node compliant with the latest version of eIDAS technical specifications and its operation for one year by Member States which do not yet have their eIDAS nodes ready and did not benefit from funding under 2014 eID call for the connection of the national eID infrastructure to the core platform.



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;

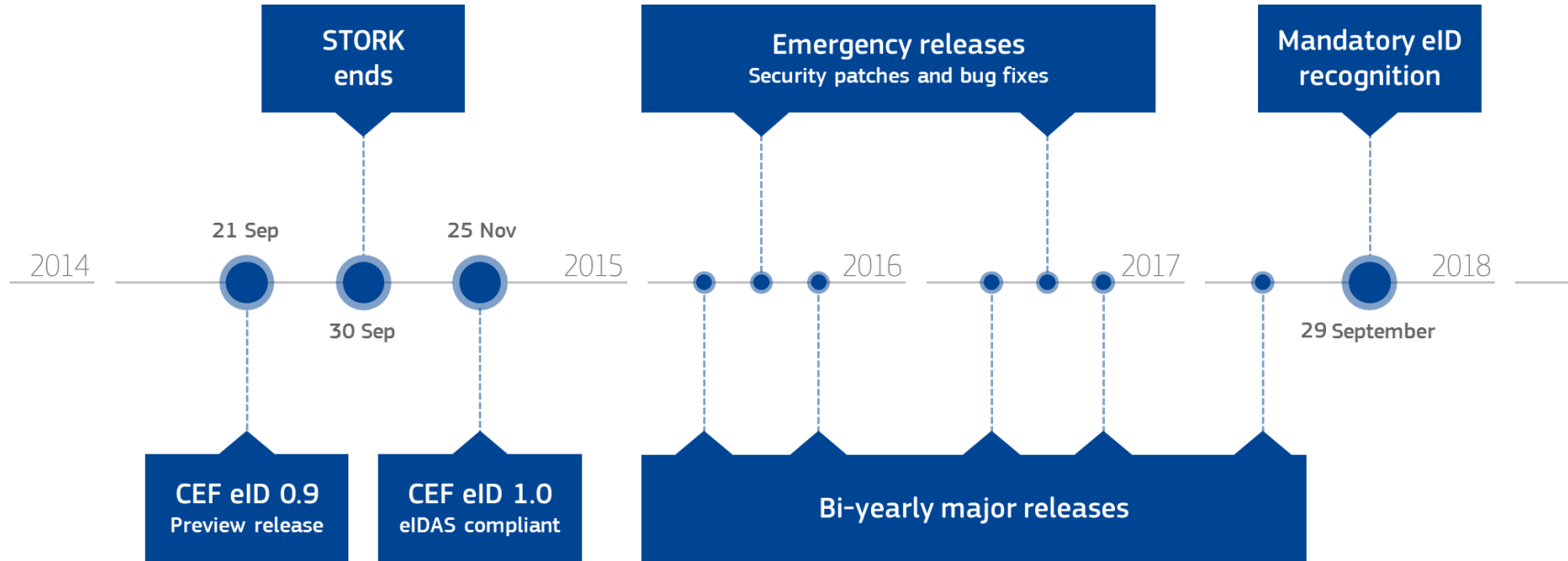
eIDAS Interoperability Architecture



Status and timeline

Where are we now, and what are the future plans?

Timelines



Handover e-SENS | artefacts



Wiki spaces



Plug-in



Lessons learnt



Community



Any other artefact

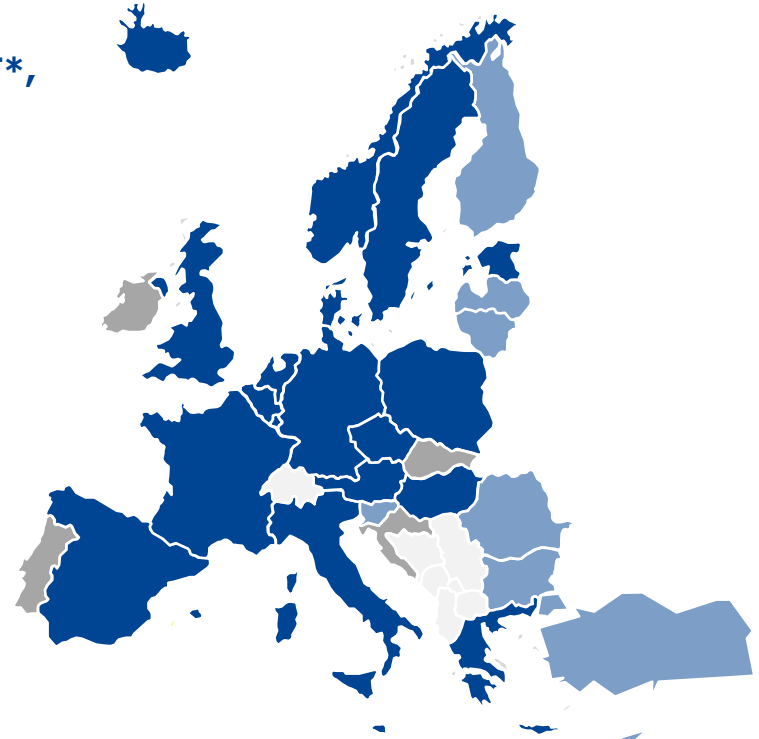
Countries in process of implementing an eIDAS compliant Node

