



Connecting public services across Europe: ambition and results so far

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Introduction to Connecting Europe Facility and CEF Digital

What are the CEF DSIs and CEF Building Blocks?

CEF eTranslation as a building block

CEF eTranslation uptake

How can you get involved?



Only 59% of Europeans can access 4G networks

90% of jobs will soon require digital skills

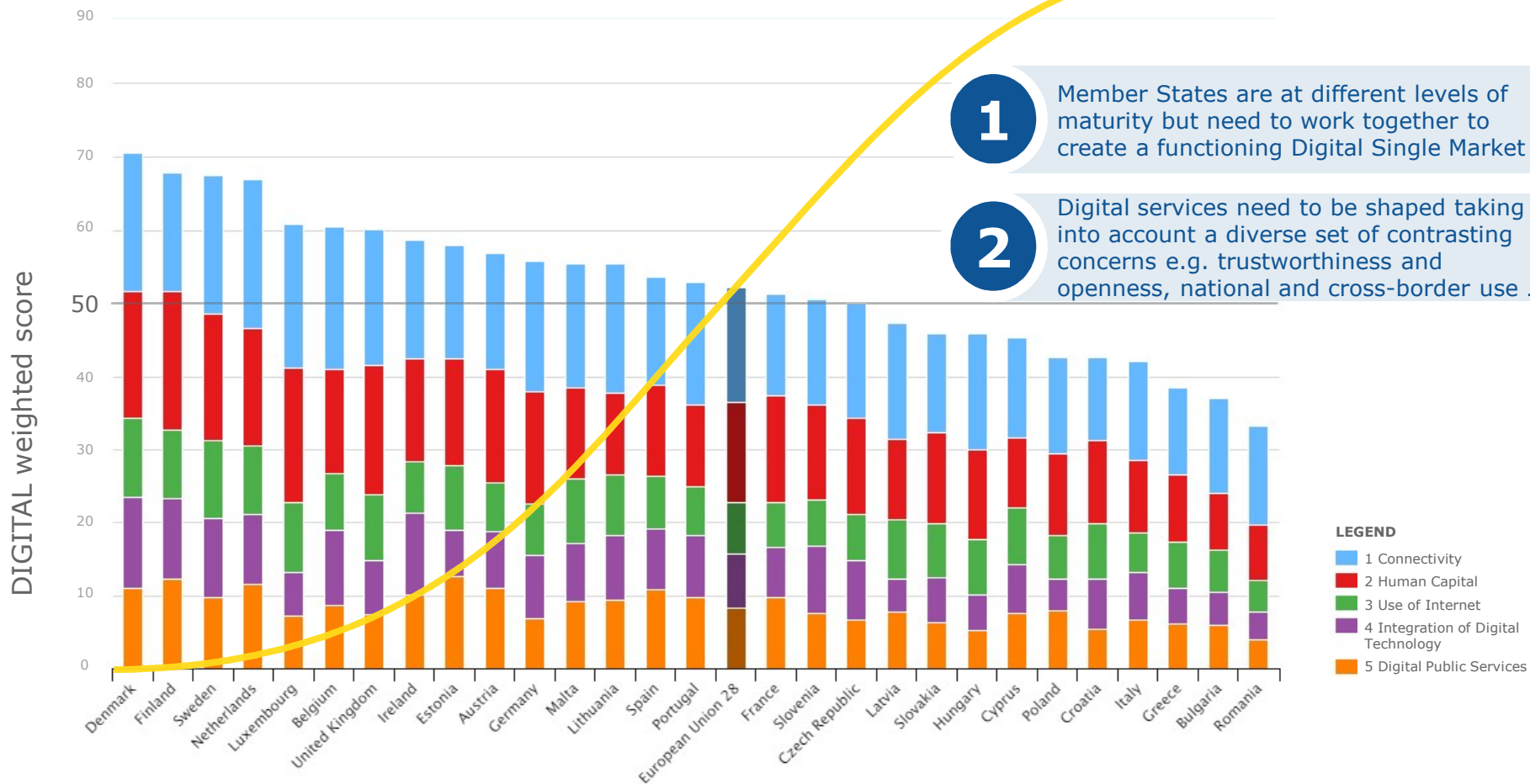
+ €11 billion in savings for consumers when shopping online

Small businesses could save €9,000 per market on legal and translation fees thanks to harmonised national laws in the EU

52% of cross-border purchases are blocked

Maximise economic potential, growth/jobs anticipated to be 415€ billion to EU economy

