

Best practice survey on the current solutions for digital archiving

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Goals for this presentation

- Explain the background of the survey
- Present the preliminary results
- Introduce the next steps with the results



About the Survey



Objectives

- The objective of this survey was to gather best practices – tools, requirements, restrictions relevant to archiving solutions
- Feed the outcome to appropriate tasks in E-ARK project – use the information for building E-ARK SIP, AIP, DIP specifications



Target group

The survey focused on 5 different stakeholder groups across Europe, North America, Australia and New Zealand:

- Archives
- Government Organisations, Public Organisations
- Private Companies
- Private Organisations
- Projects



Questions and time frame

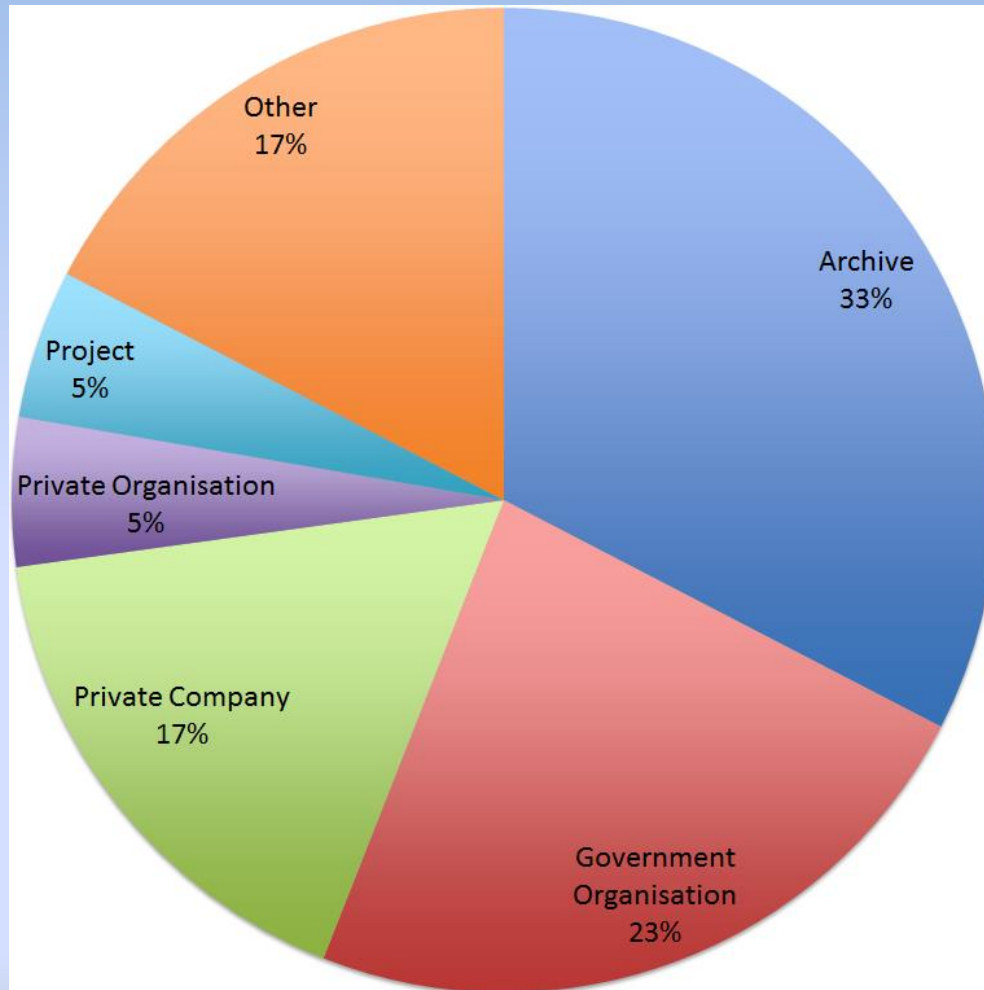
- Questions about pre-ingest, ingest, storage, maintenance, access
- Questions slightly modified, categorized by responder's type
- Time period 02/04 - 20/04/2014
(extended to 04/05/2014)



