

Birds and frogs.

Things we learned from EARK

Zoltán Szatucsek

Closing Conference of E-ARK project

Budapest, 7.11.2016





A. Automation

1. Digital Archives Project
2. Legislation
3. Follow up

B. Cooperation

1. European Archives Group
2. DLM Forum Foundation
3. Collaborative projects

1. Digital Archives project 2009-2013

A vision



- Tackle the Digital Dark Age challenge
- Renew records management regulations
- Fit standards
- State of the art IT infrastructure
- To be financially sustainable,
- Support education

Modernization

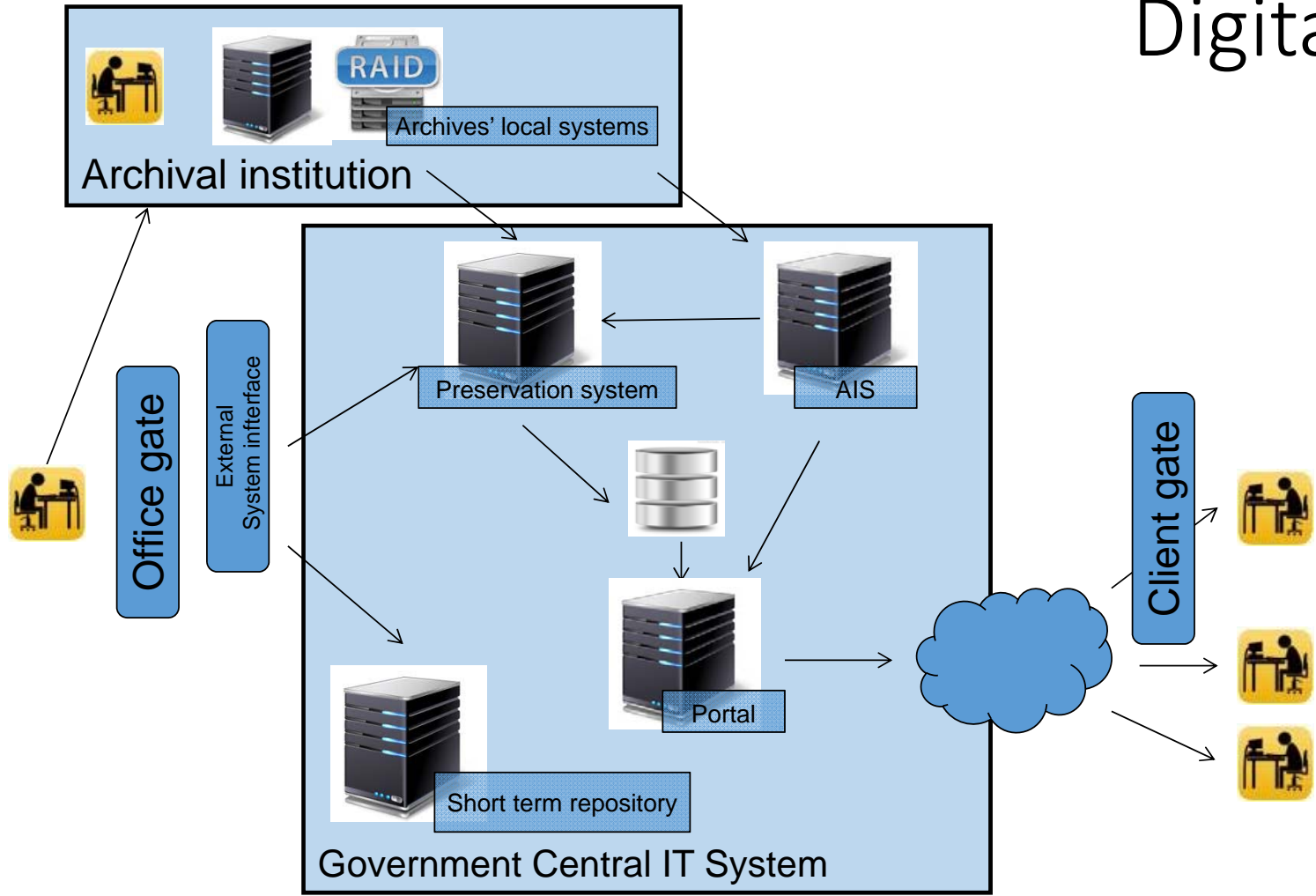


200+ PC
scanners
storage
data center
experts
partners
knowledge

Local data center at the archives



Digital archives



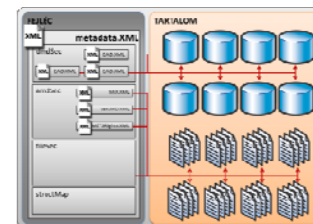
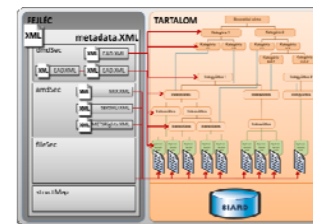
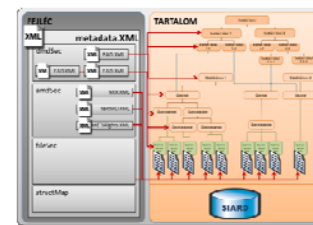
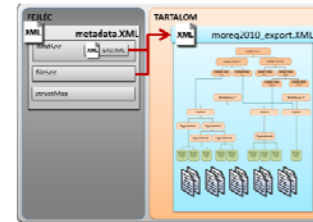
Hungarian SIP