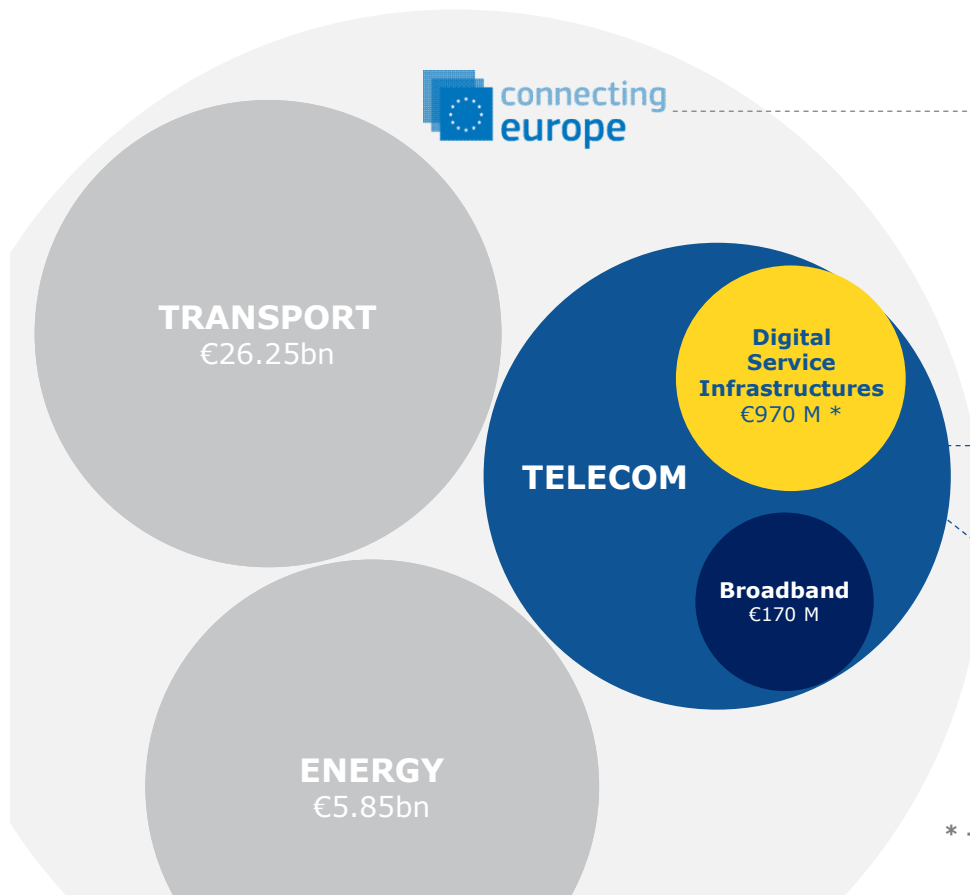
^ 100 Digital Economy and Society Index - 2017



1 Member States are at different levels of maturity but need to work together to create a functioning Digital Single Market

2 Digital services need to be shaped taking into account a diverse set of contrasting concerns e.g. trustworthiness and openness, national and cross-border use ...

The Connecting Europe Facility – funding programme 2014 -2020



CEF Regulation

The Connecting Europe Facility (CEF) is a regulation that defines how the Commission can finance support for the establishment of trans-European networks to reinforce an interconnected Europe.

CEF Telecom Guidelines

The CEF Telecom guidelines cover the specific objectives and priorities as well as eligibility criteria for funding of broadband networks and Digital Service Infrastructures (DSIs).

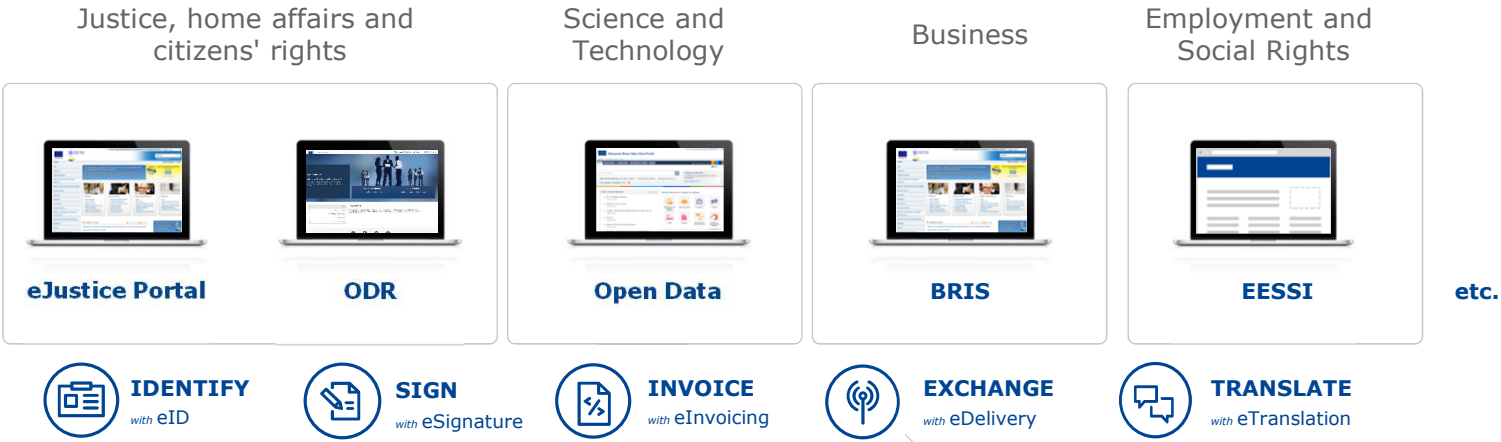
CEF Work Programmes

Translates the CEF Telecom Guidelines in general objectives and actions planned on a yearly basis.