- Countries setting-up an eIDAS compliant Node:
AT*, BE, CZ*, DE, DK*, EE*, EL*, ES*, FR, IS, IT*, LU*, MT*, NL*, NO*, PL*, SK, SE, UK*
- Countries planning national eIDAS Node implementation:
BG, CY, FI, LT, LV*, RO, SI, TR
- Countries to be confirmed:
HR, HU, IE, PT

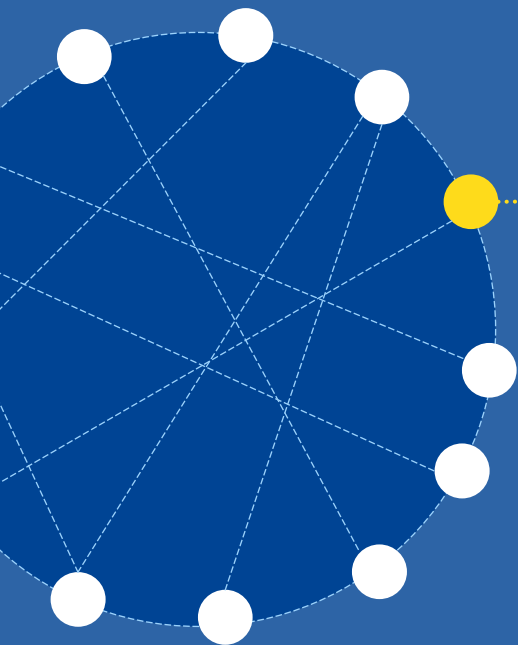
** countries that expressed intent to use CEF eID sample implementation*

- Some countries have already communicated their timeline for their node implementation:

2017	2018
✓ Belgium ✓ Italy ✓ Malta	✓ Bulgaria ✓ Luxembourg



eID schemes notified



 **Germany**

National ID card

40.000.000
registered users

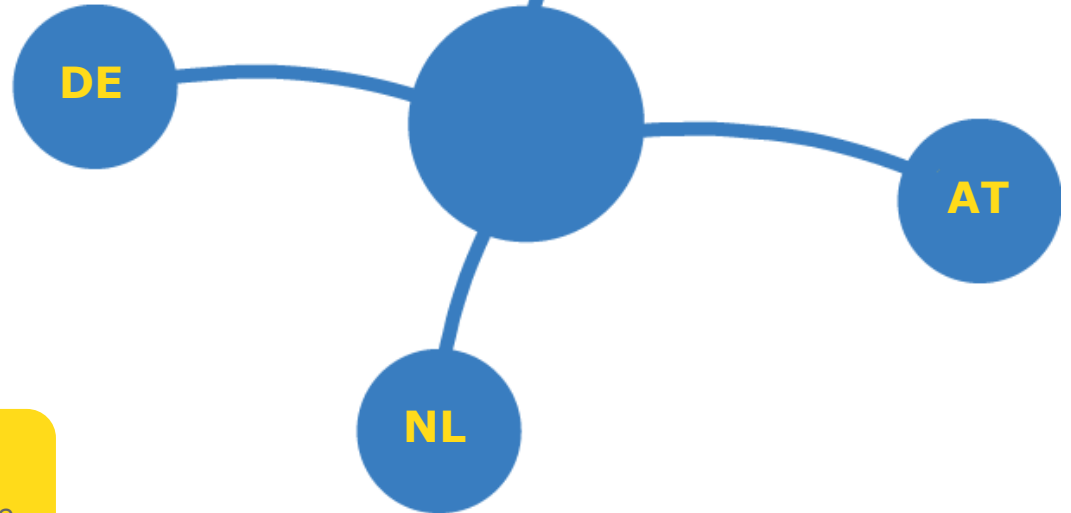
20.02.2017

- 20 February 2017: first pre-notification
- A milestone towards establishing eID and trust services in Europe achieved!

Other encouraging achievements

- In December 16, The Netherlands, Austria and Germany have managed to **connect their identification and authentication systems** via their (technically compliant) eIDAS nodes in production

- In December 2016, Spain **completed CEF eID conformance testing**, a service provided by the European Commission's Directorate General for Informatics (DIGIT).



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 CEF Digital logo and a search bar. Below the navigation bar, the main content area is divided into several sections:

- About:** A section providing an overview of the eID solution, its funding (EUR 4 million over 4 years), and the business owner (DG CONNECT).
- Latest News:** A section featuring three news items: a live webinar on eIDAS compliance, a key milestone reached (first cross-border connections), and the release of eIDAS technical specifications v. 1.1.
- Grants:** A section detailing the CEF-TC-2017-1 eID identification & eSignature grant, with an indicative budget of EUR 7 million and a call open to be confirmed.

Below these sections, there are three yellow buttons: "Discover eID >", "All the latest >", and "More information >".

The bottom section of the screenshot is titled "Implementing eID" and describes the implementation journey. It is divided into four steps, each with an icon and a brief description:

- 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).



ec.europa.eu/cefdigital

DIGIT

Directorate-General for Informatics

DG CONNECT

Directorate-General for Communications
Networks, Content and Technology

Contact us



DIGIT-CEF-EID@ec.europa.eu

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