DCH-RP Kick-off meeting

Rossella Caffo
Ministero per i Beni e le Attività Culturali
Istituto Centrale per il Catalogo Unico

Rome, 8 October 2012
MiBAC

- 1 general secretariat
- 8 general directorates
- 18 competence centers/autonomous institutes
- 17 regional directorates
- 100 local superintendences
- 1517 archives/libraries/museums/archaeological sites, monuments etc.

- About 20.000 personnel staff
The Central Institute for the Union Catalogue of Italian Libraries (ICCU)

- is the national center which promotes and coordinates cataloguing and digitisation activities of the Italian libraries
- is a body of the Italian Ministry for cultural heritage and activities
- is responsible for guiding, producing, adapting and disseminating the standard rules for cataloguing and digitisation of the library heritage
- is committed for the implementation of European digitisation projects (cross-domain approach)

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Kick-off meeting
## ICCU Departments and Activities

ICCU is structured in **2 services and 6 departments**

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<th>1. Administrative Service</th>
<th>1. Standards rules for cataloguing and digitisation</th>
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<td>2. Service for the cultural promotion</td>
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### Projects:

- Internet Culturale
- CulturalItalia
- Europeana (Italian partic.)
- World Digital Library (Italian partic.)
- European projects
- Google Books (Italian partic.)
- European projects
- Google Books (Italian partic.)
Coordination experience

Under the ICCU’s director responsibility

• MINERVA, coordination of digitisation policies
• MICHAEL, connecting people to digital collections from ALM across Europe
• ATHENA, supporting museums towards Europeana

• DC-NET, e-Infrastructure for virtual research community in the Digital Cultural Heritage
• INDICATE, International Network for a Digital Cultural Heritage e-Infrastructure
The needs of the DCH sector

- High quality **information technology** management, to ensure trust, availability, reliability, long term safety of content, security, preservation and sustainability;
- **Access facilities** to the final users *(the researchers)* who will search into the DCH e-Infrastructure for their research and to the cultural institutions that will deliver their data to the DCH e-Infrastructure;
- **Interoperability** among existing cultural heritage repositories and of cultural heritage data with research data.
DCH and the e-Infrastructures

• To focus on the use of existing e-infrastructures as a channel for **delivery, access and preservation** of digital cultural heritage data

• To establish factual **cooperation** among three sectors (the research, the cultural heritage and the e-infrastructures) that are not used to work together
Three integrated projects

- **DC-NET**: joint activities plan for DCH e-infrastructure implementation
- **INDICATE**: international cooperation, use case studies, pilots, policy harmonisation
- **DCH-RP**: developing and validating a Roadmap for digital preservation
DC-NET

- **A Network for the European Research Area:**
- Composed by Programme Owners and Programme Managers in the cultural sector
  - To agree common perspectives & priorities across EU Member States
  - To establish an operative dialogue between cultural heritage and e-Infrastructures communities in Europe,
  - To identify constraints and capabilities in order to establish a plan of joint activities

- Completed in March 2012
- A project funded by EC FP7 e-Infrastructures
DC-NET service priority list

- Long-term preservation
- Persistent identifiers
- Interoperability and Aggregation
- Advanced search
- Data resource set-up
- User authentication and access control
- IPR and digital rights management

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Study on preservation

• Digital preservation services: state of the art analysis

• Edited by Raivo Ruusalepp and Milena Dobreva
  ➢ Overview of the state of the art in service provision for digital preservation and curation
  ➢ Focus: on the areas where bridging the gaps is needed between e-Infrastructures and efficient and forward-looking digital preservation services
  ➢ Available at www.dc-net.org
INDICATE – a concrete approach

- To foster the **international cooperation** of eInfrastructures providers and cultural heritage users
- Target **regions**:
  - Mediterranean region (Egypt, Turkey and Jordan)
  - Cooperation with China in liaison with the EPIKH Grid School
- Started in September 2010, it will last until November 2012
- A project funded by EC FP7 e-Infrastructures
Key actions

• **Pilots** and **case studies** as demonstrators of the processes relevant to establishing cultural initiatives on the e-Infrastructure platforms

• **Coordination of policy** regarding the use of e-Infrastructures for digital cultural heritage in countries all around the Mediterranean

• **Dissemination** and contribution to the establishment of the DCH Community
Pilots and case studies

- Pilots
  - Semantic Search pilot
  - e-Collaborative Digital Archives

- Case studies
  - Long Term Preservation (Ankara workshop)
  - Virtual exhibitions (Amman workshop)
  - Geo-coded Digital Cultural Content (Ljubljana workshop)
DCH-RP: a Roadmap for the long-term preservation in DCH

