



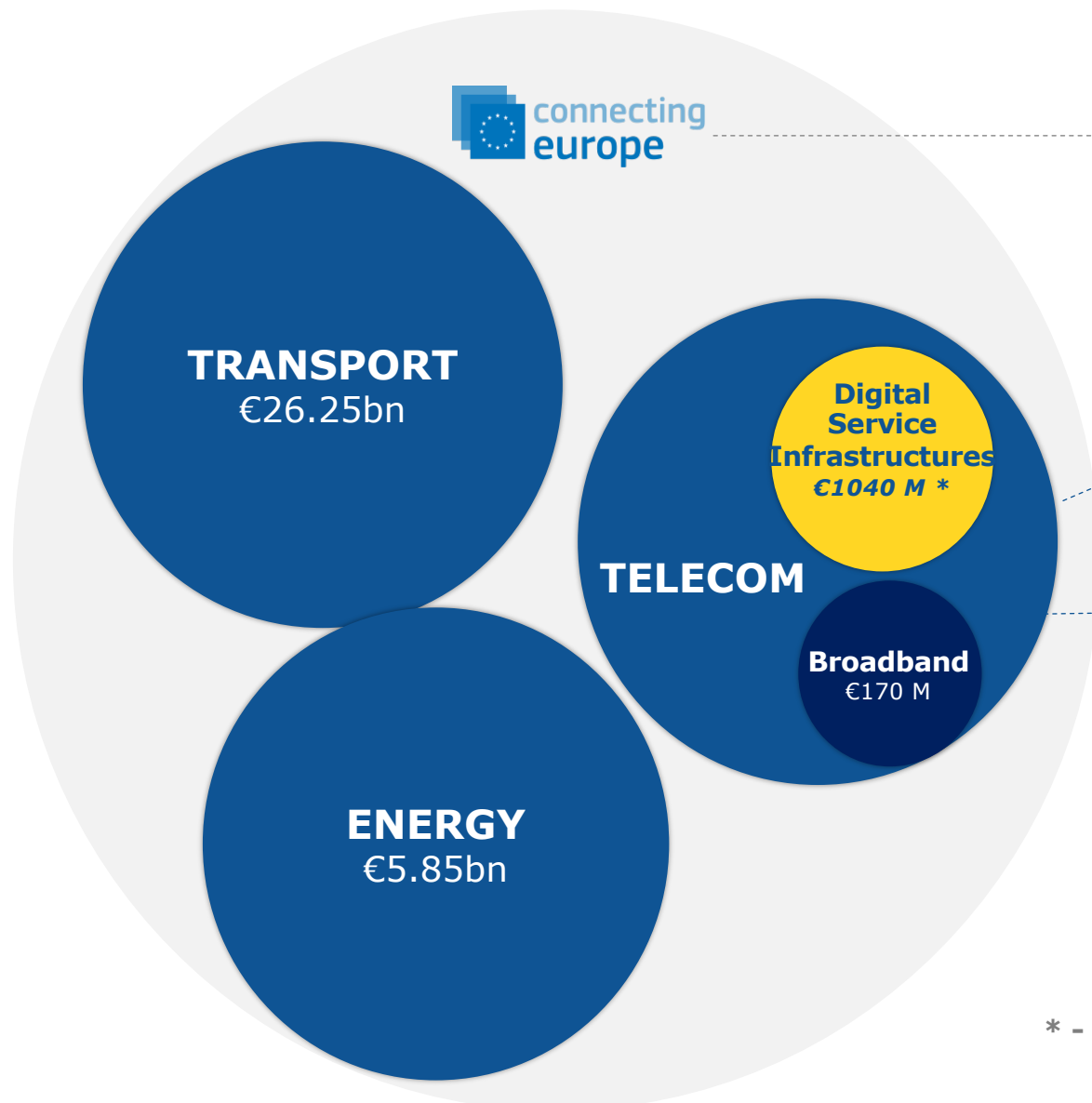
Introduction to CEF Digital and eInvoicing – Our services and how to get started

Christian Vindinge Rasmussen

DIGIT

What are
the CEF building blocks?

What is CEF?



HOW IS IT REGULATED?

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.

CEF Funding

From 2014-2020 1.040M Euro will be re-invested into adoption of the core building blocks in the DSIs.

Budget indications from 2020-2024 gives additional 1.600M Euro for further funding of implementation

* - 100 M Juncker Package

CEF Building Blocks

The **building blocks of the Connecting Europe Facility** promote the adoption of the same **open standards and technical specifications**, by the **different sectors** of the Union, for the most basic & common functionalities of any sectorial project/platform.

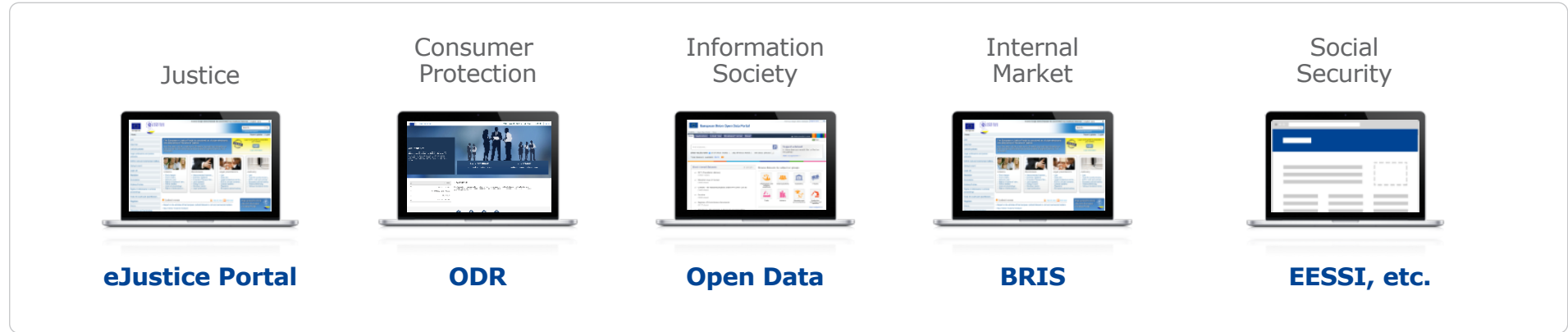
These core commonalities will enable interoperability across borders and sectors.



The CEF 'Big Picture'

