eArchiving in Action

Workshop on 25, 27, 28 January 2021

European Commission, DG Cnect
Interactive Technologies, Digital for Culture and Education Unit
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Introduction to eArchiving

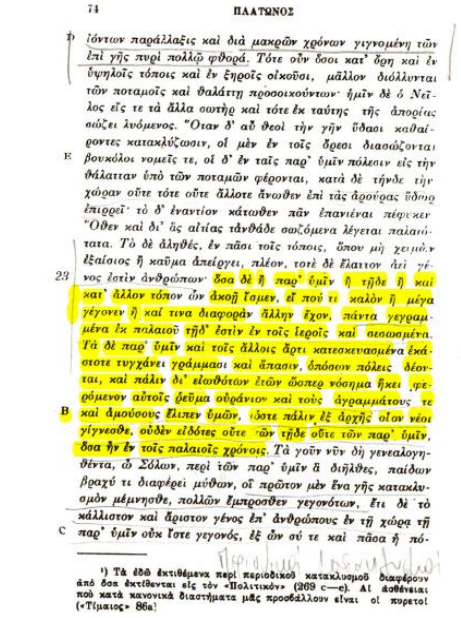
eArchiving in Action – 25th January 2021

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

DIGIT
Directorate-General for Informatics

E-ARK Consortium

Why do we preserve?


74 ΠΛΑΤΩΝΟΣ

ὄντων παράλλαξις καὶ διὰ μακρῶν χρόνων γιγνομένη τῶν
ἐπὶ γῆς πυρὶ πολλῷ φθορά. Τότε οὖν ὅσοι κατ' ὄρη καὶ ἐν
ὑψηλοῖς τόποις καὶ ἐν ξηροῖς οἰκοῦσι, μᾶλλον διόλλυνται
τῶν ποταμοῖς καὶ θαλάττῃ προσοικούντων· ἡμῖν δὲ ὁ Νεῖ-
λος εἰς τε τἆλλα σωτὴρ καὶ τότε ἐκ ταύτης τῆς ἀπορίας
σώζει λυόμενος. Ὅταν δ' αὖ θεοὶ τὴν γῆν ὕδασι καθαί-
ροντες κατακλύζωσιν, οἱ μὲν ἐν τοῖς ὄρεσι διασῴζονται
βουκόλοι νομεῖς τε, οἱ δ' ἐν ταῖς παρ' ὑμῖν πόλεσιν εἰς τὴν
θάλατταν ὑπὸ τῶν ποταμῶν φέρονται, κατὰ δὲ τήνδε τὴν
χώραν οὔτε τότε οὔτε ἄλλοτε ἄνωθεν ἐπὶ τὰς ἀρούρας ὕδωρ
ἐπιρρεῖ· τὸ δ' ἐναντίον κάτωθεν πᾶν ἐπανιέναι πέφυκεν.
Ὅθεν καὶ δι' ἃς αἰτίας ἐνθάδε σωζόμενα λέγεται παλαιό-
τατα. Τὸ δὲ ἀληθές, ἐν πᾶσι τοῖς τόποις, ὅπου μὴ χειμὼν
ἐξαίσιος ἢ καῦμα ἀπείργει, πλέον, τοτὲ δὲ ἔλαττον ἀεί γέ-
νος ἐστὶν ἀνθρώπων· ὅσα δέ ἢ παρ' ὑμῖν ἢ τῇδε ἢ καί
κατ' ἄλλον τόπον ὧν ἀκοῇ ἴσμεν, εἴ ποῦ τι καλὸν ἢ μέγα
γέγονεν ἢ καί τινα διαφορὰν ἄλλην ἔχον, πάντα γεγραμ-
μένα ἐκ παλαιοῦ τῇδ' ἐστὶν ἐν τοῖς ἱεροῖς καὶ σεσωσμένα.
Τὰ δὲ παρ' ὑμῖν καὶ τοῖς ἄλλοις ἄρτι κατεσκευασμένα ἑκά-
στοτε τυγχάνει γράμμασι καὶ ἅπασιν, ὁπόσων πόλεις δέον-
ται, καὶ πάλιν δι' εἰωθότων ἐτῶν ὥσπερ νόσημα ἥκει φερ-
όμενον αὐτοῖς ῥεῦμα οὐράνιον καὶ τοὺς ἀγραμμάτους τε
καὶ ἀμούσους ἔλιπεν ὑμῶν, ὥστε πάλιν ἐξ ἀρχῆς οἷον νέοι
γίγνεσθε, οὐδὲν εἰδότες οὔτε τῶν τῇδε οὔτε τῶν παρ' ὑμῖν,
ὅσα ἦν ἐν τοῖς παλαιοῖς χρόνοις. Τὰ γοῦν νῦν δὴ γενεαλογη-
θέντα, ὦ Σόλων, περὶ τῶν παρ' ὑμῖν ἃ διῆλθες, παίδων
βραχύ τι διαφέρει μύθων, οἳ πρῶτον μὲν ἕνα γῆς κατακλυ-
σμὸν μέμνησθε, πολλῶν ἔμπροσθεν γεγονότων, ἔτι δὲ τὸ
κάλλιστον καὶ ἄριστον γένος ἐν' ἀνθρώπους ἐν τῇ χώρᾳ τῇ
παρ' ὑμῖν οὐκ ἴστε γεγονός, ἐξ ὧν σύ τε καὶ πᾶσα ἡ πό-

[illegible]

[illegible]

[illegible]

What do we preserve?

Montage of photos taken by Voyager 1 and Viking 1 (Saturn, Dione, Mars), with an offer letter from JPL / NASA to the Museum voor Cultuur en Wetenschap. https://www.europeana.eu/en/item/2021657/resource_document_museon_119644

- Voyager 1 and 2 **preserve** the *humankind* **information**: 115 images, 90’ music, 21 earth sounds and greetings in 55 languages https://voyager.jpl.nasa.gov/golden-record/whats-on-the-record/
- On **a golden record** (not the cloud…) with a needle and **instructions** of use (metadata!) in **symbolic language**
- Launched in 1977, they are 21 and 17 light-hours far, off the Solar System since 1990 https://voyager.jpl.nasa.gov/mission/status/
- Thus, **what we do not preserve** is as important (and as difficult to decide) as what we do preserve.
- **Preserve for the future**

The consequence of not preserving

Popular Latest

The Atlantic

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NATIONAL

Most Scientific Research Data From the 1990s Is Lost Forever

A new study has found that as much as 80 percent of the raw scientific data collected by researchers in the early 1990s is gone forever, mostly because no one knows where to find it.

DANIELLE WIENER-BRONNER DECEMBER 23, 2013

https://www.theatlantic.com/national/archive/2013/12/scientific-data-lost-forever/356422/

Cited paper:
https://doi.org/10.1016/j.cub.2013.11.014

REPORT | VOLUME 24, ISSUE 1, P94-97, JANUARY 06, 2014

PDF [462 K

The Availability of Research Data Declines Rapidly with Article Age

Timothy H. Vines • Arianne Y.K. Albert • Rose L. Andrew • ... Jean-Sébastien Moore • Sébastien Renaut • Diana J. Rennison • Show all authors

Open Archive • Published: December 19, 2013 • DOI: https://doi.org/10.1016/j.cub.2013.11.014 •

Check for updates

The Digital Decade

- **Data, EU cloud**

  Is growing beyond borders, but 80% is never used.

  Archive, preserve for future re-use.

  Green and within the EU.

- **Tech, AI**

  Automated translation, metadata enrichment… with transparency in algorithms.

  Control of personal data, EU eIdentity.

- **Infrastructure**

  Improve connection in rural areas, from Scandinavian Arctic to the Mediterranean islands.

  20% of NextGenerationEU will be invested on digital.

https://www.europeana.eu/en/item/916118/S_TEK_photo_TEKI0013050

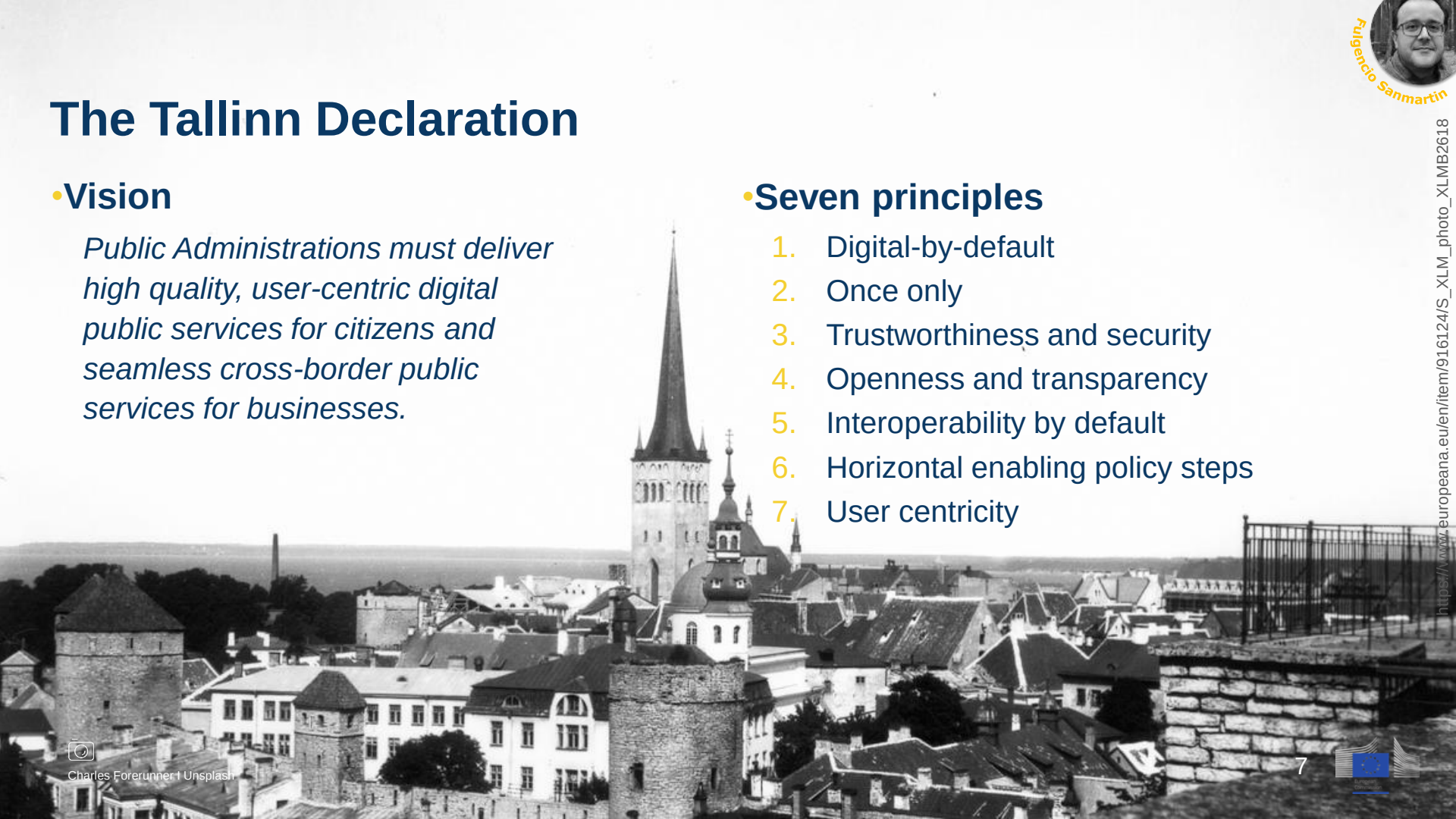
The Tallinn Declaration

- **Vision**

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

- **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



Charles Forerunner | Unsplash

https://www.europeana.eu/en/item/916124/S_XLM_photo_XLMB2618

https://www.europeana.eu/en/item/92085/9807

How is the Commission helping public and private entities build digital services which comply with EU regulations?

