Connecting public services across Europe: ambition and results so far

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Introduction to Connecting Europe Facility

CEF Automated Translation as a building block

CEF Automated Translation uptake

Multilingualism in the next Multiannual Financial Framework
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
What are the fundamental characteristics of a CEF DSI?

**DIGITAL SERVICE INFRASTRUCTURES (DSIs)**

- **EU-level coordination Core Services** (100% funding)
- **Member States can connect to core services Generic Services** (Up to 75% funding)

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

**Building Block**
- eID
- eSignature
- eDelivery
- **eTranslation**
- eInvoicing
- CyberSecurity

**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 in different domains/sectors
- # be reusable by other DSIs

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

**e-Justice**

Open Data
eProcurement

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**CEF Automated Translation:**

A multilingualism enabler for public online services

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**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
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
• **Fully Neural** based Machine Translation (24 into EN and vice-versa)
• **Secured**
• “Public Health” **domain specific engines**
• Translation usage:
  • 19 Mio pages in 2017
  • 29 Mio pages Q1-Q3 2018
• 51 Web service clients connected: including 10 DSIs or INEA grants.
• **Language Resources**
  • 465 available on 10/18  
    (225 in 4/17; 392 in 4/18; 441 in 9/18)
• LR Workshops 2018 still to go: Budapest, Oslo, Praha, Riga, Nicosia, Zagreb
• **Now available to all CEF member states public services**
## Reuse of building blocks within the CEF Programme (CEF DSIs core platforms)

### Sector Specific DSIs

<table>
<thead>
<tr>
<th></th>
<th>eDelivery</th>
<th>eSignature</th>
<th>eID</th>
<th>eTranslation</th>
<th>eInvoicing</th>
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<tr>
<td>Europeana</td>
<td>DG CONNECT</td>
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<td>Safer internet</td>
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<td>Public open data</td>
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<td>EU e-Justice portal</td>
<td>DG JUST</td>
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<td>BRIS (ECP)</td>
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<td>Cybersecurity</td>
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**Visits:**
- [https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Reuse+CEF](https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Reuse+CEF)
Other online services connecting to the eTranslation

<table>
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<tr>
<th>Service</th>
<th>Description</th>
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<tr>
<td>IMI</td>
<td><strong>Internal Market Information System</strong> – an intranet for more than 7000 public administrations in the EU Member States. <strong>Free-text message exchange</strong></td>
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<tr>
<td>SOLVIT</td>
<td><strong>An on-line problem solving network concerning misapplication of Internal Market law by public authorities</strong>. <strong>Free-text message exchange</strong></td>
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<tr>
<td>nLex</td>
<td><strong>A common gateway to National Law</strong>. <strong>Translate results of queries</strong></td>
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<td>CircaBC</td>
<td><strong>Communication and Information Resource Centre for Administrations, Businesses and Citizens (collaborative spaces)</strong>. <strong>Translate documents</strong></td>
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<tr>
<td>TED</td>
<td><strong>Tender Electronic Daily</strong>. <strong>Translation of tender notices</strong></td>
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To learn more about CEF's Digital Service Infrastructures (DSIs)

[Image: DIGITAL SERVICE INFRASTRUCTURES (DSIs)]

Services provided by the EUROPEAN COMMISSION

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

Funding available to the MEMBER STATES

Multilingualism in the next Multiannual Financial Framework
MULTILINGUALISM IN NEXT MFF

in Horizon Europe

in Digital Europe Programme

R&I

- Support research to achieve
digital language transparency
- Support Language
  Preservation

CAPACITY & DEPLOYMENT

- Support deployment of
  Language Technologies
- Modernise public administrations
  and areas of public interest

State of the art technology
R&I priorities; data; infrastructure to support R&I
Support deployment of Language Technologies

Why: Increase EU competitiveness in a key technology

How: Provide language data and tools to public and private sector; foster collaboration

Impact: Public and private sector, including SMEs

Where?

Artificial Intelligence

European data spaces, European libraries of algorithms
Support the modernisation of public administrations and areas of public interest

Why: offer EU citizen access to information in any language

How: Provide languages technology enablers

Impact: Public administrations, areas of public interest, SMEs.

Where?

Deployment, best use of digital capacities and Interoperability

Modernisation of administrations
MULTILINGUALISM IN NEXT MFF

in Horizon Europe
Digital & Industry

Support research to achieve digital language transparency

Why: EU competitiveness and independence to external technology providers

How: Innovate in Language Technologies

Impact: keep EU Researchers Lower barriers in DSM

Where?

Next Generation Internet
Human-centric

Human-centric Internet applications
Support Language Preservation

Why: Most European languages are at risk of digital extinction
How: Collect language resources
Impact: Digital Humanities and Language Technologies

Where?
Cultural Heritage

MULTILINGUALISM IN NEXT MFF
in Horizon Europe
Inclusive & Secure Society
CEF eTranslation - how can you get involved?

Try using **eTranslation web interface**!

**Integrate eTranslation API** in your online public service

Share with us your requirements and needs!

→ contact: CEF-AT@ec.europa.eu
→ eTranslation Service Desk: help@cefat-tools-services.eu

Help us improve the service by **providing data**:
www.lr-coordination.eu

Engage in **collaborative projects** (co-funded by EC at 75%):
- "resources projects" on stimulating language resource provision to eTranslation
- "integration projects" on the integration of eTranslation into (multilingual, cross-border) digital services


**Thank you!**

Contact us  
CEF-AT@ec.europa.eu