

eID and eSignature

The Commission has developed reusable building blocks that create appropriate conditions for cross-border mutual recognition of key enablers, such as electronic identities and electronic signatures. These solutions aim to remove barriers among Member States for electronic interactions between citizens, public authorities and private companies, thus contributing to the creation of the Digital Single Market.

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Financial Monitoring

€ 20,748,916
CEF Core Service Platform funding

€ 24,771,361
CEF funding through Generic Services Projects

eID

The **eID** CEF Building Block comprises a set of services (including software, documentation, training and support) for eIdentification in line with the **eIDAS Regulation**. The Regulation states that by 2018, all online public services requiring specific electronic identification assurance must be able to accept notified eID schemes from other EU countries. These services help public administrations and private Solution Providers to extend the use of their online services to citizens from other European countries. The services are provided by the European Commission and endorsed by the Member States.

CEF supports the EU and European Economic Area (EEA) countries associated to the programme to roll-out of the **eIDAS Network**, the technical infrastructure which connects national eID schemes through the so called eIDASNodes. Service Providers, usually public administrations and private sector organisations may then connect their services to this network, making these services accessible across borders and allowing them to enjoy the legal recognition brought by eIDAS. In order to support them through the implementation of their eIDAS-Nodes, node implementers can benefit from the **interoperability readiness** test performed by the European Commission.

The Core Service Platform of eID supports EU and EEA countries associated to the programme at both technical and operational level in order to make the eIDAS-Nodes operational, link attributes, mandates and authorities' data to the electronic identification data, and facilitate the onboarding of different policy domains. For example, this includes releasing the software necessary for the eIDAS-Nodes.

Generic Services Projects support the implementation of the eIDAS-Nodes, tailored to the national eID infrastructures, within EU and EEA countries associated to the programme. They also support the integration of the eID Building Block in existing e-services/ systems/ online platforms in different public sector entities and private sector areas.

The mutual recognition of eID schemes across Europe is mandated by the **eIDAS Regulation**. The Regulation states that by 29 September 2018 all online public services requiring electronic identification **assurance** corresponding to a level of 'substantial' or 'high' must be able to accept the **notified** eID schemes of other EU countries. Public administrations offering online services that match these requirements are therefore **obliged to comply**.

Highlights



Generic Services Projects

€24.77 million
72 projects in **23** Member States + Iceland, Norway and United Kingdom (including CEF eSignature)

More info on the Generic Services:

[HaDEA](#)



Interoperability readiness test

25 countries (22 Member States + Iceland, Norway and UK) deployed an eIDAS-Node that passed the interoperability readiness test.
Deployment started in 2016.



Sectors

Government & Public Sector (mainly), Economy & Finance, Education, Culture & Sport, Health, Regions & Cities, Science & Technology.

Indicators

As the CEF funding of the Core Service platform came to an end in Q1 2022, this is the cut-off date for the last monitoring activities linked to this work strand. The monitoring of the Generic Services projects presents the state of play by Q4 2022. 4 Generic Services projects are still under implementation and are foreseen to be completed by 2023.

Uptake

25

eIDAS-Nodes passed the interoperability readiness tests

19

countries notified the European Commission of their eID scheme

30

countries using the eIDAS reference implementation

6

sectors have services connected to eIDAS-Nodes and financed by Generic Service Projects

1

eIDAS-Node software releases in 2022

Reuse of eID

eID is being reused by BRIS, Digital Skills and Jobs Platform, EESSI, eHealth, EU e-Justice, eProcurement, EU Student eCard, EDMO, ODR, Public Open Data, Safer Internet and Wifi4EU

For more information about the reuse, click [here](#)

