Meet eArchiving

Learn how to preserve, migrate, reuse and trust your data

3 December 2019

Connecting Europe Facility

DIGIT
Directorate-General
for Informatics

DG Connect
Directorate-General for Communications
Networks, Content and Technology

Live Streaming

Meet eArchiving

Start 09:30 (CET)

Information for the Live Streaming

Please note that this webinar is recorded.

Send your questions to :
cef-building-blocks@ec.europa.eu

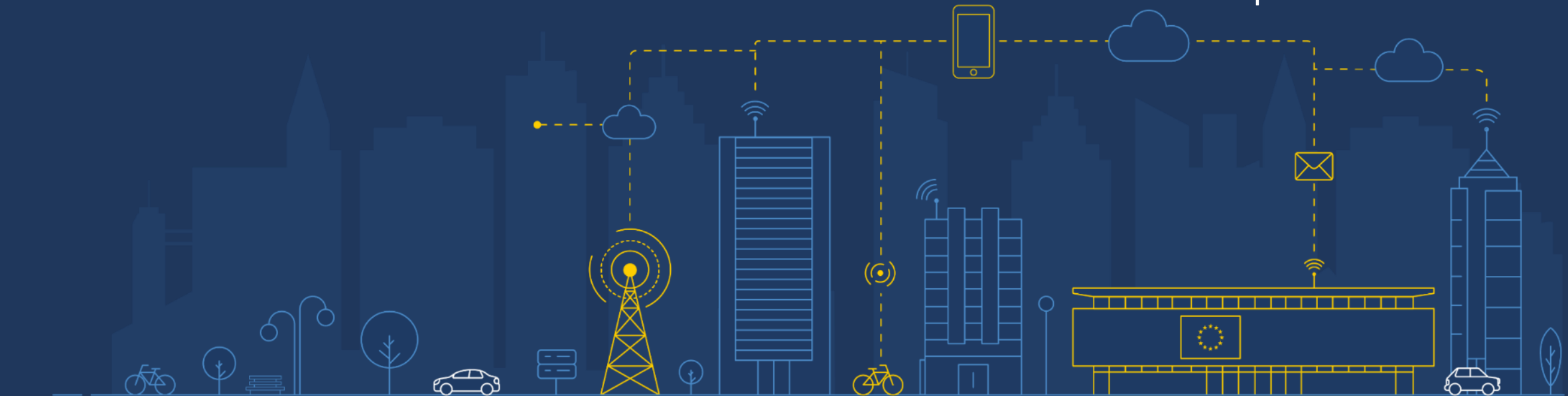
#ConnectingEurope

Welcome

Anne Bajart

Deputy Head of Unit – Interactive Technologies, Digital for Culture and Education

DG CNECT G2 – European Commission



Agenda Day 1 - morning

3 December	Activity	Presenter
09:00-09:30	**Registration and welcome coffee**	
09:30-09:45	**Welcome**	Anne Bajart, European Commission
09:45-10:20	**CEF Building Blocks and CEF eArchiving** • How are we connecting Europe? • Introducing CEF eArchiving	Joao Rodrigues Frade, European Commission Kelly Liljemo, European Commission Fulgencio Sanmartín, European Commission
10:20-11:20	**Using eArchiving** • Specifications introduction • Software • Training • Outreach	**Chair:** Janet Anderson, E-ARK Project Karin Bredenberg, Sydarkivera István Alföldi, Poliphon Jaime Kaminski, Highbury IVS Diogo Proença, University of Lisbon
11:20-11:40	**Coffee break**	
11:40-13:00	**Specifications session** • Including practical use cases • Conformance testing	**Chair:** Adelina Cornelia Dinu, European Commission Karin Bredenberg, Sydarkivera Carl Wilson, Open Preservation Foundation
13:00-14:00	**Lunch break**	