Standards

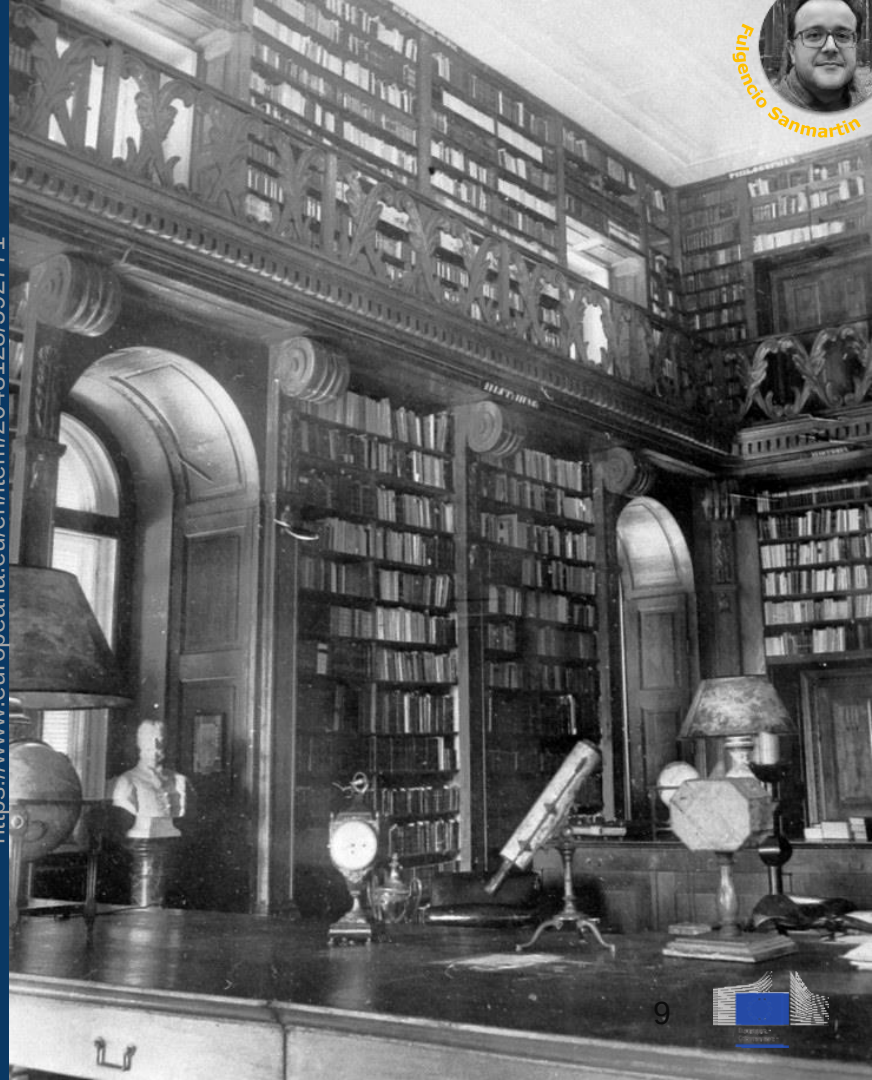
Our mission is to support projects to use basic components, based on standards, that ensure that systems will be able to communicate with each other.

We call these basic digital components

Building Blocks

eArchiving policy

- Digital **preservation**: in order to ensure the data re-use in years to come, we must rely on international standards, transparency, trustworthiness, interoperability.
- The **Data Governance Act** recommends the use of Building Blocks.
- **Reach wider:** other levels of public admin, organisations, solution providers, SMEs; and various domains, like cultural heritage, justice, finance, environment…
  Call CEF-TC-2020-2 eArchiving, evaluation ongoing
- **Validation** and **conformance:** to encourage wider adoption of eArchiving, we will offer an *EC eArchiving Building Block conformant* stamp.



https://www.europeana.eu/en/item/2048128/592771

SPEAKERS

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Danish National Archives

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Independent Consultant
Gabinete UMBUS SL

Diogo Proença
Researcher
University of Lisbon

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EC – DG CNECT G2

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Poliphon Kft, Hungary
and DLM Forum

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Training Manager
Highbury R&D, Ireland

Janet Anderson
DNA Coordination Team
E-ARK3 Consortium

Karin Bredenberg
Metadata Strategist
Sydarkivera, Sweden
and DLM Forum

Kuldar Aas
Deputy Director
Digital Archives of Estonia

Agenda

- Digital Preservation and eArchiving
- E-ARK Consortium
- eArchiving Services
- Case Study

E-ARK3 Consortium

Who are we?

Republic of Estonia
National Archives

Rigsarkivet

Republic of Slovenia
Ministry of Culture
Archives of the Republic of Slovenia

AIT Austrian Institute of Technology

The National Archives of Finland

GEOARH
Mapping History

SYDARKIVERA.
Ett e-arkiv värt att lita på

DLM Forum

piql

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

highbury
associates ivs

XAMK
South-Eastern Finland
University of Applied Sciences

ES Solutions

POLIPHON
Orchestrating Business Processes

Carlota Bustelo
Consultoría independiente

inesc id
lisboa

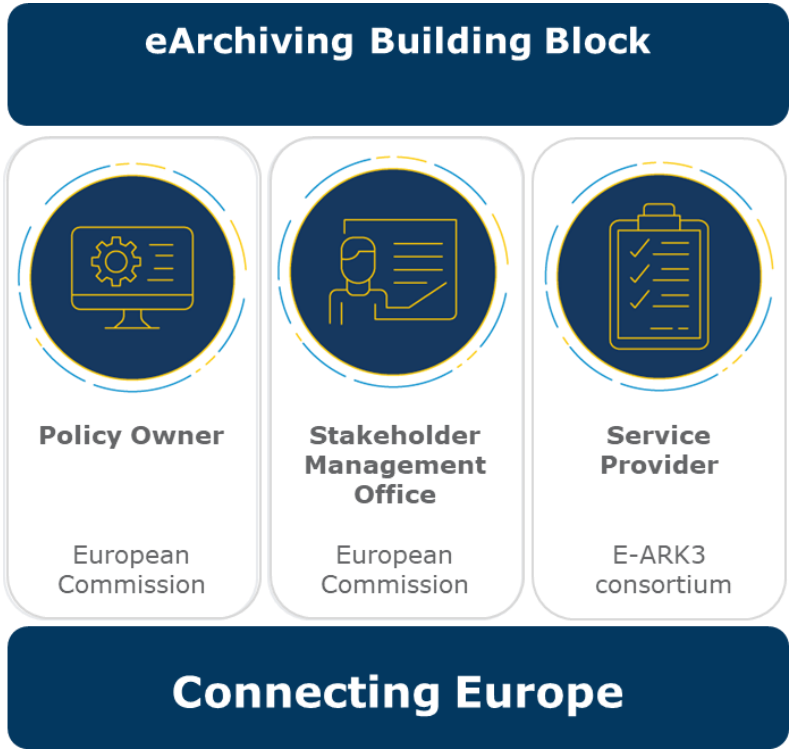
Open
Preservation
Foundation

ARKIVVERKET

keep.
Preserving the future

E-ARK3 Consortium

What is our role within eArchiving?



We are here!

Interview

Janet Anderson
DNA Coordination Team

Carlota Bustelo
Independent Consultant
Spain

Question:

Digital Archiving is a Europe-wide challenge.

What do you think are the issues, both in Spain in particular, and in Europe more generally?

- What do we mean by digital archiving?
- Boundaries with other systems
- Two approaches in Spain
- Decide approach before using eArchiving
- Legislation
- Electronic transfer vs digital archiving
- Paper-based mindset

Question:

How important are standard systems for Spain and other countries in Europe in order to be able to compete in the Digital Single market?

- The most important thing!
- Compete, cooperate, interoperate
- Following the EU's lead
- eSignature, Blockchain
- Mandatory or recommended practices are useful

The Digital Single Market

A vibrant cross-border, cross-sector digital ecosystem throughout Europe that will help public administrations, private enterprises and citizens make the most of the single market.

Tax declarations
Declare your taxes online, saving time and reducing administrative burden

Online banking
Open and manage a bank account remotely and securely

Studying abroad
Enroll in a foreign university online

Business across borders
Set up a business in another Member State, establishing cross-border supply chains

Digital preservation
Our decisions, our Law and finance, our culture, preserved for future re-use

Online payments
Authenticate online payments securely, for businesses and citizens

Meet the Building Blocks

Big Data Test Infrastructure

Explore and experiment with Big Data for improved performance and decision-making.

Context Broker

Gather, manage and share context data, in real time, throughout Europe.

eArchiving

Facilitate 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

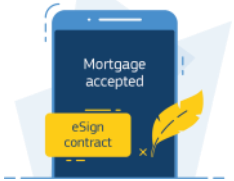
Promote the implementation of the European standard for electronic invoicing across borders.

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.

Once Only Principle

Re-use data held by Public Administrations.

eTranslation

Use machine translation to translate your documents and web content into any official EU language, and many more.

CEF Building Blocks videos: https://www.youtube.com/channel/UCaPOT_MBdE-kL5AJQzrCBDw

What does it mean for stakeholders?

Data Producers

Archives

Solution Providers

Awareness

Sustainability

Collaboration

Data Producers

- ✓ You have valuable digital information to be kept over time
- ✓ This information is located in information systems close to be decommissioned
- ✓ Your information management strategy fails when you try to access digital information in old systems

eArchiving approach

Packaging your information in a way that could be understood overtime independently from technology

Archiving the packages in a repository or archive for managing them over time:
- You can build your own;
- You can select an external one.

