

eDelivery

The eDelivery Building Block is a network of nodes for digital communications. It is based on a distributed model where every participant becomes a node using standard transport protocols and security policies. The Building Blocks contributes to a more secure and encrypted communication among public administrations, businesses and citizens.

eDelivery is based on the AS4 messaging protocol, open and free for all, developed by the OASIS standards development organisation. To ease its adoption in Europe, eDelivery uses the AS4 implementation guidelines defined by the Member States in the e-SENS Large Scale Pilot. Organisations must install an Access Point, or use a Service Provider, to exchange information with the AS4 messaging protocol. An Access Point is defined as an implementation of the AS4 data exchange protocol. Service Metadata Publishers (SMPs) enable the participants of an eDelivery Messaging Infrastructure to dynamically discover each other's capabilities (Legal, Organisational, and Technical).

The Core Service Platform offers technical specifications, sample software and managed services to public administrations, businesses and market players. The managed services consist in particular of testing services and technical support (training and deployment), as well as onboarding of pan-European projects and new software vendors.

Generic Services support the deployment of Access Points and Service Metadata Publishers (SMPs) compliant with the technical specifications of CEF eDelivery. The grants have also been used for upgrading existing solutions to the specifications of CEF eDelivery.

eDelivery has strong links to **Regulation (EU) 910/2014 on Electronic identification and trust services**, commonly known as "eIDAS". The resulting leading-edge regulation establishes the principle that an electronic document should not be denied legal effect on the grounds that it is in an electronic form. eDelivery supports this fundamental principle of the Digital age by promoting the alignment between its technical specifications and the eIDAS regulatory framework.

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Highlights



Generic Services Projects

€5.16 million

23 projects in **20** Member States + UK and Norway

More info on the Generic Services:

[HaDEA](#)



Use & deployment

1,013 access points in **all 27** member states and **3** EEA countries (Iceland, Liechtenstein and Norway) and **10** third countries (Australia, Canada, New Zealand, Singapore, Switzerland, Turkey, Ukraine, United Kingdom and United States)

Deployment started in 2015.



Sectors

Energy, Economy and finance, Government & Public Sector, Justice, Legal System & Public Safety, Population & Society.

Indicators

As the CEF funding of the Core Service platform came to an end in Q4 2021, 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. 2 Generic Services projects are still under implementation and are foreseen to be completed by 2023.