- SIP_20131201_KSH_001.txt
- SIP_20131201_KSH_001.zip
 - Metadata
 - Metadata.xml
 - Content
 - Data
 - 001.pdf
 - 002.pdf
 - Documentation
 - Detailed description.doc
 - Transfer agreement

Hungarian SIP – 4 types cover all scenarios

- 1. Moreq transfer
- 2. Legacy ERMS
- 3. Business systems or record level descriptions
- 4. No record level descriptions



How to create SIPs

1. Automatized SIP creation by productive systems
2. Export from ERMS, create package manually
3. SIP creator application



DIGITAL ARCHIVES PORTAL



Elevéltár > Search and enquiries

List of searchable databases

[Federated Search](#)

[Online Research of Digital Records](#)

[National Archives of Hungary Research Catalogue](#)

[Budapest City Archives Research Catalogue](#)

[NAH DatabasesOnline](#)

[Hungarian Archival Portal](#)

(not included in the Federated Search)

Federated search

Please, provide a searching phrase

Search

Match all words

Search for the whole word

Search in this field

Full text



Date interval

Records per page

10



Searchable sources, databases, systems:

Online Research of Digital Records

National Archives of Hungary Research Catalogue

Budapest City Archives Research Catalogue

NAH DatabasesOnline

NAH DocumentsOnline

Levéltári struktúrában keresés

Találati fa

Teljes fa

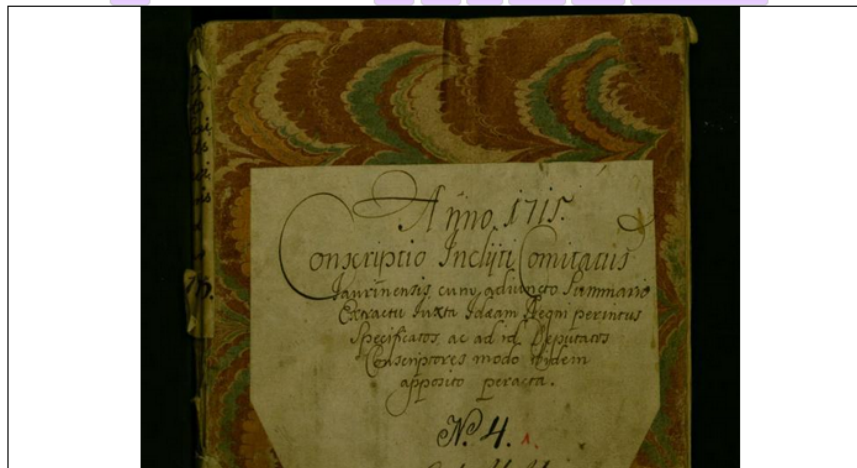
- [-]  Magyar Nemzeti Levéltár
- [-]  (1) Magyar Országos Levéltár
- [-]  W AZ MNL IRATAIRÓL KÉSZÜLT BIZTONSÁGI MÁSOLATOK - W SZEKCÍÓ
- [-]  W 22 Országos összeírások. Ladula BB-CC. Ladula GG-HH 1715. évi összeírás (N 78)
- [-]  35. tétel: Győr

Megjelenítő

Metaadatok

Digitális tartalom

< HU_MNL_OL_N78_35_clap.jpg > + - +90 -90 Teljes képernyő



Fully standardized

OAIS

PAIMAS

METS

OAI-PMH

Moreq

ISADg – EAD

ISAAR(CPF) – EAC(CPF)