Archives

- ✓ You receive digital information and don´t know how to manage it
- ✓ Producers need to transfer you digital information and don’t know how to do it
- ✓ You are digitising your holdings and don´t know how to manage master copies
- ✓ You own a digital repository but are not sure about its usability over time

eArchiving approach

Building or improving your repository using an standardised way to ingest, archive and disseminate the information packages. Don’t reinvent the wheel

Participating in a network to share your needs and experiences with other archives for finding solutions

Transfer or sharing easily your information packages with other archives when needed

Solution Providers

- ✓ Your digital archiving solution clients are asking for customisation at any time
- ✓ Your solution for managing information lacks the component of digital preservation over time
- ✓ You have a product related to digital archiving that needs to be positioned in the market

eArchiving approach

Incorporating or adapting standardised information packages to your solution

Reusing software components or develop your own validating your solution as eArchiving conformant

Marketing your products within Data Producers and Archives in a common understanding of the issue

eArchiving is not just about specs and software!!!

ENABLING SERVICES *enable the adoption of the core services*

SOFTWARE		OPERATIONS SERVICES	
Sample software		**Testing services**	**Supporting services**
Relational Database archiving and reuse tools	Long-term Repository solutions	* Compliance Testing and Validation	Service desk
Pre-ingest and SIP creation tools	* Access and Reuse tools		* Training service

ENHANCING SERVICES *enhance customer experience*

STAKEHOLDER MANAGEMENT SERVICES	
Stakeholders follow-up	**Knowledge Exchange**
Stakeholders onboarding	Knowledge Centre
* Maturity Assessment Service	* Reference Architecture

E-ARK TECHNICAL SPECIFICATIONS

Specifications		
E-ARK Common Specification for Information Packages		
E-ARK Profile for Submission Information Package (SIP)	E-ARK Profile for Archival Information Package (AIP)	E-ARK Profile for Dissemination Information Package (DIP)
E-ARK SIARD CITS specification	E-ARK Geospatial CITS specification	E-ARK ERMS CITS specification
* E-ARK eHealth1 CITS specification	* E-ARK eHealth2 CITS specification	* E-ARK PREMIS CITS specification
* E-ARK GIS CITS specification	* E-ARK Archival Description CITS specification	

RELATED SPECIFICATIONS & STANDARDS

ISO 14721:2012 (OAIS)	EAD3
PREMIS	ISAAR-CPF
METS	EAC-CPF
eCH SIARD	ISDIAH
HL7 Family	EAG
ISAD-G	INSPIRE Directive
EAD	

LEGEND

* Services under development

AUDIENCE CONCERNED BY ALL SERVICES:

- A Archives
- P Data Producers
- S Solution Providers

CORE SERVICES *facilitate cross-border/cross-sector technical interoperability among heterogeneous archival information systems*

eArchiving Services

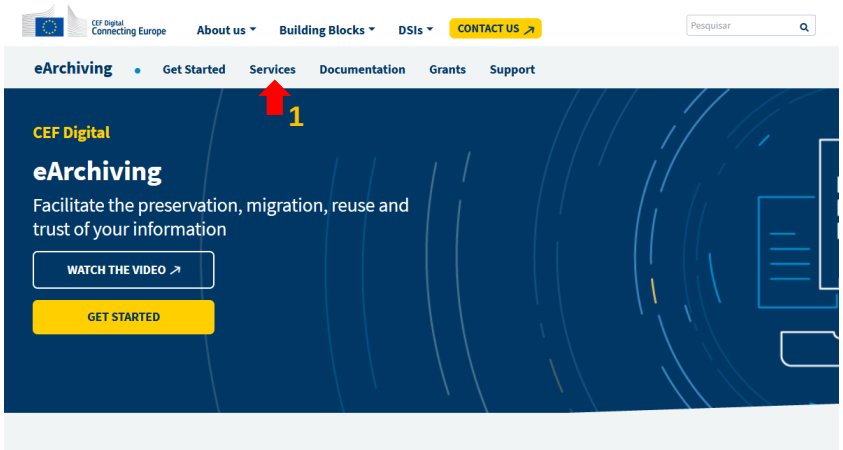
- User engagement and outreach
- Specification maintenance and development
- Sample software, technical support and testing services
- Training

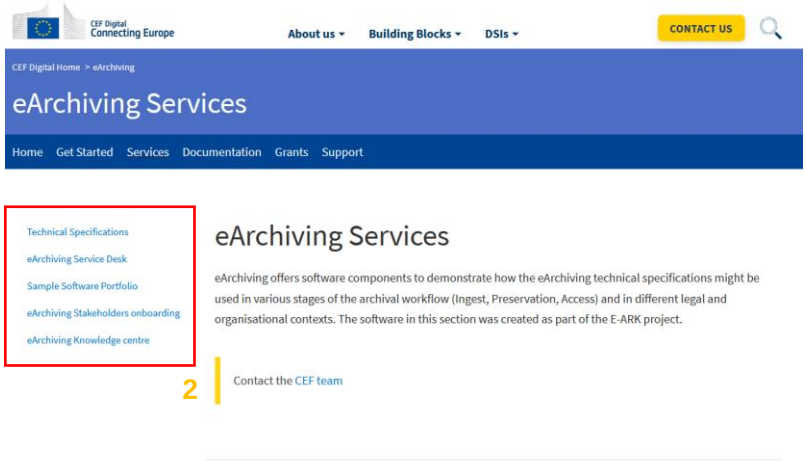
eArchiving services

How to find the services

eArchiving Website

https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eArchiving





Colbert Presenting the Members of the Royal Academy of Sciences to Louis XIV in 1667, c. 1680. Found in the Collection of Musée de l'Histoire de France, Château de Versailles. Heritage Images / Getty Images

User engagement and outreach

Diogo Proença

Carlota Bustelo

István Alföldi

eArchiving services

Stakeholders Onboarding – Start onboarding

Service Desk

Through the system or email

E-mail

To any of the Consortium members, DLM Forum secretariat, Service Desk email

Social Media

LinkedIn and Twitter

Use #eArchiving

Events

Events, DLM Forum, Webinars and training events, external events

eArchiving services

Stakeholders Onboarding - Onboarding process

Discovery		Set up					Improvement	
PROSPECTING	**ELICIT** requirements	**SELECT** eArchiving solutions	**DESIGN** eArchiving infrastructure	**DEPLOY** eArchiving solutions	**INTEGRATE** w/ other solutions	**OPERATE** eArchiving solutions	**ASSESS**	**IMPROVE**

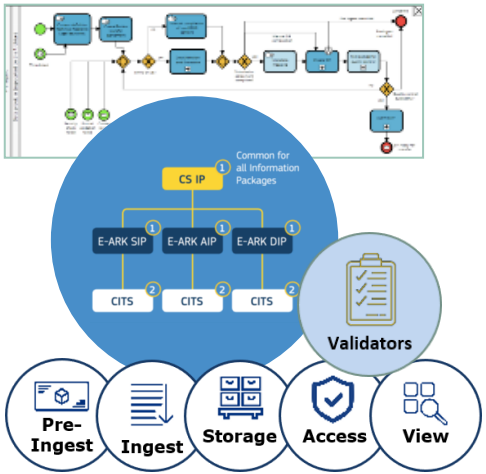
In each step we expect your feedback

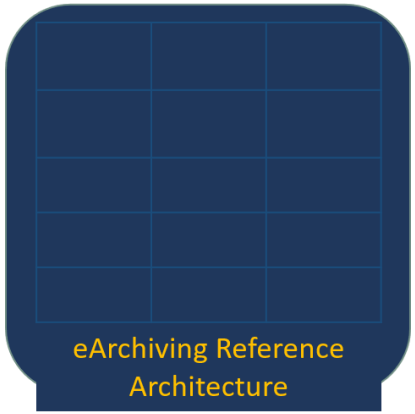
Additional details

https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eArchiving+Stakeholders+onboarding

eArchiving services

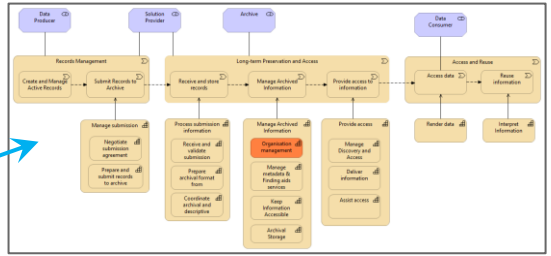
Stakeholders Onboarding - Reference Architecture

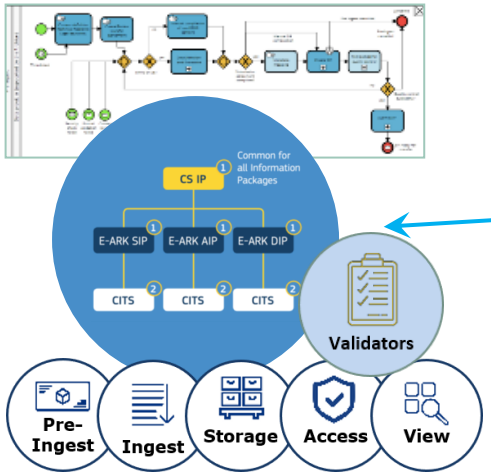




eArchiving services

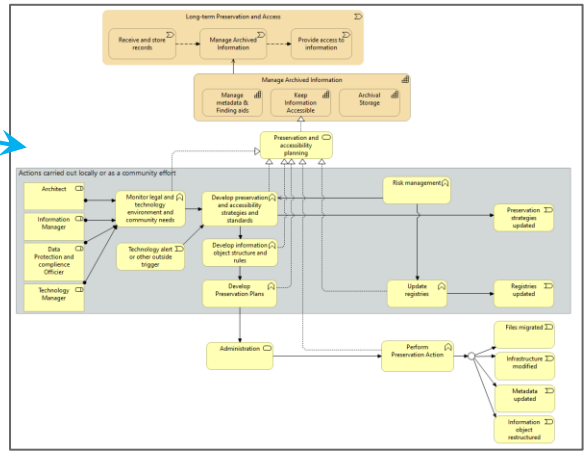
Stakeholders Onboarding - Reference Architecture





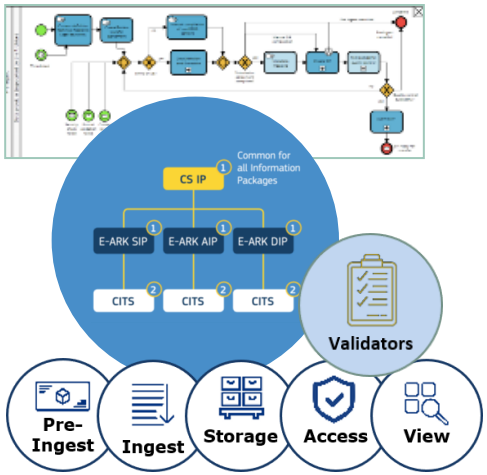
Strategy	What you need?
Business	What you do?
Application	How?
...	