Uptake

686

Access Points deployed

586,764,104

exchanged documents sent through eDelivery Access Points

5

sectors use eDelivery Access Points

163

Service Metadata Publishers (SMPs) deployed

18

solutions compliant with the AS4 open standard

40

trainings given by the European Commission to EU Public Administrations

Service Availability

100%

Average uptime of the Service Metadata Locator Service environment

Financial Monitoring

€ 15,850,000

CEF Core Service Platform funding

€ 5,159,402

CEF funding through Generic Services Projects

Reuse of eDelivery

eDelivery is being reused by BRIS, EESSI, EU e-Justice, eProcurement and ODR

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

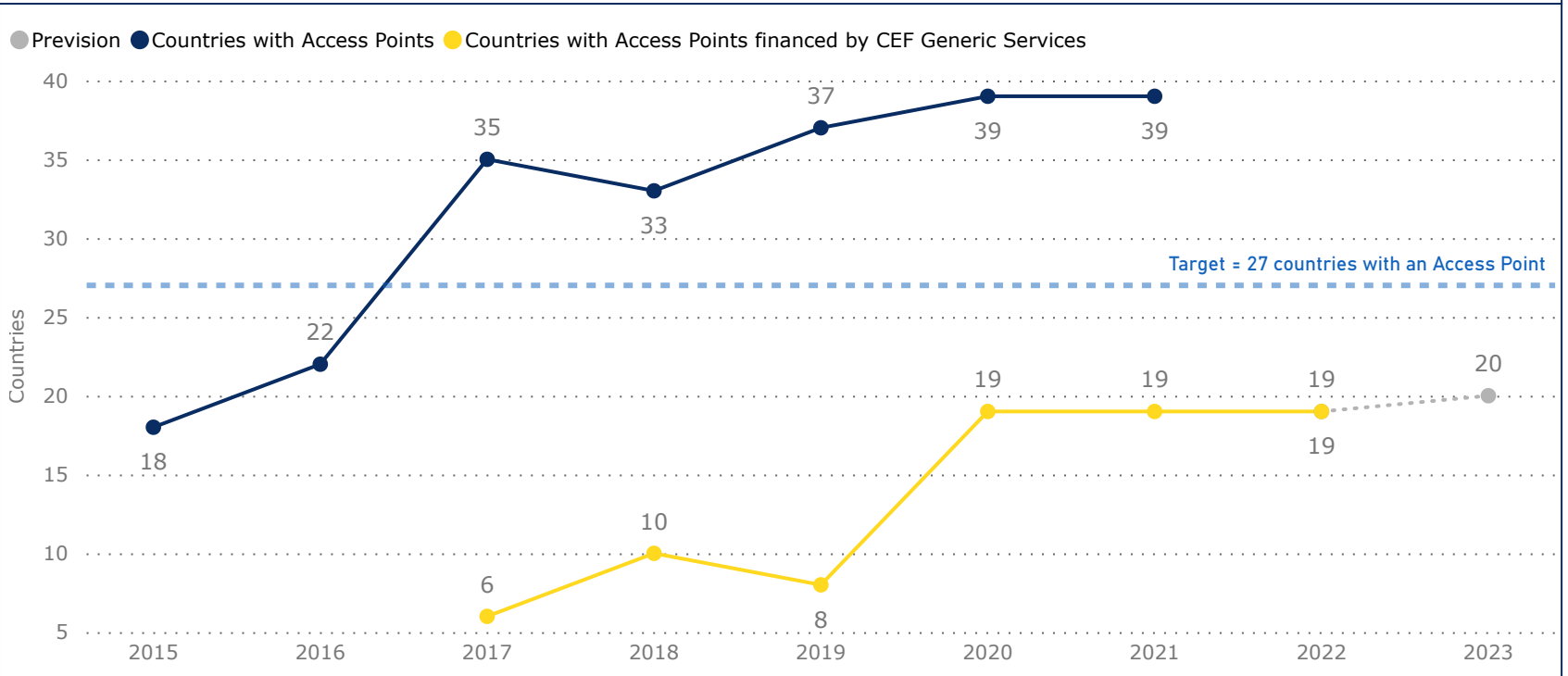
Indicators

eDelivery > Uptake > EU and EEA countries having deployed eDelivery Access Points

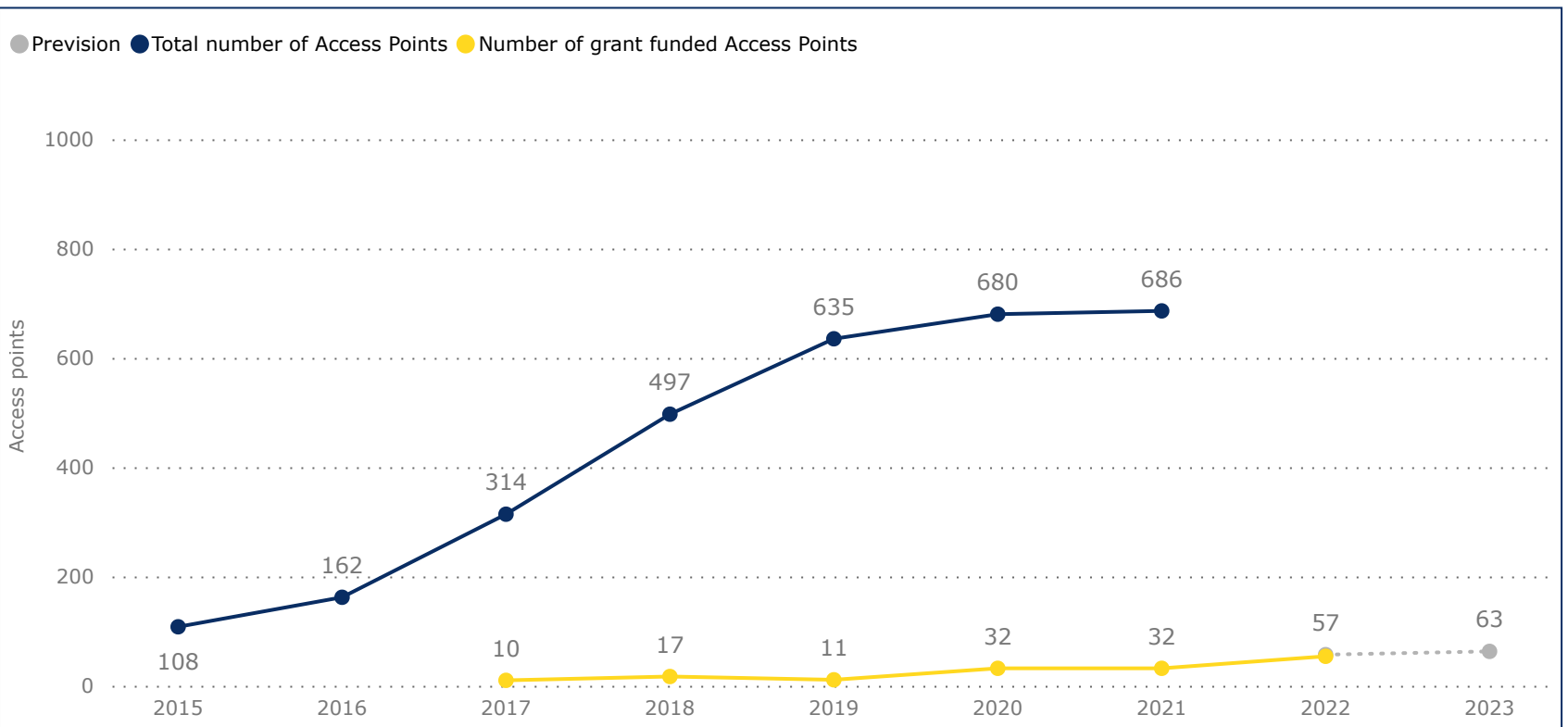
This indicator measures the number of **countries that report to the Commission that they have deployed eDelivery Access Points** at the time of yearly data collection. This includes access points implemented with any of the [conformant solutions](#).