ISDIAH - EAG

Archives Portal Europe



All round solution

Automatic transfer
from ERMS

Transfer uses the
Government IT System

Authentic preservation

Automatized processes

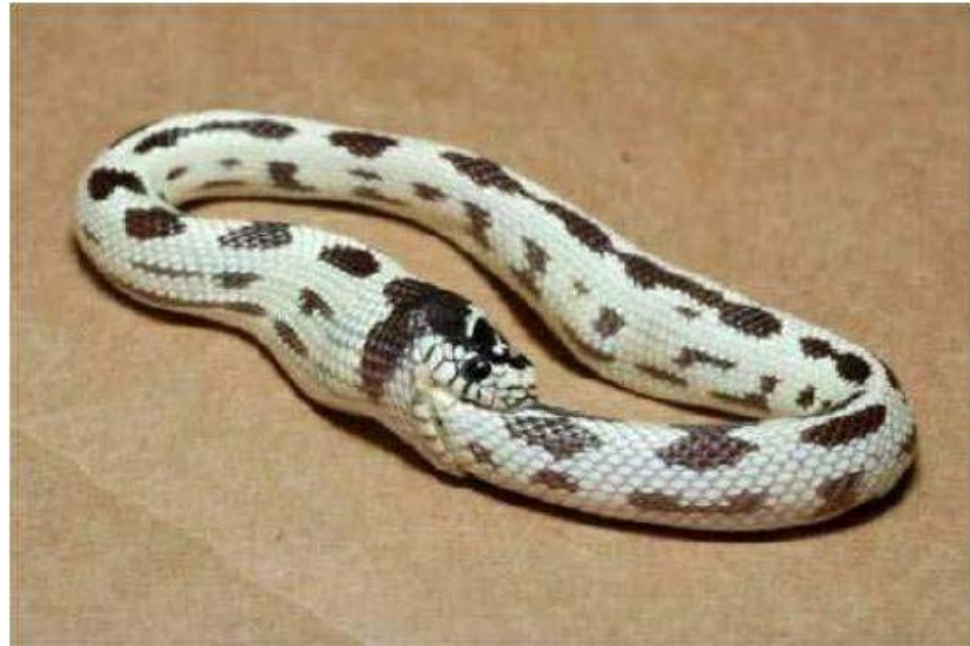
Active preservation

Federated search

Online requests

Certified copies

