Connecting public services across Europe: ambitions and results so far

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Overview

- Introduction to Connecting Europe Facility and CEF Digital
- What are the CEF DSIs and CEF Building Blocks?
- CEF Automated Translation
- CEF eTranslation uptake
- How can you get involved?
Maximise economic potential, growth/jobs anticipated to be €415 billion to EU economy.

- Only 59% of Europeans can access 4G networks.
- 90% of jobs will soon require digital skills.
- Small businesses could save €9,000 per market on legal and translation fees thanks to harmonised national laws in the EU.
- + €11 billion in savings for consumers when shopping online.
- 52% of cross-border purchases are blocked.
Digital Economy and Society Index – 2018

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 ...

LEGEND
- 1 Connectivity
- 2 Human Capital
- 3 Use of Internet
- 4 Integration of Digital Technology
- 5 Digital Public Services
The Connecting Europe Facility (CEF) 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 define objectives and priorities as well as eligibility criteria for funding of broadband networks and Digital Service Infrastructures (DSIs).

**CEF Work Programmes**
A work programme translates the CEF Telecom Guidelines into general objectives and actions planned on a yearly basis.

* - 100 M Juncker Package
Typically 'deployment' projects at national level (up to 75% of eligible cost)
It also includes

**e-Justice**

**Open Data**

**eProcurement**
What are the fundamental characteristics of a CEF DSI?

DIGITAL SERVICE INFRASTRUCTURES (DSIs)

Core Service Platforms

Grants (Generic Services)

Sectorial
- Safer Internet
- Europeana
- Open Data
- ODR
- eHealth
- eProcurement
- EESSI
- eJustice Portal
- BRIS

Building block
- eID
- eSignature
- eDelivery
- eTranslation
- eInvoicing
- CyberSecurity

Sector-specific projects funded by CEF

Building Block projects funded by CEF

A **Building Block** is a package of technical specifications, services or sample software that can be reused in different policy domains by different DSIs.

**CEF PRINCIPLES**
- # cross-border use
- # deliver services by digital means
- # have sufficient maturity
- # contribute to EU policies
- # plan to become sustainable
- # be based on market-driven open standards and technical specifications
- # be reusable by other DSIs
- # be reusable in different domains/sectors
CEF Automated Translation building block today

**eTranslation service:**
- a central **machine translation service** run by Directorate-General for Translation (DGT)
- machine translation between 24 official EU languages, Icelandic and Norwegian (Bokmål)
- a machine translation service for public administrations and public online services in various domains/sectors
- available via a **web-user interface** and an **API**
- intended for the following types of users:
  - **online service providers** in European and national public administrations
  - **translators** in EU institutions and in national public administrations
  - **non-translating staff** in EU institutions and in national public administrations

**ELRC-SHARE repository** [https://elrc-share.eu/]:
- repository of language resources needed to develop multilingual systems and services
- language resource sharing infrastructure
- part of the broad Europe-wide effort on **European Language Resource Coordination**
[www.lr-coordination.eu](http://www.lr-coordination.eu)
Open Data Digital Service Infrastructure

https://www.europeandataportal.eu
Open Data reuses eID and eTranslation

Reuse of building blocks

CORE SERVICE PLATFORM

GRANTS

CITY
REGION
MEMBER STATE

eID

eTranslation

Internet
eJustice Digital Service Infrastructure

https://e-justice.europa.eu
eJustice reuses eID, eTranslation, eSignature and eDelivery

Reuse of building blocks

CORE SERVICE PLATFORM

GRANTS

Access Point

Access Point

Access Point

Germany
Belgium
Italy
Reuse of building blocks within the CEF Programme by sector specific DSIs

**sector specific DSIs**
- 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 GROW
- Cybersecurity: DG CONNECT
- eTranslation: DGT
- eInvoicing: DG GROW

**VISIT:**
https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Reuse++CEF
# CEF DSIs connected to eTranslation

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

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<td>IMI</td>
<td>Internal Market Information System – an intranet for more than 7000 public administrations in the EU Member States <a href="http://ec.europa.eu/internal_market/imi-net/index_en.htm">http://ec.europa.eu/internal_market/imi-net/index_en.htm</a> → free-text message exchange</td>
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**VISIT:** [https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Reuse++nonCEF](https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Reuse++nonCEF)
eTranslation API use in cross-border projects funded by CEF

- eTranslation powers a **cross-border e-Procurement platform** interconnecting 3 eProcurement platforms in Slovakia, Slovenia and Croatia
  - Connected systems: [https://www.eks.sk/](https://www.eks.sk/), [https://www.enarocanje.si/](https://www.enarocanje.si/) and [https://eojn.nn.hr](https://eojn.nn.hr)

- eTranslation is integrated into a **Translation Toolkit provided to the hosting countries of the EU Presidency** events
  - It was used during the Estonian EU Council Presidency

- eTranslation will power a **IADAATPA** platform where other MT Providers supply domain adapted machine translation services to a wider user base

- eTranslation will be used by **several "Open Data DSI" projects** for the translation of static content as well as real-time translation of dynamic content such as search specification, search results, meta data records

Uptake of eTranslation in EU Member States - individual users external to the EU Institutions

**VISIT:**
https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Uptake---view+eTranslation
CEF Automated Translation - how to get involved?

- Use eTranslation's web interface!
- Integrate eTranslation's API in your online public service!

- **Share with us your requirements and needs:** today or contact: CEF-AT@ec.europa.eu

- Engage with *European Language Resource Coordination*: www.lr-coordination.eu!

- Engage in **collaborative projects** (co-funded by EC at 75% of eligible costs):
  - Language resource projects: projects for facilitating language resource identification, processing and collection in the Member States
  - Integration projects: to make online services multilingual with existing technology

More about CEF DSIs

**CEF Digital portal**
services offered by EC

[https://ec.europa.eu/cefdigital](https://ec.europa.eu/cefdigital)

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**INEA website**
grants available to Member States