* - 100 M Juncker Package

CEF Digital at a glance

Funding at EU LEVEL
(Commission)



Funding for the
MEMBER STATES



Typically 'deployment' projects
at national level
(up to 75% of eligible cost)

Creating a #DigitalSingleMarket sectorial platforms/websites (CEF DSIs)



BRIS

Citizens and business partners need legal certainty when doing business cross-border



ODR

Citizens need to solve disputes online across borders



eHealth

Citizens need to have online access to their patient summary when abroad



EESSI

Citizens need to get to enjoy their social security seamlessly and online when abroad



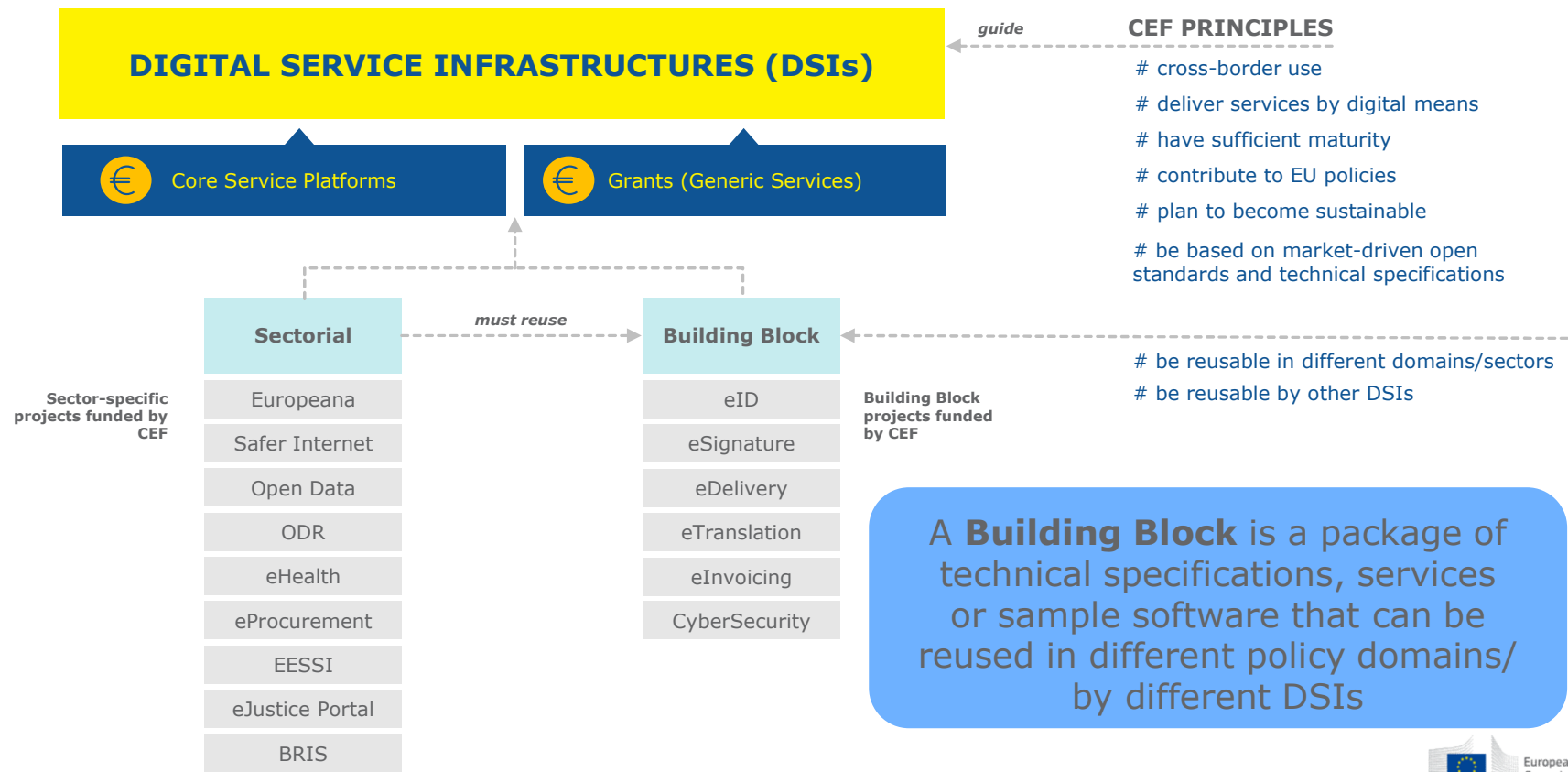
It also includes

e-Justice

Open Data

eProcurement

What are the fundamental characteristics of a CEF DSI?



eTranslation building block

- a central **machine translation service** run by Directorate-General for Translation (DGT)
- it provide machine translation services for public administrations and public online services in various domains/sectors
- it is available via a **web-user interface** and an **API**

eTranslation service is intended for the following types of users:

- **Service providers:** European and national public administrations interested in integrating machine translation in their digital services to guarantee their services are supported in all the official languages of the EU
- **Translators** in EU institutions and in national public administrations, to facilitate their day-to-day work
- **Non-translating staff** in EU institutions and in national public administrations to deal with documents in languages they do not master and facilitate cross-border information exchange

To learn more about CEF's Digital Service Infrastructures (DSIs)

DIGITAL SERVICE INFRASTRUCTURES (DSIs)

Services provided by the
EUROPEAN COMMISSION

Funding available to the
MEMBER STATES

<https://ec.europa.eu/cefdigital/>

<https://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding>

The screenshot shows the CEF Digital website homepage. At the top, there is a navigation bar with the European Commission logo, a search bar, and links for 'MENU' and 'COMMUNITY'. Below the navigation bar, the main heading reads 'CEF Digital' with the subtitle 'Part of the Connecting Europe Facility (CEF) programme - enabler of the Digital Single Market'. A 'Latest' section features a link to 'Read the Connecting Europe Success Stories!'. The 'CEF Building Blocks' section is highlighted, with the sub-heading 'Build your digital service faster and cheaper and create a European digital single market.' Below this, three columns of services are listed: eDelivery (Supporting electronic registered delivery of data and documents), eID (Extending the use of online services to citizens of other EU Member States), and eInvoicing (Helping public entities adopt the European standard on electronic invoicing). Other services listed include eSignature (Creating and verifying electronic signatures), eTranslation (Exchanging information across language barriers in the EU Member States), and About the building blocks (Learn more about the CEF building blocks).

