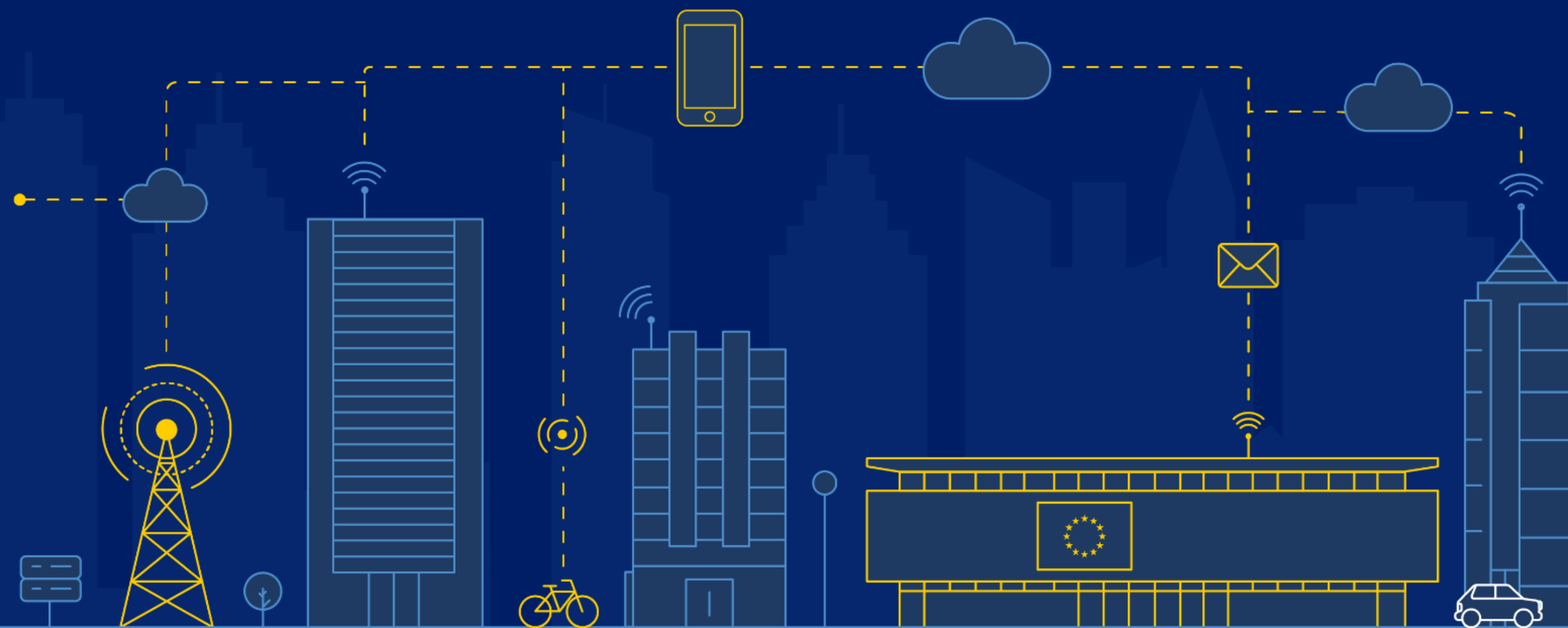




CEF Digital Building Blocks and Their Role for Procuring Digital Services

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DIGIT - Directorate-General for Informatics



A Top 10 Commission Priority

The Digital Single Market

Aims to ensure that citizens, businesses and public administrations can reap the 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



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)

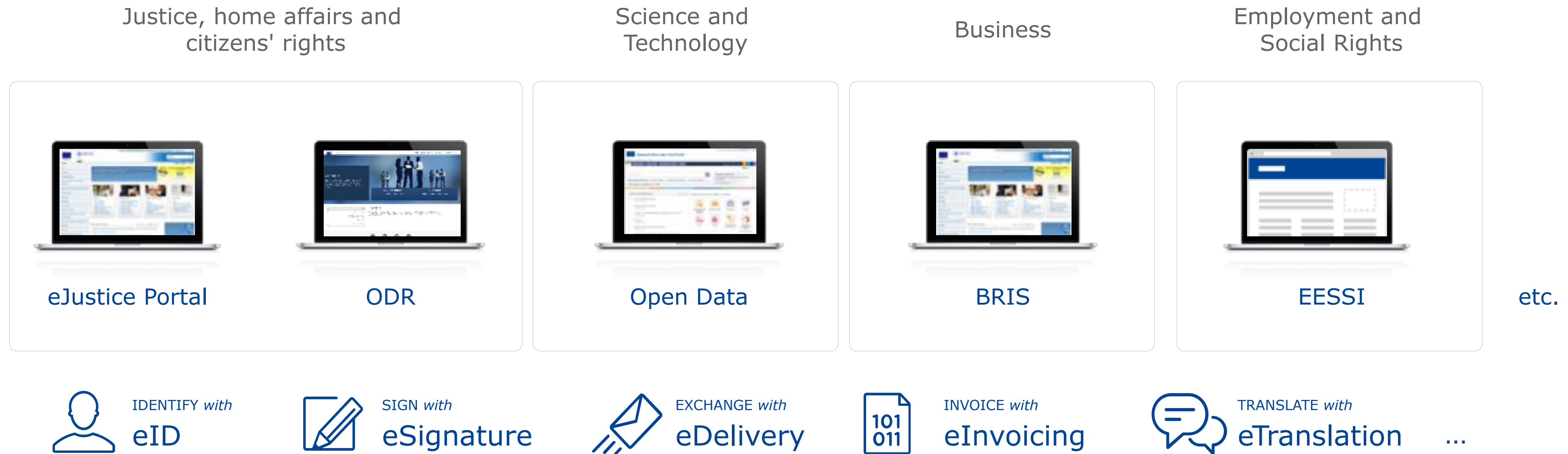
The CEF Building Blocks

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



II

Grants to participate in projects



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

2019 CEF Telecom calls

2019

14 Feb

14 May

4 July

14 Nov

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 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