Indicators

eID > Uptake > eIDAS-Nodes having passed the interoperability readiness tests

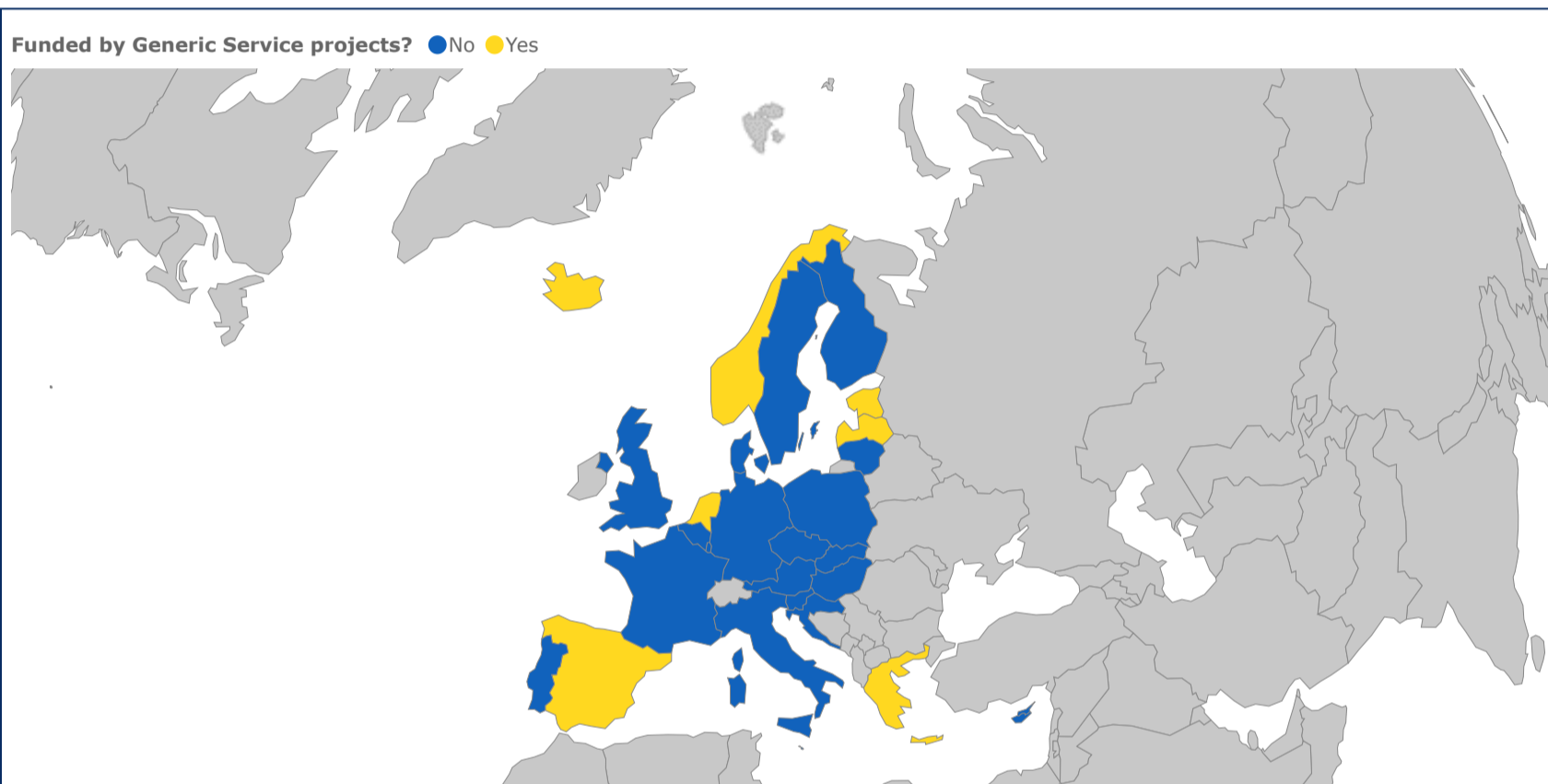
This indicator measures the number of **eIDAS-Nodes in countries*** that, at the time of yearly data collection:

- Passed the interoperability readiness test,
- Passed the interoperability readiness test, **with the support of the CEF Telecom Generic Services Projects.**