The screenshot shows the INEA website page for the 2017 CEF Telecom Call - eTranslation (CEF-TC-2017-3). The page header includes the INEA logo and navigation links for 'HOME', 'CONNECTING EUROPE FACILITY', 'HORIZON 2020', 'TEN-T', 'MARCO POLO', 'NEWS & EVENTS', and 'ABOUT US'. The main heading is '2017 CEF Telecom Call - eTranslation (CEF-TC-2017-3)'. The text below the heading states: 'The 2017-3 CEF Telecom eTranslation makes an indicative €6 million of funding available for proposals in this area. For any specific questions concerning the call, please check the call FAQ or contact the call Helpdesk until 14 November. The CEF Telecom 2017-3 call virtual Info Day will take place on 12 September 2017. 2017 CEF Telecom Calls'. Below this, there is a table titled 'Indicative Call Timeline' and a 'Work Programme' section.

Indicative Call Timeline	
Call opening	28 June 2017
Deadline for submission	28 November 2017
Evaluation of proposals	December 2017 - February 2018
Consultation of the CEF Committee	March 2018
Information to the European Parliament	March 2018
Adoption of the Selection Decisions	April 2018
Adoption of individual grant agreements	by end of August 2018

Work Programme

EN 2017 CEF Telecom Work Programme	Available here
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Open Data DSI