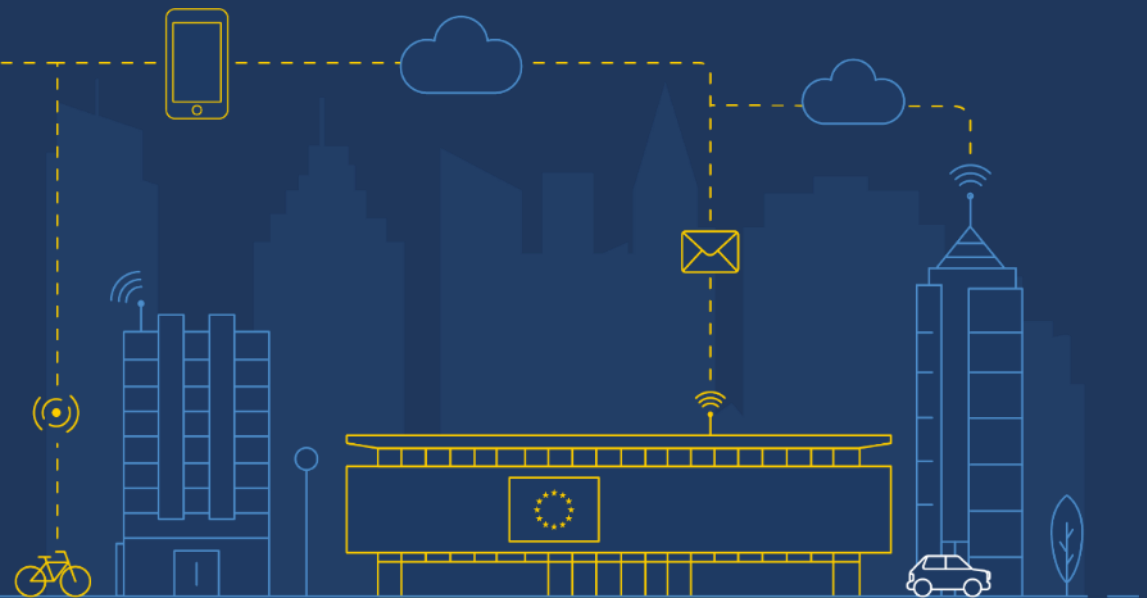
Agenda Day 1 - afternoon

3 December	Activity	Presenter
14:00-15:00	**Software presentation** • End-to-end eArchiving solutions for digital preservation • eArchiving tools for database preservation	**Chair:** Kuldar Aas, National Archives of Estonia Hélder Silva, KEEP Solutions Portugal Luís Faria, KEEP Solutions Portugal
15:00-15:15	**Coffee break**	
15:15-16:30	**How to take up eArchiving ?** • Presentation on the Danish National Archives eArchiving journey • Presentation on the Publications Office eArchiving journey	**Chair:** Jože Škofljanec, National Archives of Slovenia Anders Bo Nielsen, National Archives of Denmark Maria Kardami, Publications Office of the European Union, Corinne Frappart, Publications Office of the European Union
16:30-17:00	**Wrap up**	

CEF Building Blocks and CEF eArchiving

CEF Building Blocks and CEF eArchiving

How are we connecting Europe?



Joao Rodrigues Frade
Head of Sector – CEF Building Blocks
DG DIGIT D3 – European Commission

Kelly Liljemo
Project Manager – CEF SMO
DG DIGIT D3 – European Commission

VISION

The Digital Single Market 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 cross borders

... and many, many more.

Commitment by the Member States

Public Administrations must deliver high quality, user-centric digital public services for citizens and seamless cross-border public services for businesses.

Tallinn Declaration

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

EU-wide Regulations

New EU-wide regulations are being designed to support the ongoing digital transformation, e.g.:

- 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 (interoperability).

So that citizens and businesses benefit from the convenience of digital services and can make the most of the digital single market.

EU Funding Programmes such as CEF

That contributes to the completion of the European Digital Single Market

I

CEF **funds** Commission projects to digitise key sectors

Justice, home affairs and citizens' rights		Science and Technology	Business	Employment and Social Rights
eJustice Portal	ODR	Open Data	BRIS	EESSI

The CEF Building Blocks across sectors

II

CEF provides **grants** to participate in projects.
Typically 'deployment' projects at national level (up to 75% of eligible cost)

How is the Commission helping PAs and businesses build digital services which comply to EU regulations?