Funding for the EUROPEAN COMMISSION

Services offered by the European Commission



Building Blocks



Funding for the MEMBER STATES

Grants - Projects in the Member States



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

More building blocks are coming



ANALYSE and TEST with

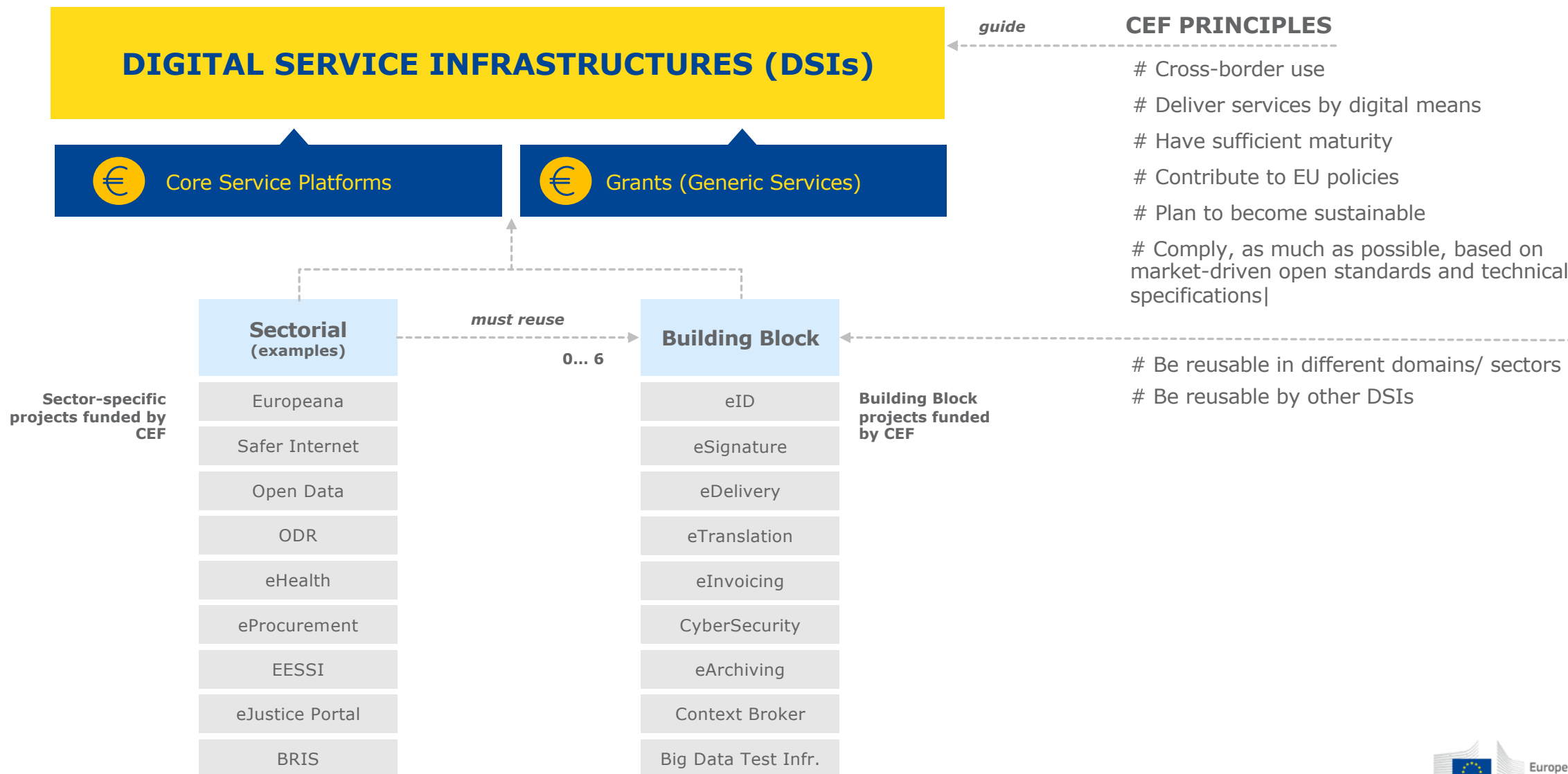
Data analytics



ARCHIVE with

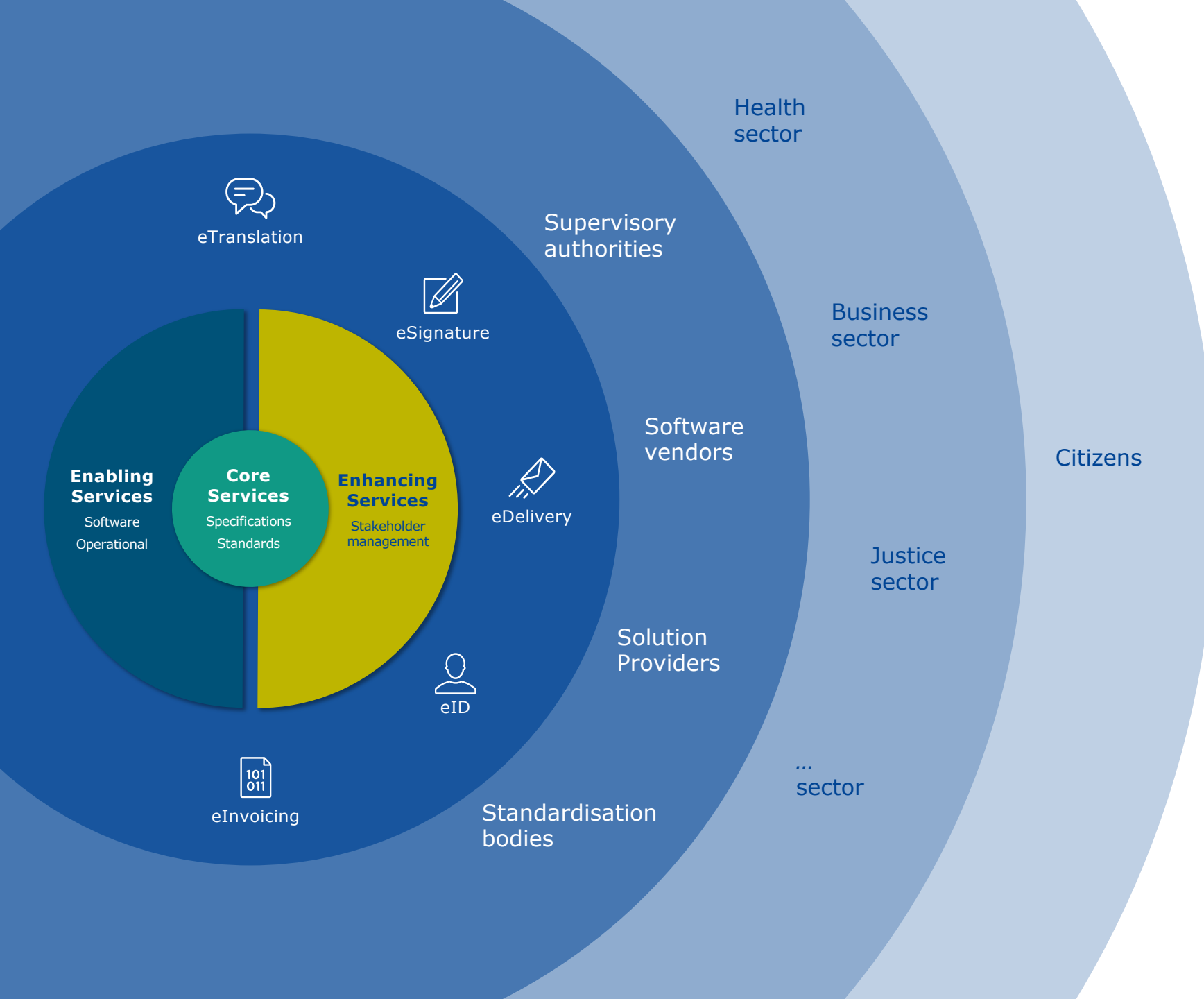
eArchiving

What are the fundamental characteristics of a Building Block / DSI?

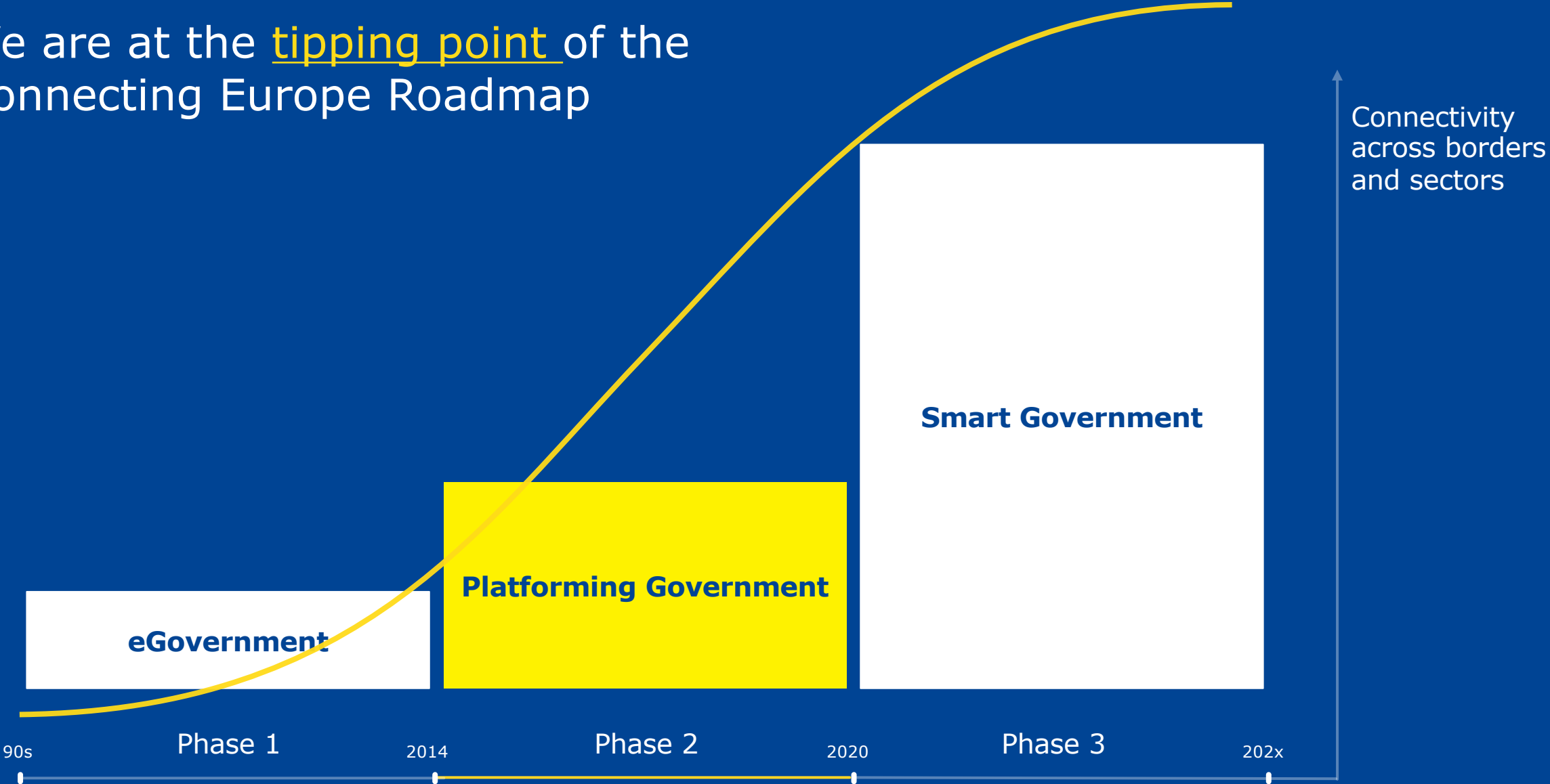


(*) A Building Block is a package of technical specifications, services and sample software that can be reused in different policy domains:

The CEF Building Blocks are creating a common digital platform across Europe

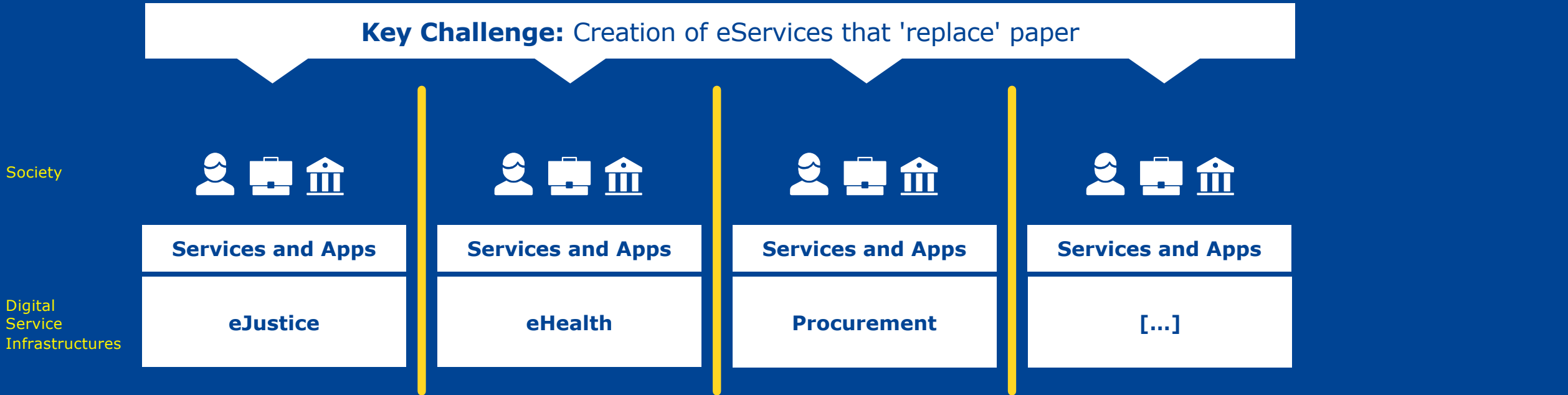


We are at the tipping point of the Connecting Europe Roadmap



Phase 1: eGovernment.

However Europe cannot fully benefit from it because we are still working in silos, we still have digital borders....



Phase 2: **Platforming Government.** We need to remove digital barriers to create a fully functioning Digital Single Market.

Key Challenge: Connecting eServices across-borders and across-sectors

Society



Services and Apps

Services and Apps

Services and Apps

Services and Apps

Services and Apps

Digital Service Infrastructures

eJustice

eHealth

Procurement

Taxation

[...]

CEF Building Blocks

← **Enabling Seamless Flow of Data** →

Powered by the CEF Building Blocks



eID



eSignature



eDelivery



eInvoicing



eTranslation

Sectors are still being on boarded



Citizens



Businesses



Public Administrations

Phase 3: **Smart Government**. This is how we will ensure high quality, user-centric digital public services for citizens and seamless cross-border public services for businesses.

Key Challenge: Exploitation of the Digital Platform i.e. Once Only, Digital by Default, ...