<https://www.europeandataportal.eu>

CORE SERVICE
PLATFORM

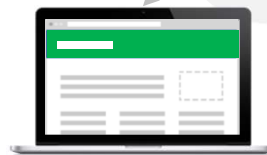


EUROPEAN
DATA PORTAL



Internet

GRANTS



CITY



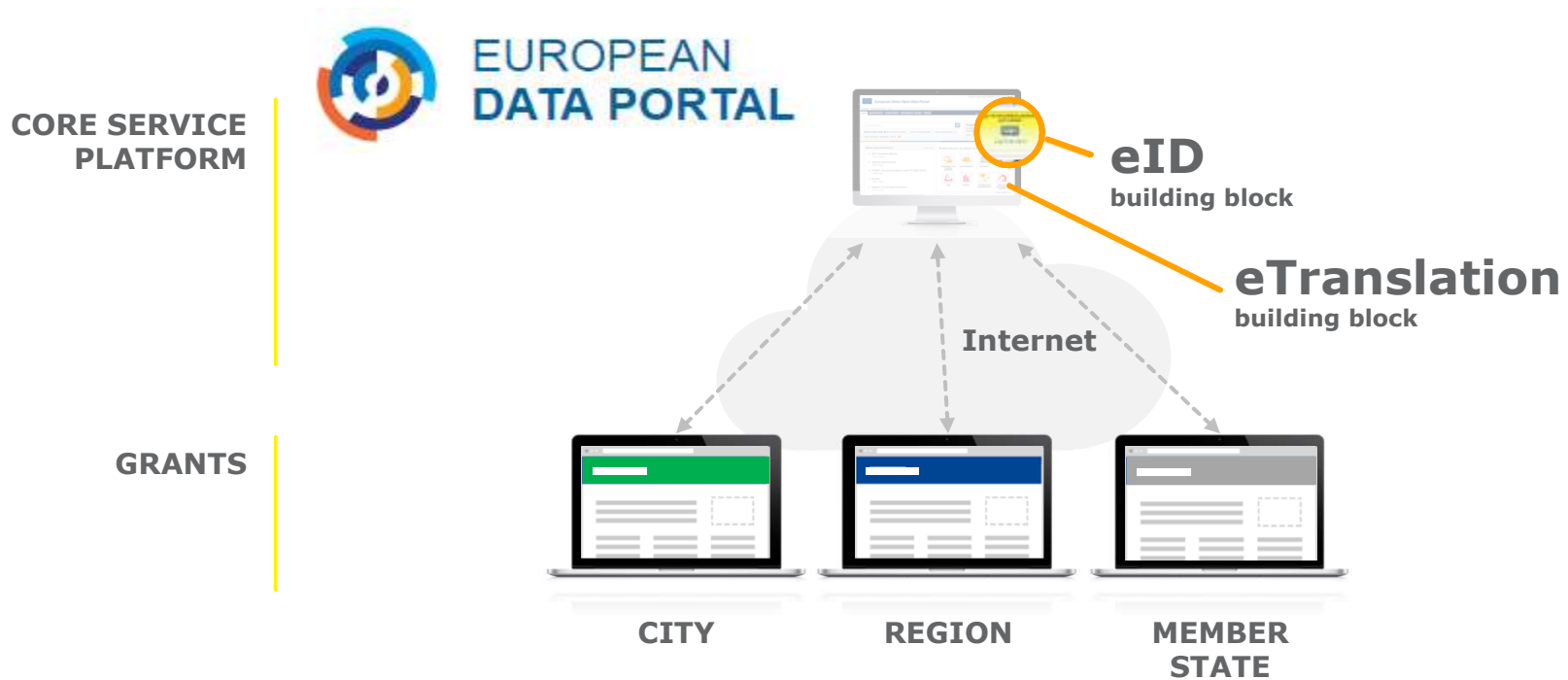
REGION



MEMBER
STATE

Open Data reuses eID and eTranslation

REUSE OF BUILDING BLOCKS



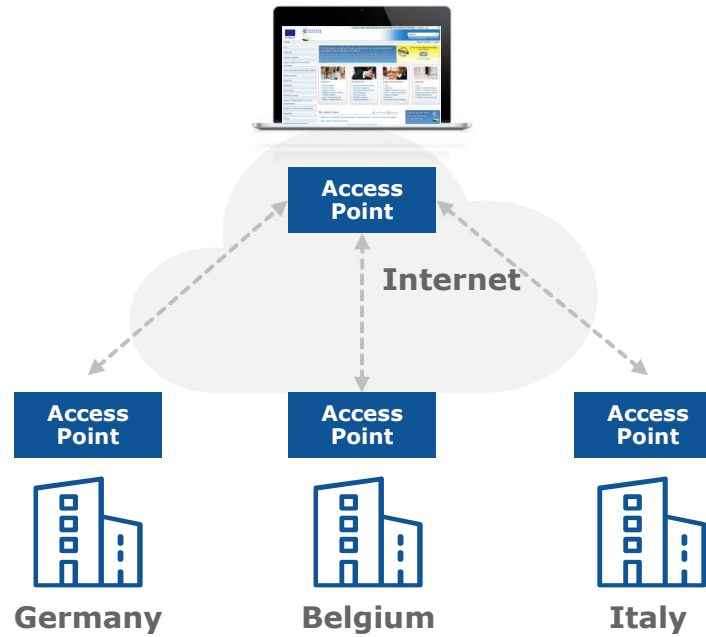
eJustice DSI

<https://e-justice.europa.eu>

CORE SERVICE
PLATFORM

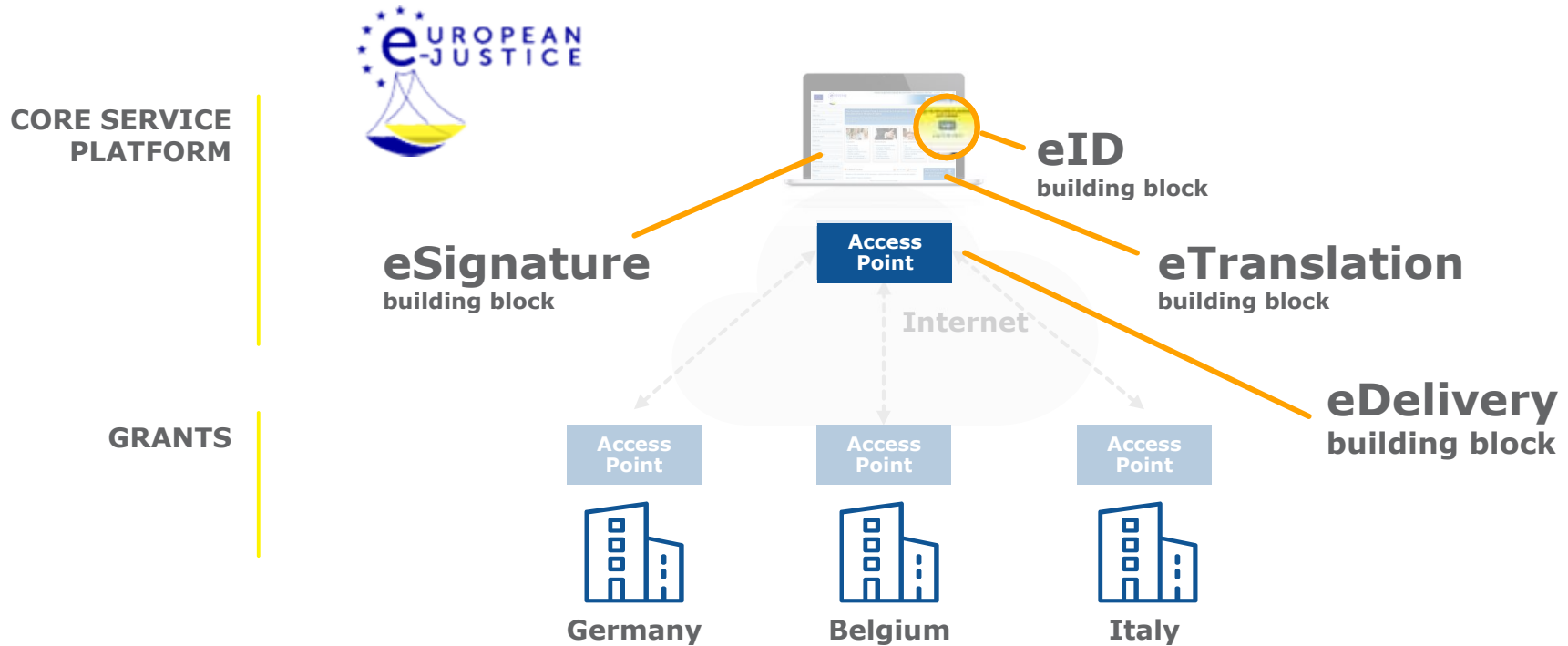


GRANTS



eJustice reuses eID, eTranslation, eSignature and eDelivery

REUSE OF BUILDING BLOCKS



Uptake of eTranslation in [EU Member States]/[your Member State] - individual users external to the EU Institutions