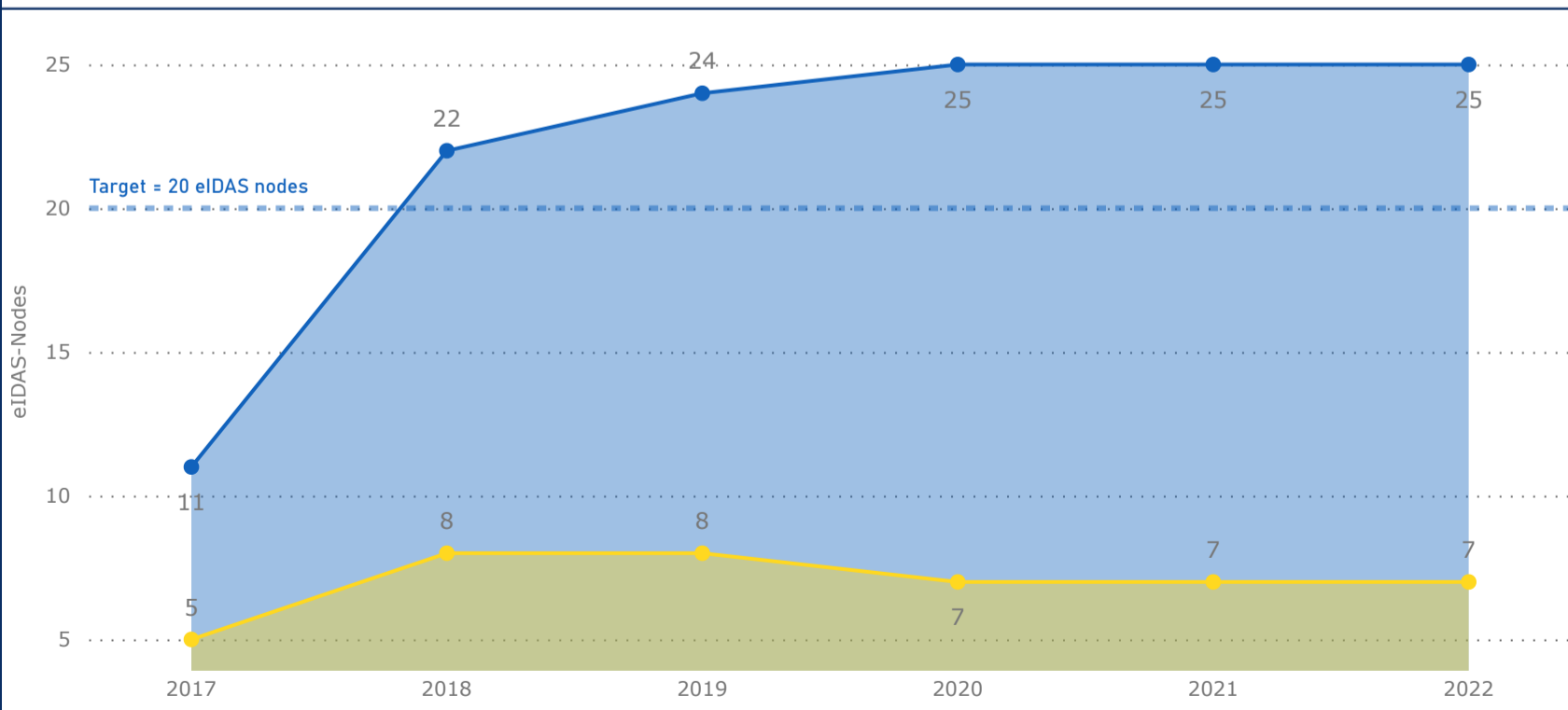
eIDAS (electronic IDentification, Authentication and trust Services) is an [EU regulation](#) on a set of standards for electronic identification and trust services for electronic transactions in the European Single Market. It was established in EU regulation 910/2014 of 23 July 2014 on electronic identification.

An eIDAS-Node is an implementation of the eID eIDAS Profile which is able to communicate with other nodes of the [eIDAS Network](#). The eIDAS-Node can either request (via an eIDAS-Node Connector) or provide (via an eIDAS-Node Proxy Service) cross-border authentication. There is a maximum of one node per country*, although this national node may adopt different configurations.

An eIDAS-Node is considered has having passed the readiness test, when the node passes the [CEF eID Interoperability Readiness Testing](#) assertions, derived from the eIDAS technical specifications, on the testing platform provided by the European Commission.



Target
20 eIDAS nodes passing the interoperability readiness tests (1 per country*), by the time all CEF funded projects are implemented.



Disclaimer. The boundaries and names shown and the designations used on the map do not imply official endorsement or acceptance by the European Union. The designations employed and the presentation of material on the map do not imply the expression of any opinion whatsoever on the part of the European Union concerning the legal status of any country, territory or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

* The mention "**country**" refers to "EU Member States and EEA countries associated to the CEF programme as well as the United Kingdom".