Target

27 countries with at least one deployed Access Point, by the end of 2021.



i 1 additional country is expected to deploy at least one access point through Generic Services Projects by 2023.



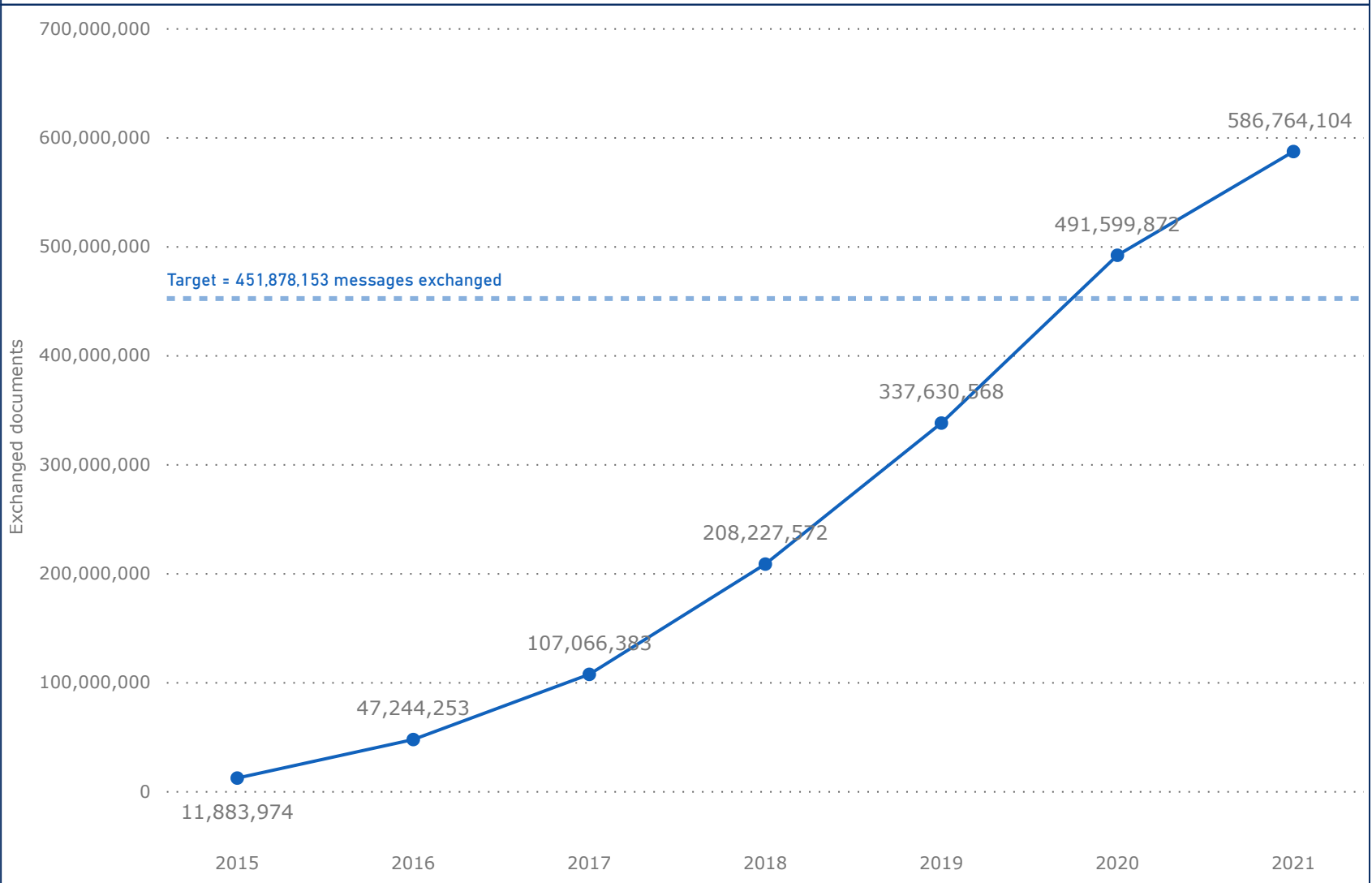
i 7 additional access points are expected to be deployed through Generic Services Projects by 2023.