Society



Services and Apps

Services and Apps

Services and Apps

Services and Apps

Digital Service Infrastructures

eJustice

eHealth

Procurement

Other Sectors

EIF Principles

Enabling Seamless Flow of Data

CEF Building Blocks



eID



eSignature



eDelivery



eInvoicing



eTranslation



Citizens



Businesses



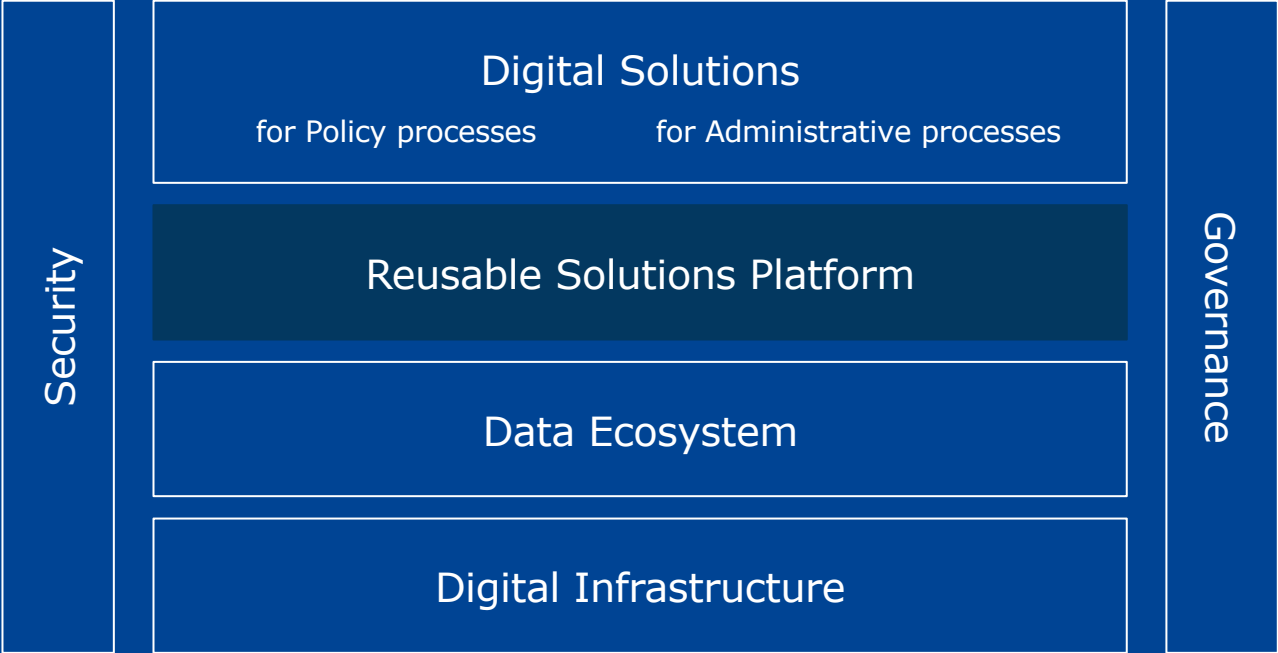
Public Administrations

The European Commission's Digital Strategy

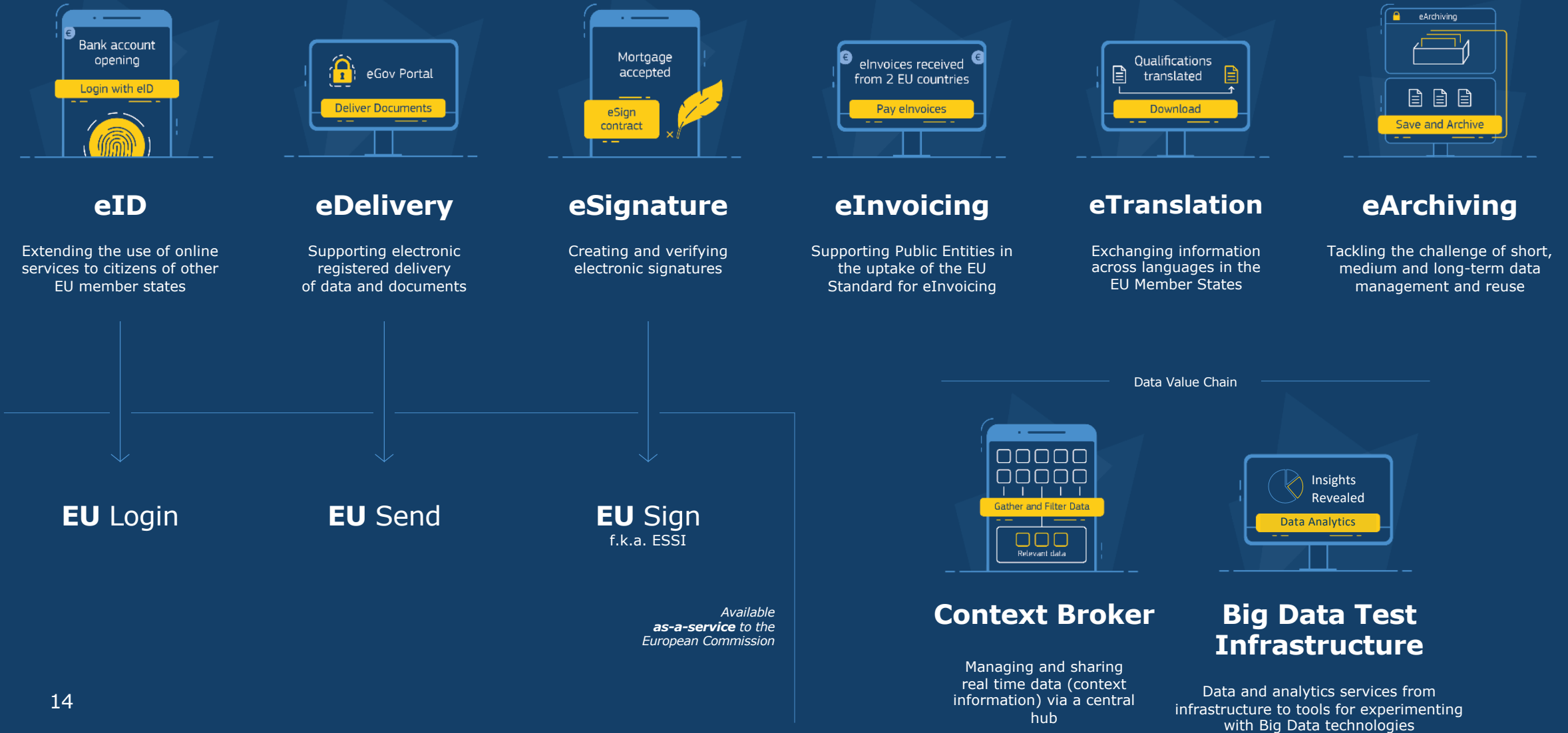
Digital Commission

Digitally transformed + User-focused + Data-driven

-  TALLINN Declaration →
-  eIDAS Regulation →
-  Better Regulation Agenda →
-  Massive Adoption of Building Blocks →



The CEF Building Blocks



The CEF Building Blocks are at the core of Europe's Digital Transformation - What is changing?

eGovernment

Connecting Europe

Full Digital Government

Silo thinking • ↔ •



Cross Sectorial 

Vertical Value Creation 



Ecosystem Value Creation 

Custom Specifications 



Open Standards 

Organisational Structure 



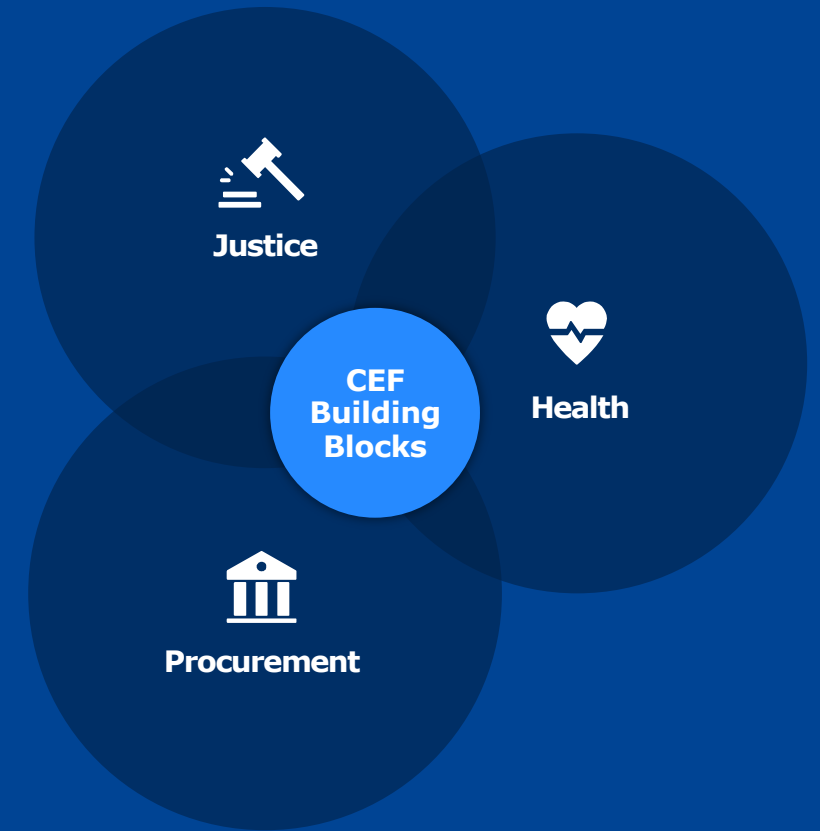
Service Design 

We have the building blocks of the new paradigm expressed in the Tallinn declaration i.e. Europe without digital borders



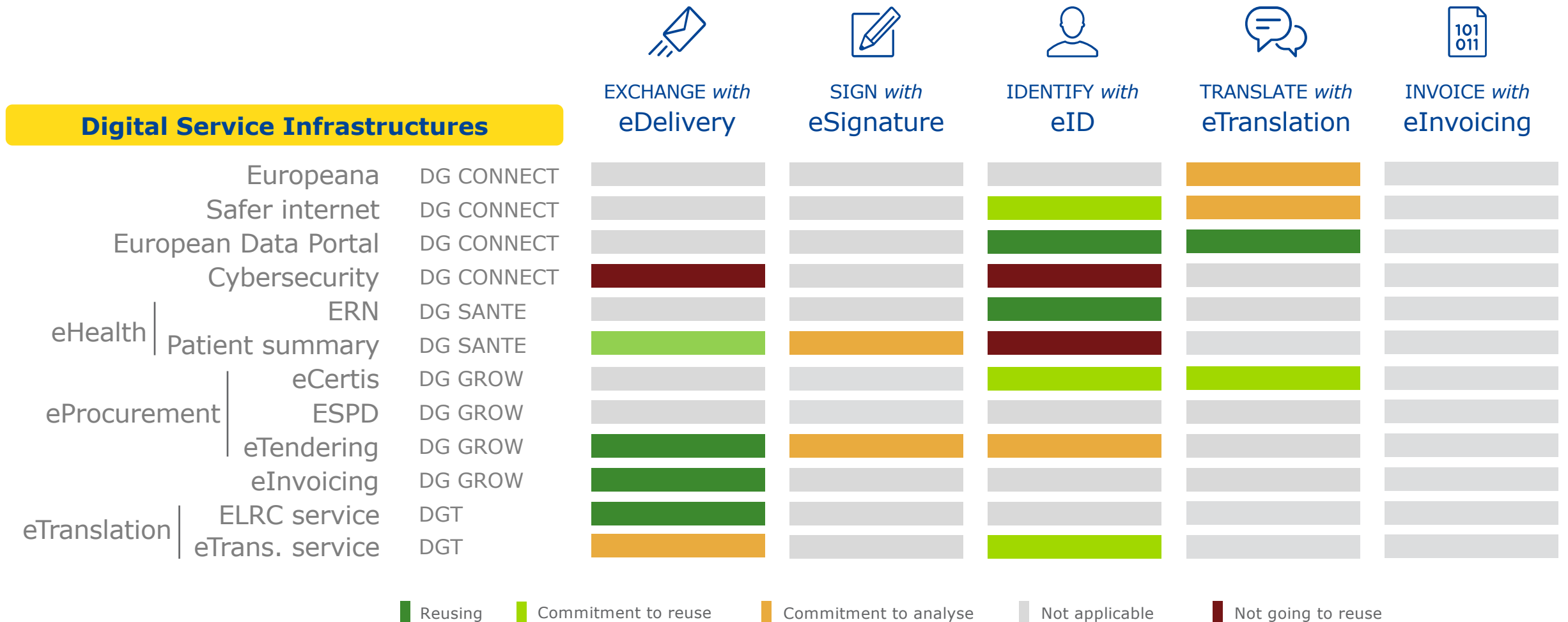
1. Digital-by-default
2. Once-only
3. Trustworthiness and Security
4. Openness and transparency
5. Interoperability by default
6. Horizontal enabling policy steps
7. Cross-border by default