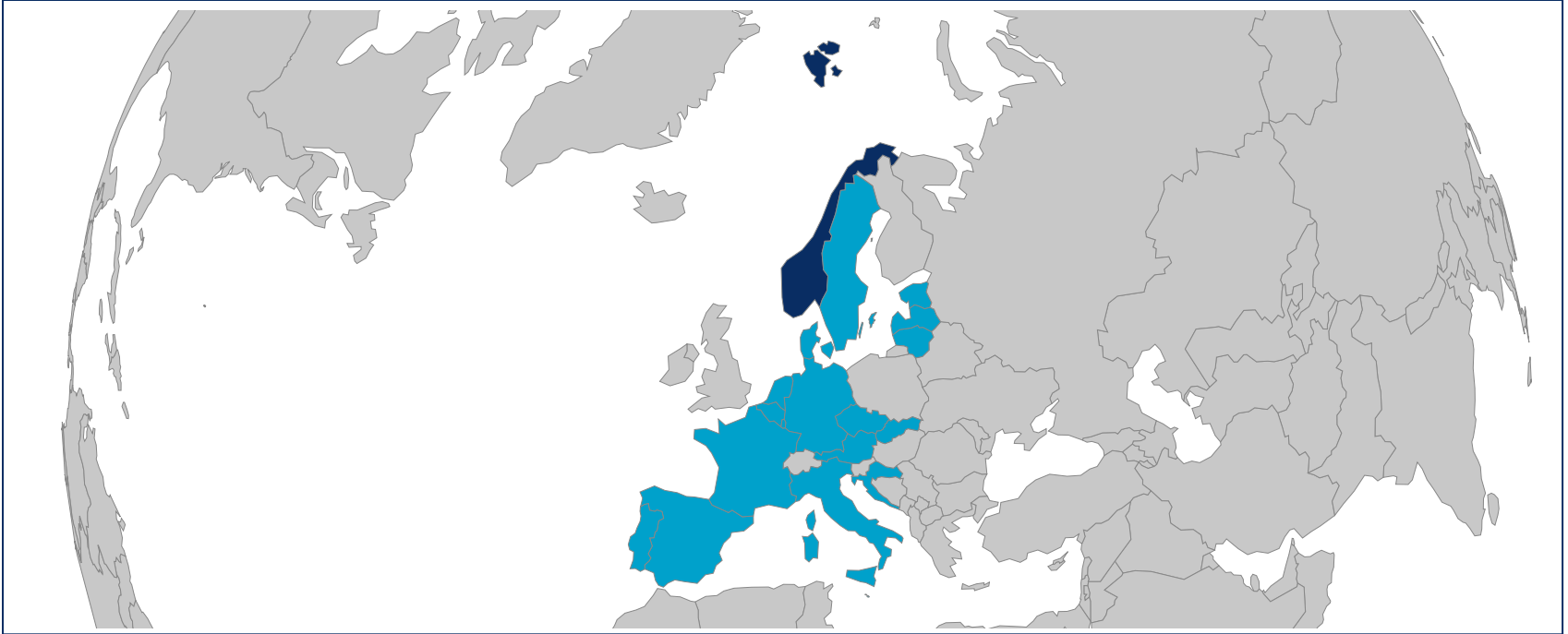
eID > Uptake > Countries having notified the European Commission of their eID scheme

This indicator measures the number of **countries***, at the time of yearly data collection, which:

- **Prenotified** the European Commission of their eID scheme,
- Have their eID scheme **peer reviewed** by other countries*,
- **Notified** the European Commission of their eID scheme.