eDelivery > Uptake > Exchanged documents sent through eDelivery Access Points

This indicator measures the number of **exchanged documents** sent through eDelivery Access Points. The baseline for this number is the first data collection in Q2 2015 (5,074,890 exchanged documents).

Target

451,878,153 messages exchanged, by the end of 2021.



eDelivery > Uptake > Sectors using eDelivery Access Points

This indicator measures the number of **sectors in which eDelivery Access Points are deployed** at the time of yearly data collection. This includes access points implemented with any of the [conformant solutions](#).

As the CEF funding of the Core Service platform came to an end in Q4 2021, the second column of the table below presents the state of play by Q4 2021. The monitoring of the Generic Services projects (the last column of the table below) presents the state of play by Q4 2022.

Sector	Sector covered by Access Point	Sector covered by CEF Generic Services project Access Point
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		●

 * 1 additional sector is expected to be covered by CEF Generic Services project eDelivery access points by 2023.

Target

7 sectors covered by CEF funded Access Points, by the end of 2021.

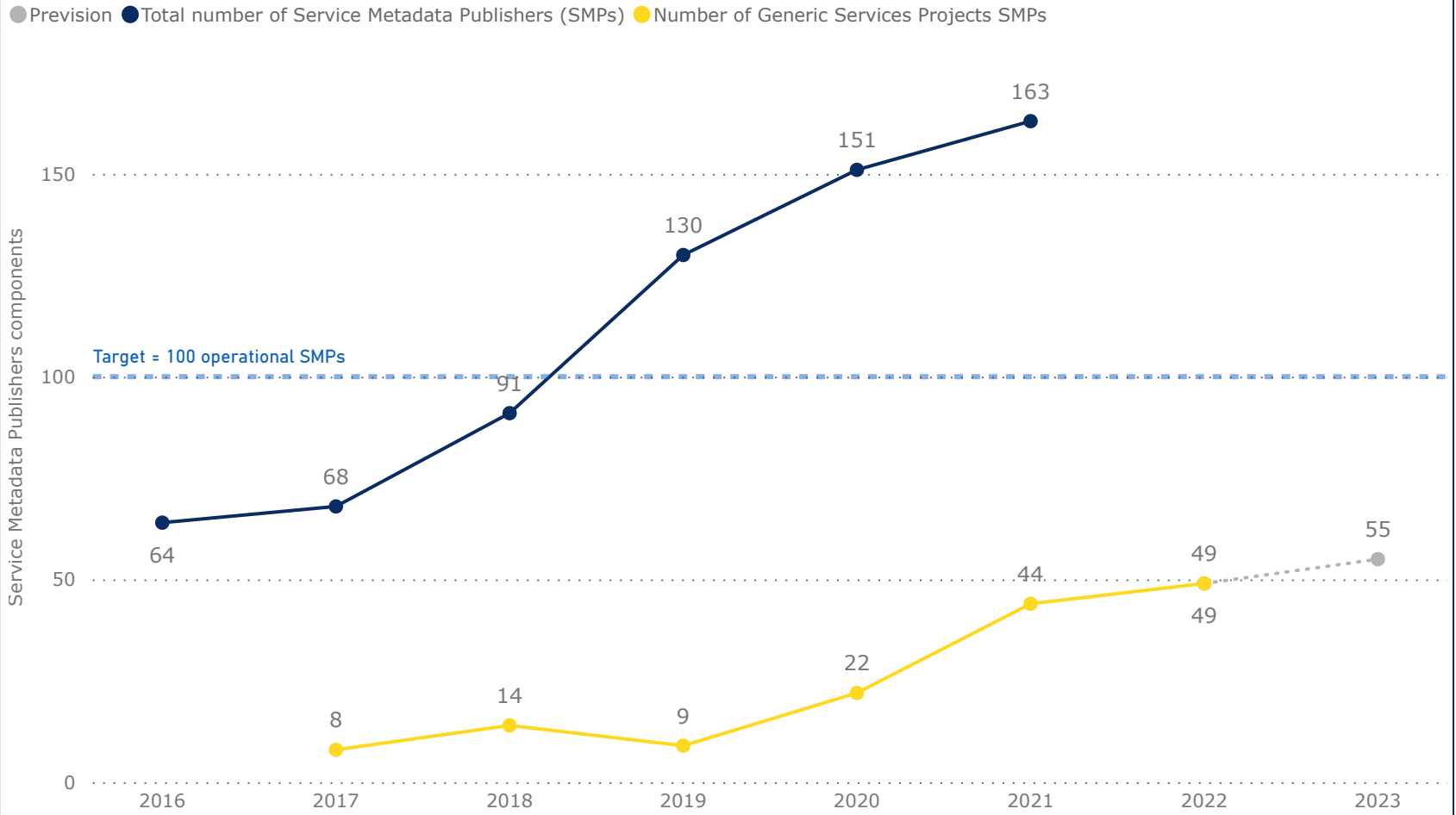


eDelivery > Uptake > Service Metadata Publishers deployed

This indicator measures the number of **Service Metadata Publishers (SMPs) components** deployed at the time of yearly data collection. This includes SMPs implemented with any of the [conformant solutions](#).

Target

100 operational Service Metadata Publishers (SMPs) components deployed, by the end of 2021.



