APA RSEN

Alliance Permanent Access to the Records of Science in Europe Network

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Co-ordinated by Science & Technology Facilities Council

What is APARSEN?

- A Network of Excellence in digital preservation

- Funded by European Commission
  - 7th Framework Programme — Digital Libraries and Digital Preservation

- January 2011 to December 2014 (4 years)

- Coordinated by Science and Technology Facilities Council (UK)

- 31 renowned partners from 13 countries (10 EU countries + Israel, Russia, Switzerland)

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Objectives of APARSEN

- Looking across the excellent work in digital preservation in Europe

- Defragmentation of silos in digital preservation

- Trying to bring this work together under a Common Vision

- Leading to a "Virtual Centre of Excellence"

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APARSEN – Project vision

APARSEN is a Network of Excellence that

- Unifies a diverse set of practitioner organisations and researchers in digital preservation (DP)

- Brings coherence, cohesion and continuity to research into barriers to the long-term accessibility and usability of digital information and data

- Builds a long-lived Virtual Centre of Digital Preservation Excellence (VCoE)

- Takes DP to a higher level of recognition within the EU and beyond.

APARSEN Common Vision on digital preservation (DP)

The APARSEN partners represent a wide range of backgrounds in DP:

- Content holders and researchers, libraries and scientific data, many previous projects, …
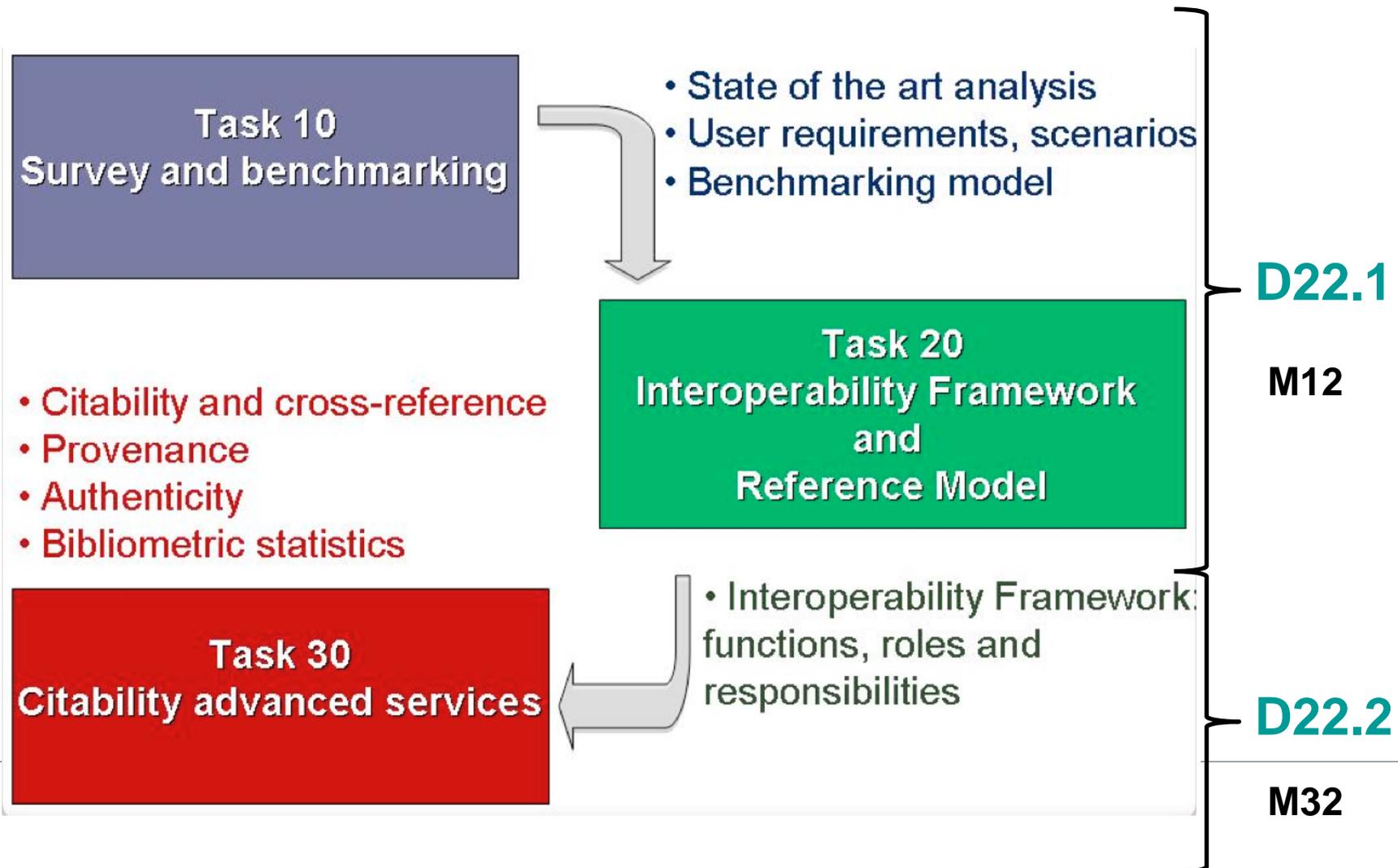
and will formulate a Common Vision for the future of DP which has two aspects:

- The establishment of a Virtual Centre of Excellence
- Common DP research agenda

WP22 Identifiers and citability
Leaded by FRD

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Identifiers and citability – Objectives and task relations

Task 10
Survey and benchmarking

- State of the art analysis
- User requirements, scenarios
- Benchmarking model

D22.1

M12

- Citability and cross-reference
- Provenance
- Authenticity
- Bibliometric statistics

Task 20
Interoperability Framework
and
Reference Model

Task 30
Citability advanced services

- Interoperability Framework:
functions, roles and
responsibilities

D22.2

M32

Identifiers and citability – Outcomes (M12)

Survey and Benchmarking

- State of the art analysis
  - Feature analysis: Persistent Identifier (PI) systems for digital objects and authors
  - PI interoperability: analysis of related projects (e.g. ORCID, PersID, RIDIR, OKKAM…).
- Survey on Persistent Identifier (PI) systems for
  - digital objects, authors and organizations (103 respondents) ➔ uses and practices, criteria for adoption, Limits, user requirements
- Benchmark assessment
  - Eligibility criteria for the interoperability framework
- Definition of possible scenarios about the use of the interoperability framework ➔ use cases (who, what, why, where, when, how, issues).

Identifiers and citability – Interoperability framework (IF)

Main objective

- Identify basic concepts within the universe of PI systems (and their interoperability), creating the ground for developing appropriate interoperability solutions and services
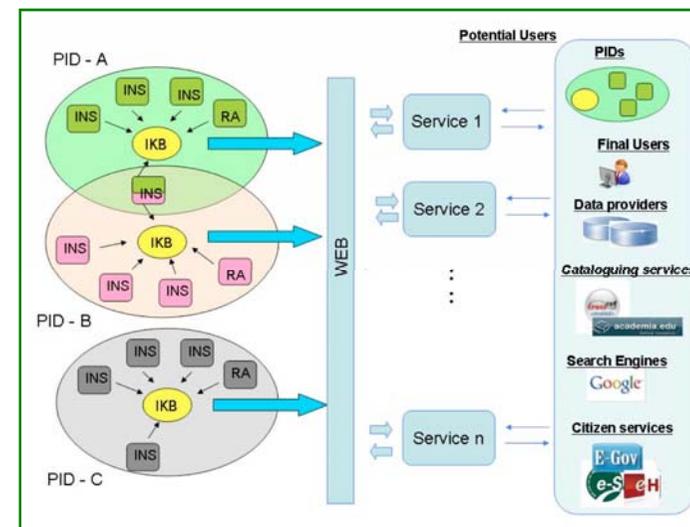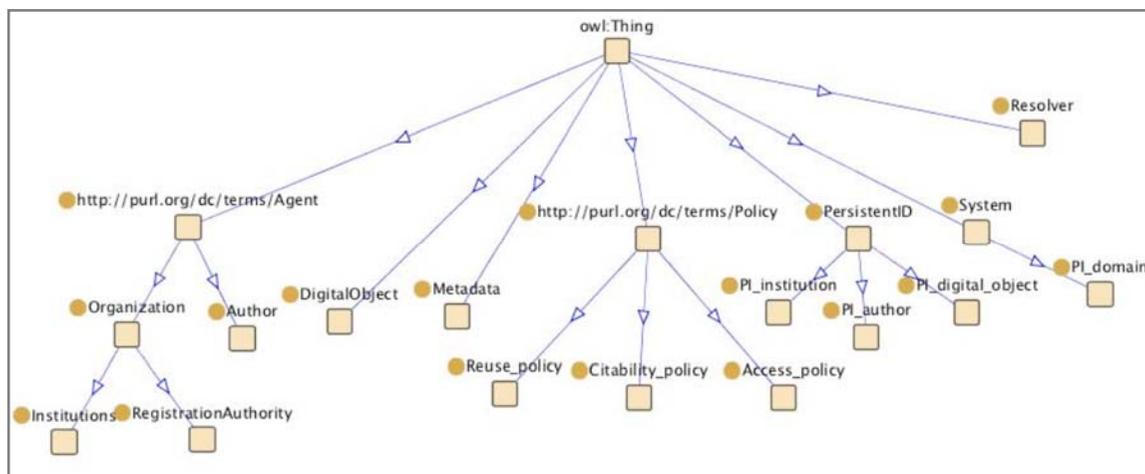
Main assumptions

- In the IF we consider only entities identified by at least one PI
