

WP3 Preservation Roadmap

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Objectives of WP 3

- To identify key characteristics and requirements for a preservation Roadmap for DCH
- To develop a registry of services and tools
- To investigate how Infrastructure as Service can contribute to digital preservation services for DCH
- To design and validate the preservation Roadmap for DCH

Objectives of WP 3

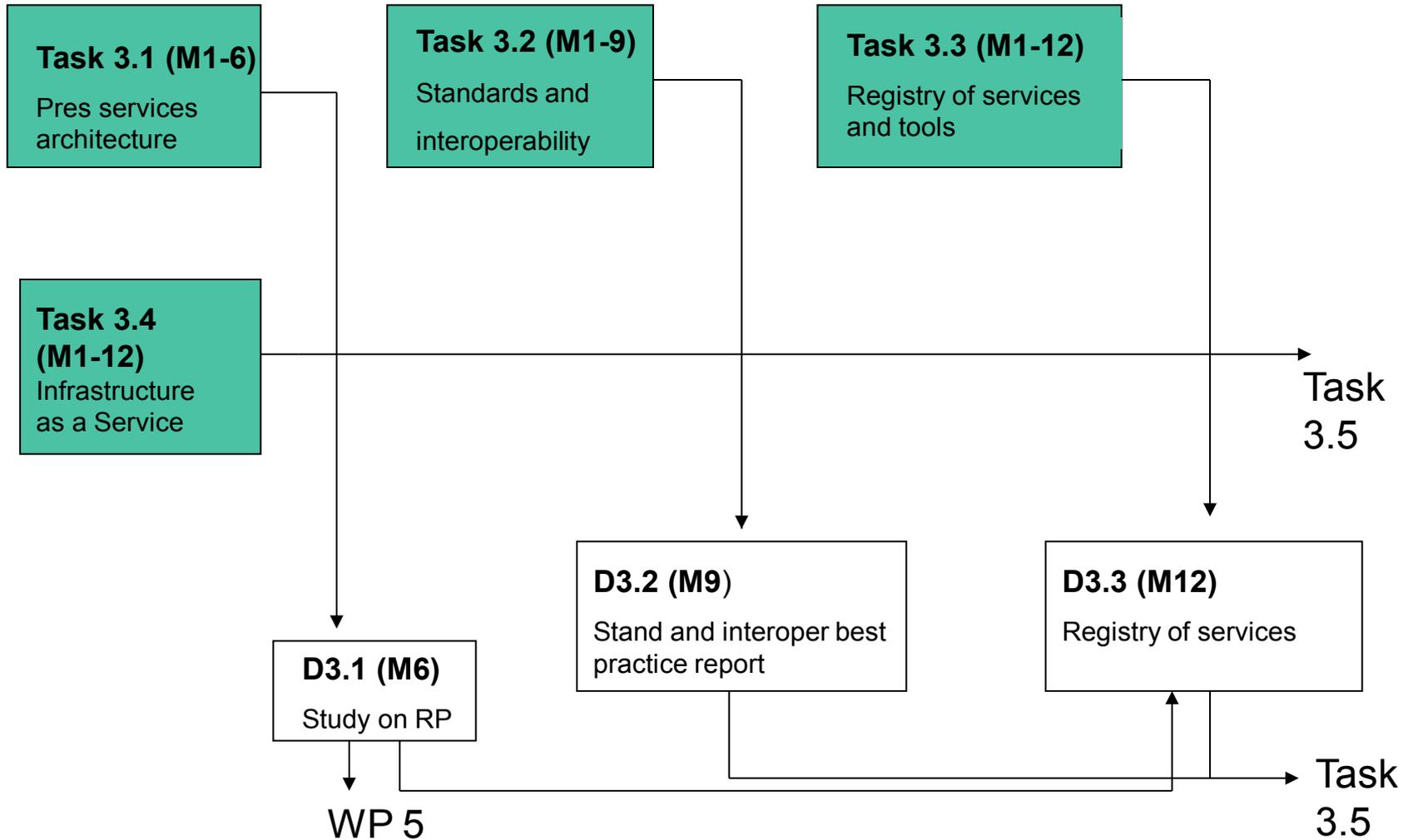
- To explore the state of the art in cultural heritage and e-infrastructure, and interoperability principles for digital preservation in order to inform the two communities about their other's practice
- To consider how standards and interoperability principles can be adopted by the cultural heritage and e-infrastructure communities in order to maximise their potential benefits

Partners in WP 3

- **RA** – Riksarkivet, Sweden: WP leader and leader of Task 3.1 and Task 3.5
- **ICCU** - Istituto Centrale per il Catalogo Unico delle biblioteche italiane e per le informazioni bibliografiche
- **BELSPO** – Service Public Federal de Programmation Politique Scientifique, Belgium
- **EVKM** - Eesti Vabariigi Kultuuriministeerium, Estonia
- **CT** – Collections Trust, United Kingdom: Leader of Task 3.2
- **PROMOTER** – Promoter SRL, Italy
- **PSNC** - Instytut Chemii Bioorganicznej PAN, Poland: Leader of Task 3.3
- **NIIFI** – Nemzeti Információs Infrastruktúra Fejlesztési Irod, Hungary : Leader of Task 3.4
- **EDiteUR** - Editeur Limited, United Kingdom