Standards.

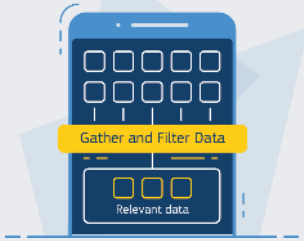
The Connecting Europe Facility's mission is to support projects to use basic components, based on standards, that will ensure systems can communicate with each other.

We call these basic digital components

Building Blocks.

Big Data Test Infrastructure

Explore and experiment with big data for improved performance and decision making

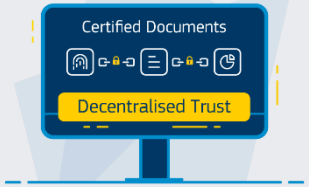


Context Broker

Analyse, manage and share data, in real time, at the right time, throughout Europe

eArchiving

Facilitates the preservation, migration, reuse and trust of your data

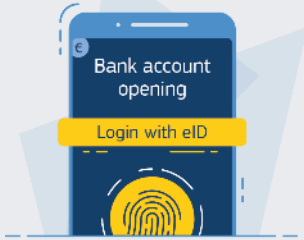


European Blockchain Services Infrastructure

Harness the power of a European-wide network of blockchain services, increasing trust through data security, privacy and transparency

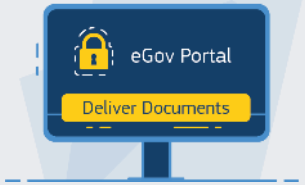
eInvoicing

Promote the implementation of the European standard for electronic invoicing across borders



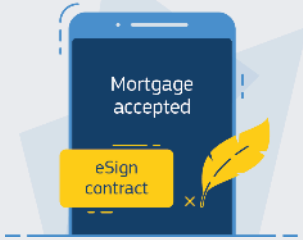
eID

Allow citizens to prove who they are across borders, making it easier to access online services in another EU Member State



eDelivery

Exchange online data and documents reliably and securely



eSignature

Create and verify electronic signatures between businesses and EU citizens

eTranslation

Offers machine translation to translate your documents and web content into any official EU language, Norwegian or Icelandic

Main Benefits

1

The building blocks are mature, ready to deploy solutions that will save projects time and money.

2

The building blocks are based on open European standards so you avoid vendor lock-in.

3

They help public administrations connect to collaborate to deliver a great European experience for citizens and businesses.

How do we support you?

1

Apply for grant funding to pay for the implementation of a building block

2

The CEF Digital website has details of a range of services across to support your implementation

3

Our service desk is available for you to provide answers to any questions you may have

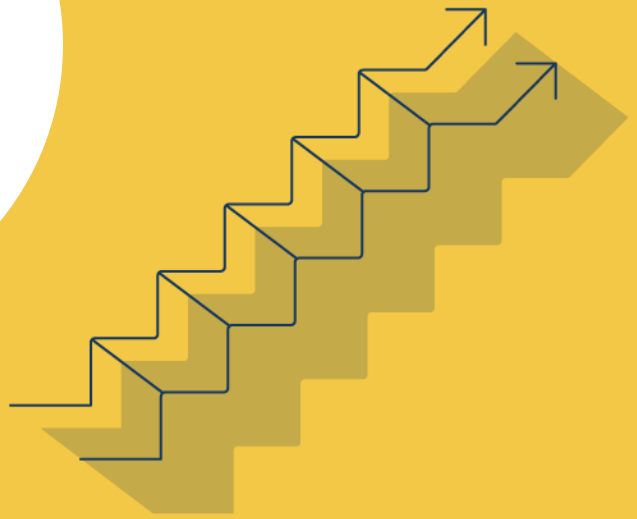
How many projects have used the building block?

170

projects

View Dashboard

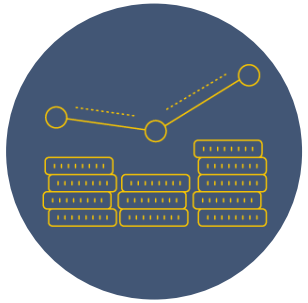
Growing potential cases are bringing us closer to fulfilling the dream.



