

E-ARK4ALL - the project that created the eArchiving building block

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Berlin, 25th April 2019

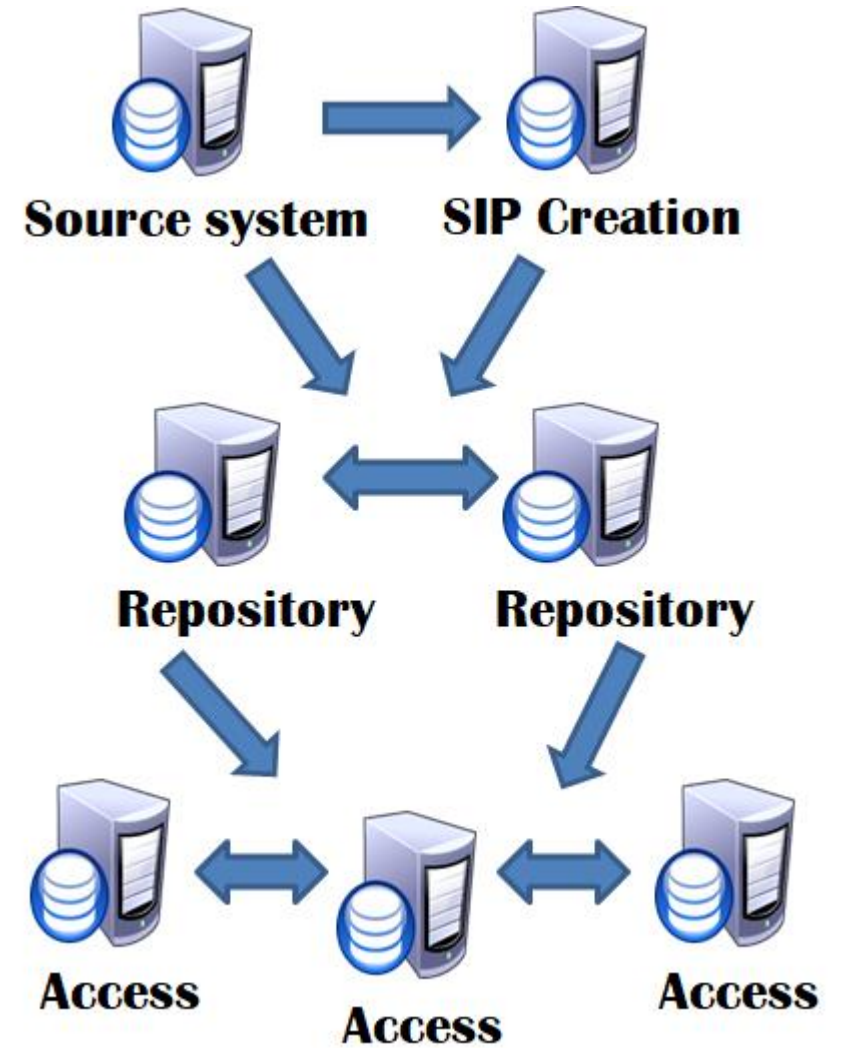


E-ARK

E-ARK is about interoperability

Goal:

Interoperability between data sources, archives and reuse environments is improved to a point where digital preservation tools can be reused across borders and institutions



E-ARK

E-ARK outcomes:

Specifications

Sample tools

Pilots

Knowledge Centre



* all available at <http://eak-project.com/>

E-ARK

DILCIS Board

- Maintain the E-ARK Specifications
- DILCIS: **D**igital **I**nformation **L**ifeCycle **I**nteroperability **S**tandards
- More information available at www.dilcis.eu



Digitalbevaring.dk

The **CEF building blocks** are a **collection of specifications, software and services structured in a service offering** that can be reused in any European project to facilitate the delivery of digital public services across borders