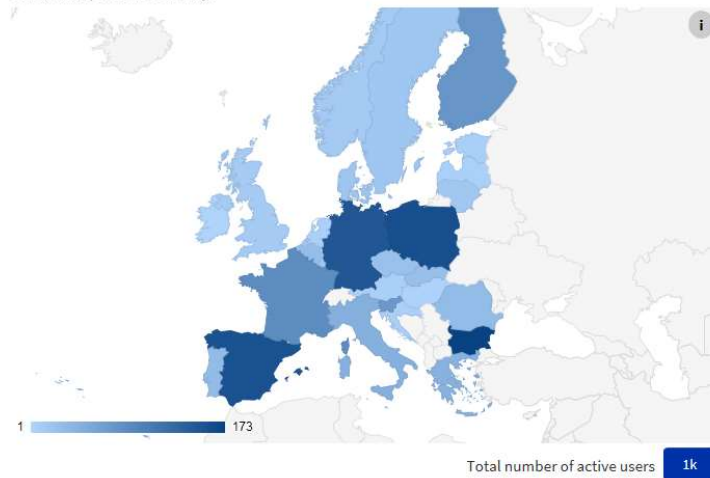
eTranslation

Deployment

Last updated on: 27/06/2017 at 8:11

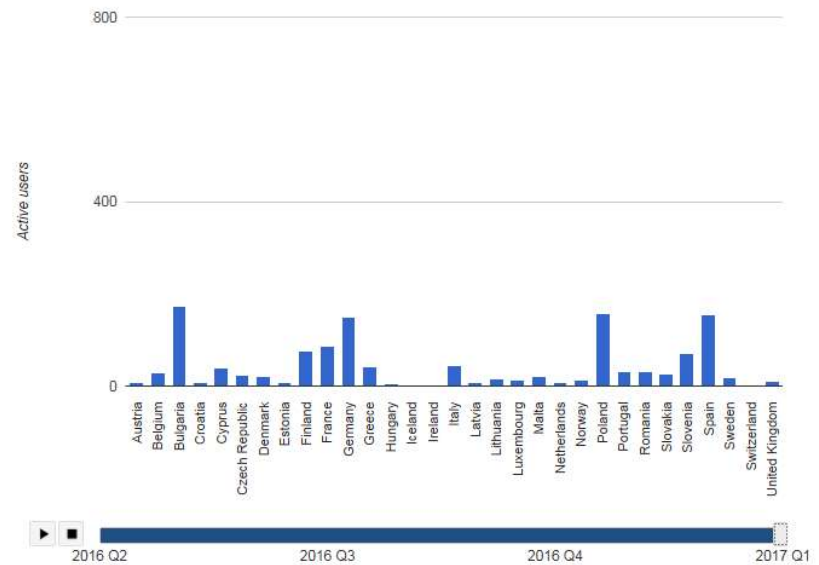
Number of active users per country

Number of active (human) users who have submitted at least one request to the MT@EC service. These figures do not include requests from websites or from users belonging to European Institutions. Countries with more active users are coloured darker. Click on a country to view information regarding uptake of CEF DSIs in that particular country.



Evolution of the total number of active users

This chart shows the numbers of active users per country. Each bar represents the number of active users for a single Member State or associated country at the selected quarter. The evolution can be seen by moving the slider to change the displayed quarter or by using the play button.



Reuse of building blocks within the CEF Programme (CEF DSIs core platforms)

Sector Specific DSIs		eDelivery	eSignature	eID	eTranslation	eInvoicing
Europeana	DG CONNECT					
Safer internet	DG CONNECT					
Public open data	DG CONNECT					
ODR	DG JUST					
eHealth	DG SANTE					
eProcurement	DG GROW					
EESSI	DG EMPL					
EU e-Justice portal	DG JUST					
BRIS (ECP)	DG JUST					
Cybersecurity	DG CONNECT					
eTranslation	DGT					
eInvoicing	DG GROW					

■ Commitment to analyse
■ Commitment to reuse
■ Reusing

VISIT:
<https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Reuse+-+CEF>

CEF DSIs connected to/committed to reuse* MT@EC/eTranslation

CEF DSI	Description/URL/use
EDP	European Data Portal: the pan-European Open Data Portal facilitating access to open datasets https://www.europeandataportal.eu/ → <i>metadata translation</i>
ODR	The Online Dispute Resolution platform for resolution of online contractual disputes between consumers and traders https://ec.europa.eu/consumers/odr/ → <i>free-text message exchange</i>
e-Justice	A portal which is a single point of access to law, enabling EU judicial cooperation https://e-justice.europa.eu/ → <i>translate documents pending human translation</i>
EESSI*	Platform for Electronic Exchange of Social Security Information between 32 countries (EU+EFTA) → <i>free-text message exchange</i>

examples of **online services** connected to MT@EC/eTranslation

Service	Description/URL/use
IMI	Internal Market Information System – an intranet for more than 7000 public administrations in the EU Member States http://ec.europa.eu/internal_market/imi-net/index_en.htm → <i>free-text message exchange</i>
SOLVIT	An on-line problem solving network concerning misapplication of Internal Market law by public authorities http://ec.europa.eu/solvit/ → <i>free-text message exchange</i>
nLex	A common gateway to National Law http://eur-lex.europa.eu/n-lex/ → <i>translation of queries</i>
CircaBC	Communication and Information Resource Centre for Administrations, Businesses and Citizens (collaborative spaces) https://circabc.europa.eu/ → <i>translation of documents</i>
TED	Tender Electronic Daily http://simap.europa.eu/enotices/changeLanguage.do?language=en → <i>translation of tender notices</i>

