CEF Digital Building Blocks and Their Role for Procuring Digital Services

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The Digital Single Market

Aims to ensure that citizens, businesses and public administrations can reap the benefits that digital has to offer.

Tallinn Declaration

A guide to Europe’s digital transformation in seven Principles:

1. Digital-by-default
2. Once only
3. Trustworthiness and Security
4. Openness and transparency
5. Interoperability by default
6. Horizontal enabling policy steps
7. User Centricity

Source: Tallinn Declaration
Digital transformation presents new challenges

New EU-wide regulations are being designed to support the ongoing digital transformation, for example:

- eIDAS (electronic IDentification, Authentication and trust Services);
- GDPR (General Data Protection Regulation);
- eInvoicing Directive (electronic invoicing in public procurement)

Digital services are progressively having the same legal validity as as traditional paper process.

As a result, digital services must be trusted and work securely across borders (a.k.a. interoperability).

So that citizen and businesses benefit from the convenience of digital services and can make the most of the digital single market.
Digital Transformation powered by new EU-wide regulations will enable convenient cross-border online digital services.

- Submitting tax declarations online
- Enrolling in a foreign university
- Remotely opening a bank account
- Setting up a business in another Member State
- Authenticating an online payment
- Bidding to an online call for tender

... and many, many more.
Main Commission’s instruments to advance the Digital Single Market

Creating a legal framework
Through EU Regulations

Making it easy
Through EU funding Programmes
How is the Commission helping PAs and businesses build digital services which comply to EU regulations?

EU Funding Programmes such as the Connecting Europe Facility (CEF)

The CEF Building Blocks

The Connecting Europe Facility’s mission is to support projects to use basic components, based on standards, aligned to EU-wide regulations, that will ensure systems can communicate with each other.
CEF is a funding instrument that will contribute to the completion of the European Digital Single Market

**I**

Funds Commission projects to digitise key sectors reusing building blocks as much as possible

- **Justice, home affairs and citizens' rights**
  - eJustice Portal
  - ODR
  - Identification with eID
  - Sign with eSignature
  - Exchange with eDelivery

- **Science and Technology**
  - Open Data
  - Identify with eID

- **Business**
  - BRIS
  - Invoice with eInvoicing

- **Employment and Social Rights**
  - EESSI
  - Translate with eTranslation
  - ...  

**II**

**Grants** to participate in projects

Typically 'deployment' projects at national level (up to 75% of eligible cost)
2019 CEF Telecom calls

CALL 1
- Europeana: EUR 2 MIO
- eID and eSignature: EUR 5 MIO
- eDelivery: EUR 1 MIO
- eInvoicing: EUR 6,2 MIO
- Automated Translation: EUR 4 MIO
- EU Student eCard: EUR 1 MIO

CALL 2
- Public Open Data: EUR 5 MIO
- Cybersecurity: EUR 10 MIO
- eProcurement: EUR 3 MIO
- eHealth: EUR 5 MIO
- European e-Justice: EUR 3 MIO
- European Platform on Skills and Jobs: EUR 1 MIO
- BRIS: EUR 2 MIO

* Indicative dates
Two opportunities for SMEs

1. Digital transformation of public administrations

CEF is creating a market based on standards. SMEs and startups can build businesses that support the transformation of PAs because of those standards.

2. Digital Transformation of SMEs

SMEs can use the CEF building blocks to digitally transform their own processes that will lower costs, increase efficiency and create a platform for further digital innovation.

Free Services

- Training sessions
- Sample software
- Testing services
How can I use a Building Block?

Build, buy or reuse the building blocks by your own.

Co-develop the solution or partner with other parties.

**Co-develop and partner**
With other parties

- **Build**
  The solution from scratch based on a European standard

- **Buy**
  A compliant solution from the market

- **Reuse**
  A sample software available on CEF website

**European Standards**
How many projects have used the building block?

120 projects

Growing potential cases are bringing us closer to fulfilling the dream.

Connected Europe Vision

- Great experience for citizens and businesses
- Building a data-economy
- Promoting cross-border interoperability

View Dashboard
Ready to get started?

Visit our website
Learn more on how to get started with the building blocks and get access to specific content such as our Success Stories, tech articles, sample software / specifications, etc. http://ec.europa.eu/cefdigital

Contact us
Do you want to use the building blocks for your project? Do you want to tell us more about your project?
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