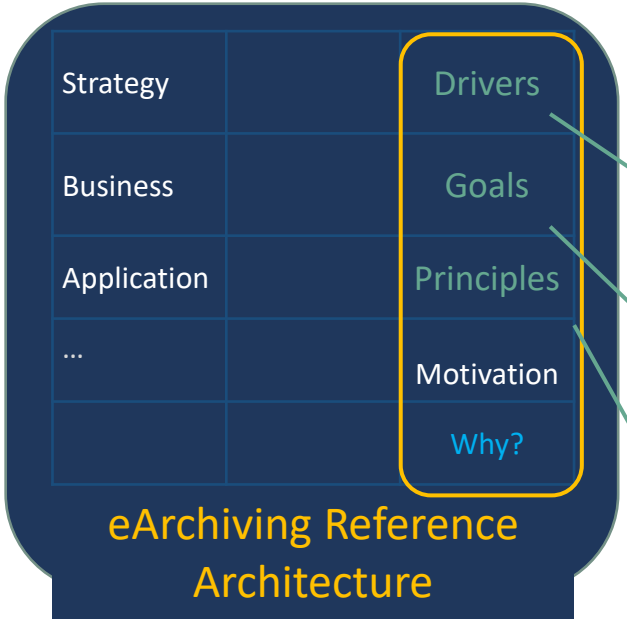
eArchiving Reference Architecture

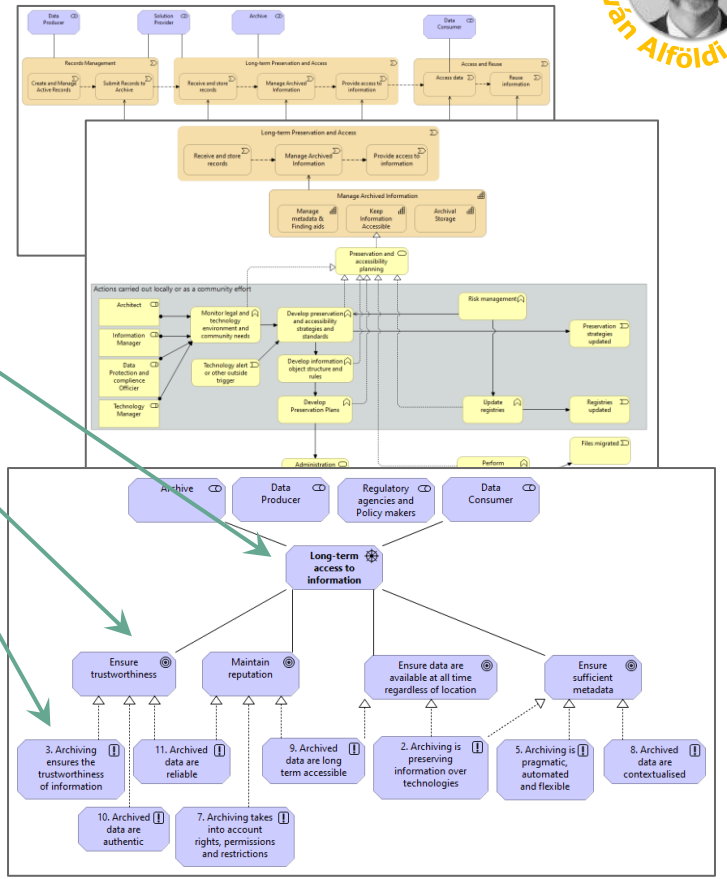


eArchiving services

Stakeholders Onboarding - Reference Architecture







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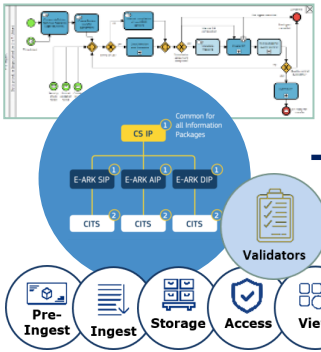
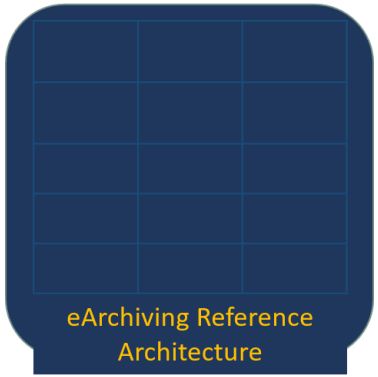
Stakeholders Onboarding - Reference Architecture





Data Producers

- Better understanding of the concepts and approaches of long-term preservation and accessibility
- Better communication with archives
- Better understanding of the impact of digital archiving legislations

Archives

- Easier, more effective and economical solutions
- Interoperability between organisations and systems
- Better communication with producers and regulatory agencies

Solution Providers

- Cheaper implementation and maintenance
- Better mapping product scope to archival solutions
- Pan-European market potential

eArchiving services

Stakeholders Onboarding – Plans

Core Domains

Archives

Government

Businesses

New Domains

Finance

Piloting eArchiving solutions on information systems at the EC Directorate for Taxation and Customs

eHealth

Scoping possible actions

Research

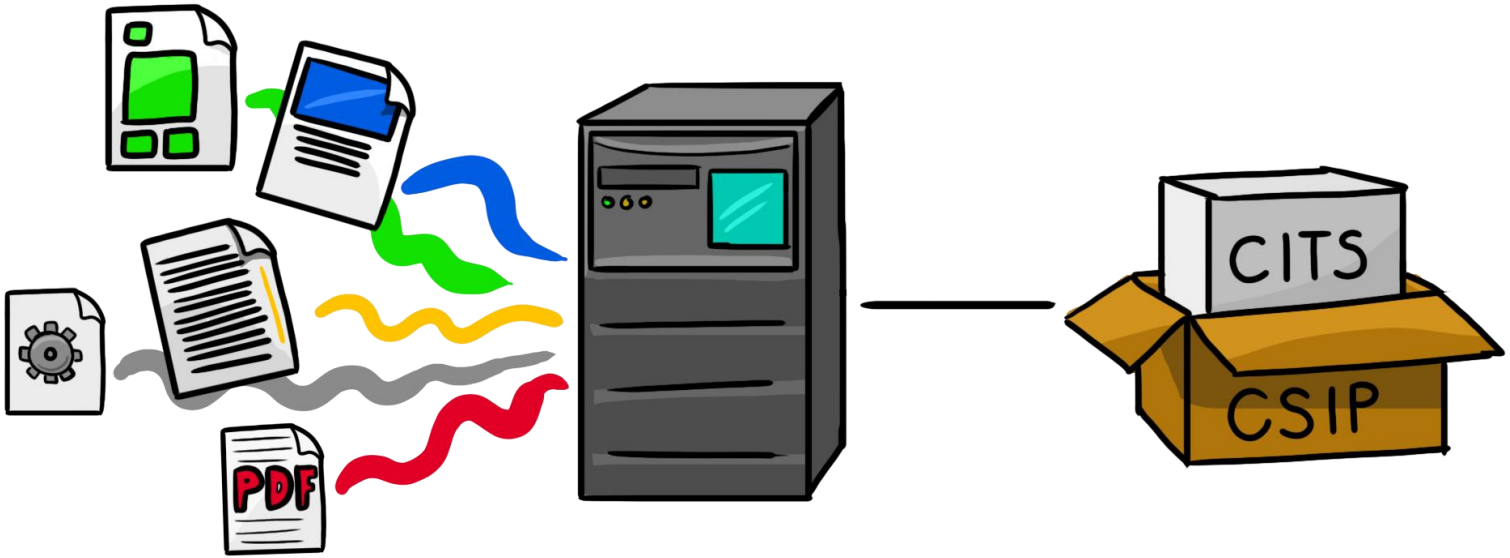
Research data communities through RDA and EOSC

Specification Maintenance and Development

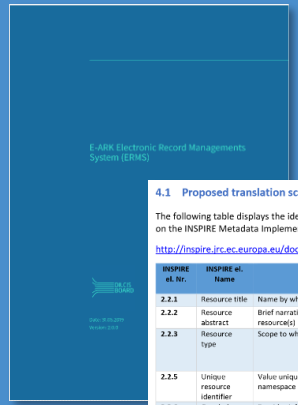
Karin Bredenberg

The data chaos

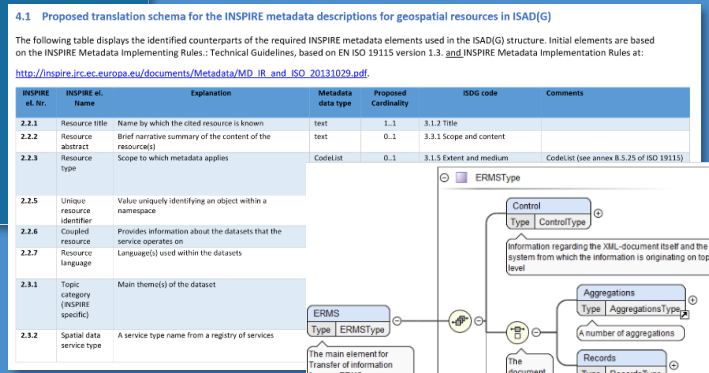
We need order in the chaos



A specification and the documents



Specification



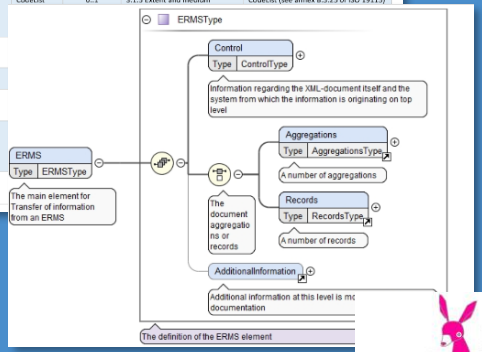
4.1 Proposed translation schema for the INSPIRE metadata descriptions for geospatial resources in ISAD(G)

The following table displays the identified counterparts of the required INSPIRE metadata elements used in the ISAD(G) structure. Initial elements are based on the INSPIRE Metadata Implementing Rules.: Technical Guidelines, based on EN ISO 19115 version 1.3. and INSPIRE Metadata Implementation Rules at:

http://inspire.jrc.ec.europa.eu/documents/Metadata/MD_IR_and_ISO_20131029.pdf.