Connected Europe

Vision

Great experience for citizens and businesses



Building a data-economy

Promoting cross-border interoperability

Meet the
Stakeholder Management Office (SMO)

How does the SMO support you?

Governance

Marketing

Community Building

Events, webinars, workshops

Onboarding

Monitoring and reporting

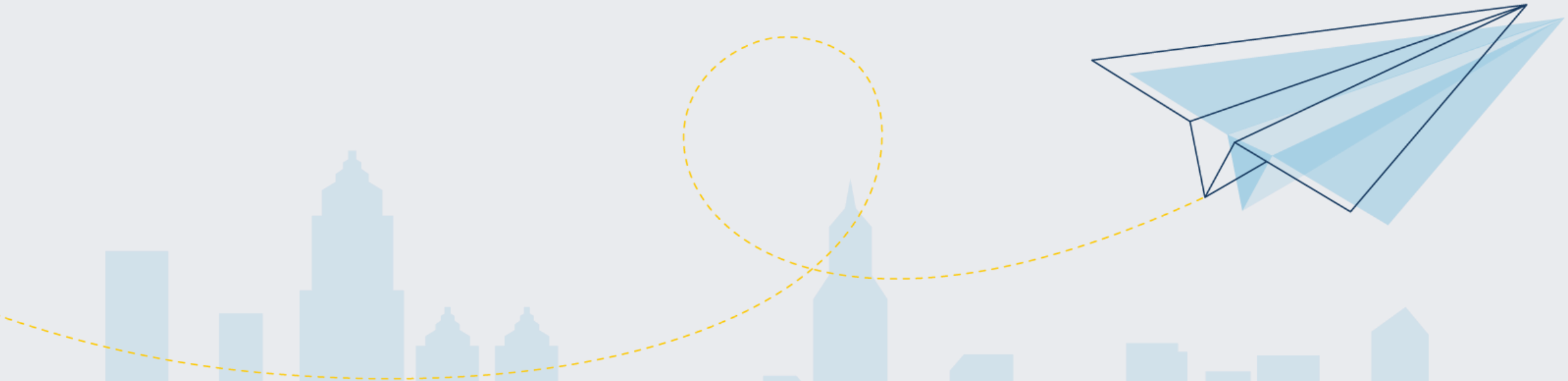
Contact us
cef-building-blocks@ec.europa.eu

#SMEsConnectingEurope
THINK BIG,
PLAY SMART,
STAND OUT!
Digital Innovation Challenge for Europe's SMEs and startups.
DigitalInnovationChallenge
EC-SMEs-Connecting-Europe@ec.europa.eu
https://ec.europa.eu/cefdigital/sme
European Commission

Ready to get started?

Reach out to us to learn more!

