European **A**rchival **R**ecords and **K**nowledge Preservation

The E-ARK Project

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University of Portsmouth

AIT AUSTRIAN INSTITUTE OF TECHNOLOGY

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MINISTRSTVO ZA KULTURO
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DLM FORUM FOUNDATION

STATENS ARKIVER
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DigitalPreservationCoalition

E-ARK

THE E-ARK PROJECT IS CO-FUNDED BY THE EUROPEAN COMMISSION UNDER THE ICT-PSP PROGRAMME

www.eark-project.eu

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ICTPSP

ama

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RAHVUSARHIIV
THE NATIONAL ARCHIVES OF ESTONIA

archívum
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The usual facts

- E-ARK = European Archival Records and Knowledge Preservation
- www.eark-project.eu
- ICT PSP Call 7 (May 2013), grant agreement no. 620998
- Duration: 36 months, 02.2014 – 01.2017
- Instrument: Pilot B
  - At least six months of piloting in real-life scenarios
  - No R&D, only customisation of already available tools

Timeline

- **Setting the scene:**
  - July 2014: Best practice overview
- **Doing „*the Work*“**
  - April 2015: First versions of E-ARK format and workflow specifications
  - July 2015: First versions of E-ARK tools
- **Consultation and update**
  - April 2016: Pilot versions of E-ARK specifications and tools
- ***Last efforts and final publishing***
  - January 2017: Final release of E-ARK specifications and tools

- http://www.eark-project.eu for all deliverables
- https://github.com/eark-project for all software

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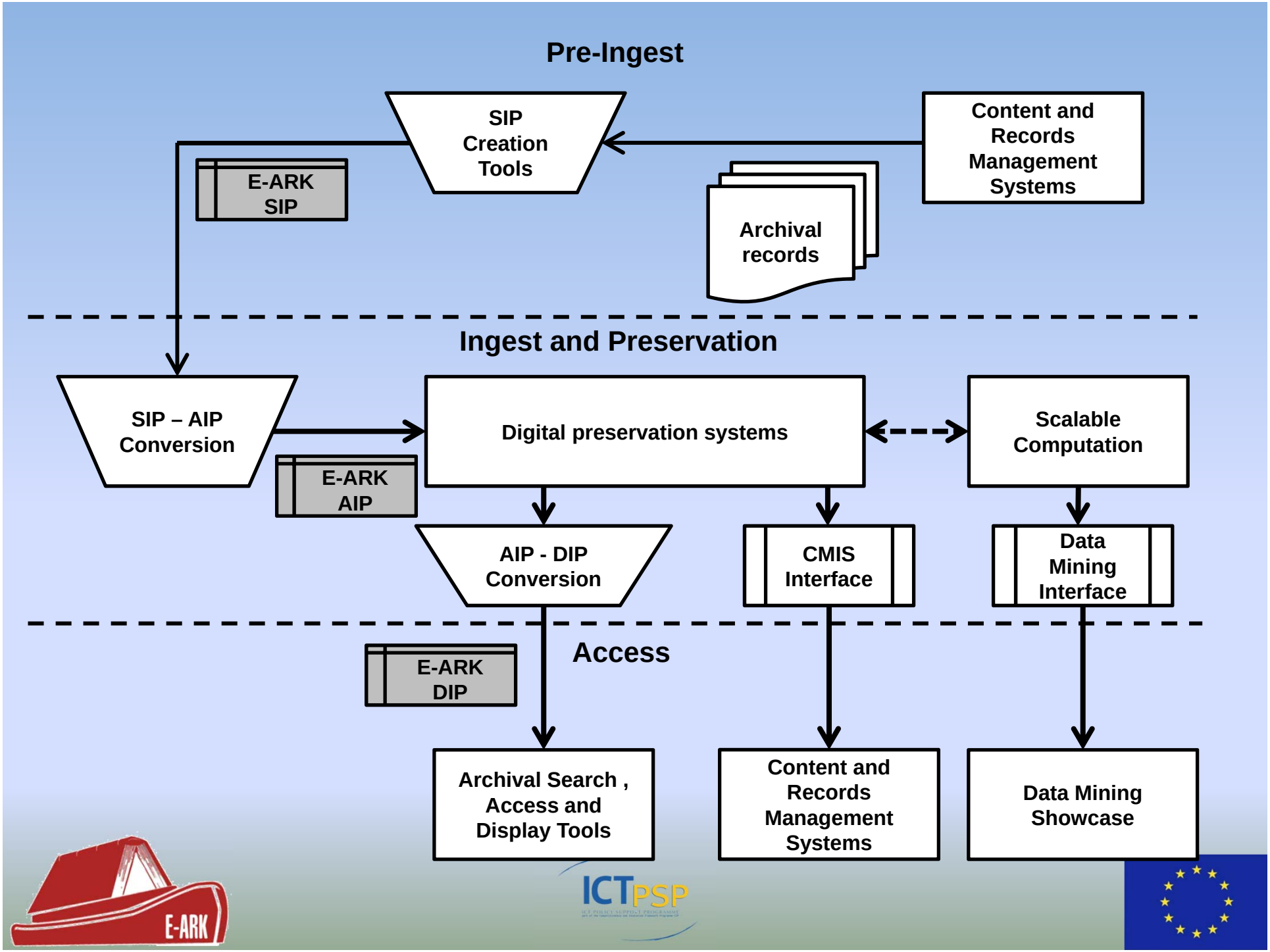
E-ARK Objectives

- Reduce the cost of transfer, preservation and access to digital information by
  - **Standardising** how agencies **export** and send information to digital archives
  - Providing open formats for the long-term **preservation** of various content
  - Exploring needs for **accessing** archives and providing novel interfaces for these
- Long-term vision: Improve semantic and technical interoperability to a level which allows any system developer to deliver out-of-the-box archiving functionality…


Pre-Ingest
SIP Creation Tools
Content and Records Management Systems
E-ARK SIP
Archival records
Ingest and Preservation
SIP – AIP Conversion
Digital preservation systems
Scalable Computation
E-ARK AIP
AIP - DIP Conversion
CMIS Interface
Data Mining Interface
Access
E-ARK DIP
Archival Search , Access and Display Tools
Content and Records Management Systems
Data Mining Showcase
E-ARK
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E-ARK, databases and big data

- Two main data types considered
  - Unstructured data from content and records management systems
  - Structured data from DBMS's
- Formats, tools and workflows developed for both types
- Current access levels to structured data are unacceptable to the users
  - You'll here more to that over the next two days …

Last but not least …

Q&A