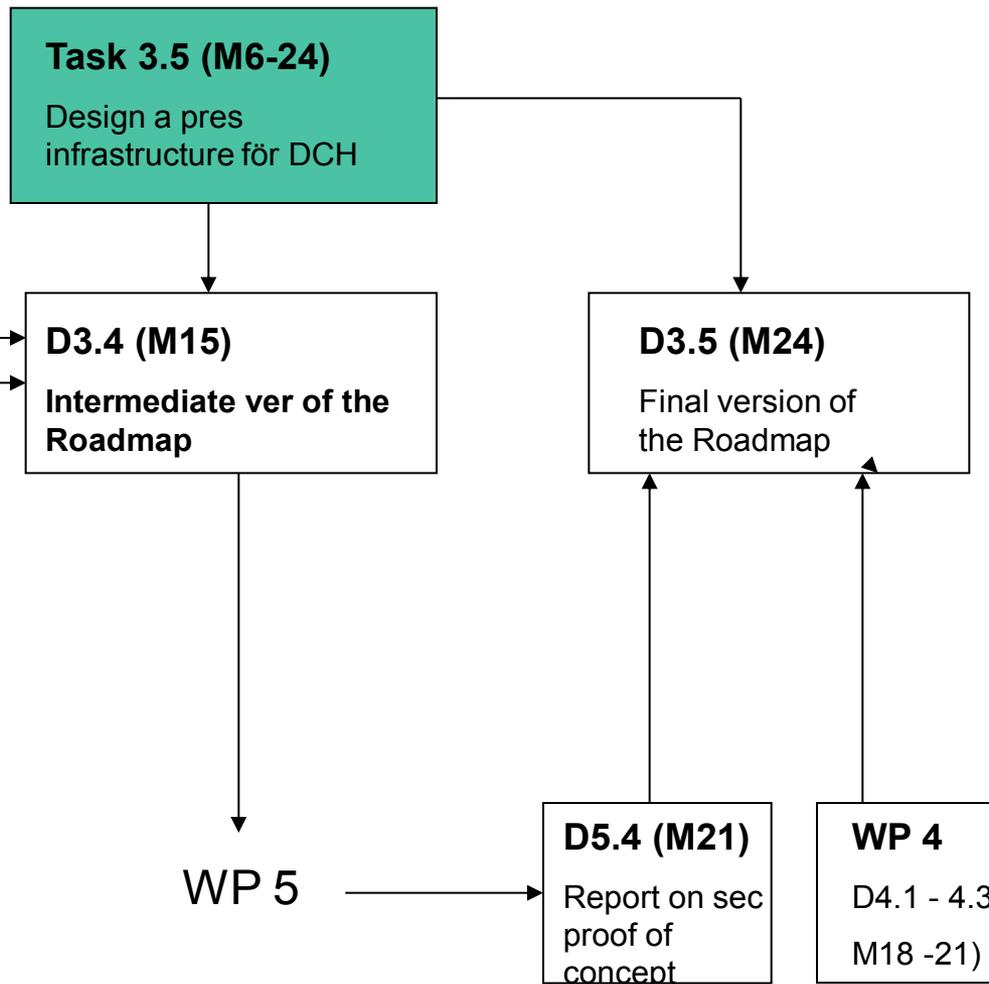
The overall work plan

M 1 - 12

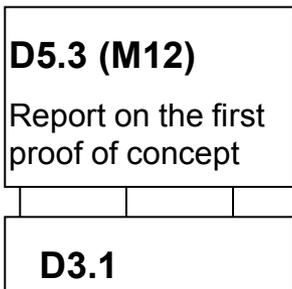


The overall work plan

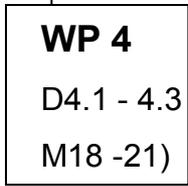
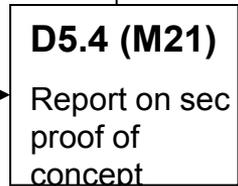
M12 - 24