New paradigm



Uptake of CEF building blocks

Deployment in the CEF Digital Programme



Deployment in the CEF Digital Programme

		Digital Service Infrastructures					
		EXCHANGE with eDelivery	SIGN with eSignature	IDENTIFY with eID	TRANSLATE with eTranslation	INVOICE with eInvoicing	
e-Justice	e-Justice portal	DG JUST	Reusing	Reusing	Reusing	Reusing	Not applicable
	E-evidence	DG JUST	Commitment to reuse	Commitment to reuse	Commitment to analyse	Not applicable	Not applicable
	IRI	DG JUST	Commitment to reuse	Not applicable	Not applicable	Not applicable	Not applicable
	Standard forms	DG JUST	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Me-CODEX	DG JUST	Reusing	Reusing	Not applicable	Not applicable	Not applicable
	e-Justice BRIS	DG JUST	Reusing	Commitment to analyse	Not applicable	Not going to reuse	Not applicable
	ODR	DG JUST	Reusing	Not going to reuse	Reusing	Reusing	Not applicable
	ESSI	DG GROW	Reusing	Reusing	Reusing	Reusing	Not applicable
P2P Mobile Payments	DG FISMA	Commitment to reuse	Commitment to analyse	Commitment to analyse	Commitment to analyse	Not applicable	
eArchiving	DG CNECT	Commitment to analyse	Commitment to analyse	Commitment to analyse	Commitment to analyse	Not applicable	

■ Reusing
 ■ Commitment to reuse
 ■ Commitment to analyse
 ■ Not applicable
 ■ Not going to reuse

Significant growth in the last year. Since November 2017...

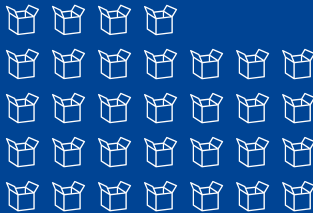
Reuse

+ 128 %

41 more projects at the EC are **reusing** the CEF Building Blocks

32

EC projects reusing BBs



Nov. 2017

73

EC projects reusing BBs



Nov. 2018

Success Stories

+ 350%

21 more teams told us how they have successfully re-used the CEF Building Blocks

6

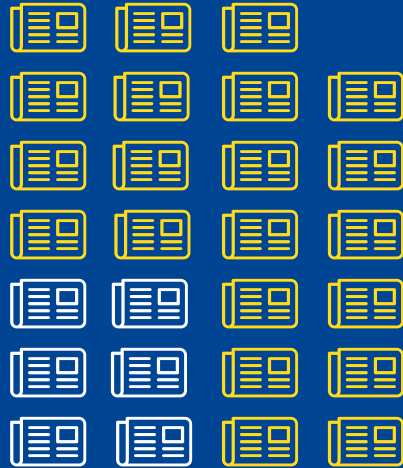
Success Stories



Nov. 2017

27

Success Stories

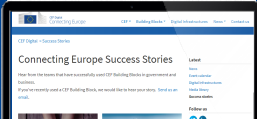


Nov. 2018

[Monitoring dashboard on CEF Digital](#)



[View Success Stories on CEF Digital](#)



CEF eInvoicing: Legal milestones & services

(*) optional deadline

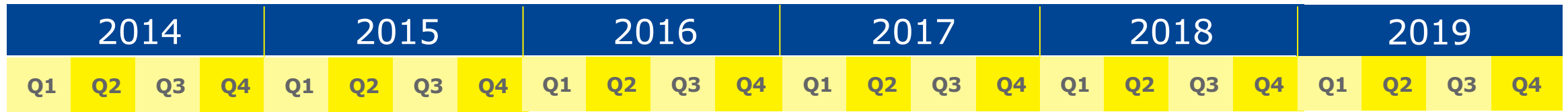
Directive 2014/55/EU electronic invoicing in public procurement

CEN TC 434 begins the definition of the European Standard on eInvoicing

European Standard on eInvoicing published in the Official Journal

All Member States' central entities comply with eInvoicing Directive (18 April 2019)

All Member States' local entities comply with eInvoicing Directive (*) (18 April 2020)



CEF Digital + collaborative spaces

eInvoicing Readiness Checker

Country factsheets

Conformance testing

CIUS & Extensions community registry


Knowledge Base

Catalogue of Good Practices

Training - Implementation workshops & Webinars

CEF Digital

CEF Digital



CEF Digital
Connecting Europe

MENU ▾COMMUNITY

CEF Digital Home

eInvoicing

Helping public entities adopt the European standard on electronic invoicing.

Learn about eInvoicing

Everything you need to know about eInvoicing +

Use eInvoicing

For public entities getting started with eInvoicing in public procurement +

Make your solution conformant

For solution & service providers looking to adopt the European standard on eInvoicing +


Join the community


Join one or more communities or help promote the uptake of eInvoicing +

Featured





Call for [grants](#) opens 28 June 2017

Communities

[eInvoicing User Community](#) 

[European Multi-Stakeholder Forum on eInvoicing](#) 

Quick Links

-  [Contact support](#)
-  [All eInvoicing Services](#)
-  [Readiness Checker](#)
-  [Monitoring dashboard](#)

Latest

[CEN Publishes eInvoicing Semantic Data Model](#)

The Innovation and Networks Executive Agency (INEA) launches grants of up to €10 million to support electronic invoicing (eInvoicing) in Europe.

CEF eInvoicing User Community

The screenshot shows a Microsoft Teams interface for the 'eInvoicing User Community' space. The top navigation bar includes 'Spaces', 'People', 'Polls', 'Calendars', 'Analytics', and a 'Create' button. The left sidebar contains the community name, analytics, shortcuts to the 'CEF Knowledge Base', and a page tree with links to 'eInvoicing news & events', 'Forum', 'Contribute', and 'Archive'. The main content area features a header with 'eINVOICING USER COMMUNITY' and a large background image. Below the header are three main sections: 'THE EUROPEAN STANDARD' with a 328-day countdown timer and a 'Learn More' button; 'FEATURED TWEETS' with a promotional message and a blue banner for Portugal's electronic procurement code; and 'About the community' which describes the space's purpose and lists moderators. A 'Contact us' section provides a 'Contact' button and a link to the 'eInvoicing Service Desk'. A final section at the bottom promotes a 'New Video & Infographic Now Available'.

UC eInvoicing User Community

Analytics

SPACE SHORTCUTS

- CEF Knowledge Base

PAGE TREE

- eInvoicing news & events
- Forum
- Contribute
- Archive

Pages 1 JIRA link Analytics

CEF DIGITAL

eINVOICING USER COMMUNITY

THE EUROPEAN STANDARD

The European Parliament and Council adopted **Directive 2014/55/EU**, establishing the European standard. The recent publication of the European Standard on invoicing in the Official Journal of the European Union marks the beginning of the implementation phase of the standard.

The Directive mandates an 18-month implementation period after the publication of the standard, with **18 April 2019** fixed as the deadline for this.


3 2 8
Days

[Learn More](#)

FEATURED TWEETS

The Country Sheets for eInvoicing 2017 are here! Want to **learn more**? Simply click on the button below and **visit the Country Sheets!**


We kindly invite you to **spread the word!** By simply **retweeting** this message, together we create **more visibility** for the eInvoicing B2G status throughout Europe.

 Did you know that according to the Public Procurement Code, all public procurement processes in Portugal 🇵🇹 should preferably be performed electronically? More on #eInvoicing in Portugal: <http://europa.eu/!Gn73bt> #ConnectingEurope

About the community

The eInvoicing User Community space enables stakeholders involved and interested in cross-border eInvoicing, to discuss eInvoicing in the EU public and private sectors. The space is also used for co-creative activities with the Advisory Group and Early Adopters of the eInvoicing Readiness Checker Website, which is designed to help public administrations implement electronic invoicing, as per the requirements of Directive 2014/55/EU.

Your space moderators



Contact us

Get in touch with the CEF eInvoicing team for questions, comments or other type of requests.

[Contact](#)

[Read more about the eInvoicing Service Desk](#)

New Video & Infographic Now Available

Stakeholder management services

Knowledge base

OBJECTIVE OF THE SERVICE

This service provides public entities and solution & service providers an easy reference repository for eInvoicing related information.

It includes information about access to the different code lists, codes used and their meaning, and a glossary of elements used in the European eInvoicing standard.