VISIT: <https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Reuse+++nonCEF>

eTranslation API use in cross-border projects funded by CEF

- eTranslation will power a **cross-border e-Procurement platform** interconnecting 4 eProcurement platforms in Slovakia, Slovenia, Germany and Croatia
- eTranslation will be integrated into a **Translation Toolkit provided to the hosting countries of the EU Presidency** events in 2017-2018 and beyond
- eTranslation will be powering a **platform where other MT Providers supply domain adapted machine translation services** to a wider user base
- several "Open Data DSI" projects plan to use eTranslation API for the translation of static content as well as real-time translation of dynamic content such as search specification, search results, meta data records

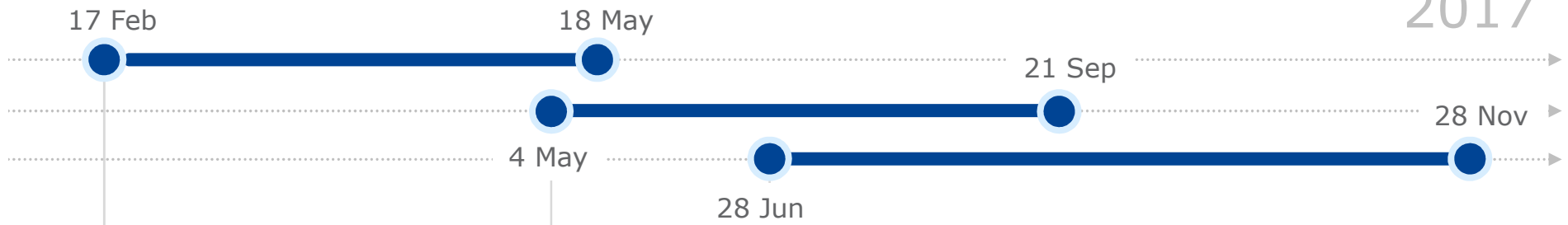
VISIT: <https://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/cef-telecom-projects>

CEF eTranslation - how can you get involved?

- Try using **MT@EC/eTranslation web interface!**
- **Integrate eTranslation API** in your online public service
- Share with us your requirements and needs!
→ contact: CEF-AT@ec.europa.eu
- Help us improve the service by **providing data**: www.lr-coordination.eu!
- Engage in **collaborative projects** (co-funded by EC at 75% of eligible costs):
 - "resources projects" on stimulating language resource provision to eTranslation
 - "integration projects" on the integration of eTranslation into (multilingual, cross-border) digital services
 - More information: <https://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2017-cef-telecom-calls-proposals>
 - CEF WP 2017:
https://ec.europa.eu/inea/sites/inea/files/c_2017_696_f1_annex_en_v3_p1_875665.pdf

Connect your public online services with a CEF grant

2017



CALL 1

Budget

Business Registers Interconnection System (BRIS)	€2 mln
Exchange of Social Security Information (EESSI)	€17 mln
European eJustice Portal	€1.5 mln
eIdentification and eSignature	€7 mln

CALL 2

Budget

eDelivery	€0.5 mln
Cyber Security	€12 mln
eProcurement	€4 mln
eHealth	€9 mln

CALL 3

Budget

eTranslation	€6 mln
Public Open Data	€6 mln
eInvoicing	€10 mln
Europeana Generic Services	€2 mln

Thank you!

Contact us



CEF-AT@ec.europa.eu

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Alternative slides

CEF DSIs using*/planning to use MT@EC/eTranslation

Europeana	The digital European Library, common, multilingual access point to digital resources of European heritage.
European Data Portal*	The pan-European Open Data Portal for accessing open data infrastructures distributed over a EU and MS data repositories.
EESSI	The Electronic Exchange of Social Security Information, a platform between 32 countries (EU+EFTA).
ODR*	Resolution of online contractual disputes between consumers and traders, linking all national Alternative Dispute Resolution (ADR)
e-Justice*	A portal which is a single point of access to law, enabling EU judicial cooperation.
Safer Internet	Services to make Internet a trusted environment for children.

Online services connecting to the MT@EC

IMI	Internal Market Information System – an intranet for more than 7000 public administrations in the EU Member States Free-text message exchange
SOLVIT	An on-line problem solving network concerning misapplication of Internal Market law by public authorities Free-text message exchange
nLex	A common gateway to National Law Translate results of queries
CircaBC	Communication and Information Resource Centre for Administrations, Businesses and Citizens (collaborative spaces) Translate documents

What does CEF Digital finance?

DIGITAL SERVICE INFRASTRUCTURES (DSIs)

Funding for the
EUROPEAN COMMISSION

Funding for the
MEMBER STATES



CORE SERVICE PLATFORM

Services offered by the European Commission

SECTORIAL



eJustice Portal



EU Open Data Portal

...