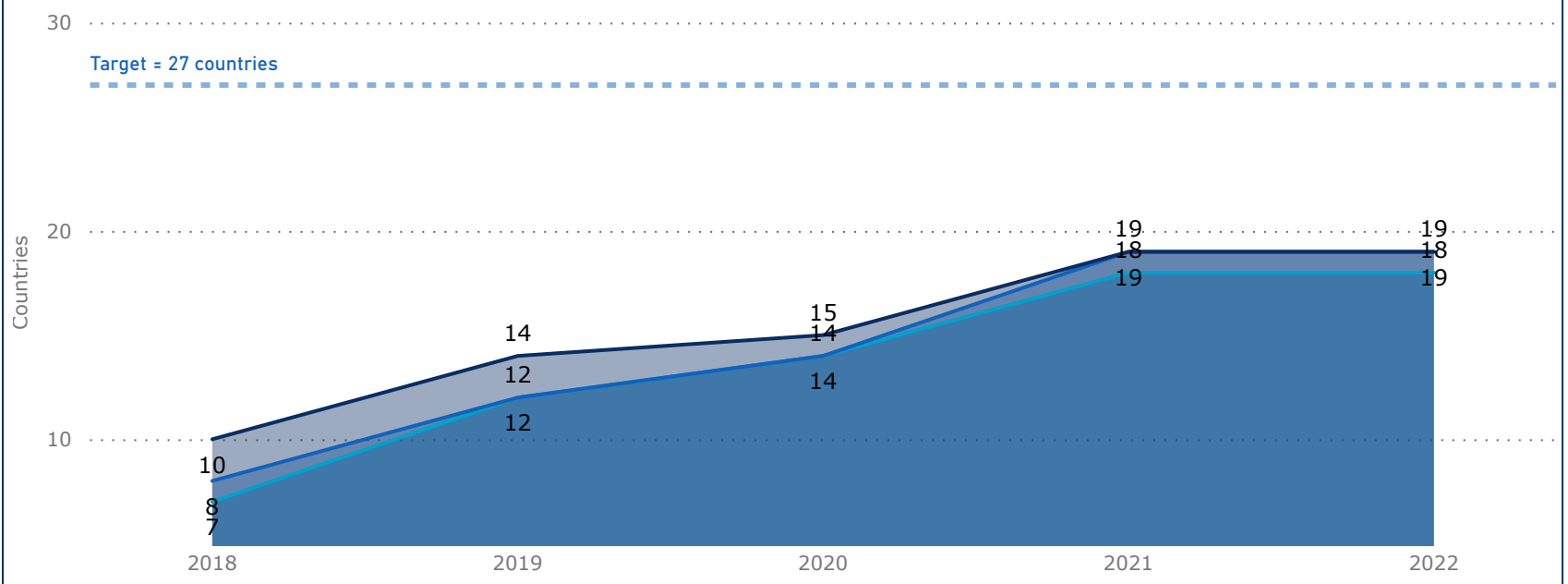
The baseline is the first time an eID scheme has been notified in Q1 2017 and is 1 notification of an eID scheme.

The pre-notification, peer review and notification steps constitute what is called the "[notification process](#)".



Target

27 countries* should have notified the European Commission of their **eID scheme**, by the time all CEF funded projects are implemented.



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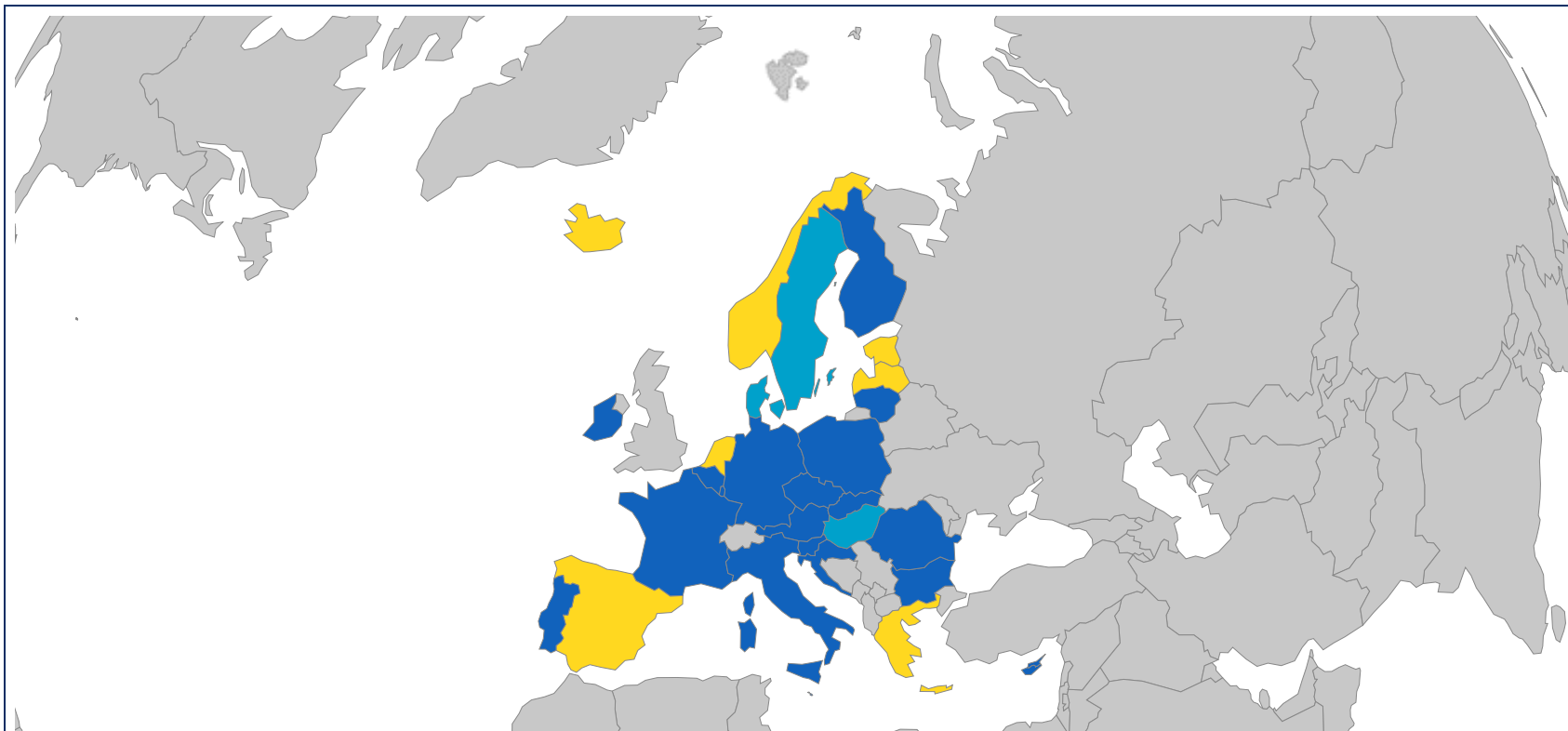
eID > Uptake > Countries using the eIDAS reference implementation