The Knowledge base provides information on EU and country specific levels.

BENEFITS

- This service provides a useful and reliable information repository that helps users to find, consult and interpret information resources about eInvoicing in Europe.
- It provides useful information that public administrations can use to plan, initiate and execute eInvoicing implementation plans and strategies.

The screenshot shows a news article on the CEF Digital website. At the top left is the CEF Digital logo with the text 'Connecting Europe'. Below the logo is a search bar. The article title is 'CEF eInvoicing Video and Infographic: Available Now'. The main image is a blue graphic with the text 'Directive 2014/55/EU' at the top. It features three computer monitors with checkmarks, and a city skyline at the bottom with labels for 'HOSPITAL', 'CENTRAL GOVERNMENT', and 'PUBLIC ADMINISTRATION'.

USERS

Public entities
Policy makers
Economic operators & suppliers
Solution & service providers

More info

[CEF Digital](#) >

Get started

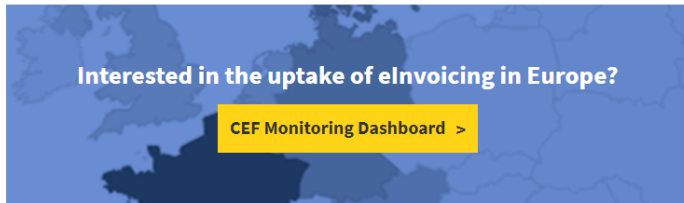
[Contact us](#) >

2018 Country Factsheets



CEP Digital Home > eInvoicing

Situation per country



Every European Union Member State has a unique approach to dealing with eInvoicing. For each country you can find out more about their:

- policy framework
- eInvoicing platform (if existing)
- approach for receiving and processing electronic invoices

Summary

Organisation responsible for eInvoicing	
eInvoicing legislation	
eInvoicing is mandatory for	
eInvoicing standard(s)	
eInvoicing platform	

Full Country Factsheet

Legislation

..

eInvoicing platform and eInvoicing management solutions

..

Approach for receiving and processing eInvoices

..

Additional information

..

Country factsheets

EU Member States

- | | |
|--------------------------------|---------------------------------|
| Austria | Italy |
| Belgium | Latvia |
| Bulgaria | Lithuania |
| Croatia | Luxembourg |
| Cyprus | Malta |
| Czech Republic | The Netherlands |
| Denmark | Poland |
| Estonia | Portugal |
| Finland | Romania |
| France | Slovakia |
| Germany | Slovenia |
| Greece | Spain |
| Hungary | Sweden |
| Ireland | United Kingdom |

ADDITIONAL EEA (European Economic Area) COUNTRIES

- | | |
|-------------------------------|------------------------|
| Iceland | Norway |
| Liechtenstein | |

Community-driven Registry of CIUS and Extensions

Community-driven Registry of CIUS (Core Invoice Usage Specifications) and Extensions

Created by Ines COSTA, last modified by Fred VAN BLOMMESTEIN on May 16, 2018

Topic	Registry of CIUS (Core Invoice Usage Specifications) and Extensions
Excerpt	This page aims to give the eInvoicing community the opportunity to share the ongoing and planned initiatives across Member States and sectors to create CIUS and Extensions on the European standard on eInvoicing.
Status	OPEN
Deadline	Ongoing

Provide information on CIUS and Extensions

The table below aims to give the eInvoicing community the opportunity to share the ongoing and planned initiatives across Member States and sectors to create CIUS and Extensions on the European standard on eInvoicing. The content is community-driven and the contributors take the sole responsibility of the information shared. Please note that the information available does not have an authoritative character.

We invite you to contribute to build on the information available about the CIUS and Extensions on the European standard on eInvoicing by filling the table below:

Name	Type	Country	Sector	Purpose of the CIUS or Extension	Publisher	Governor	Underlying specification	Further info	Status	Contact
OpenPEPPOL BIS 3.0 5A	CIUS	Any	Any	Restricts the business process scope of the EN with reference to BIS2 business processes.	OpenPEPPOL	OpenPEPPOL	EN16931	http://docs.peppol.eu/peppol/billing/3.0/	ACTIVE	@Olav Astad KRISTIANSEN
Icelandic national CIUS	CIUS	IS	Any	Applies national regulations and imposes data format to payment instructions when using national payment clearing services.	IST	ISgov	PEPPOL BIS 3.0 5A	http://www.stadlar.is/stadlastarf/fagstadlaradi-upplysingataekni.aspx	DEVELOPMENT	@Georg BIRGISSON
Austrian national CIUS	CIUS	AT	Any	Apply national regulations	BRZ	BRZ	EN16931		DEVELOPMENT	@Philip HELGER
Austrian government CIUS	CIUS	AT	Any	Additional regulations only applying to the mandatory government interface. This CIUS builds on top of the Austrian national CIUS!	BRZ	BRZ	AT national CIUS		DEVELOPMENT	@Philip HELGER
Energy eInvoice	Extension	NL	Energy	Enables the addition of information concerning: 1) Measured energy use, including meter info, meter readings, fuel type etc. 2) VAT specification for more than one party, which is a consequence of the so called supplier-centered model.	Energy eInvoice steering committee	Energy eInvoice steering committee	SimplerInvoicing (SI-UBL)	https://energie-efactuur.nl/en/	DEVELOPMENT	Wouter van den Berg (TNO)
Italian national CIUS	CIUS	IT	Any	Applies national regulations and restricts data format in compliance with eInvoice national format (FatturaPA)	AgID, AdE	AgID, AdE	EN16931	http://www.agid.gov.it/agenda-digitale/pubblica-amministrazione/cef-telecom-einvoicing-eigor	DEVELOPMENT	Fabio MASSIMI

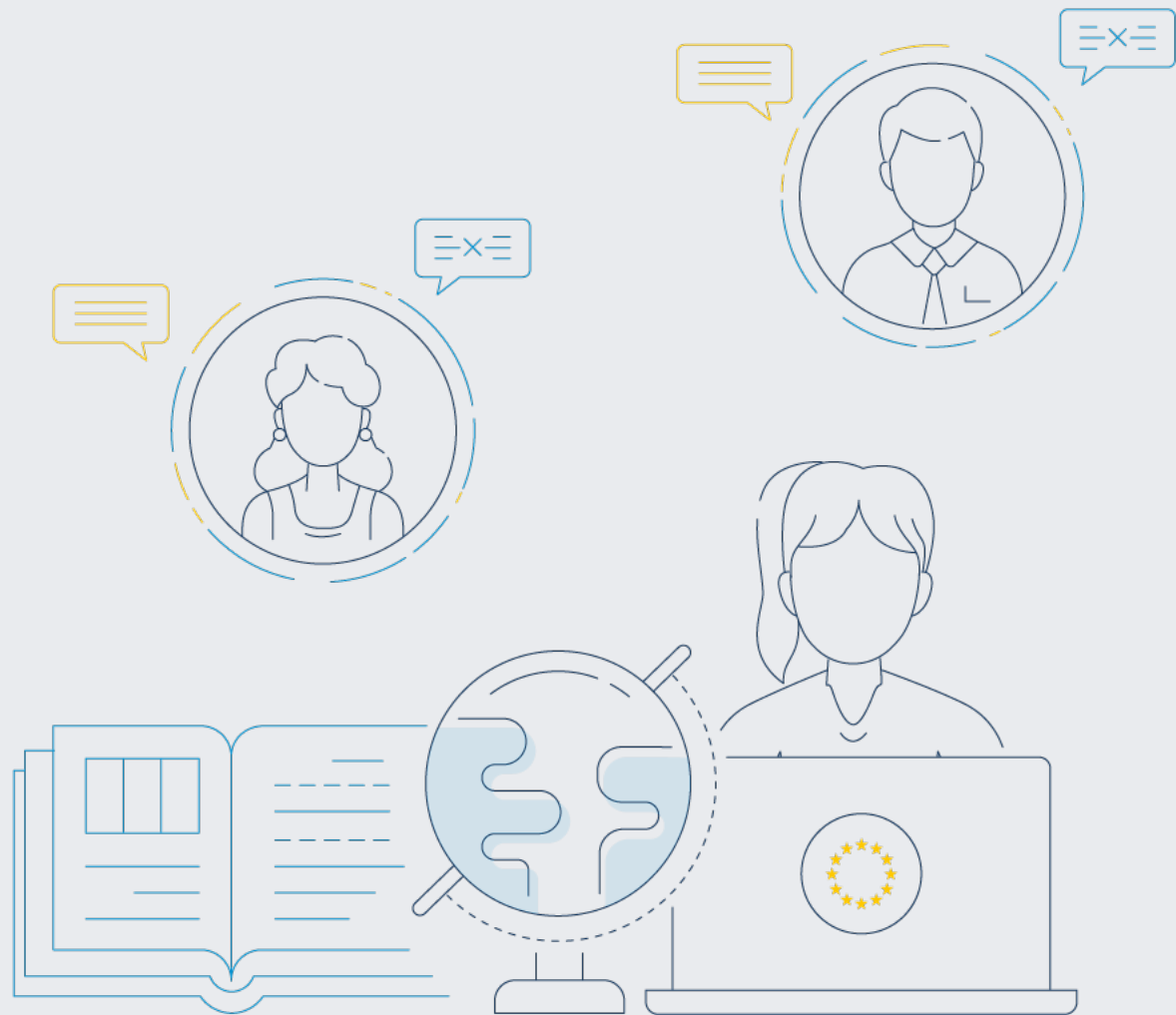


Read all the Connecting Europe success stories on CEF Digital

[View >](#)

eInvoicing Success Stories

In addition to the workshops, CEF eInvoicing has also recorded the success stories from Individual countries with regards to their eInvoicing implementation journey.