- Only PI Domains (PIDs) that meet some criteria are eligible to be considered in the IF: trusted PI systems
- We delegate the responsibility to define relations among resources to Trusted PIDs
- We don't address digital preservation issues directly
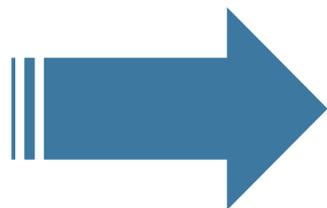
Identifiers and citability – Outcomes (M12)

Interoperability framework: definition of a conceptual interoperability model which includes:

1. Concepts and their properties
2. Relationships between concepts

Identifiers and citability – conclusions and next steps

- This work defines a framework to set up the conditions of the interoperability among PI systems (key entities and their relationships)

- Interoperability and implications for persistence.

- The Framework is thought to support the design and development of new interoperability services (citability, scientific production metrics, knowledge discovery).

Report on set of added value services and evaluation of user satisfaction

Internaltional workshops

Interoperability of Persistent Identifier Systems

Learning how to bring them together

- **Florence, 13 December 2012**

- **Sala Ente Cassa di Risparmio di Firenze,**

- **via Folco Portinari 3/5,**

http://www.rinascimento-digitale.it/workshopPI2012

Internaltional workshops on PI interoperability

Draft program:

09:00-09:30   Welcome and introduction

09:30-10:30   Reports on current state of art concerning PI (SURF-KE? / EPIC / DOI / RFC3188 bis, etc.)

Break

11:00-12:00   Presentation of PI Interoperability Framework (APARSEN)

12:00-13:00   Discussion. Alternatives, Feedbacks

Lunch

14:00-15:.00   PI for people (ORCID, ISNI, VIAF, CINECA) + interoperability issues

15:00-16:00   Strategies for interoperability

Break

16:00-16.30   Conclusion / Next steps

Drinks

Network of Excellence