IDENTIFY *with*

eID



SIGN *with*

eSignature



EXCHANGE *with*

eDelivery



INVOICE *with*

eInvoicing



TRANSLATE *with*

eTranslation

eArchiving Building Block Governance

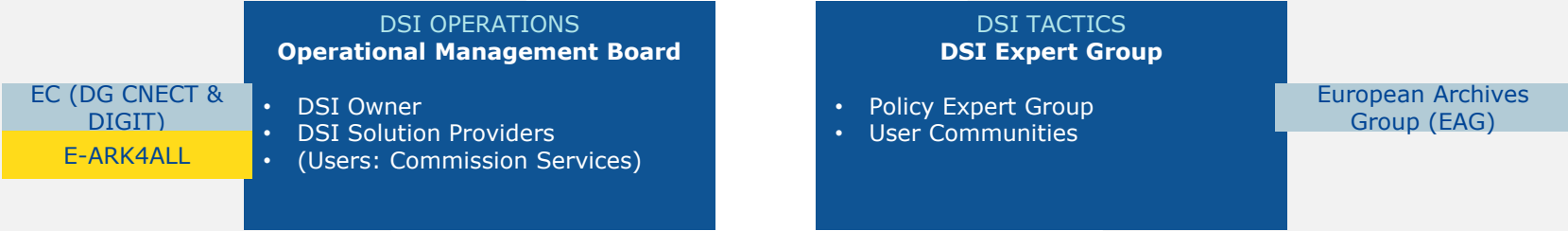
CEF POLICY



CEF IT STRATEGY & COORDINATION



CEF DSIs IMPLEMENTATION



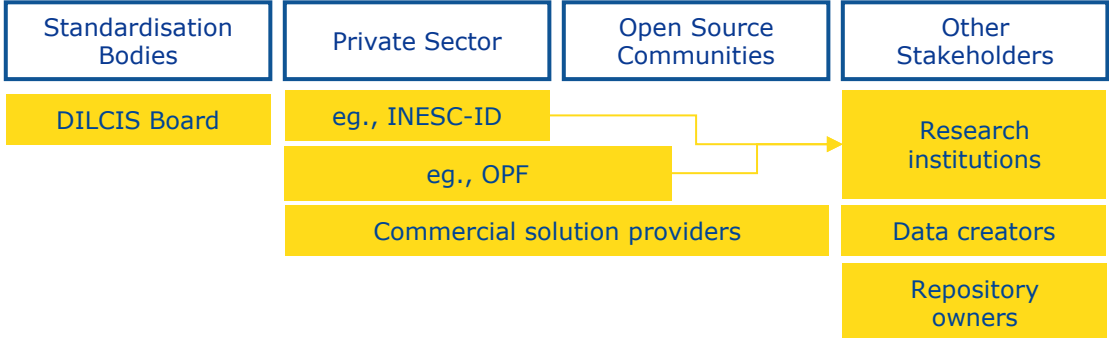
DSI = Digital Service Infrastructure

CEF DSIs STAKEHOLDERS

LEGEND

eArchiving

European Commission



E-ARK4ALL Consortium

- The Danish National Archives (Coordinator)
- The Swedish National Archives
- The DLM Forum MTÜ, Estonia
- Austrian Institute of Technology (AIT)
- Keep Solutions, Portugal

DLM Project Members:

- National Archives of Estonia, Norway, Slovenia; Federal Archives of Germany, Switzerland
- OPF, ES Solutions; Geoarh, Gregor Završnik, s.p.; Easy Lean OÜ; Poliphon; Mikkel University of Applied Sciences; Instituto de Engenharia de Sistemas e Computadores (INESC-ID); Highbury Associates IVS; Gabinete UMBUS SL