CEF grant accelerated eInvoicing roll-out in Croatia's public sector

Croatia's eInvoicing implementation plan:

The Ministry of Economy, Entrepreneurship and Crafts of Croatia responded to CEF's eInvoicing grant call in 2016 to:

- Advance cross-border eInvoicing possibilities
- Develop national eInvoicing efforts within Croatia
- Connect new stakeholders to the Croatian eInvoice Exchange Hub

How CEF contributed:

The CEF program supported the Croatian Ministry by providing a standardised set of technical details for electronic invoicing to shorten the implementation process.

In addition to this, they were supported through the use of:

- the European eInvoicing standard;
- CEF Digital 2018's conformance testing;
- Training and Desk services to support the implementation.

Success Story #1 Croatia



REPUBLIC OF CROATIA

MINISTRY OF ECONOMY,
ENTREPRENEURSHIP
AND CRAFTS

The screenshot shows the CEF Digital website interface. At the top, there is a navigation bar with the CEF Digital logo and menu items: About, Building Blocks, DSIs, News, Grants, Monitoring, and Contact. Below the navigation bar, the breadcrumb trail reads 'CEF Digital > Success Stories'. The main content area features a yellow banner labeled 'CEF TELECOM GRANT BENEFICIARY' above the article title 'CEF grant accelerated eInvoicing roll-out in Croatia's public sector'. To the right of the article title is a 'Latest' sidebar with links for News, Event calendar, Digital infrastructures, Media library, and Success stories. Below the sidebar is a 'Follow us' section with social media icons for Twitter and LinkedIn, and a 'Subscribe to our newsletter' button with a yellow 'SUBSCRIBE' button. The article image shows a laptop, a smartphone displaying 'Transaction Completed', and a small potted plant on a wooden desk.

Croatia's Ministry of Economy, Entrepreneurship and Crafts saved time and cost introducing electronic invoicing on an international scale, with a boost from CEF's grants program.

Finland is using AI in attempt to achieve one-hundred per cent eInvoicing

Finland has reached a mature level of eInvoicing implementation:

- The Finnish Bankers' Association launched a standard eInvoicing format in 2003, and by 2007 Finland had a B2C eInvoicing solution.
- By introducing eInvoicing a decade ago, over 90% of invoices are now electronic in Finland.

Greatest eInvoice Benefits for Finland:

- Finland's payment system is fully digitalised, helping the transition from paper to electronic formats.
- New payment products such as eInvoice have measurable climate benefits reviewed by the Finnish government annually.

Future eInvoicing plans:

- Finland plans to implement 100% automated eInvoice handling by utilising AI. AI can place eInvoices on its payment flow within seconds, facilitating further automation.

Success Story #2 Finland

A screenshot of the CEF Digital Success Stories page. The page features a blue header with the CEF Digital logo and navigation links. The main content area has a blue background and contains the title 'Finland is using AI in attempt to achieve one-hundred per cent eInvoicing'. Below the title is a photograph of a smiling woman with curly hair talking on a mobile phone. To the right of the main content are sections for 'Latest' (with links to News, Event calendar, Digital infrastructures, Media library, and Success stories) and 'Follow us' (with social media icons for Twitter and LinkedIn, and a 'SUBSCRIBE' button for a newsletter). At the bottom, there is a paragraph of text describing Finland's eInvoicing success and its role as a best practice example.

CEF Digital > Success Stories

Finland is using AI in attempt to achieve one-hundred per cent eInvoicing

Latest

- News
- Event calendar
- Digital infrastructures
- Media library
- Success stories

Follow us

Subscribe to our newsletter

SUBSCRIBE

Finland is a best practice example of the future of eInvoicing. By introducing eInvoicing in the last decade, the Finnish State Treasury confirms that today, over ninety per cent of invoices are electronic, up from eight per cent in the early 2000's. By utilising Artificial Intelligence (AI), Finland aims to achieve one-hundred per cent eInvoicing, and that invoices will not only be electronic but that they will be processed automatically too. Finland's story illustrates the future of eInvoicing and that electronic invoicing is only the beginning of your CEF journey.

eInvoicing in Sweden

The Single Face To Industry (SFTI) initiative was born out of a central effort to promote e-procurement in 1998. Today 63% of all invoices to the Swedish central government are electronic.

Financial Savings:

- The Swedish government anticipates 165,6 million EUR savings when the eInvoicing law enters into force on April 1st, 2019.

eInvoicing at the local government level:

- From the outset, SFTI has been a success for local authorities and regions.
- Today, eInvoicing is used by 87% of municipalities and 95% of regions.

Sweden's collaboration with CEF:

SFTI has been an active participant to eInvoice standardisation projects such as PEPPOL and E-SENS, facilitating the construction of a single digital market.



A screenshot of the CEF Digital website. The page title is 'eInvoicing in Sweden'. The main content area features a dark blue graphic with a computer monitor displaying '€ Invoices received from 2 EU countries' and a yellow button labeled 'Pay invoices'. Below the graphic, the text 'eInvoicing' is visible. To the right of the main content, there is a 'Latest' section with links for 'News', 'Event calendar', 'Digital Infrastructures', 'Media library', and 'Success stories'. Below that is a 'Follow us' section with social media icons for Twitter and LinkedIn, and a 'SUBSCRIBE' button for a newsletter. The top of the page shows the CEF Digital logo and navigation links: 'About', 'Building Blocks', 'DSIs', 'News', 'Grants', 'Monitoring', and 'Contact'. A search bar is located in the top right corner.

Main Benefits



1

Support in the implementation of the eInvoicing Directive (2014/55/EU)



2

Reduced learning curve to implement B2G eInvoicing



3

Improved integration with other eProcurement processes

How do we support you?

1

Tools and services to support in eInvoicing implementation



2

Effective and ongoing support from the CEF Digital Team



3

Knowledge base that provides insight, such as Member State statuses





Governance Models and implementation roadmaps in eInvoicing, and eDelivery

Christian Rasmussen

DIGIT

CEF's IT Governance Model



OpenPEPPOL's Governance Model

OpenPEPPOL POLICY

OpenPEPPOL AISBL
General Assembly

SCOPE OF DECISIONS

Policy implementation decisions

KEY OUTPUTS

Coordination with EC

OpenPEPPOL STRATEGY

OpenPEPPOL Authorities

OpenPEPPOL Operations Management

Strategic decisions

Common principles

OpenPEPPOL IMPLEMENTATION

OpenPEPPOL Coordinating Communities

Pre-Award

Post-Award

OpenPEPPOL Support Functions

Operations Management

PR, Compliance, Recruitment, Business Dev

Tactical decisions

Charters

Operational & technical implementation decisions

Change Request

OpenPEPPOL STAKEHOLDERS

Standardisation Bodies

Private Sector

Member States

Other Stakeholders

For Service Providers - Your checklist:

- Which OpenPEPPOL Authority should I sign up with?
 - Where should I invest my time in the OpenPEPPOL governance model?
 - How should I involve my stakeholders?
- If your country has a PEPPOL Authority then this should be priority one for you
 - If your PEPPOL Authority has specific rules – make sure to study these first before entering into an agreement
 - Get onboard and start to interact with the community
 - Not only at CEF Digital but also at OpenPEPPOL Coordinating Communities
 - Involve your primary stakeholders early in the process and make sure it is transparent what you intend to do
 - And remember – many other people around EU is doing the same thing right now as you – thinking, asking and doing eInvoicing implementations