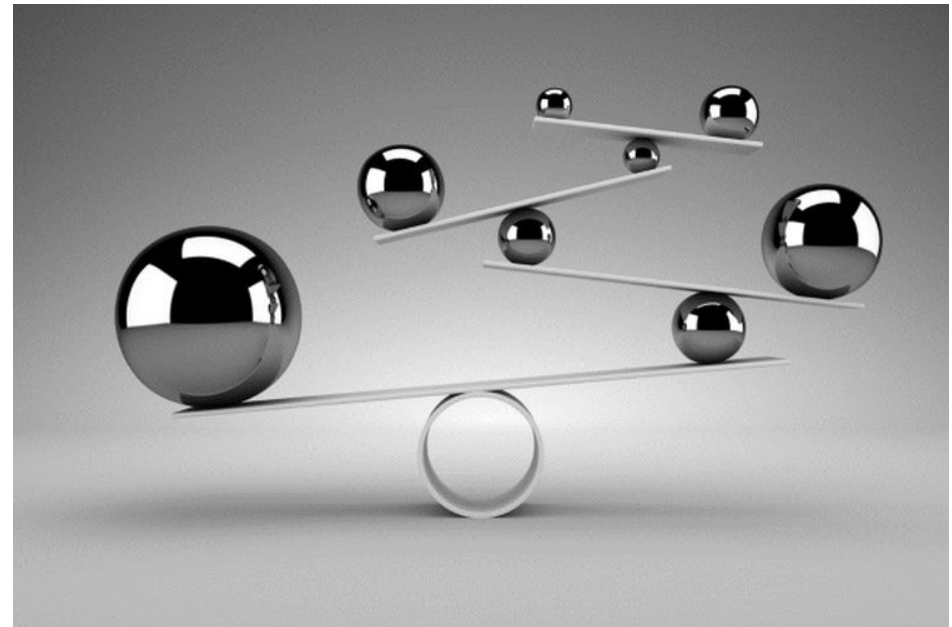
Regulation



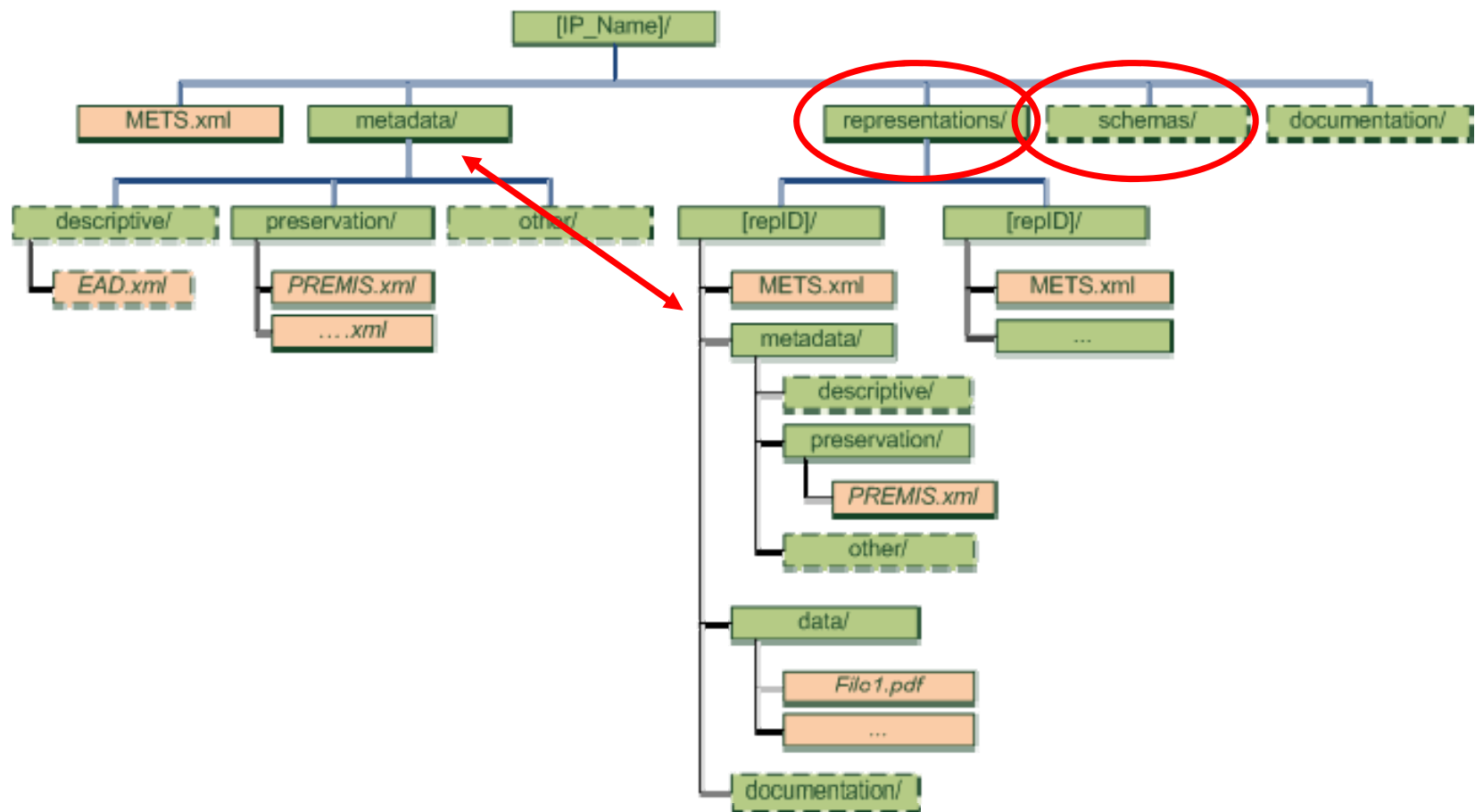
2. Legislation 2016

Challenges

- mandate is from 2005
- draft regulation is from 2013
- no regular transfers
- balancing between flexibility and strict rules
- EARK to include or not to