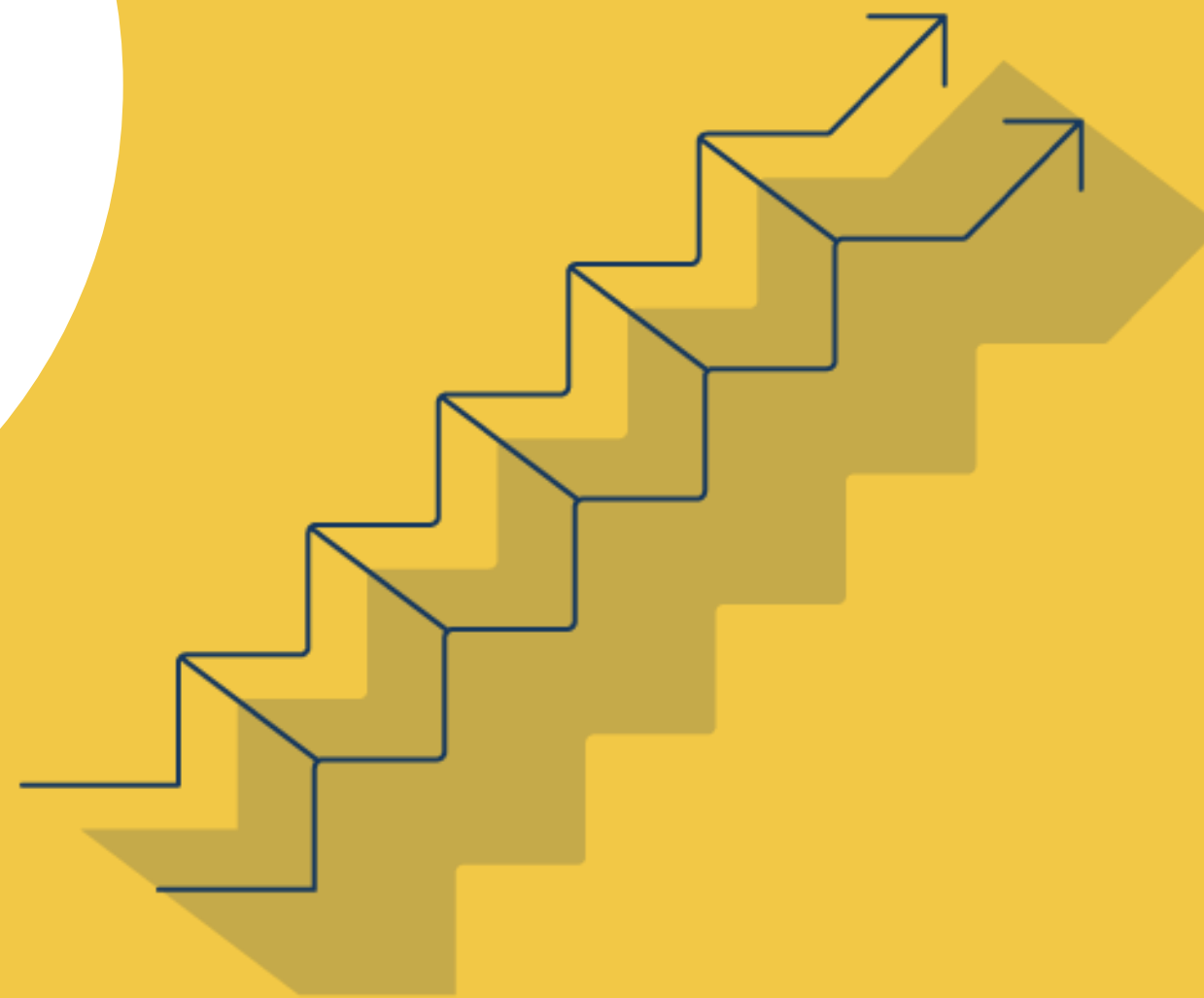
European Standards

How many projects have used the building block?

120
projects

[View Dashboard](#)

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

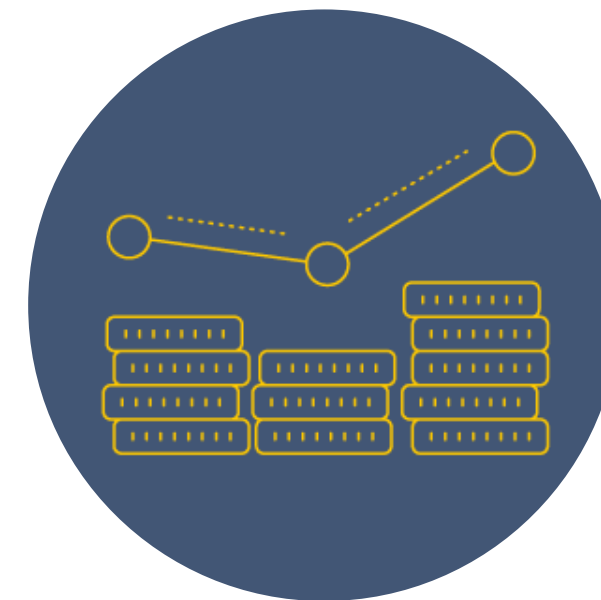


Connected Europe

Vision



**Great experience for
citizens and businesses**



Building a data-economy



**Promoting cross-border
interoperability**

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?

Contact us: cef-building-block@ec.europa.eu

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