Roadmap for mass adoption of eInvoicing

Success factors from early adopters are

- Policy on standard for format and content
- Policy on transmission technology
- Support available to implementers
- Tools which helps on conformance testing
- Legal requirements

Examples of things to consider when developing a roadmap for eInvoicing

Policy for For the supplier/issuer

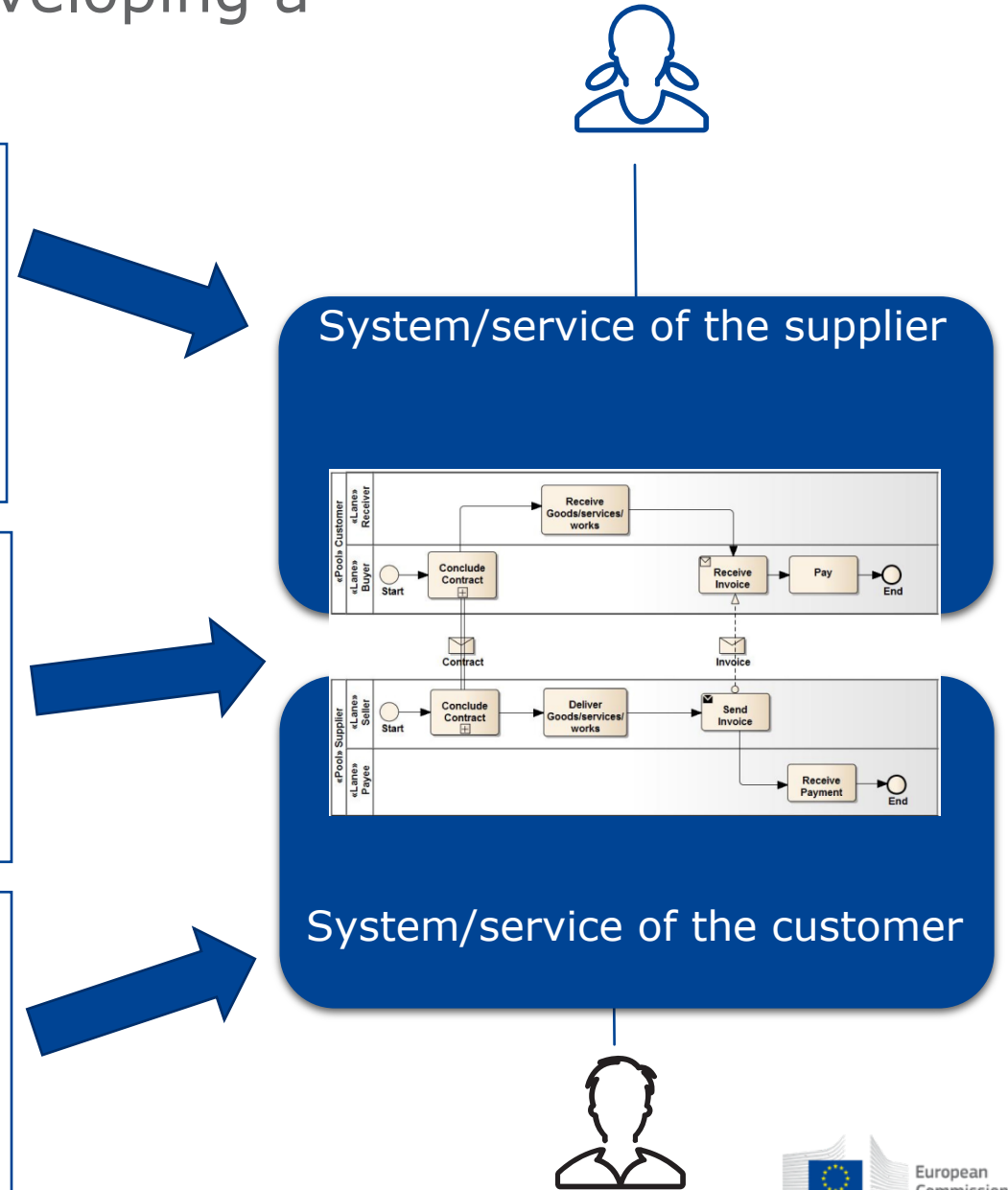
- Suppliers have a diverse environment (such as different technical solutions, processes, maturity level)
- Clear policy around standards helps
- Supporting tools can be provided – validation tools, presentation style sheets, translations
- Aligned requirements on use of references and identifiers if possible

Policy for Interconnectivity

- Minimum requirement on technology for how to connect and for service providers to collaborate
- Publicly available strategy on how to handle the European standard – both domestically and cross border (CIUS)
- Transmission cross border (eDelivery)

Policy for the public sector

- Up to each entity to tender for solutions or centrally provided?
- Maturity level of the public entities – are temporary solutions necessary?
- Mandate eInvoicing? Through law/contracts? Also below threshold?
- Centrally provided supporting tools, help desk, training and capacity building?



Roadmap to deploy CEF *eInvoicing* on a country level

Domain Owner

Participants in eInvoicing implementations



PHASE

ELICIT requirements

CONSIDERATIONS

SELECT eInvoicing Standards

DEPLOY

INTEGRATE

OPERATE

with backend(s) with partners



CEF TEAM

Standard Specification

Onboarding

Readiness checker

Validation tool

Service Desk

Connectivity Testing

Service Desk

Training and deployment

CEF eInvoicing Community



YOUR TEAM

- Attend workshops
-
- Complete self-assessment tool
-
- Identify business requirements
-
- Carry out feasibility study

- Drivers for implementation
- National policy making
 - Coherence with EU law
 - Infrastructure and technical impl.
 - Onboarding
 - Success factors and pitfalls
 - Sustainability beyond transposition

EN eInvoicing

Cross-Industry Invoice
UBL

National Standards

Assess current solutions

- Deploy components
-
- Configure components
-
- Validation
-
- CIUS

- Integrate with CRM, ERP systems
-
- RESTfull APIs, SOAP
-
- Perform Pre-production testing

- Participate in Connectivity testing
-
- Perform Pre-production testing

Open source

- Hosting
-
- Maintenance

Commercial solution

- Hosting
-
- Fees

Custom built

- Hosting
-
- Maintenance

Roadmap to deploy CEF *eDelivery*

Domain Owner

Participants in eDelivery Messaging Infrastructure



PHASE

ELICIT
requirements

DESIGN
eDelivery
infrastructure

SELECT
eDelivery
solutions

DEPLOY
eDelivery
solutions

INTEGRATE
with backend(s) with partners

OPERATE
eDelivery
solutions



CEF TEAM

Technical Specifications

Onboarding

Self-Assessment tool

Documentation (COD, SOD, ...)

Design message exchange model

List of Software solutions

SML Service

PKI Service

Service Desk

Training and deployment

Connectivity Testing

Service Desk

CEF eDelivery Community



YOUR TEAM

- Attend workshops
-
- Complete self-assessment tool
-
- Identify business requirements
-
- Carry out feasibility study

- Design discovery model
-
- Design security model
-
- Design integration approach
-
- Participate in the writing of a SDD
-
- PoC (optional)

Open source

- Assess OSS projects
-
- Customise/extend solution

Commercial solution

- Assess Vendors
-
- Buy solution

Custom built

- Build solution

- Deploy components
-
- Configure components

- Integrate with eDelivery Access Point
-
- Perform Integration testing
-
- Perform Pre-production testing

- Participate in Connectivity testing
-
- Perform Pre-production testing

Open source

- Hosting
-
- Maintenance

Commercial solution

- Hosting
-
- Fees

Custom built

- Hosting
-
- Maintenance

Need a checklist?

- At CEF Digital you can find a comprehensive checklist on how to implement CEF eInvoicing on EU public level
- The checklist is created by other Member States who already implemented the EN standard and eDelivery infrastructure

eInvoicing

If you are a public administration in the EU, or you would like to do business with one, you will need to comply with the European standard for sending, receiving and processing electronic invoices.

Learn about eInvoicing

Understand how eInvoicing will impact public procurement in your country.



Use eInvoicing

Start your eInvoicing implementation with our support services and knowledge articles.



Make your solution conformant

Find out if your eInvoicing solution complies with the European standard on eInvoicing (EN 16391).



Join the community

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Key documents

- [eInvoicing infographic \(PDF\)](#)
- [Conformance testing Service Offering Description \(PDF\)](#)
- [EMSFEI guidance on implementation for EU public administrations \(PDF\)](#)

Latest

[CEF eInvoicing: Publication of the Electronic Address Scheme Code List](#)

Contact us >

Ready to get started?

Reach out to us to learn more!

Or visit our website www.ec.europa.eu/cefdigital