EARK Common Specification



34/2016 ministry regulation on digital transfer

Law

SIP structure

Process

Transfer types

5 Appendices

Guideline

HU_METS.xsd

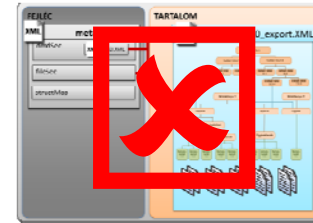
HU_EAD.xsd

rules

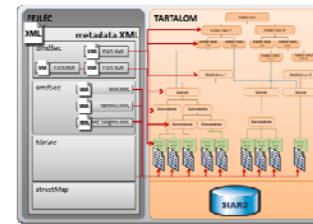
guideline

Hungarian SIP – 4 types cover all scenarios

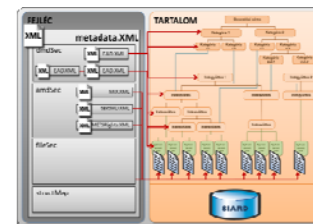
- 1. Moreq transfer



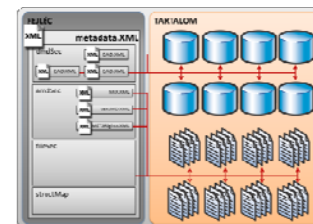
- 2. Legacy ERMS



- 3. Business systems or record level descriptions



- 4. No record level descriptions



3. Follow up project 2016

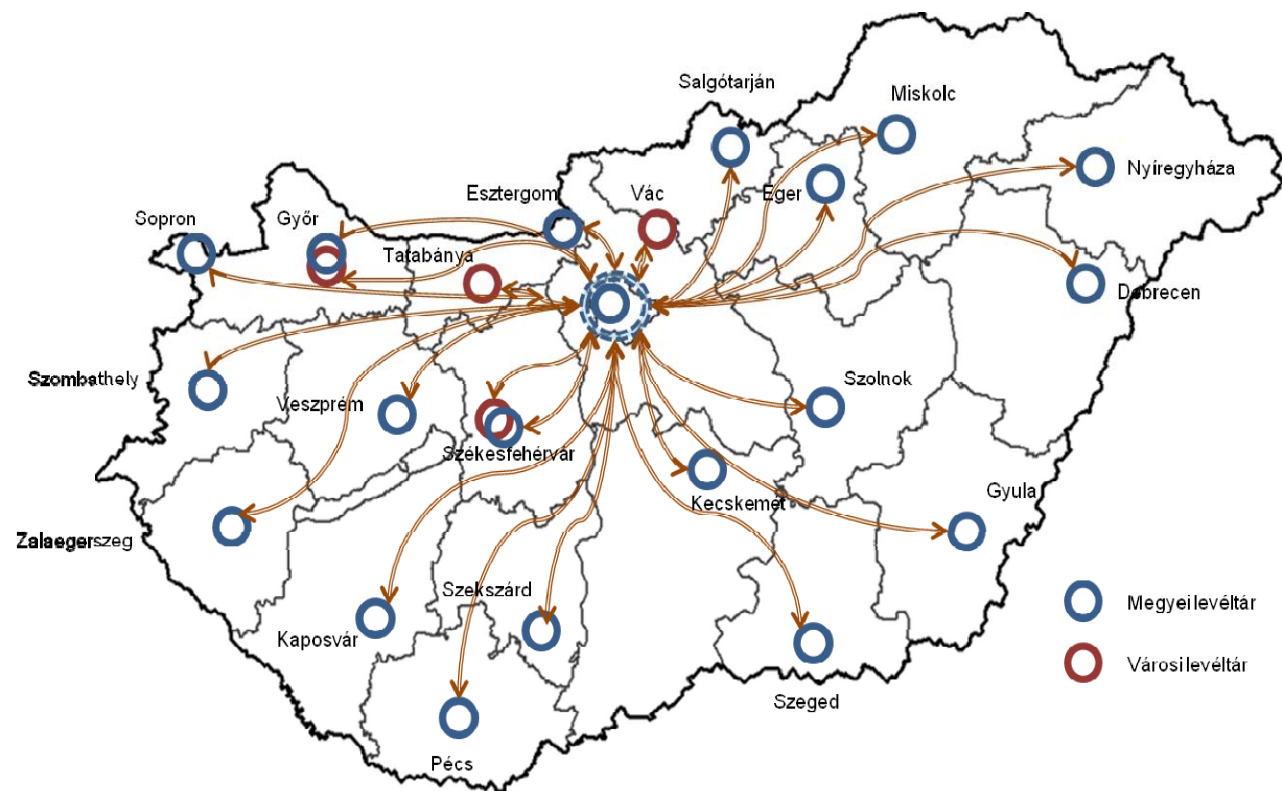
Administrative services in the archives

To provide evidences for various administrative cases for the citizens:

- Compensations
- Evidences of employment
- Education certificates
- Property related evidences
- Contracts
- etc.



