E-ARK Evaluation

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E-ARK Year 3: Outline

1. Project Strategy

2. Objectives

3. General Progress

   a) Milestones

   b) Deliverables

   c) Use of Resources

4. Outreach

5. Impact / Outcomes

E-ARK Progress

X Excellent progress (the project has fully achieved its objectives and goals for the period and has even exceeded expectations).

☐ Good progress (the project has achieved most of its objectives and goals for the period with relatively minor deviations).

☐ Acceptable progress (the project has achieved some of its objectives; however, corrective action will be required).

☐ Unsatisfactory progress (the project has failed to achieve critical objectives and/or is not at all on schedule).

European Showcase Project

The project made excellent progress in its final year, producing some very significant results and advances to the state of the art. Very ambitious goals have been achieved and even exceeded. The level of commitment among the partners is very high, the collaboration is excellent, and the administrative and scientific management and coordination have been very efficient. The project is also notable for how well aligned and complementary the work packages are. Such collaboration and alignment are very good indicators of future sustainability. One impressive aspect of the project has been its rigorous approach not only to development, but also to the evaluation of its outputs. A wide range of pilots were conducted and thoroughly evaluated.

European Showcase Project

The project demonstrated strong evidence-based decision making, with different alternatives being evaluated to determine the most effective solutions. As a result of this the project is able to provide strong and convincing evidence of impact and quantifiable benefits, including for procurements, cost savings, and greater efficiencies. The results are already being used, and value for money is very evident. The international applicability of the outputs is evident from the US evaluation, which shows that the project is already reaching beyond Europe. The advisory boards have proven very effective.

European Showcase Project

The benefits management approach has been very useful, and it is very welcome to see that this approach will continue to track the long-term benefits - this will be a very good advocacy tool for the future. The sustainability model is very strong and gives confidence that the project will continue to be developed and sustained. E-ARK is a European showcase project – each partner contributed their strengths and assets and they collaborated very effectively to produce extremely impressive and significant results which can be expected to have a long-term and wide-ranging impact.

2. Project Strategy

- Year 2:
  - E-ARK SIP, AIP, DIP pilot versions
  - First E-ARK Tools release
  - Knowledge Centre Services operational
  - Engage stakeholders – early users

- Year 3: Pilots
  - Final versions of specifications, tools, General and Maturity Models, Knowledge Centre
  - RUN PILOTS
  - Data Mining Showcase
  - Final Conference
  - Dissemination / uptake of outputs

- Post-Project: Delivering Sustainable Services

ICTPSP
ICT POLICY SUPPORT PROGRAMME
part of the Competitiveness and Innovation Framework Programme CIP

E-ARK

3. Year 3 Objectives

- Update General Model
- Legal Study – guidance for archives – D2.2.1
- Finalize specifications
- Finalize all Tools (including reference implementation), then test & take up
- CONDUCT PILOTS
- Demonstrate Data Mining Showcase

3. Year 3 Objectives

- Dissemination
  - Workshops
  - Conferences
  - Publications
  - FINAL CONFERENCE
- SUSTAINABILITY PLAN & ACTIONS
- ANALYSE IMPACT / OUTCOMES

4. General Progress: a) Milestones

Milestone number	Milestone name	Delivery month
MS05	Knowledge Centre Service - Validated Operational Service	24 ✓
MS06	Pilot release of E-ARK formats and tools	27 ✓
MS07	Set up of pilots	27 ✓
MS08	Pilots concluded	33 ✓
MS09	Knowledge Centre Service - Validated Final Service	36 ✓
MS10	Final release of E-ARK formats and tools	36 ✓

4. General Progress: b) Deliverables

8.1.3	Annual Dissemination Strategy (Year3) (including updated Stakeholder Analysis and Exploitation Strategy)	26	✓
2.3	Detailed pilot requirements	26	✓
5.3	E-ARK DIP pilot specification (revision of D5.2)	27	✓
2.4	Pilot documentation	33	✓
8.2	Closing International Conference	35	✓
2.5	Recommended practices and final public report on pilots	36	✓
3.4	Records export, transfer and ingest recommend and SIP Creation Tools	36	✓
4.4	Final version of SIP-AIP conversion component	36	✓
5.4	Search, Access and Display Interfaces	36	✓
6.3	Data Mining Showcase	36	✓
7.4	The Knowledge Centre Service	36	✓
7.5	A Maturity Model for Information Governance – final version	36	✓
7.6	Final Assessment and Evaluation	36	✓
8.3	End-Project Long-Term Impact Analysis of Dissemination	36	✓