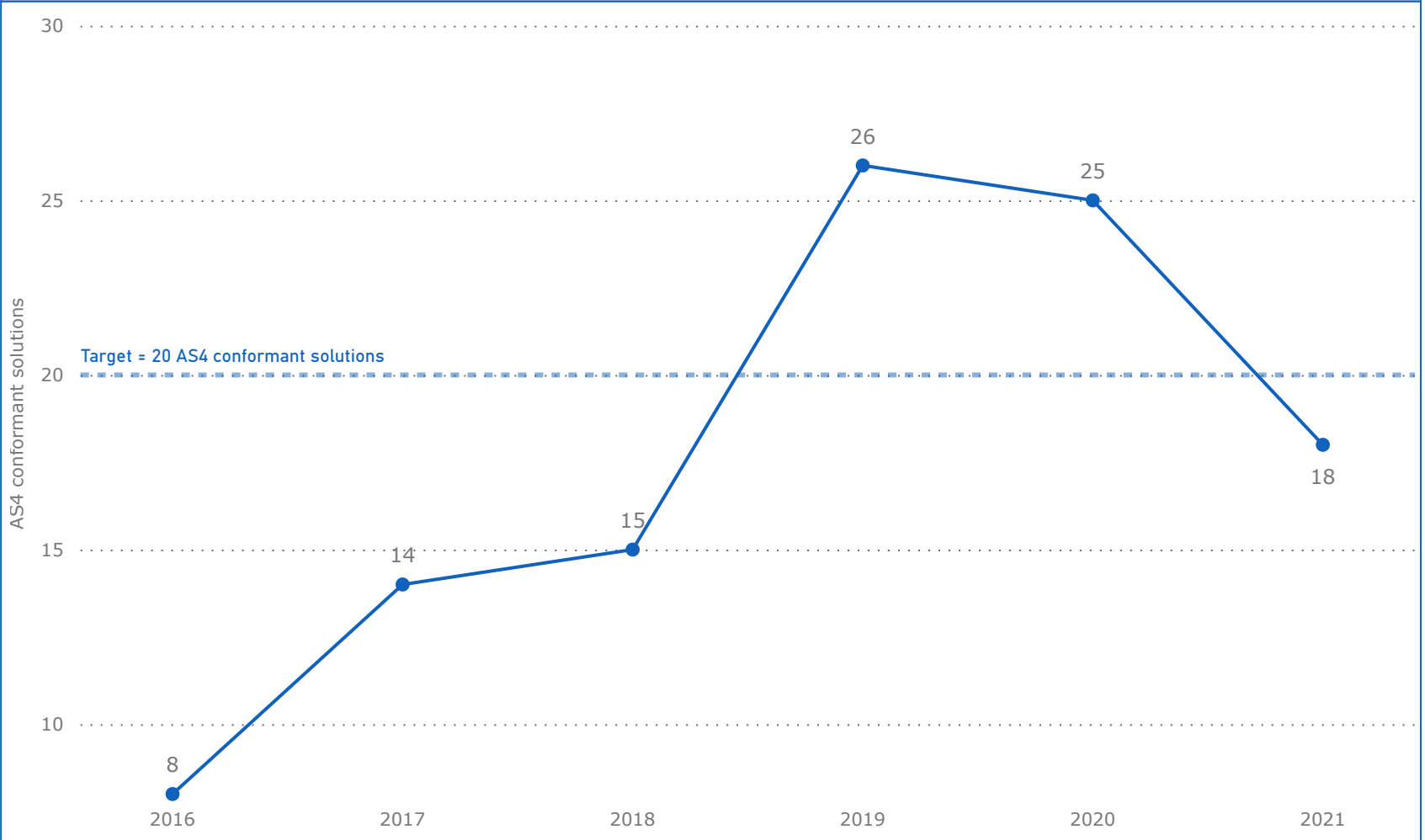
7 additional SMPs components are expected to be deployed through Generic Services Projects by 2023.

eDelivery > Uptake > Solutions compliant with the AS4 standard

This indicator measures the number of **AS4 conformant solutions** at the time of yearly data collection.

AS4 solutions that were conformant prior to the modularization of the AS4 profile will remain eDelivery AS4 conformant against the "Common Profile" and "Four Corner Profile Enhancement". Conformance to the other Profile Enhancements can be achieved by successfully passing all mandatory tests in the test group of the specific Profile Enhancement.

Target
20 AS4 conformant solutions, by the end of 2021.