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



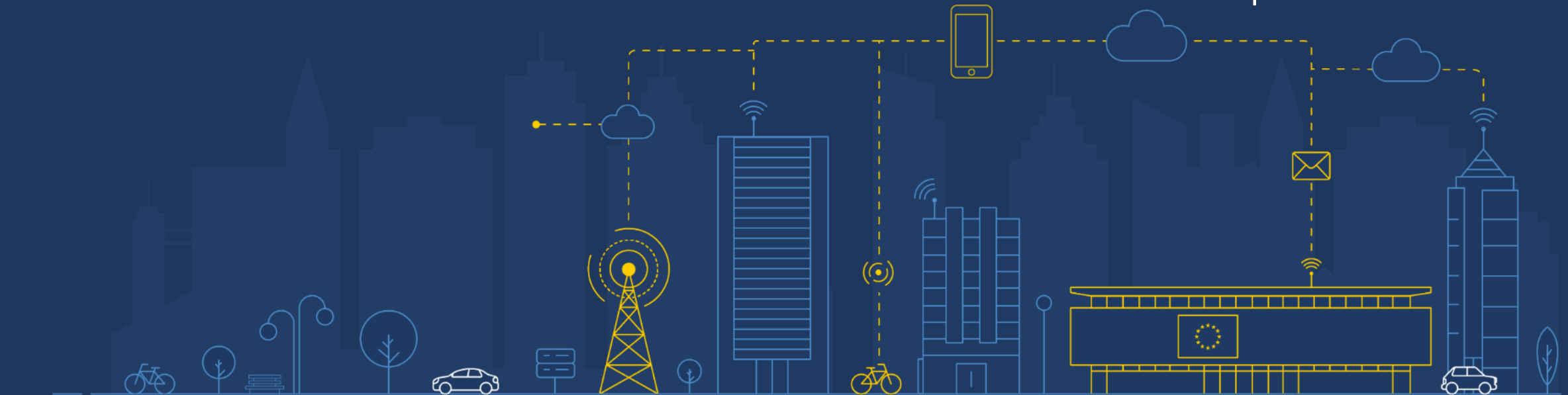
CEF Building Blocks and CEF eArchiving

Introducing CEF eArchiving

Fulgencio Sanmartín

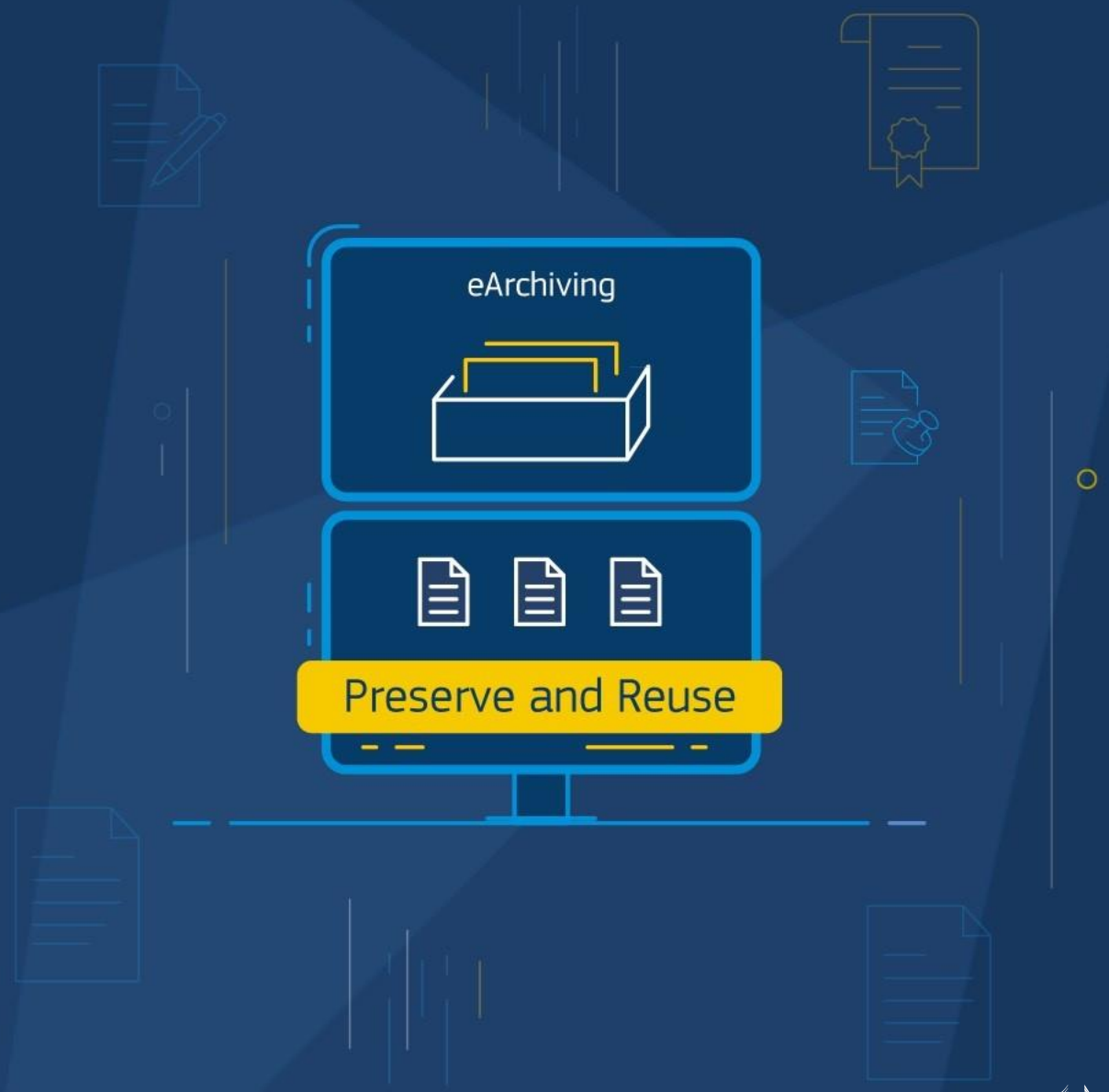
Policy Officer – Interactive Technologies, Digital for Culture and Education