Integration of regional archives



To repair

Automatic transfer from ERMS

Transfer uses the Government IT System

Authentic preservation

Automatized processes

Active preservation

Federated search

Online requests

Certified copies

Regulation

E-ARK

compatibility



E-ARK Specifications

E-ARK Common Specification

E-ARK Information Package Specifications

E-ARK SIP

Preservica
Digital Preservation

E-ARK AIP

Preservica
Digital Preservation

E-ARK DIP

Preservica
Digital Preservation

Content Information Type Specifications

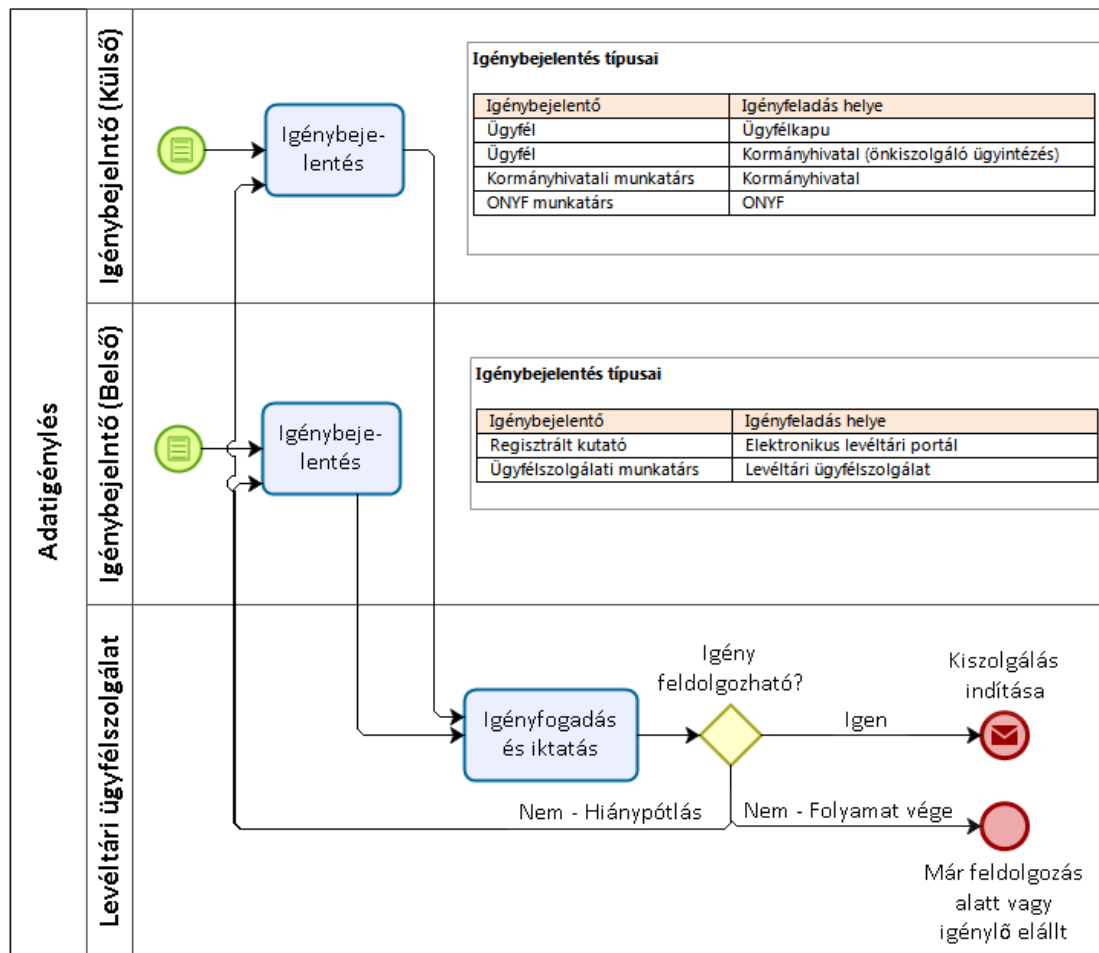
SIARD2

SMURF

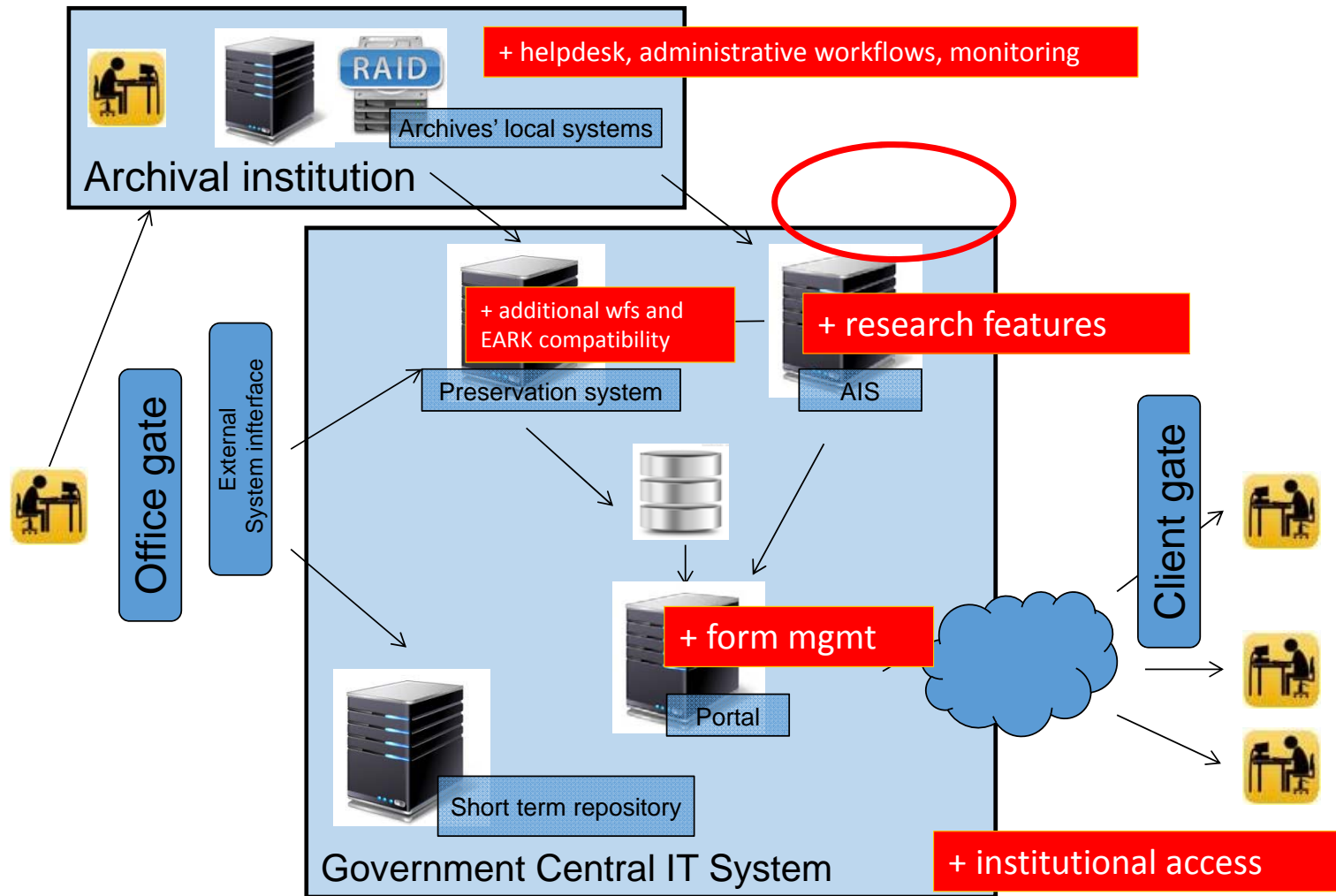
Geo-data

...