This indicator measures the number of **countries*** using the eIDAS reference implementation at the time of yearly data collection.

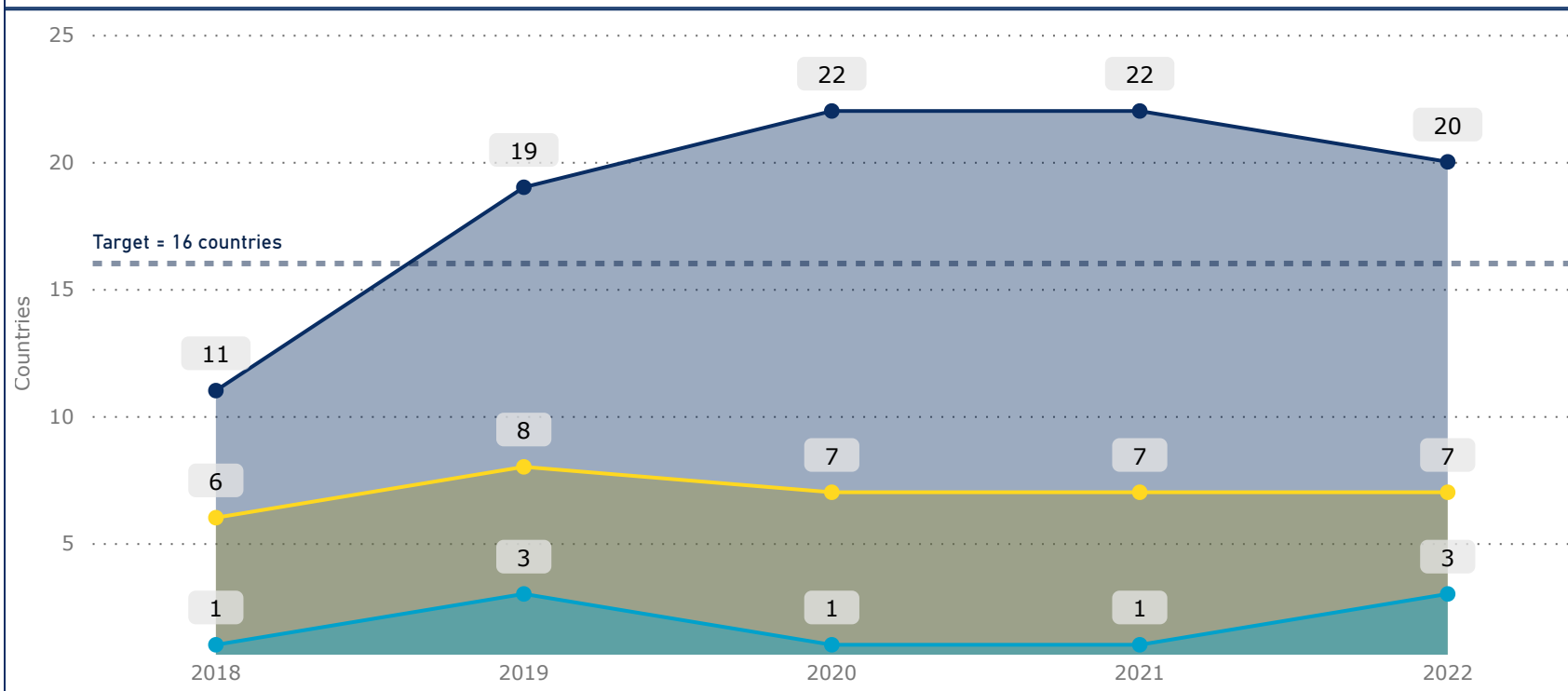
The eIDAS reference implementation is a software developed by CEF that may be used to get familiar with the eIDAS technical specifications in a test environment or as a working solution in a production environment.