DG CNECT G2 – European Commission



Meet #eArchiving

Learn how to preserve, migrate, reuse and trust your data



If you are a...

Public/international organisation

Then you are probably interested in...

Preserving

Trusting your data

If you are an...

Archivist in a big company or SME

Then you are probably interested in...

Reusing your data

Migrating to a better software or hosting

If you are a...

Service Provider

Then you are probably interested in...

Preserving

When clients trust their data
➡trust your service

Allowing easy migrations

Preserving your data in the long-term is challenging,

eArchiving is here to **make it easier for you**.

Preserve

eArchiving allows you to preserve your data in the long-term.

Migrate

eArchiving's interoperable standards and open source software enable you to migrate your data safely, even across different technologies.

Reuse

Interoperable standards and specifications ensure data remains accessible and easy to reuse.

Trust

eArchiving ensures that your data remains authentic, secure and unaltered.

Preserve

eArchiving allows you to preserve your data in the long-term.

- Do you need to keep your data for a **long time**?
- Have your **data** ever been **modified** by human intervention or by corruption of the physical support?
- Is your data collection **complete**?

Migrate

eArchiving's interoperable standards and open source software enable you to migrate your data safely, even across different technologies.

- Have you checked your backup devices (**DVDs/USB**?) in the last **5/10 years**?
- What kind of **formats** do you have for similar data?
- Do you trust **software or hosting** being reliable in the long-term? Even if their conditions or prices change?
- Any other preservation strategy? **Emulation**?

Reuse

Interoperable standards and specifications ensure that data remains accessible and easy to reuse.

- Do you archive **email**, **websites**, **databases**, **social**? In which format?
- Can you **find** and **filter** properly your data? Do you archive **descriptions** (metadata) with it?
- **Imagine** nobody from your team is available in 10 years. Will your data be usable by the future team?

Trust

eArchiving ensures that your data remains authentic, secure and unaltered.

- Do you have a **legal mandate** to store the data?
- Has anyone (or some AI) read or modified your data **without authorization or tracing**?
- Do you keep **versions** of your data? Metadata?

What can you expect from eArchiving?

Software

- Relational Database archiving and reuse tools
- Pre-ingest and SIP creation tools
- Long-term Repository solutions
- Access and Reuse tools

Standards

E-ARK Common Specification for Information Packages including:

- E-ARK Profile for Submission Information Package (SIP)
- E-ARK Profile for Archival Information Package (AIP)
- E-ARK Profile for Dissemination Information Package (DIP)

SIARD specification

Onboarding & Follow up

- Awareness raising
- Maturity Assessment Service
- Knowledge Center
- E-ARK General model

Support

- Service Desk
- Training and user guides

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Who is using the specifications?

National Archives

Financial Institutions

The Publications Office of the European Union

Will you be next?

Getting involved in eArchiving

What can you do?

- Reuse the eArchiving specifications
- Join the specifications discussion and development
- Use our services and support to help you get started
- Become a national CEF eArchiving ambassador
- Encourage your staff to get involved in eArchiving

CEF Digital

Let’s connect Europe, together.

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