eArchiving Building Block Overview: Objectives

Experts in national archiving setting out with a common purpose



From information



To organised repositories



Collaboration



Facilitate research



Promote cross-border adoption



Broaden areas of application

eArchiving Building Block Overview: Goals



Reduced cost of implementation



Long-term solution

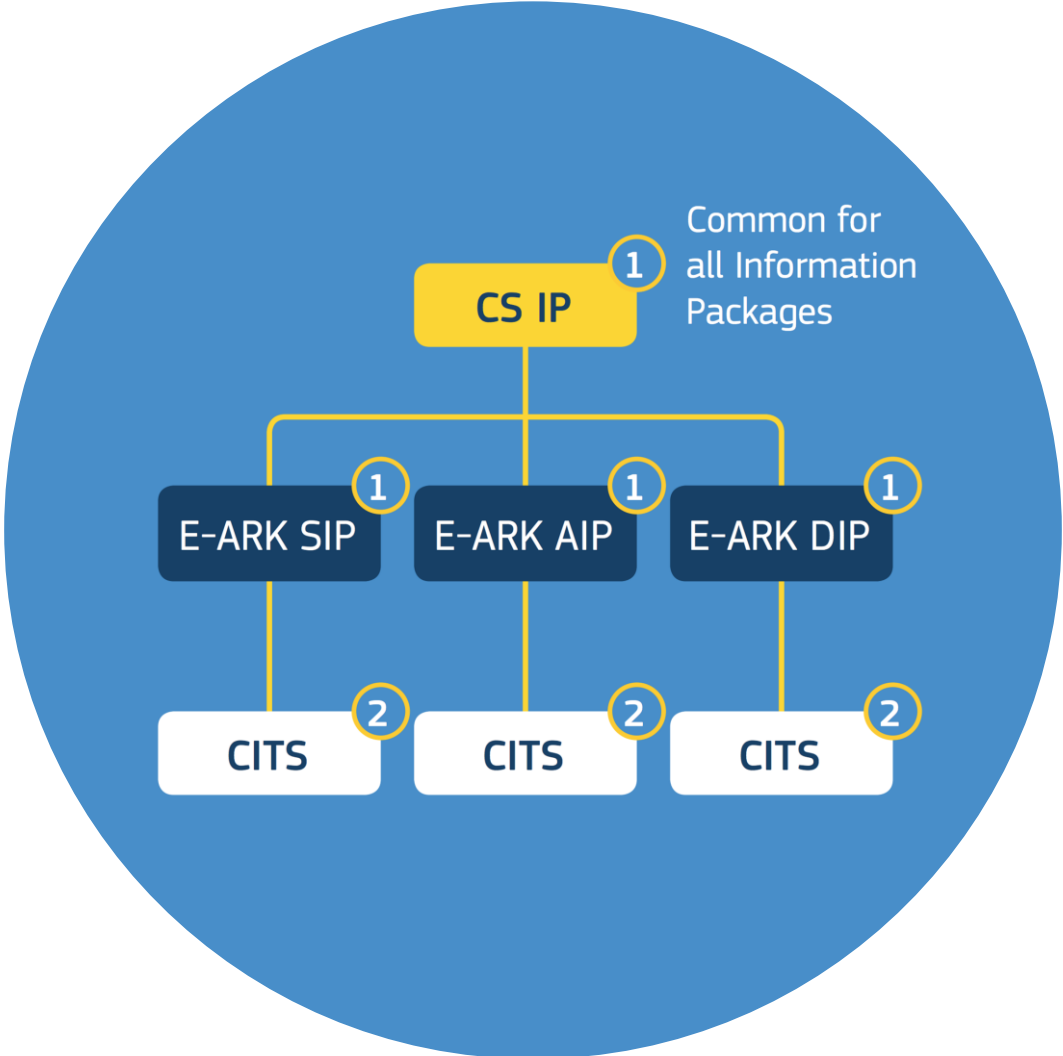


Interoperability



Guidance on legal landscape

Standards are the core of the Building Block



eArchiving Sample Software

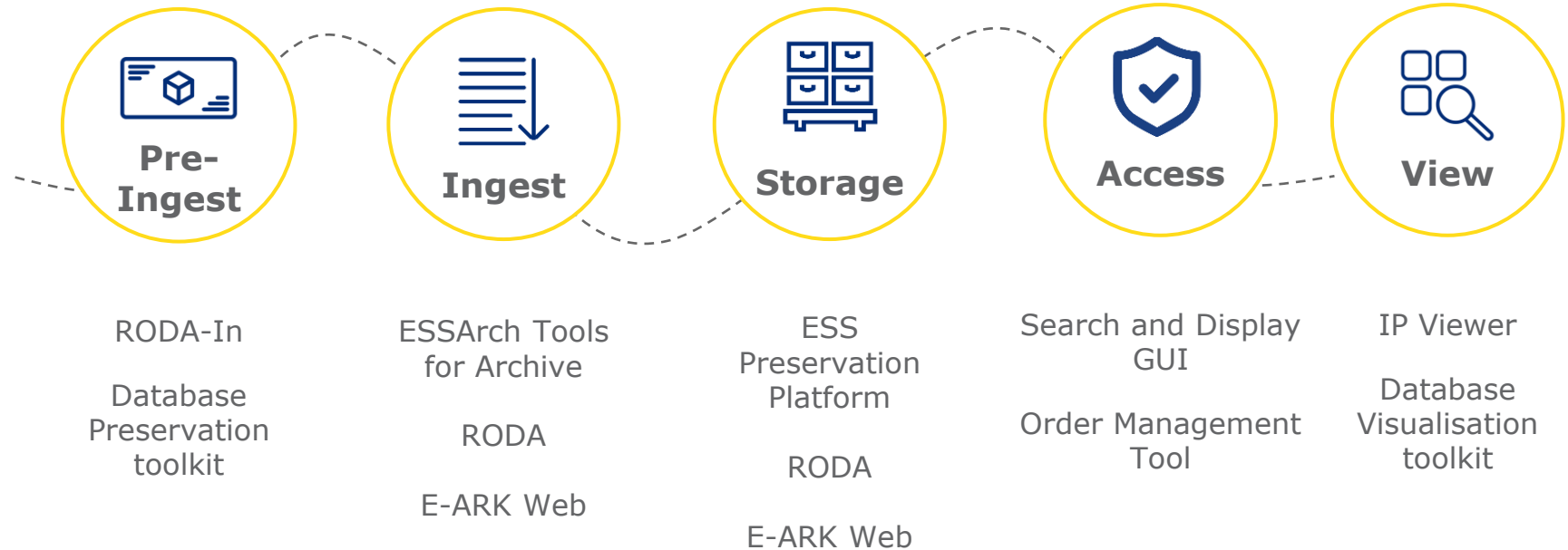
Purpose

- to serve as guidance and example on how to implement E-ARK specifications
- to show that tools with different background, regional coverage and user base can all implement E-ARK specifications equally (and thus be interoperable with each other)
 - NB! Multiple tools for the same task
- to be the primary implementers' voice within the specification development activity, and
- serve as the primary implementation testbed for specifications
- to provide and maintain the most crucial components as open-source libraries
(to date: IP validation component in Java and Python)

eArchiving Sample Software



eArchiving BB currently features



eArchiving Service Desk

Helps you to:

- Get an overview of,
- learn about,
- implement,
- participate in...

In regard to:

- E-ARK specifications,
- sample software,
- training offering,
- community

eArchiving

eArchiving provides the core specifications, software, training and knowledge to tackle the challenge of short, medium and long-term data management and reuse in a sustainable, authentic, cost-efficient, manageable and interoperable way.



Featured

[What is eArchiving](#)

[Read the Danish National Archiving Success Story](#)

[Read the Republic of Slovenia National Archives Success Story](#)

Quick Links

[All eArchiving Services](#)

[Media Library](#)

Key Documents

[eArchiving infographic \(PDF\)](#)

[CONTACT US](#)

Training

Responding to community needs via consultation

https://ec.europa.eu/eusurvey/runner/EARK4ALL_training_needs_analysis



Plans for continuous training development beyond E-ARK4ALL to support eArchiving BB

skills



Bespoke training available

Current training available:
<http://e-ark4all.eu/training/>

Training currently under development for each E-ARK4ALL activity and product