Survey Results



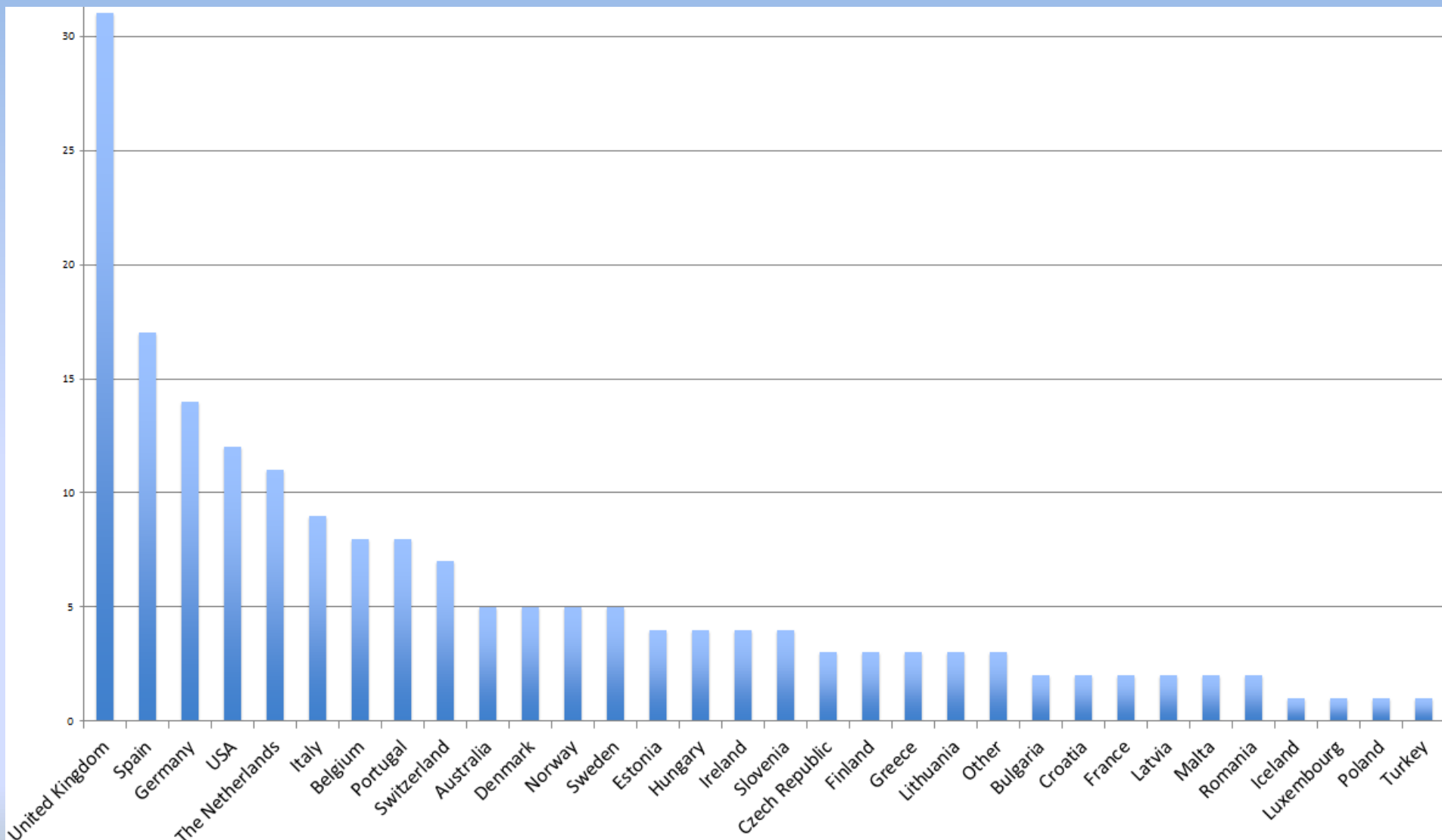
1/3 (60/180) of respondents were archives



What type of organization do you represent?