INSPIRE el. Nr.	INSPIRE el. Name	Explanation	Metadata data type	Proposed Cardinality	ISDG code	Comments
2.2.1	Resource title	Name by which the cited resource is known	text	1..1	3.1.2 Title	
2.2.2	Resource abstract	Brief narrative summary of the content of the resource(s)	text	0..1	3.3.1 Scope and content	
2.2.3	Resource type	Scope to which metadata applies	CodeList	0..1	3.1.5 Extent and medium	CodeList (see annex B.5.25 of ISO 19115)
2.2.5	Unique resource identifier	Value uniquely identifying an object within a namespace				
2.2.6	Coupled resource	Provides information about the datasets that the service operates on				
2.2.7	Resource language	Language(s) used within the datasets				
2.3.1	Topic category (INSPIRE specific)	Main theme(s) of the dataset				
2.3.2	Spatial data service type	A service type name from a registry of services				

Requirements



XML-Schema/Schemas

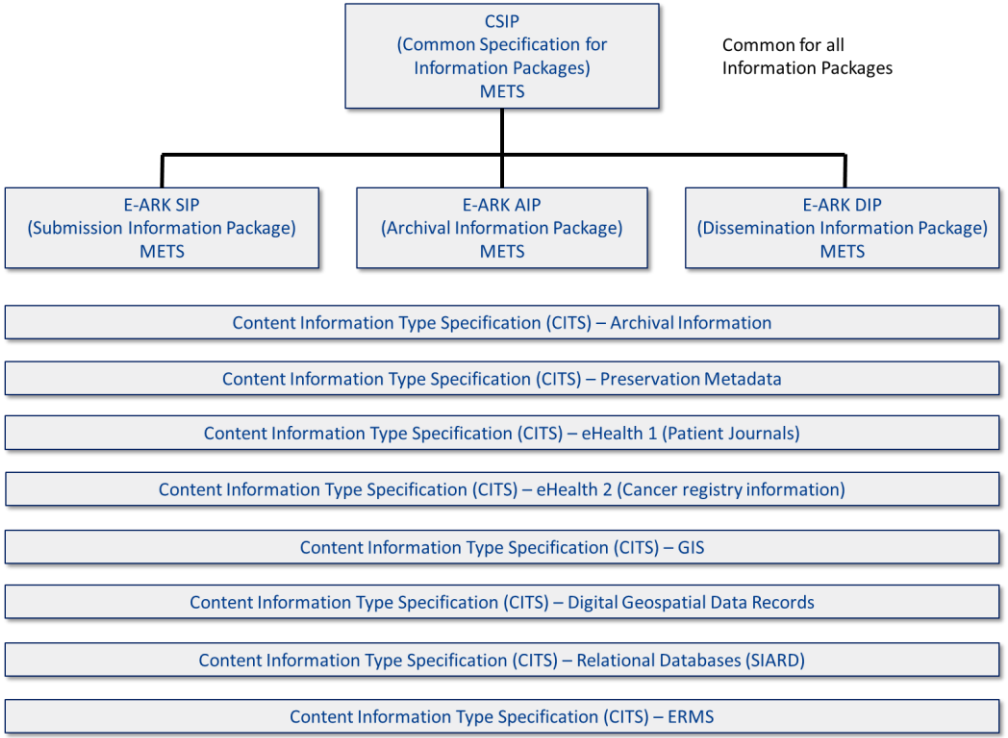
Expression of requirements not

Guideline

Example

Specifications

https://github.com/DILCISBoard https://dilcis.eu/ https://dilcis.eu/reviews/current-reviews



Sample software, technical support and testing services

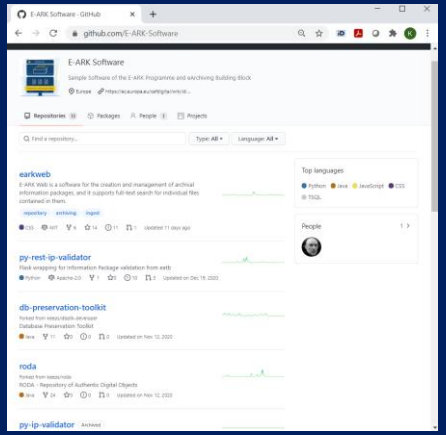
Kuldar Aas

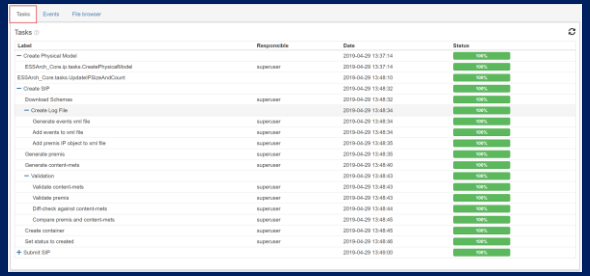
Would you like to have a fancy digital archive for your organisation?

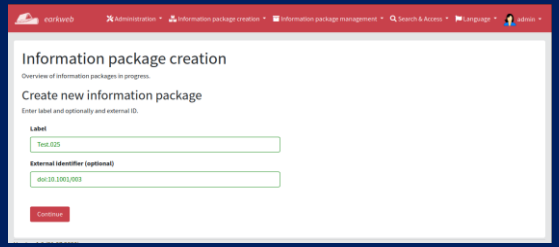
You can’t sleep because the software you offer does not support E-ARK specifications?

You are not the “A4 type“, instead of reading long documents you want to see things in action?

eArchiving Sample Software has you covered!







Pre-Ingest

Ingest

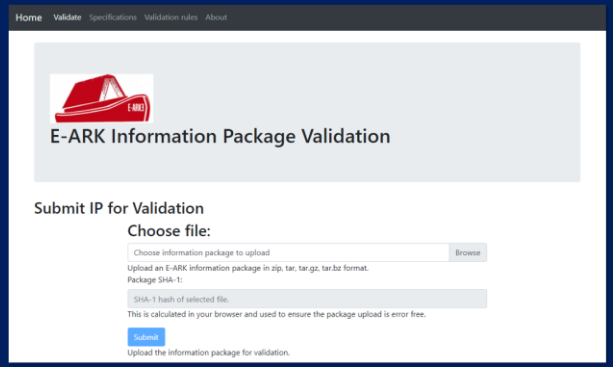
Storage

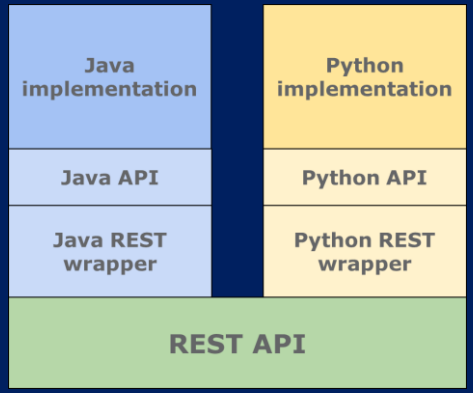
Access

View

Find our open-source software at https://github.com/E-ARK-Software and https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Sample+Software+Portfolio

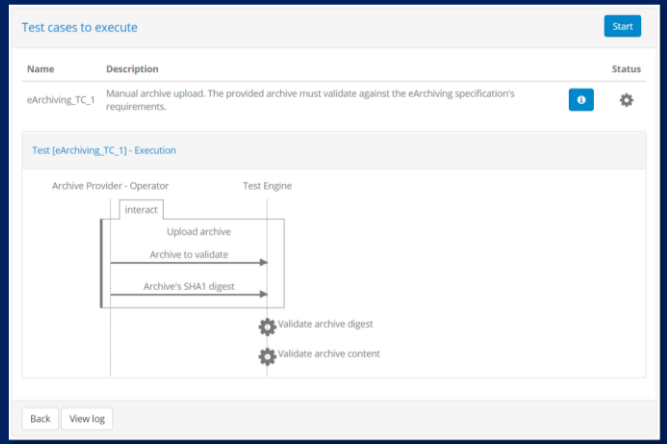
How do you know if an Information Package conforms to E-ARK specifications?





E-ARK specification validation is now available in two flavours: try it on web or download from GitHub!

How do you know if a piece of software is conformant with the eArchiving Building Block?