Countries* can have one of three states regarding their use of the eIDAS reference implementation:

- **using the implementation only for testing,**
- **using the implementation,**
- **using the implementation, with support from Generic Services Projects.**



Target
16 countries* using the eIDAS reference implementation, by the time all CEF funded projects are implemented.



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eID > Uptake > Sectors connected to eIDAS Nodes

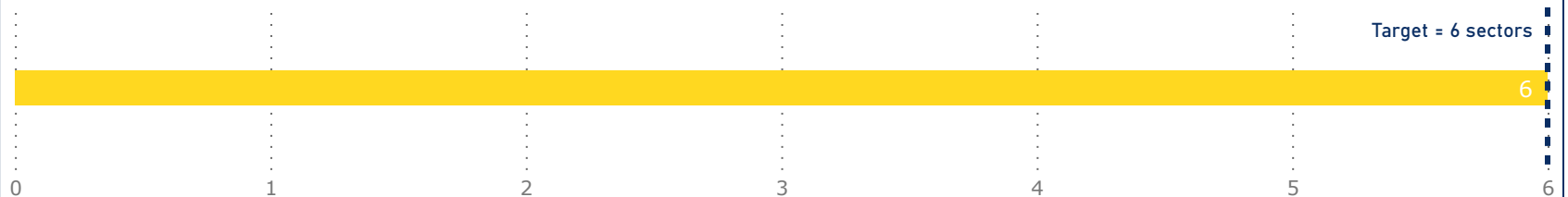
This indicator measures the number of:

- **sectors for which services connected to the eIDAS-Nodes are available in Generic Services Projects** at the time of yearly data collection.

Sectors	Service(s) funded by CEF Telecom grants connected to eIDAS Nodes
Agriculture, Fisheries, Forestry & Foods	
Economy & Finance	●
Education, Culture & Sport	●
Energy	
Environment	
Government & Public Sector	●
Health	●
International Issues	
Justice, Legal System & Public Safety	
Population & Society	
Regions & Cities	●
Science & Technology	●
Transport	

Target

6 sectors for which a service connected to the eIDAS nodes is available and financed by Generic Services Projects, by the time all CEF funded projects are implemented.



eID > Uptake > eIDAS-Node software releases

This indicator measures the number of **eIDAS-Node software releases per year**. A release is defined as any change, e.g. 1.0 to 2.0 or 2.0 to 2.1, as well as 2.1 to 2.1.1. Both the 2 digit and 3 digit versions can require significant effort and implement relevant changes. The baseline is 0 eIDAS-Node software release at the start of each year.