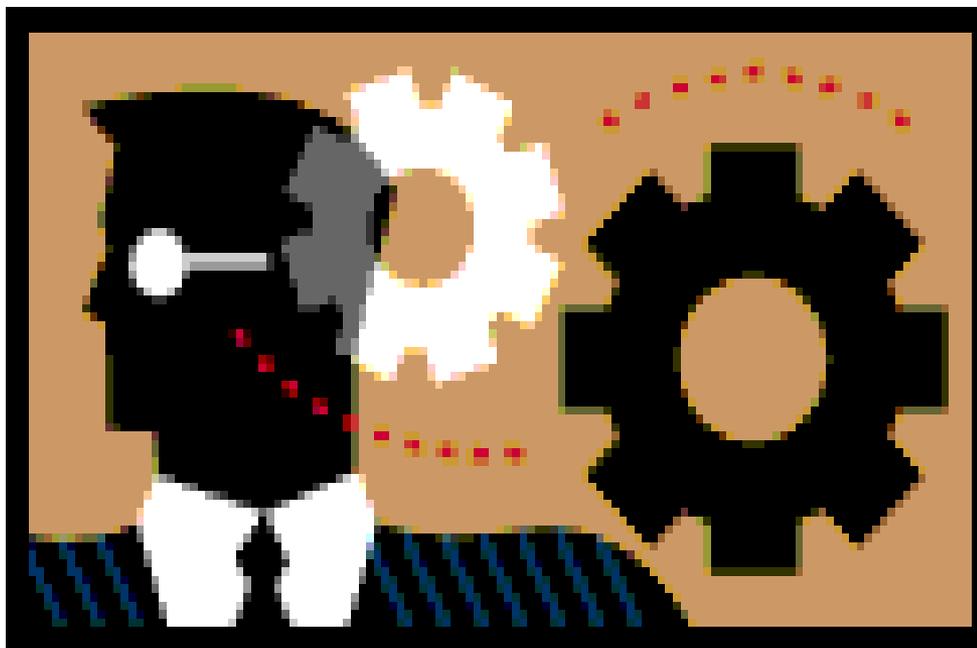
D3.2 (M9), D3.3 (M12) and results from task 3.4 (M12)



WP 5



Deliverable 3.1 - Study on a Roadmap for Preservation



Back ground

- Improving digital preservation practices in cultural heritage institutions is an onerous and complex task. Unlike digitisation, where common approaches and best practices are well developed, digital preservation is still an area where workflows and easily applicable universal toolkits are not on offer. Current solutions always require adaptation to the specific mandate of the institution, its technological infrastructure and the competences of its staff.

Back ground

- The need to address this situation and to offer more support to cultural heritage institutions was identified in the former INDICATE project and an initial survey of existing digital preservation tools and services was commissioned by the DC-Net project..

Target groups

- DCH-RP seeks to offer a coherent and realistic roadmap
 - which would help policy makers and programme owners to plan ahead,
 - and will at the same time assist managerial teams of cultural heritage institutions to take decisions related to digital preservation

Focus of the Roadmap: digital preservation services for DCH collections and holdings.

The deliverable is organised as follows:

- Section 2 offers first a summary overview of the DC-NET report that this deliverable builds on. The overview is followed by an update of the analysis of preservation tools and services in Section 3, with a special focus on services in grid and cloud environments.
- Section 4 looks at high level service architectures applied and summarises some emerging architectures. It is concluded in section 5 with a gap analysis between the preservation tools and services and grid architectures.

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- Section 6 begins the discussion of the DHC-RP digital preservation roadmap by looking at types of analysis that are required, possible timeline of the roadmap and offers an action plan for the short-term stage of the roadmap.
- The gap analysis is also intended to help synthesize ideas for the final roadmap development. A matrix is proposed in Section 6 with possible areas of intervention/co-ordination that can be used as a basis for further discussions within the DCH-RP consortium

Scenarios

In order to facilitate further discussion on the proofs of concept to be developed in WP5, WP 3 provide five hypothetical but typical scenarios that illustrate the range of requirements cultural institutions may have today. These scenarios (or service levels) could be piloted by the project in WP5 and further down the line during the roadmap implementation.

- Scenario 1. Using specialised research tools from a digital humanities e-Infrastructure on material preserved in-house
 - A major memory institution in France which has its own development team is gradually implementing a solution for digital preservation. It is using local in-house storage.

- Scenario 2. Integrating a new tool into an existing institutional infrastructure
 - A major memory institution in Germany had already developed its own preservation infrastructure. A new research project is asking for a newly developed software tool

- Scenario 3. Selecting a digital preservation solution in the case of an institution with only voluntary IT support
 - A little museum in Malta has a historical library and a digitised personal archive collection. The museum has staff of only 9 and only voluntary IT support.

- Scenario 4. Preservation from a consortium of collections on the cloud
 - A specialised consortium of several institutions working on a complete digital repository of the works of a modern digital artist who worked and exhibited in 15 different countries

- **Scenario 5. Preserving a 3D visualisation**
 - A research lab in the UK is collaborating with an archaeological site in Italy to create a 3D visualisation of an ancient building. The visualisation is used as scientific documentation

To go ahead

1. Finish the D3.1 (M6) with the help of input from project partners
2. Scheduled meetings with WP4 and 5
 1. Basic decisions f ex
 1. What is the road map aiming at in the first round of PoC
 2. The balance between target groups
 2. SCRUM meetings

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