TOTAL PERSON MONTHS BY WP
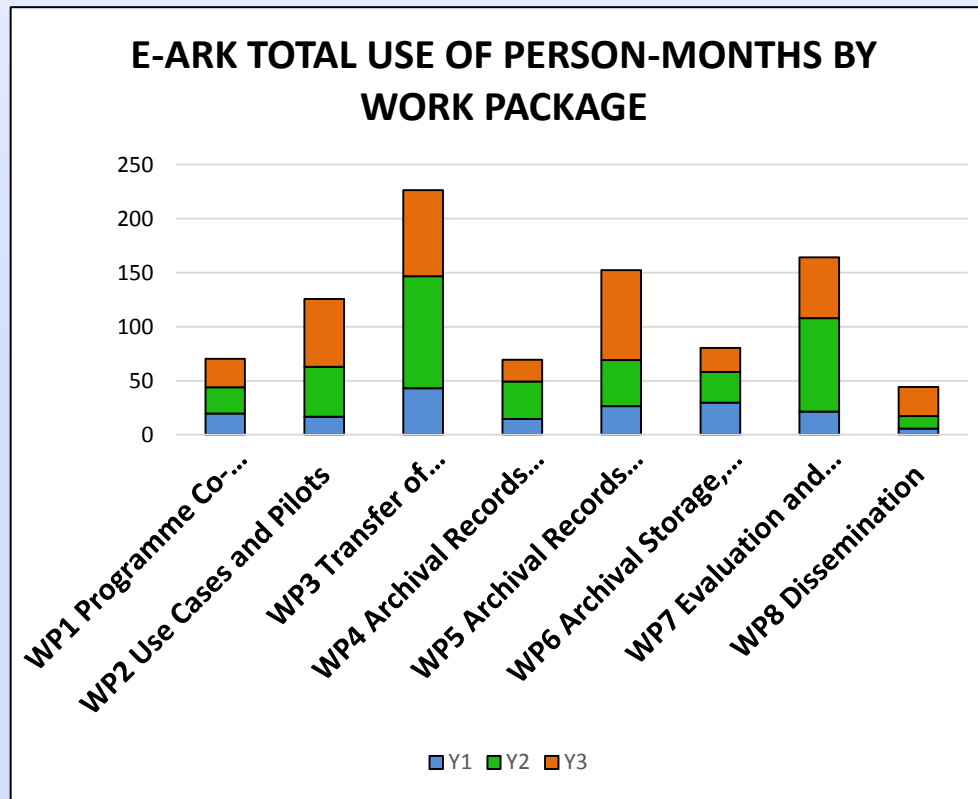
5. Outreach

- *Uptake of project outputs*
- Conferences (+ papers)
- Demos
  - Luxemburg, Oslo, Brussels
- Workshops
- Webinars
- Madrid Conference
- Final Conference, Budapest
- Publications (2 journal special editions)

Madrid Conference

- Organised by MinHAP
- 1 March 2016
- Attended by 200+ Spanish Archivists
- Chaired by Minister of State Antonio Beteta. Domingo Molina CIO of Spanish Government.
- Co-incided with E-ARK All-Staff Meeting
- Focus on implementing Spanish Archiving Strategy using E-ARK

Brussels Demo Day

Impact / Outcomes

- Pilot impact interviews
  - Brighton
  - Sept – Dec 2016
  - 6 national archives
- Impact
  - Financial
  - Service Delivery
  - Technical Benefits

Impact

The Archives reported:

- Collaboration has brought real gains
- Improvement of archival processes
- Improvement of tools, old and new
- Short, medium and long term benefits
- Wide spectrum of beneficiaries
- Unexpected impacts

Impact: Beneficiaries

- **Numerous** beneficiaries

- From every level of the archiving **ecosystem**
  - memory institutions themselves (archives, repositories and their technical teams)
  - external organisations (often in the private sector)
  - end users such as the public, researchers and even the **taxpayer**.