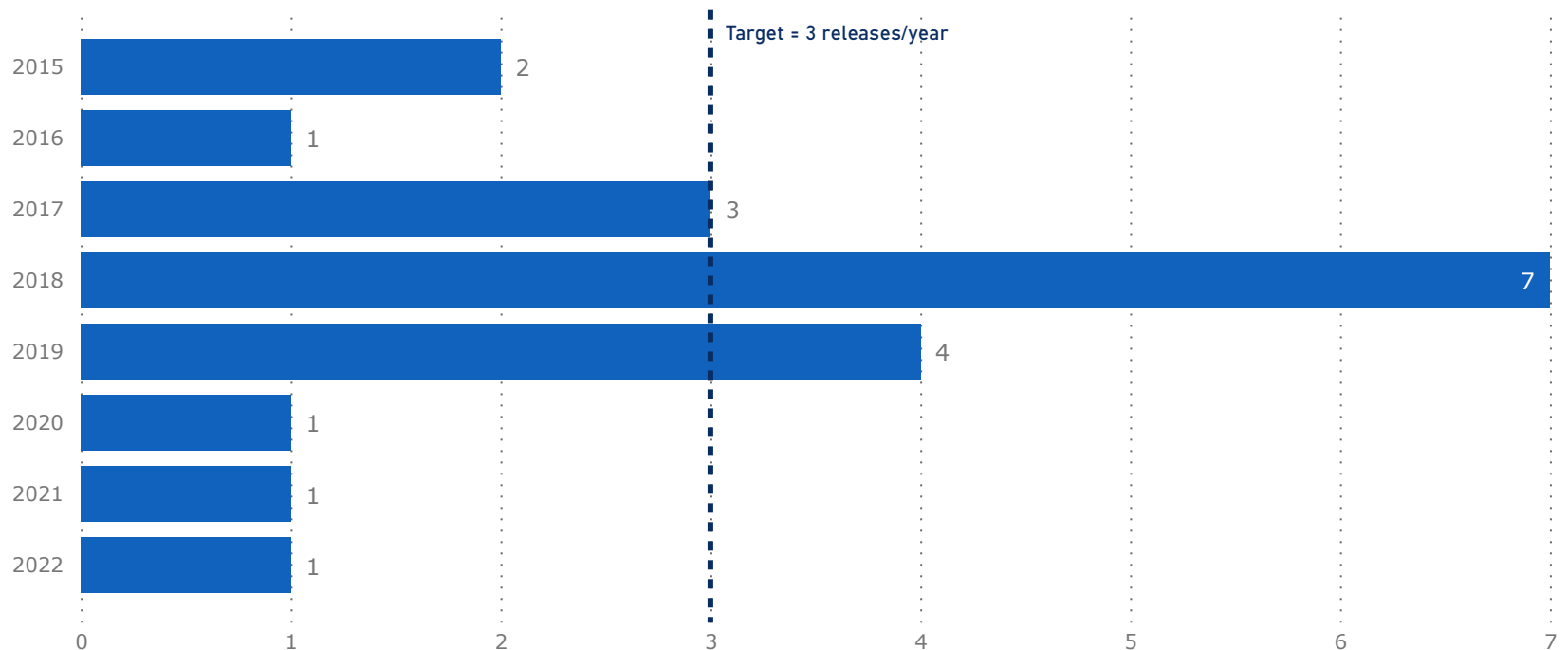
The eIDAS-Node software is a reference implementation of the eID eIDAS Profile. This reference implementation helps the user to get familiar with the eIDAS technical specifications in a test environment or as a working solution in a production environment.

The eIDAS reference implementation is composed of the following tools:

- eIDAS-Node: an implementation of the eID eIDAS Profile able to communicate with other nodes of the eIDAS Network,
- Testing tools: additional tools for setting up a demo environment for testing purposes

Target

3 eIDAS-Node software releases per year.



eID Milestones

All the **eID** milestones defined within the CEF Monitoring framework were successfully achieved. A detailed overview of the milestones can be found in the table below.

Milestone title	Start date	End date	% complete	Status
Community and stakeholder management	01 June 2018	31 May 2019	100	Completed
Conformance testing	01 February 2019	31 May 2019	100	Completed
Content information type specifications	01 June 2018	31 May 2019	100	Completed
Core Services - Specification maintenance and development	01 June 2018	30 April 2019	100	Completed
General model	01 June 2018	31 May 2019	100	Completed
Overall coordination	01 June 2018	31 May 2019	100	Completed
Release management	01 June 2018	28 February 2019	100	Completed
Sample software, Compliance and Support Services	01 June 2018	31 May 2019	100	Completed
Service desk	01 February 2019	31 May 2019	100	Completed
Training	01 June 2018	31 May 2019	100	Completed