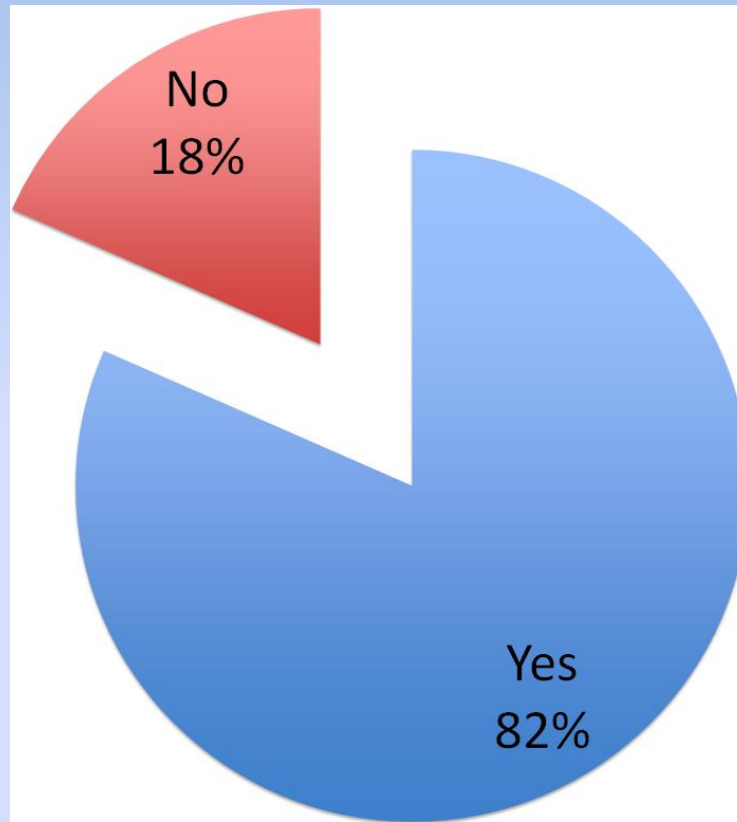
Answers at least from 32 different countries



In which country does your organisation reside?



18% of respondents (archives) don't follow any general guidelines for digital preservation



Do you currently follow any general rules or guidelines for pre-ingest, ingest or digital preservation?



No standard that stands clearly out here

- JHS 143,
- Dublin Core
- SÄHKE 1
- MoReq2010 (In development)
- SÄHKE 2 (In development)
- SFS-ISO 5914 (In development)
- ISO 14001
- OAI-PMH
- DOMEA new,
- ISO 303xx family
- BSI-TR-03125
- BSI-TR 03138
- DIN 31644
- DIN 3647 (draft)
- "e-Arq Brasil", a document based on Moreq
- NSESSS (Czech national derivate of MoReq2)
- WARC
- ...

Which standards for electronic document and records management are being used in your organisation or supported by your electronic records management system?



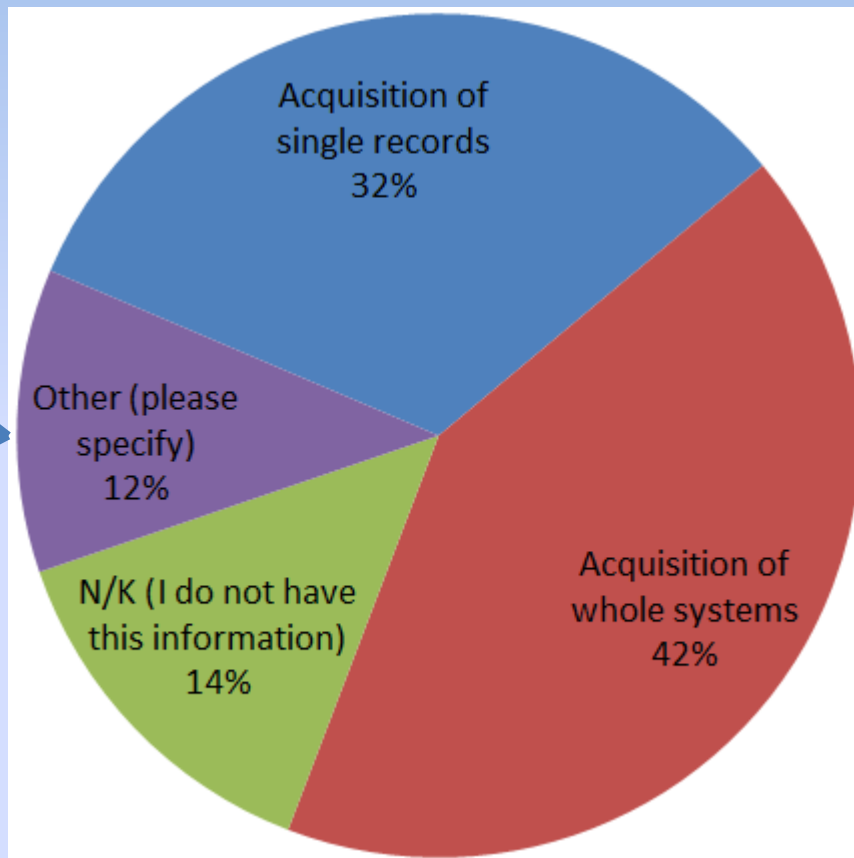
Archiving as single records and whole systems are remarkably equally represented

„Acquisition of extracts (usually temporal periods) from systems“

„We do not currently ingest digital records/data“

„e-archiving module to be developed“

„ ... “



What acquisition strategy does your organisation employ for data from databases and Records Management Systems?