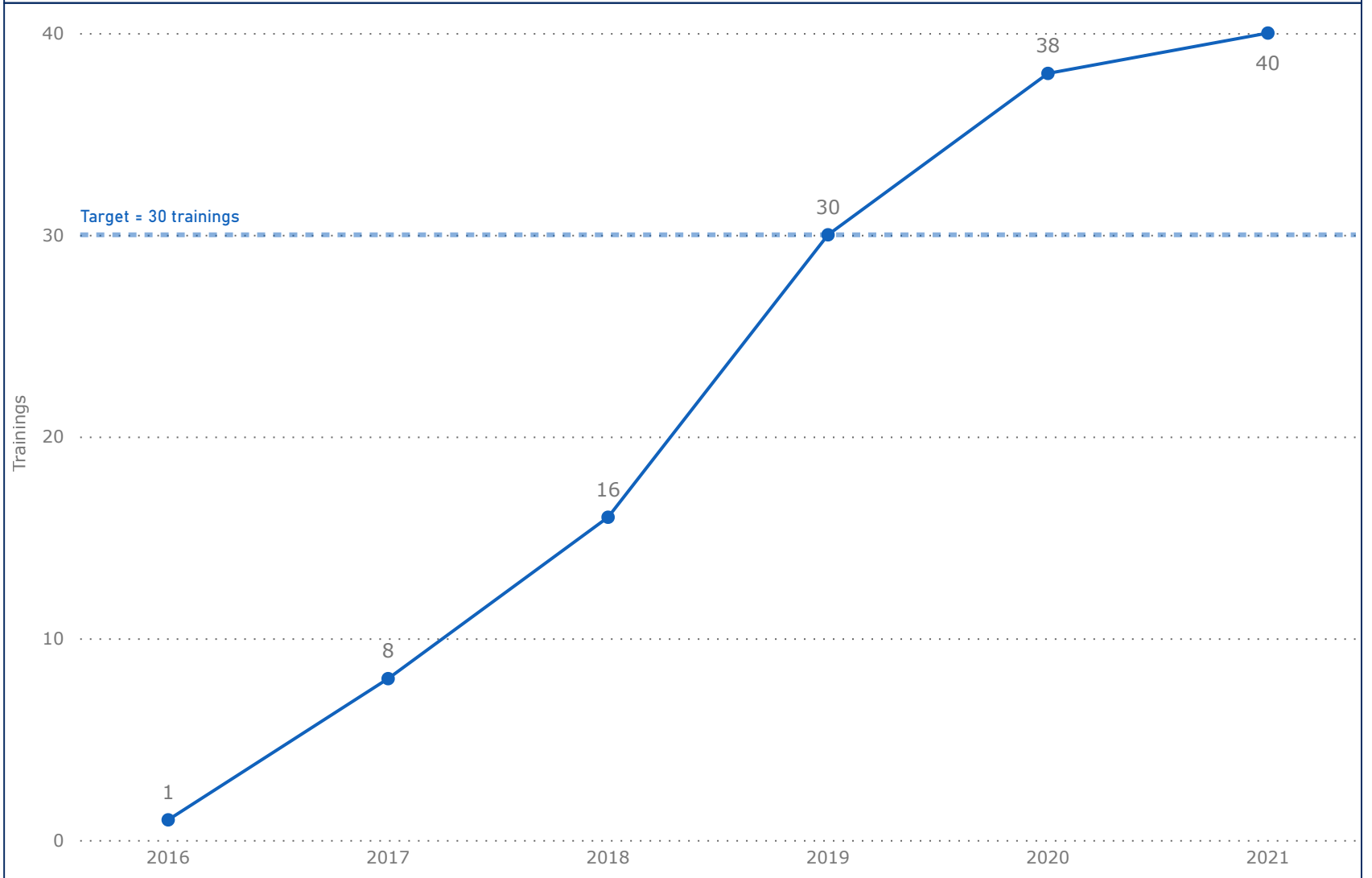




eDelivery > Uptake > Trainings provided by the European Commission to Public Administrations

This indicator measures the number of **trainings given** by the European Commission to Public Administrations in the EU and EEA countries associated to the programme. The baseline for this number is the first year of given trainings which is 2016 (1 training).

Target
30 trainings given by the European Commission to Public Administrations in the EU and EEA countries associated to the programme, by the end of 2021.



eDelivery Milestones

All the **eDelivery** 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
01. DOMIBUS 4.0.2	10 December 2018	11 February 2018	100	Completed
02. DOMIBUS 4.1 RC	24 September 2018	20 May 2019	100	Completed
03. DOMIBUS 4.1 FR	21 March 2019	31 July 2019	100	Completed
04. Domibus 4.1.2	17 September 2019	29 November 2019	100	Completed
05. DOMIBUS 4.2 RC	12 November 2019	21 September 2020	100	Completed
06. DOMIBUS 4.2 FR	22 September 2020	10 December 2020	100	Completed
07. DOMIBUS 4.2.1	15 January 2021	23 March 2021	100	Completed
08. DOMIBUS 4.2.2	25 March 2021	26 May 2021	100	Completed
09. DOMIBUS 4.2.3	23 July 2021	04 August 2021	100	Completed
10. DOMIBUS 4.2.4	23 August 2021	03 September 2021	100	Completed
11. DOMIBUS 4.2.5	13 October 2021	29 October 2021	100	Completed
12. DOMIBUS 4.2.6	13 October 2021	17 December 2021	100	Completed
13. SML 4.0 RC	26 November 2018	15 May 2019	100	Completed
14. SML 4.0 FR	26 November 2018	15 May 2019	100	Completed
15. SML 4.0.1	18 June 2019	02 October 2019	100	Completed
16. SMP 4.1.1	16 May 2019	10 October 2019	100	Completed
17. e-TrustEx Backend Plugin 1.1 RC	30 July 2018	01 March 2019	100	Completed
18. e-TrustEx Backend Plugin 1.1 FR	04 March 2019	30 April 2019	100	Completed
19. e-TrustEx Backend Plugin 1.2 RC	03 May 2019	20 February 2020	100	Completed
20. e-TrustEx Backend Plugin 1.2 FR	20 February 2020	31 March 2020	100	Completed