Pre-Ingest

Ingest

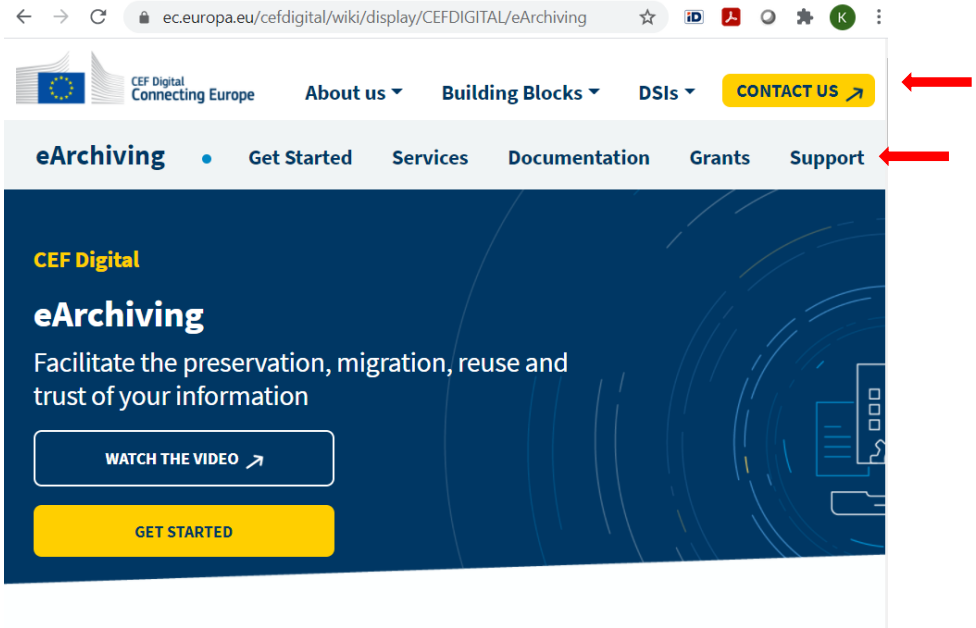
Storage

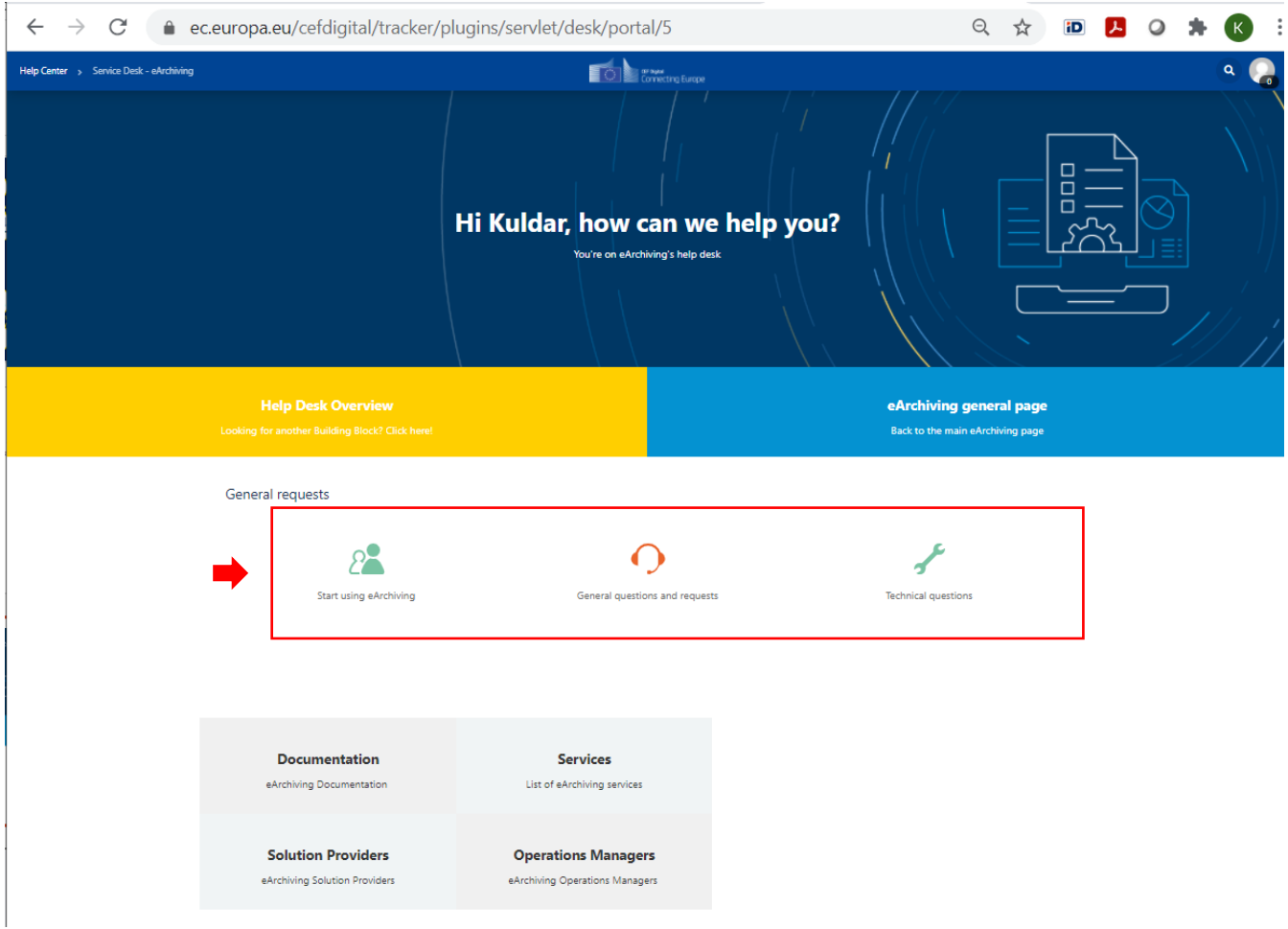
Access

View

eArchiving Service Desk

Provides user support on the overall eArchiving service offering. It acts as the Single Point of Contact (SPOC) to address questions, incidents, requests and changes reported by the Users.



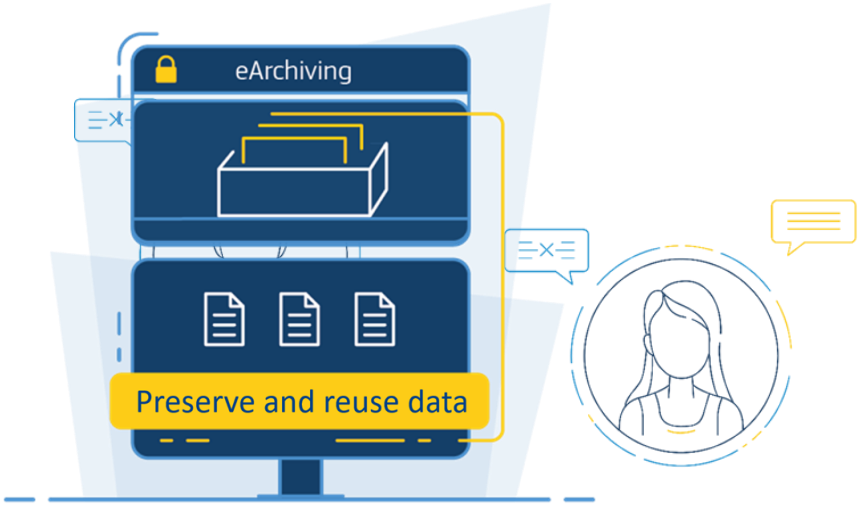

ec.europa.eu/cefdigital/tracker/plugins/servlet/desk/portal/5
Help Center
Service Desk - eArchiving
Hi Kuldar, how can we help you?
You're on eArchiving's help desk
Help Desk Overview
Looking for another Building Block? Click here!
eArchiving general page
Back to the main eArchiving page
General requests
Start using eArchiving
General questions and requests
Technical questions
Documentation
eArchiving Documentation
Services
List of eArchiving services
Solution Providers
eArchiving Solution Providers
Operations Managers
eArchiving Operations Managers

Kuldar Aas

Training

Jaime Kaminski

eArchiving training is based on actual user requirements



eArchiving services

Training - Training Needs Analysis

EUSurvey

Create better online surveys and forms

Login

Register

Edit Contribution

Download Contribution

E-ARK

E-ARK3 is currently conducting a Training Needs Analysis for digital archiving as part of the Connecting Europe Facility (CEF) eArchiving Building Block. The need for eArchiving training has never been greater. In the last two decades, governments, businesses and individuals have become increasingly digital. So much so that ninety per cent of the data in the world today has been generated in the last two years.

Data on this scale brings opportunities but it also brings challenges. The problem for memory institutions is that archiving even a small fraction of this data will become a massive burden. Long-term repositories dealing with this deluge must implement appropriate specifications, tools and workflows capable of processing huge quantities of information in an increasing variety of formats. Organizations in the archiving ecosystem need to be aware of the different approaches, systems and formats that can be implemented.

The aim of E-ARK3 is to promote a deeper engagement with and access to, eArchiving services. One of the ways that we will achieve this is by offering training. The following Training Needs Analysis will help ensure that the training developed is appropriate for our target communities, and meets their actual needs.

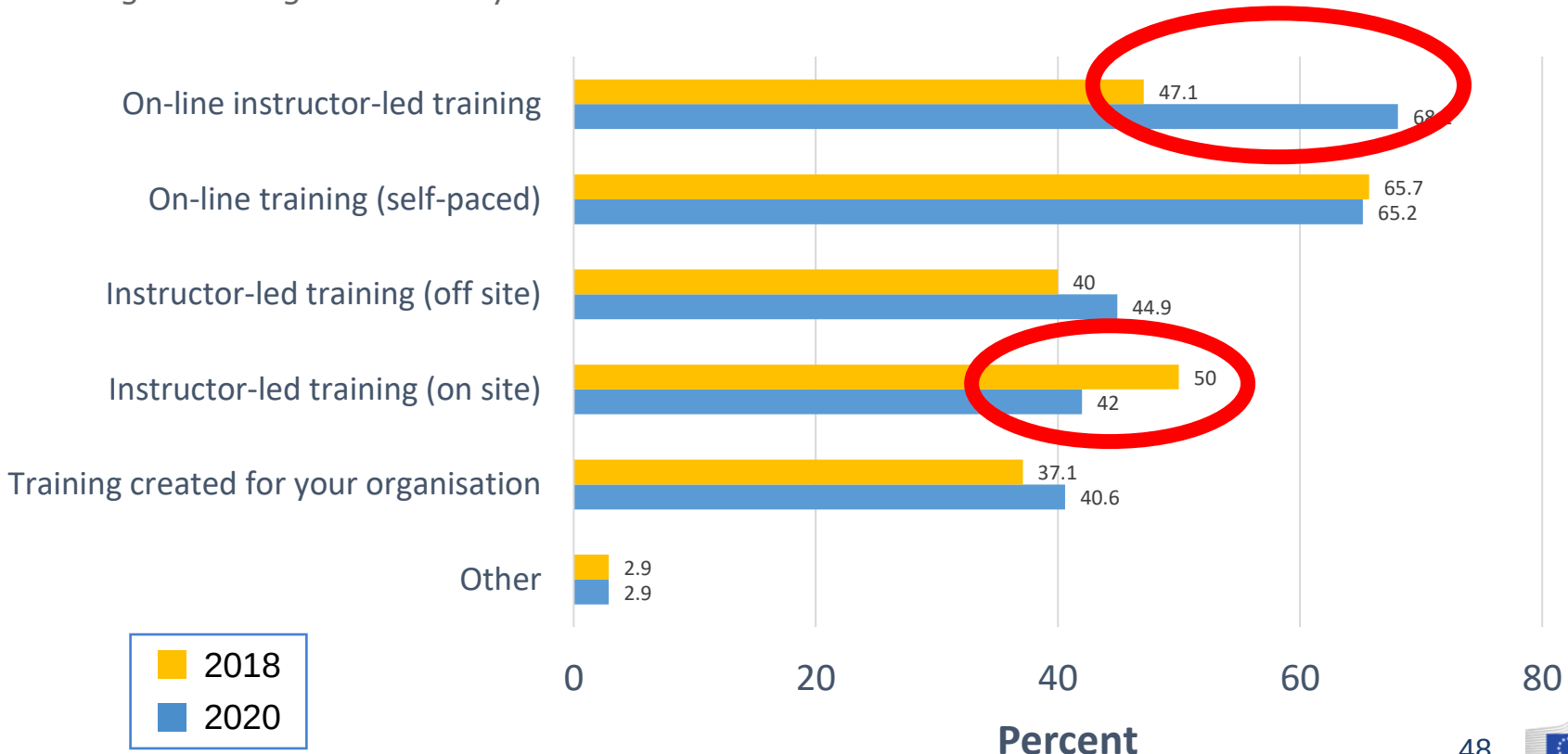
Your contribution to this questionnaire will help shape this training. Please encourage your colleagues and staff to respond. It should take about 10 minutes to complete.