20 responses included a web link along with the description

- Three are using / aim to use **Tessella's (now Preservica's) SDB**
- Two claim to have **OAIS** compliant workflows
- One is using **Fedora**
- One is using **EssArch Tools**
- ...

Please, briefly describe the current workflow and provide a URL link.



Many SIP and AIP formats are used

- METS;
- SDB XIP/Preservica;
- PREMIS;
- EAD;
- EAC;
- SIARD;
- XML
- PDF/A
- MOAB for AIPs
- Windows folder
- Bagit.

Please, briefly describe the submission and archival information packages formats used in your organisation or supported by your solution(s) and provide a URL link.



Migration as preservation strategy is most popular

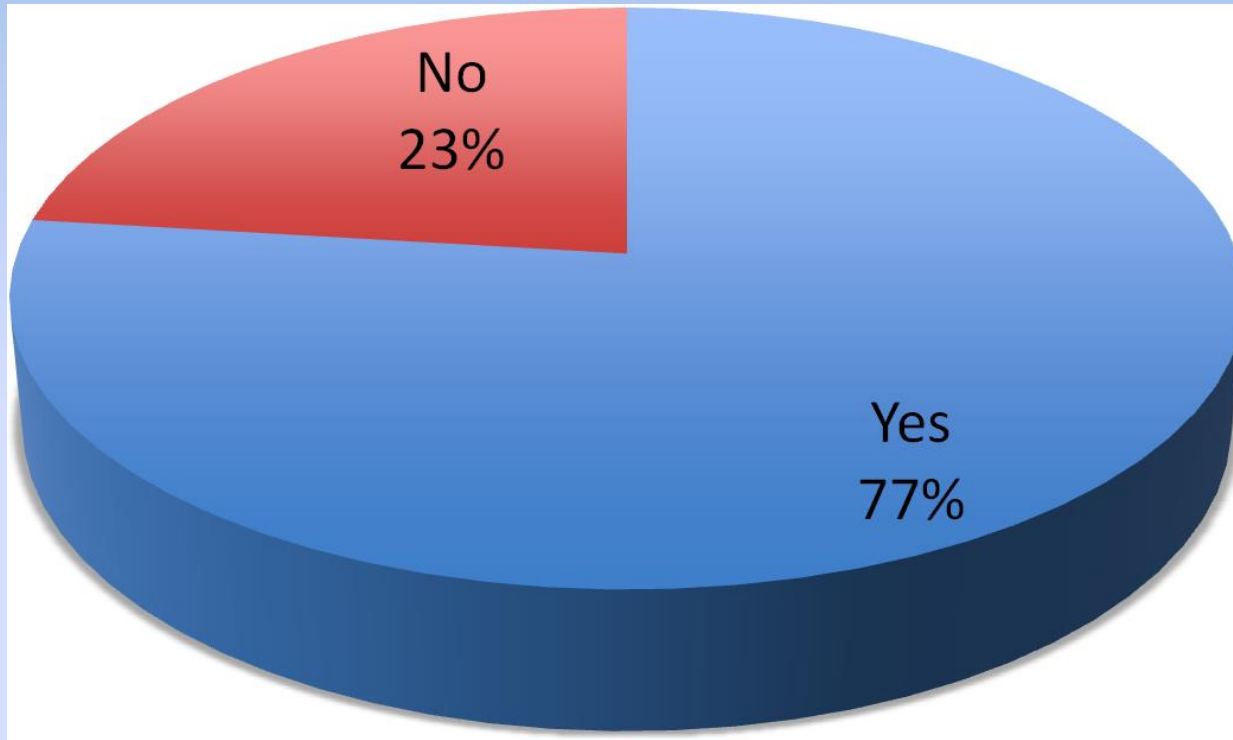
Although the migration seems to be not very much used in practice yet:

- „We are not yet doing bulk migration, and we are open to other strategies as required over time“
- „No single defined strategy at present“
- „We have not needed to migrate any file formats so far for preservation purposes ...“
- ...

What preservation strategy does your organization employ?



77% use different tools for providing access to different type of assets



Do you use different software tools according to different technical and/or content types?



What's next?

The collected information (the survey, desktop research, interviews) will be feeded into the onward work within E-ARK to specify common formats for Information Packages (SIP, AIP and DIP), model recommendations and the work of developing common tools for archival services.



Conclusion

- The common best practice report will be published in July, 2014
- The results will reflect:
 - Best practices for pre-ingest, ingest and related tools
 - Available formats and restrictions for ingest, storage
 - GAPS between requirements for access and current access solutions



Thank You!

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