BUILDING BLOCKS

eInvoicing



eSignature



eDelivery



eID



eTranslation



GRANTS

Projects in the Member States





e-justice.europa.eu

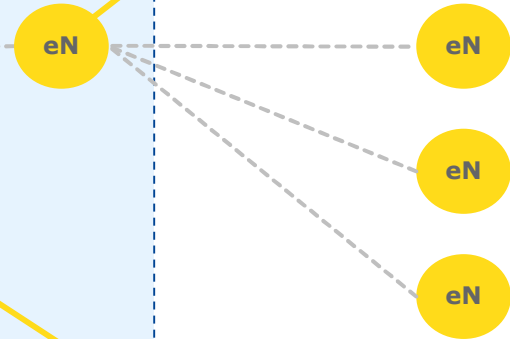
eTranslation
Multiple Languages

eDelivery
Send documents securely



Access Point

eID
Strong Authentication



eSignature
Sign and validate eSignatures

Trusted Lists

Access Point

Germany

Access Point

Italy

Access Point

Greece



e-justice.europa.eu

eTranslation
Multiple Languages

eDelivery
Send documents securely

Internal Dimension



Access Point

External Dimension

Access Point

Germany

Access Point

Italy

Access Point

Greece

eID
Strong Authentication

eN

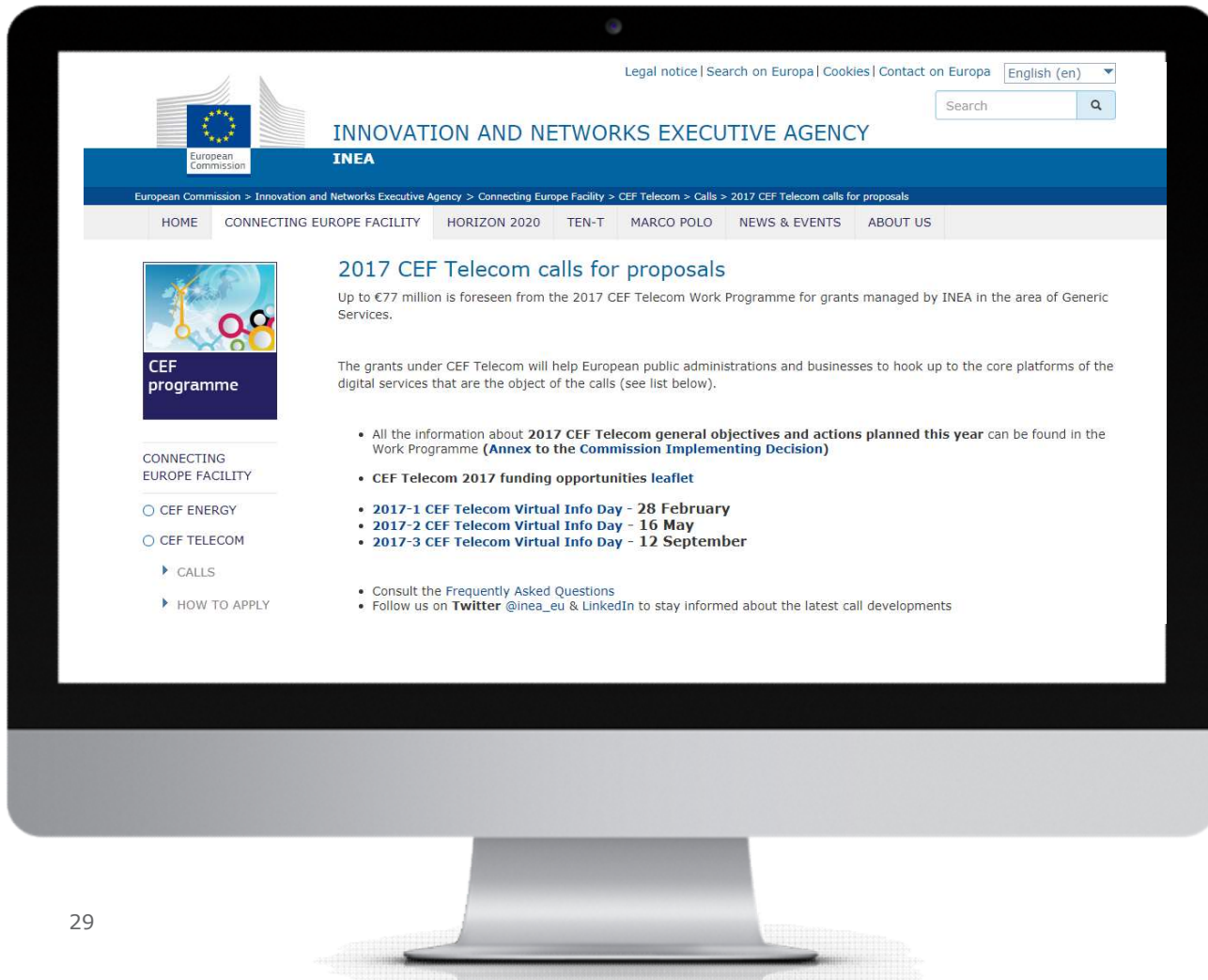
eN

eN

eN

eSignature
Sign and validate eSignatures

Trusted Lists



<https://ec.europa.eu/inea/>