Next

https://bit.ly/2psSep4

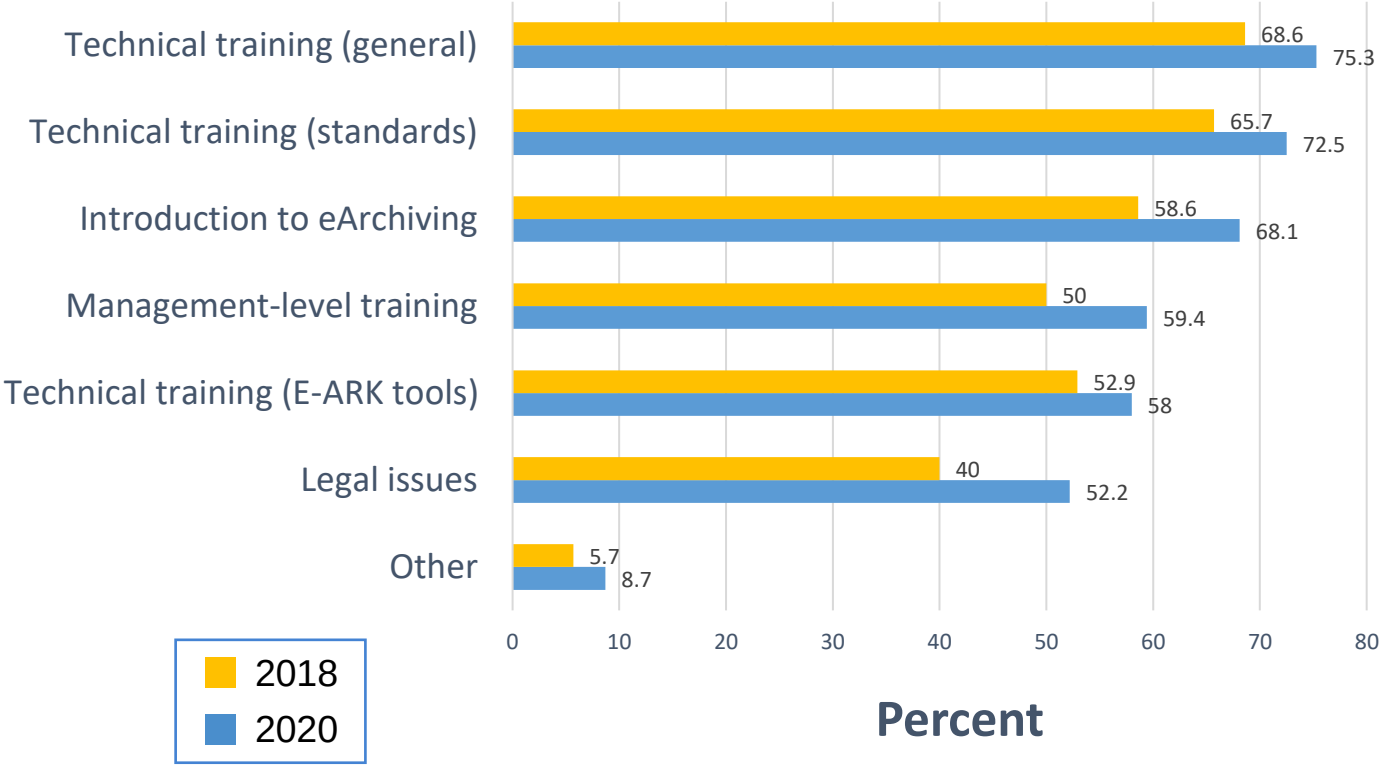
eArchiving services

Training - Training Needs Analysis



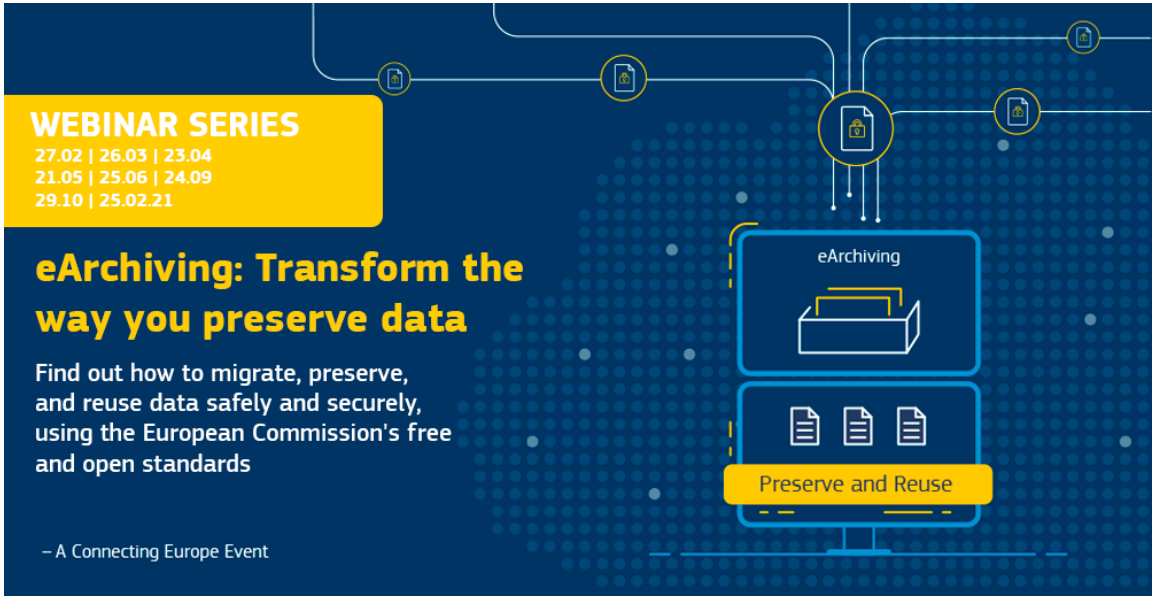
eArchiving services

Training - Training Needs Analysis - Analysis



eArchiving services

Training – Webinars



https://bit.ly/2NcF7Rb

All recordings from the webinars are available

Pages

CEF eArchiving Webinar #2 - "Introduction to ESSArch – an open source-based solution for long-term preservation of digital information"

Created by Sophia BUNEMANN, last modified by Thomas FILLIS on May 13, 2020

About this webinar

On **26 March 2020 (10.00 – 13.00 CET)** this live Webinar, followed by an interactive Q&A session, introduced ESSArch- an open source-based solution for long-term preservation of digital information.

In the second of the CEF eArchiving Building Block's training webinars, Andreas Segerberg and Björn Skog introduced ESSArch, an open source archival solution compliant to the OAIS ISO-standard and a part of the Sample Software Portfolio in the Building Block. ESSArch consists of software components that provide functionality for Pre-Ingest, Ingest, Preservation, Access, Data Management, Administration and Archival Management. ESSArch has been developed together with the National Archives of Sweden and Norway. Every software component of ESSArch can be used individually and also be easily integrated together to provide overall functionality for producers, archivists and consumers.

The live webinar, followed by an interactive Q&A session, was an opportunity for attendees to:

- learn about ESSArch, its functionality and components
- gain insight into how ESSArch supports the E-ARK-specifications and Submission Agreements
- find out how the system can support your organisations workflows and needs

Participants **submitted questions** and suggested **discussion points** beforehand using the comments section below or by sending an email to CEF-BUILDING-BLOCKS@ec.europa.eu.

Access recording

Ask us a question!

If you have any additional comments or questions on the webinar, or generally concerning CEF eArchiving or the Service Offering, please reach out to us via Service Desk.

Contact us

You will need to be logged in using an EU Login account to submit a request. Don't have an EU Login account yet? Sign up here.

The Creator Organisation, in our case, would often be the local government body for which I work. But it would also often be a third party which is depositing records with us. Can third-party organisations have an interface with the Producers part?

Yes. An export from a source system can be packaged by the ESSArch Pre-Ingest functionality automatically, semi-automatically or manually. Even details about the depositing organisations can be added as metadata.

2020 webinar series

Date	Title	Presenter	Organisation
February 27, 2020	Introduction to CSIP	Karin Bredenberg	Sydarkivera
March 26, 2020	Introduction to ESSArch – An open source-based solution for long-term preservation of digital information	Andreas Segerberg and Bjorn Skog	ES Solutions
April 23, 2020	Preserving digital geospatial records	Gregor Završnik	Geoarh
May 21, 2020	The digital preservation service process – a use case from the National Archives of Finland	Katja Suomilammi	National Archives of Finland
June 25, 2020	RODA – an end-to-end solution for digital preservation	Hélder Silva	KEEP SOLUTIONS
- Summer Break -			
September 24, 2020	DBPTK – an eArchiving solution for database archiving	Luis Faria	KEEP SOLUTIONS
October 29, 2020	Introduction to compliance and validation	Carl Wilson and Costas Simatos	OPF and CEF

2021 webinar series

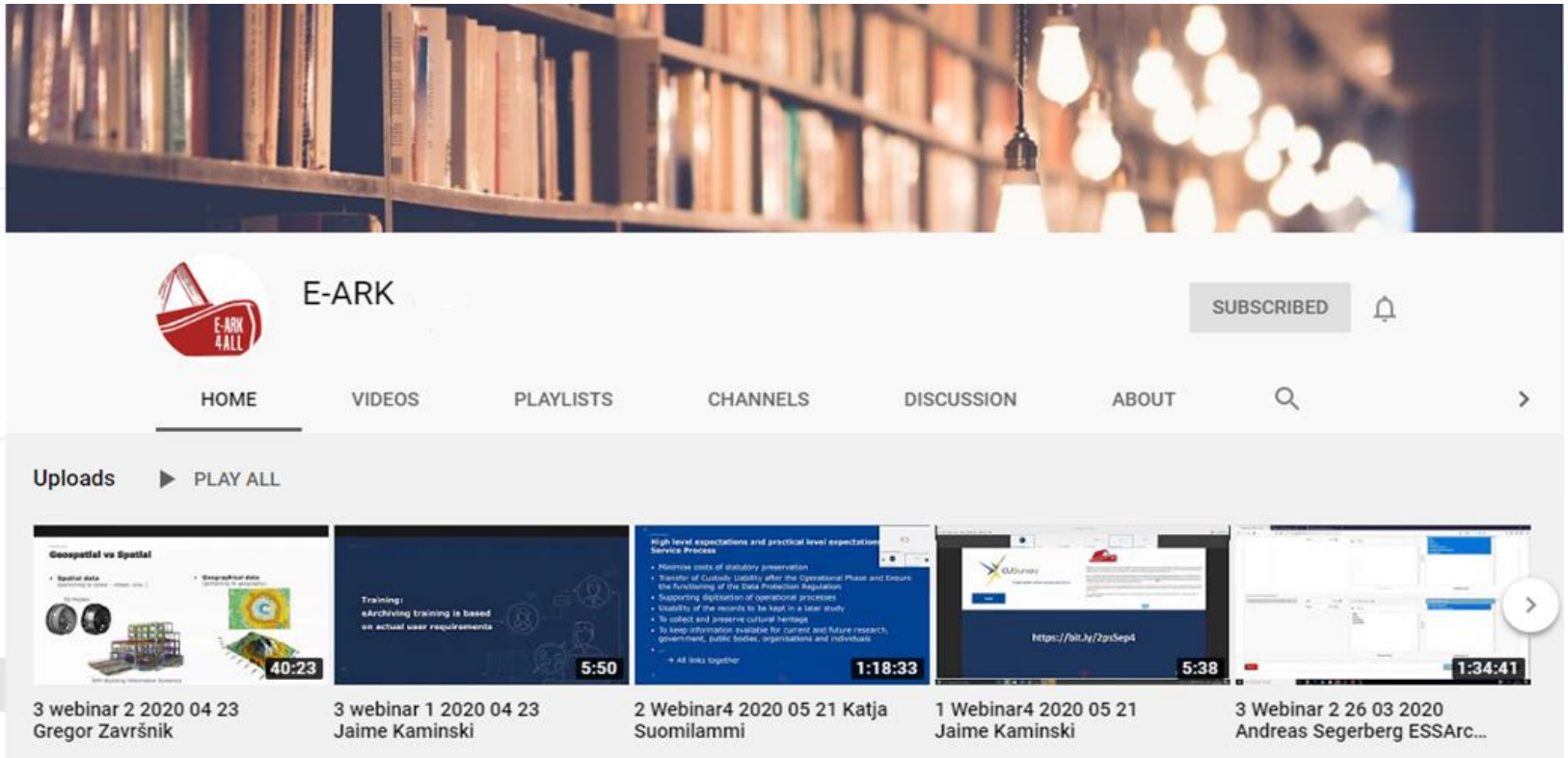
Date	Title	Presenter	Organisation
February 25, 2021	E-ARK web	Sven Schlarb	AIT
March 25, 2021	An introduction to CITS eHealth1	Stephen Mackey	Piql
April 29, 2021	An introduction to SIARD	TBC	TBC
May 13, 2021	eArchiving conformance made simple – open-source software from the Building Block	Kuldar Aas	National Archives of Estonia
May 27, 2021	Introduction to CSIP (Part 2)	Karin Bredenberg	Kommunalförbundet Sydarkivera
June 10, 2021	Practical applications of digital archiving – Part 1 (validation)	Björn Skog	ES Solutions
June 24, 2021	Practical applications of digital archiving – Part 2 (submission agreements)	Björn Skog	ES Solutions
- Summer Break -			
September 16, 2021	The eArchiving Reference Architecture	István Alföldi	Poliphon
September 30, 2021	Validation and conformance (part 2)	Carl Wilson and Costas Simatos	OPF and CEF
October 28, 2021	CITS Geospatial (part 2)	Gregor Završnik	Geoarh