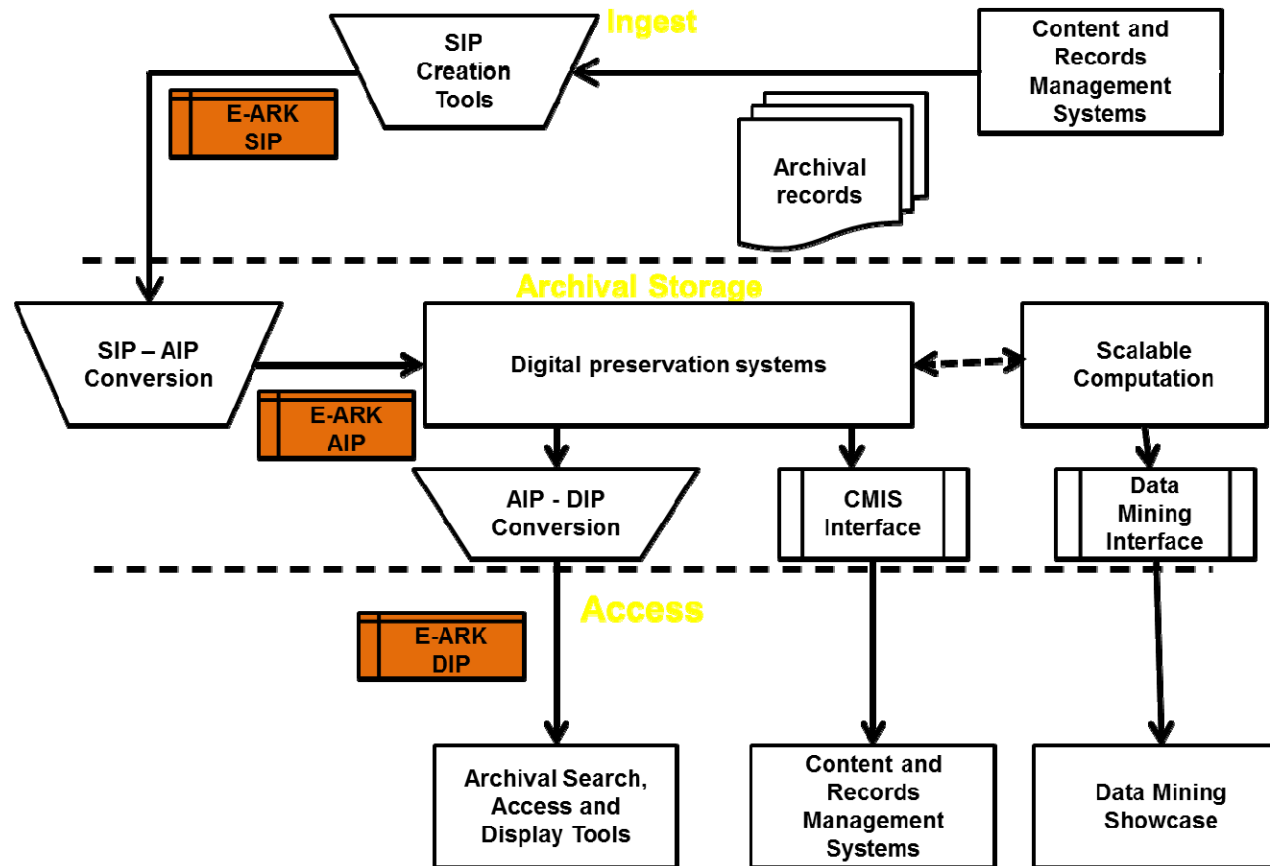
To support request various sources of request



Developments to plan



EARK tools: RODA-in, DPTK, DVTK



4. International cooperation

In our Hungarian Digital Archives project





- European Archives Group
- DLM Forum Foundation
- Collaborative projects
 - E-ARK
 - Enarc
 - APEX
 - Co..op

1. Guidelines, specifications...

Research on why they are not having the desired effect?

2. Make better use of existing Groups like
DLM-Forum (Digital Records)

3. Dissemination and engagement of the ~~U.E.~~ E.A.G
on existing electronic record initiatives such
as E-Ark.

4. Participation on wider perspectives on Digital
Preservation (p.e. MSEG on Digital Preservation).

DLM and the European Commission

COUNCIL AND MINISTERS OF CULTURE
RESOLUTIONS of 14 November 1991 (91/C 314/02)

- set up **a group of experts** for the purpose of examining to what extent greater coordination of archives policy and practice within the Community is desirable
- **progress report** before the end of 1992

ARCHIVES IN THE EUROPEAN UNION 1994 'BLACK BOOK'

- Warranted coordination and cooperation on a European level was the need for adequate management and storage of computerised archives.