- A Coordination Action with cultural institutions, e-infrastructure providers and a wide network of international organisations willing to contribute to the project
- DCH-RP refers to the digital preservation of digital representation of cultural objects (not to the preservation of physical cultural objects)
- Focus on the storage phase, which includes both ‘long-term preservation’ (including dark archives) and ‘short-term preservation’ (storage for a relatively short period of access)
Digital Cultural Heritage – Roadmap for Preservation

DCH-RP

Digital Cultural Heritage Roadmap for Preservation
- Open Science Infrastructure for DCH in 2020
Grant agreement no: 312274
Duration: 24 months

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DCH-RP: a Roadmap for the long-term preservation in DCH

• The vision for the next two decades is to implement a federated infrastructure dedicated to support the application of open science in the arts and the humanities. Preservation is the first priority.

• DCH-RP is a coordination action whose main expected outcome is a roadmap for the implementation of a preservation federated e-infrastructure for DCH. Such infrastructure will exploit the facilities offered by the research infrastructures, namely by NREN, Grid Initiatives and the newer data infrastructures.

• DCH-RP builds upon the knowledge generated by the DC-NET ERA-NET and the INDICATE.

• DCH-RP will design a roadmap to be executed within future implementation projects.
### DCH-RP partners

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Kick-off meeting
DCH-RP objectives

- To harmonise data storage and preservation policies in the DCH sector at European and international level
- To progress with the dialogue among DCH institutions, e-Infrastructures, research and private organisations
- To establish the conditions for these sectors to integrated their efforts into a common work
- To identify the most suitable models for the governance, maintenance and sustainability of such integrated infrastructure for digital preservation of cultural content
DCH-RP approach

• Preservation Roadmap (WP3)
• Case Studies and Best Practice (WP4)
• Proofs of concept (WP5)
DCH-RP expected outcomes

• The main outcome will be a Roadmap for the implementation of a preservation infrastructure for DCH
• supplemented by **practical tools** for decision makers
• validated through a range of **proof of concepts**, where cultural institutions and e-infrastructure providers will work together on concrete experiments

• DCH-RP Roadmap is intended as the first instance of the Open Science Infrastructure for DCH in 2020
The vision

- DC-NET, INDICATE and DCH-RP are part of a wider process, which started 10 years ago among cultural institutions
- This process entered in a new phase joining the research e-infrastructures
- Time is ready to start working towards an Open Science Infrastructure for Digital Cultural Heritage in 2020

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The Italian contribution

Italy will participate in the experiments with Magazzini Digitali, Internet culturale magteca

• Italian Working Group
  • Patrizia Martini (ICCU, WG Referee)
  • Giovanni Bergamin (Florence National Library)
  • Giovanni Ciccgioni (ICCU)
  • Laura Ciancio (ICCU)
  • Paola Manoni (Biblioteca Vaticana)
  • Maurizio Messina (Marciana Library)
  • Gabriella Paolini (Consortium GARR)
  • Sabrina Tomassini (Consortium GARR)

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ICCU Staff

• Patrizia Martini (WP2 Task Leader)
• Andrea Tempera (Management)
• Alessandra Stella (Secretariat)
• Elisa Sciotti (Support)
• Angela Chiaraluce (Website)

• Support: Promoter
WP2 – Dissemination and sustainability

• WP Leader: ICCU
• Contributors: all partners

• Goals
  ➢ To make the information gathered by the project available to the widest possible audience
  ➢ To encourage DCH actors, including cultural ministries and agencies, to engage with e-Infrastructures and to examine the delivery of preservation services
  ➢ To support these objectives by creating and delivering dissemination supports such as project website and brochures
  ➢ To organise one final international conference to present the project results to the public
WP2 – Dissemination and sustainability

• Goals

➢ To coordinate the participation of the partners in third parties events to promote the DCH-RP project
➢ To develop the sustainability strategy for the preservation infrastructure for DCH
➢ To put in place mechanisms and contacts for consulting with stakeholders
➢ To create a network of common interest and to contribute to the ongoing process of building the DCH research community.
WP2 – Dissemination and sustainability

• **Deliverables**
  • D2.1 Project website and internal communication tools (month 3)
  • D2.2.1 Terms of Reference for community building and stakeholders Consultation (month 6)
  • D2.3.1 Dissemination plan and promotional Material (month 6)
  • D2.2.2 Report on community building, stakeholders consultation and sustainability strategy (month 24)
  • D2.3.2 Report on dissemination activities (month 24)

• **Milestones**
  • M4: Dissemination plan established
  • M5: Dissemination achieved
Thanks for your attention!

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