Register at https://bit.ly/2NcF7Rb

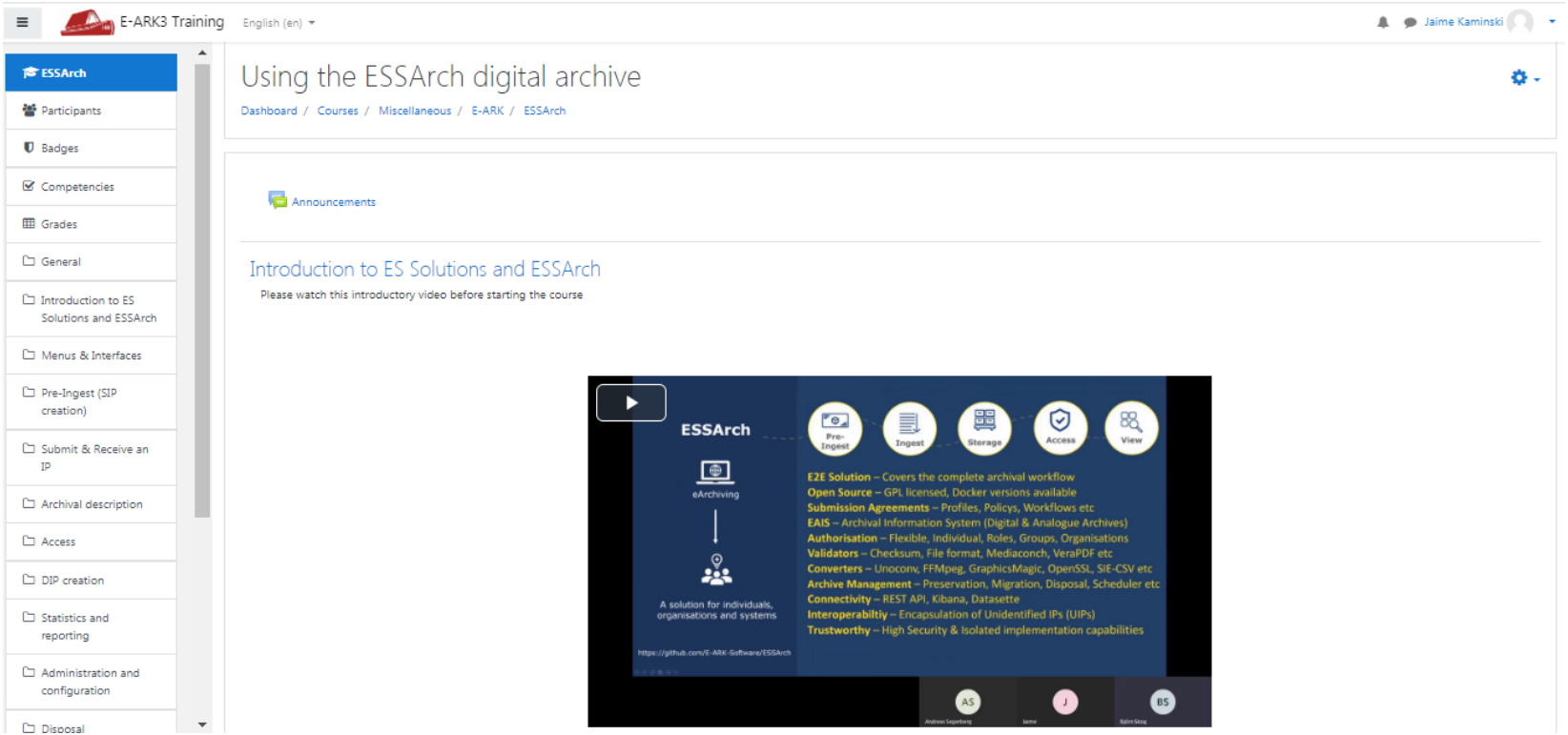
Previous webinar recordings

Session	What you'll learn	Date & Time*	Webinar presentation & recording	Link to Q&A
Webinar #1: Introduction to CSIP	• CEF eArchiving welcome • Why have a common standard? • Core principles for an information package • Elements and attributes used for describing a package • Extending CSIP to meet more needs • METS in E-ARK CSIP	• 27th February 2020: 10:00 - 11:00	 Recording: CEF webinar CSIP	CEF Webinar #1: Q&A
Webinar #2: Introduction to ESSArch – an open source-based solution for long-term preservation of digital information	• CEF eArchiving welcome • Introduction to ESS and ESSArch • Pre-Ingest and Ingest • Archival and Data Management • Access and Portal • Reports, Statistics, Monitoring and API • Configuration and Administration • ESSArch Installation procedures	• 26th March 2020: 10:00 - 13:00	 Recording: Part 1 - Part 2 - Part 3 - Part 4- Part 5	CEF Webinar #2: Q&A
Webinar #3: Preserving digital geospatial records	• CEF eArchiving welcome • Geospatial data and its role in organisations • How could you benefit form E-ARK specifications for geospatial data preservation? • Strategies for implementing an accessible geospatial records archive • Proactive preservation in new and existing systems	• 23rd April 2020: 10:00 - 11:15		CEF Webinar #3: Q&A

Available at https://bit.ly/2NcF7Rb



Access out YouTube channel at https://bit.ly/3mSwM5W



Moodle training platform available at https://bit.ly/3cFSFk1

Case Study

- Italian Central Archives

Case Study

Italian Central State Archives (ACS), Rome - Details

Archivio Centrale dello Stato

- Challenge: to Create a Digital Archive from scratch;
- Need for a comprehensive model of the whole archiving process;
- Analysed several models;
- E-ARK model chosen for extensive and sound methodology;
- Silvia Trani, State Archivist, attended Meet eArchiving event, December 2019;
- ACS onboarded CSIP, SIP, ERMS CITS in April 2020;
- Success story at https://bit.ly/3o5KO3t

Case Study

Italian Central State Archives (ACS), Rome - Benefits

Archivio Centrale dello Stato

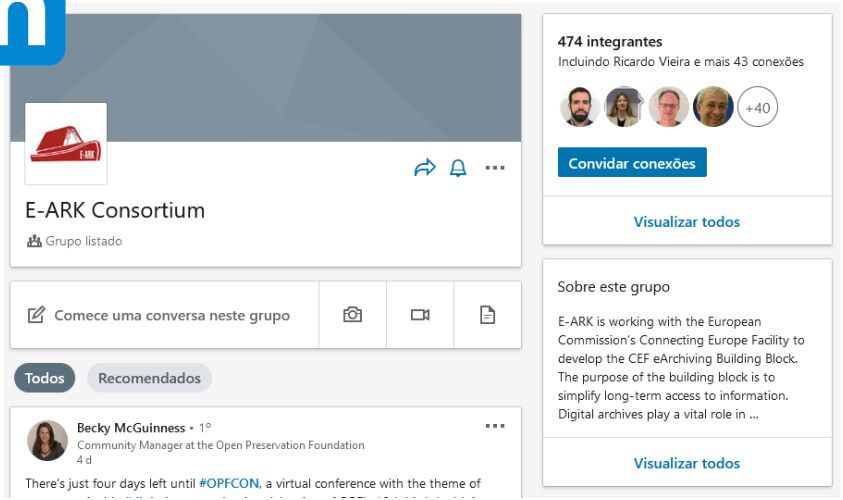
- Specifications are based on real-life experience;
- Comprehensive and user-friendly documentation;
- A clear method to building the best-fitting solution;
- Freedom to mix and match specifications and solutions;
- A stable, friendly, open community;
- Free open-source software;
- Save time and effort in software development: time halved.

Keep in touch

https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eArchiving

Keep in touch

Social Networks



https://www.linkedin.com/groups/8343650/

https://twitter.com/earkproject

Keep in touch

Contact form

Please fill in the form below if you wish to stay in touch with CEF eArchiving Building Block.

* Name

* Organization

* Email

@

Phone number

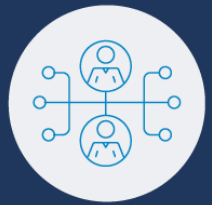
If you would like to be contacted by a CEF eArchiving Building Block expert regarding the onboarding and adoption of the eArchiving Building Block for a planned or existing project?

- Yes
- No

https://bit.ly/3iaDxwU

Fill the simple questionnaire and we will get in touch with you

What can you do?



1

Join the specifications discussion and development

2

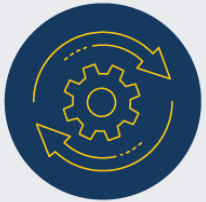
Start using the eArchiving specifications and open-source software

3

Provide feedback to help us improve solving your problems

4

Use our support services to help you get started



5

Become an eArchiving ambassador

6

Get involved and encourage your staff to get involved too

Is eArchiving for me?

Yes, if you need to guarantee access to your information in the future.

What we can help you achieve

Transfering information assets to repositories and between generations of technology

Long term integrity and authenticity of your data

Comply with specifications and standards (OAIS, E-ARK, METS)

Preserve and access data over extended periods of time

Presentation and recording will be available through the eArchiving website