Impact: Financial

- Denmark, **taxpayers** major beneficiary: "*less expensive and more effective to submit Information Packages to the Danish National Archives and any kind of Danish public archive.*"

- **"The tool will hopefully make the suppliers compete on small well-defined tasks.**"

Impact: Financial

- Economies of Scale (DNA)

- Lower agency costs (NAE)

- More cost effective procurement (MC)

- Lower staff costs through use of dedicated Geo-spatial data specialist (MC)

Cost & Benefit   Cost & Quality

www.digitalbevaring.dk
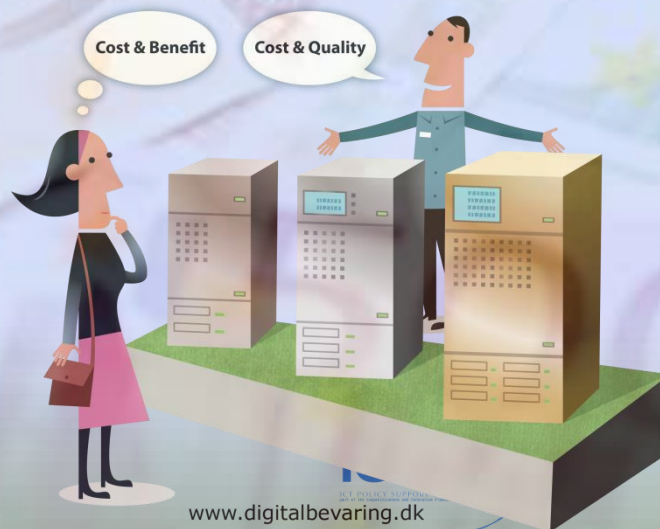
6. Impact: Tools improvement

- "very useful for tools developers to see their **tools in different settings**."

- "Without E-ARK, we would have had much greater difficulties in tools development".

- **"E-ARK has really given the developers the impetus to improve their tools**." *(NAN)*

6. Impact: Tool comparison

- Compare several **different** tools used for the **same** purpose
- **Compare different features** of tools,
- **see the whole process from different perspectives**
- Compare **limitations** of the tools.
- "We could get conclusions, results, and analyses on the process as a whole. It could be that the process is wrong – not the tool. Is the data handling optimised?" *(NAH)*

Impact: Improved operations

- *"One pleasing aspect of the E-ARK access approach is that we have conceived of **DIP as a 'front end'** through which someone constructs an 'order' (or request) and someone else fills that order."* (NAN)

- the specialised formats and improved tools will lead to **improved workflow and output** (NAE)

Impact: New Tools

- E-ARK Web was described as being:
  - "very good for a young tool" (MC) and
  - "worth investment" (NAH)

'Extra" Impact

- DLM strengthened (DNA)
- Extended collaboration (NAE)
- Database archiving development resulting in:
    - Collaboration with Swiss Federal Archives (NAN)
    - SIARD 2.0
- Also, link to Benefits / Maturity Model

"Extra" Impact

- In Slovenia, E-ARK addressed the Environment Agency's need to properly prepare their vast amount of geodata for archiving (e.g. archive the geodata from EC Natura 2000 Directive) .

- By re-using the metadata from EC INSPIRE directive we have assisted the Surveying and Mapping Authority to accelerate the adoption of INSPIRE among geodata producers

Highlights

- Madrid Conference
- Budapest Conference
- Brussels Demo Day
- Data Mining / Big Data
- Database Archiving

- E-ARK Web
- DLM Archiving Standards (DAS) Board
- CEF Candidate Building Block
- Uptake, e.g. UK and PT National Archives, EUPO

What's next -- CEF

- Connecting Europe Facility: key EU funding instrument for cross-border infrastructure investment
  - https://ec.europa.eu/inea/en/connecting-europe-facility
  - Current topics in CEF TELECOM: eID, eSignatures, eDelivery, eHealth etc
- CEF call to propose new topics (september 2016):
  - Proposal on „eArchiving Building Block" submitted in November
  - Multiple requests for further information in late 2016 – early 2017
  - eArchiving selected as „to be funded" on March 30th 2017
  - Negotiations between the DLM Forum and CEF (ongoing, to last into autumn 2017)

eArchiving Service Offering

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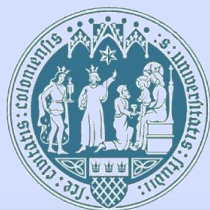
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