Masterclass talks to go online during 2019



Outreach

- CEF webpage
<https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eArchiving>
- Launch 7th December Brussels
<https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL>
- Targeted Stakeholder groups
- LinkedIn Group
<https://www.linkedin.com/groups/8343650/>
please apply to join
- Twitter @EARKProject
- E-ARK4ALL <http://e-ark4all.eu/>

Connecting Europe

The Connecting Europe Facility building blocks are available to help anyone who wants to build great European digital services for the public good.

DIGITAL BUILDING BLOCKS

SUCCESS STORIES



BUILDING THE DIGITAL SINGLE MARKET

CEF Building Blocks Presented at the Swedish Conference eFÖRVALTNINGSDAGARNA

- <https://ec.europa.eu/cefdigital/wiki/pages/viewpage.action?pageId=71764775>



Success Story: Danish National Archives

With over 5,500 databases and growing amounts of data, the DNA needs a sustainable solution to operate on a daily basis



22TB of information archived in 2017, 45TB by beginning of 2018



Database Preservation Toolkit (DBPTK) helps records creators with submission to the archives



Focus on scalable solutions as the amount of data being processed rises



Common standards will reduce costs of development of tools over time

eArchiving highlights historic voting results

<https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/2018/10/31/eArchiving+highlights+historic+voting+results>



Next steps

What are we doing next?

- CEF and the eArchiving Building Block will continue at least until 2021
- eArchiving BB to focus on
 - Continuous maintenance of the specifications
 - Implementing E-ARK specifications in preservation software (and beyond)
 - Growing the E-ARK community - come and join us!

Next steps

What can you do?

- Review the specifications:
 - <http://e-ark4all.eu/activities/activity%202/>
- Contact us to take up the eArchiving Building Block
- Use the Service Desk for training, discussing the specifications, help with implementation
- Visit the websites
 - <https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eArchiving>
 - <http://e-ark4all.eu/>
- Join the LinkedIn Group
 - <https://www.linkedin.com/groups/8343650/>
- Follow us on twitter
 - @EARKProject

Questions

Please share your thoughts with us!