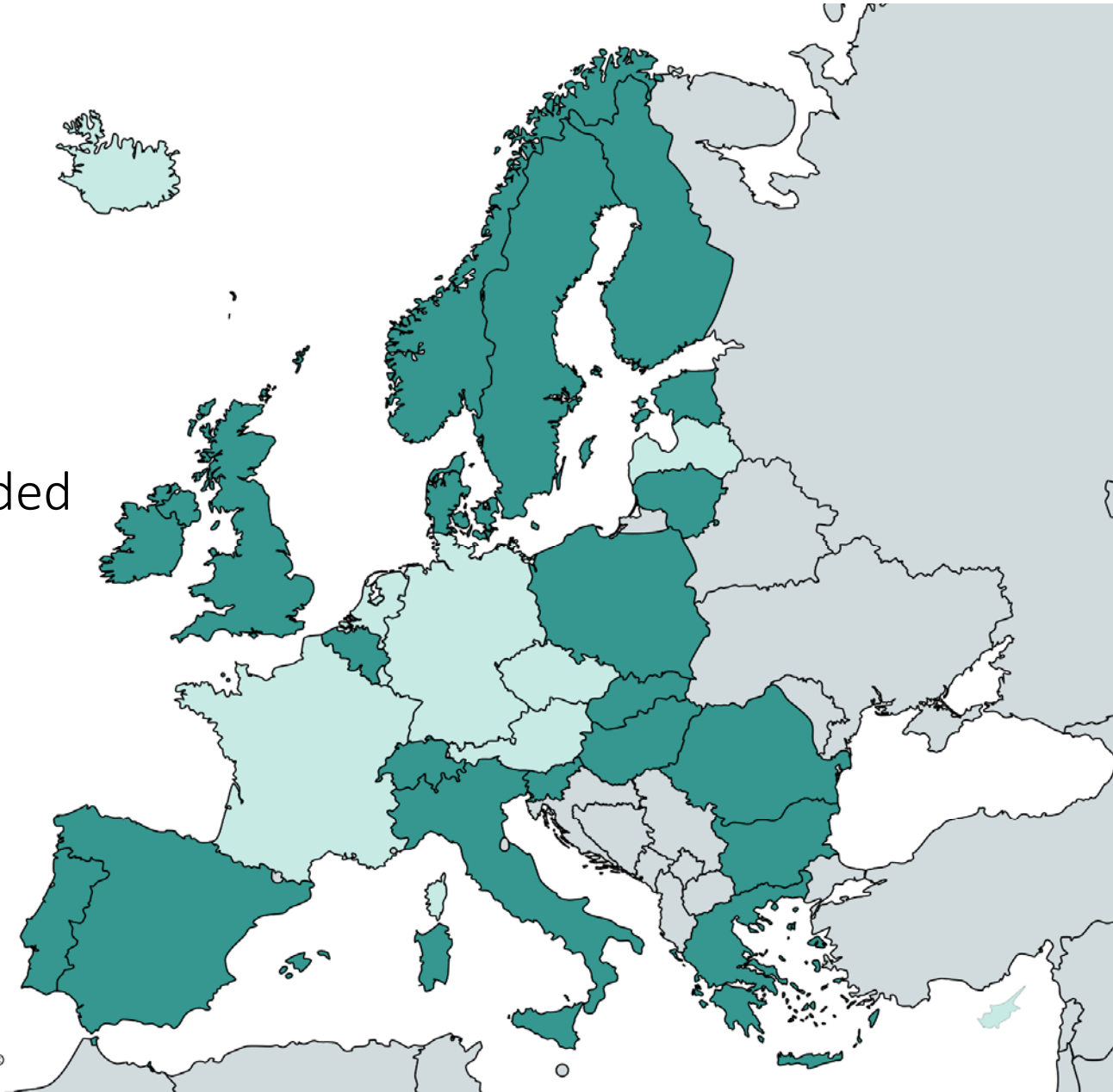
COUNCIL OF THE EUROPEAN UNION
CONCLUSIONS of 17 June 1994

- concerning greater cooperation in the field of archives (94/C 235/03)
- **organizing a multidisciplinary forum to be held in the framework of the Community on the problems of the management, storage, conservation and retrieval of machine-readable data, inviting public administrations and national archives services, as well as representatives of industry and of research, to take part in the forum**



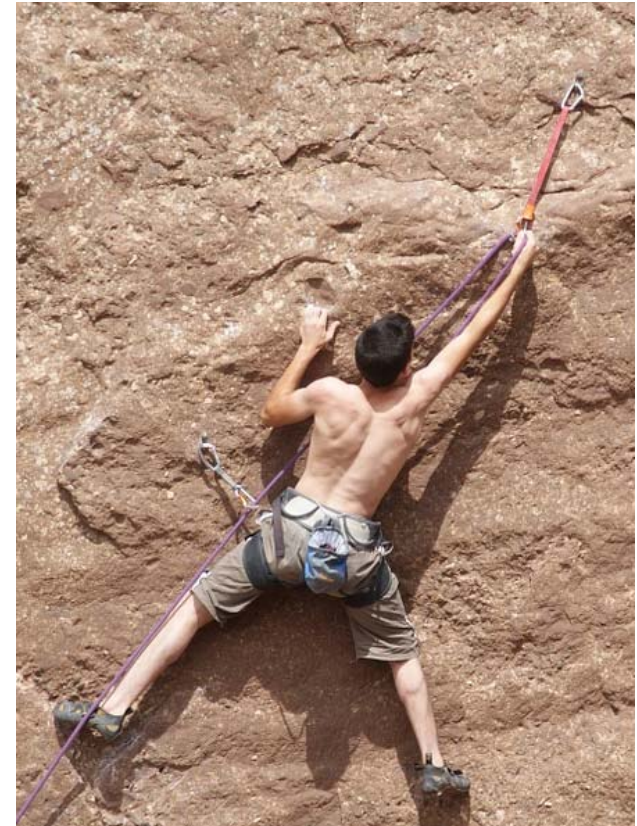
DLM report to EAG on Digital Archiving

- Conducted at autumn 2016
- Finished on 25 of November
- 21/30 EAG members responded
- Current projects, activities, goals
- Focuses on challenges



DLM report - Current challenges

- Context has been changed dramatically
- Archives are more and more involved in e-government initiatives
- In government everything is digital by now.
- Open and reusable public data is regarded as a driver for economic growth
- Centralized government services and open data portals are emerging.
- Digital preservation is beyond its infancy, less and less a technical problem
- Archives are part of information industry
- Budget constraints are not in line with this



DLM report - Recommendations

- R.1. Change how people think about archives
- R.2. Automate more
- R.3. Collaborate more
- R.4. Educate more
- R.5. Win the argument for funding



DLM report – specific actions

- A.1. Gather and share information about our progress.
- A.2. Share the EARK findings and tools.
- A.3. Exploring the intersection of data protection and archives law.
- A.4. In education there is a need for a database of trainers.
- A.5. Collaborative projects



Conclusion of the frog and the bird: the upward spiral

Dissemination
National activities
Use of tools
DAS board
DLM and EARK



Thank you for your
attention!

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