DCH-RP Kick-off meeting

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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)

ICCU Departments and Activities

ICCU is structured in
2 services and 6 departments

1. Administrative Service

2. Service for the cultural promotion

Projects:

• Internet Culturale
• CulturaItalia
• Europeana (Italian partic.)
• World Digital Library (Italian partic.)
• European projects
• Google Books (Italian partic.)

1. Standards rules for cataloguing and digitisation

2. National Library Service (SBN)

3. Bibliographic information and activities, Registry of the Italian libraries

4. Digitisation and access to documents

5. Activities concerning bibliography, cataloguing and census of the ancient book held by the Italian libraries
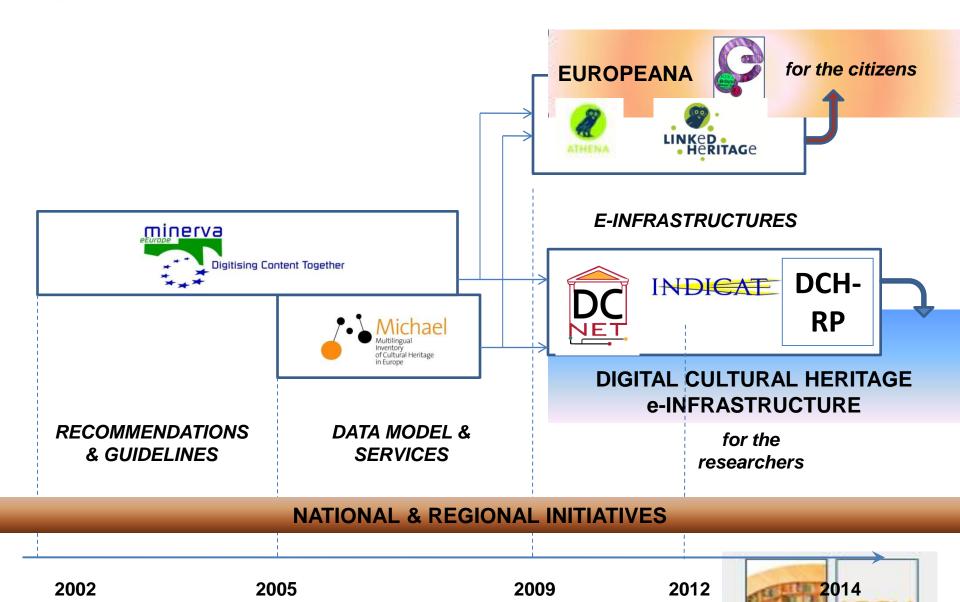6. Census of manuscripts held by the Italian libraries

EUROPEANA

for the citizens

ATHENA

LINKeD HeRITAGe

E-INFRASTRUCTURES

minerva
eEurope
Digitising Content Together

Michael
Multilingual Inventory of Cultural Heritage in Europe

DC NET

INDICATE

DCH-RP

DIGITAL CULTURAL HERITAGE e-INFRASTRUCTURE

for the researchers

RECOMMENDATIONS & GUIDELINES

DATA MODEL & SERVICES

NATIONAL & REGIONAL INITIATIVES

2002   2005   2009   2012   2014

ICCU

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-Infrastruicture

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 <u>final users (*the researchers*)</u> who will search into the DCH e-Infrastructure for their research and to the <u>cultural institutions</u> 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
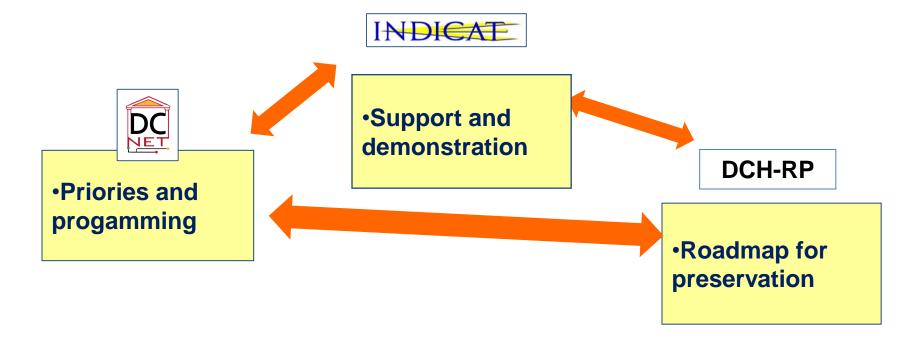
Three integrated projects

- **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

Study on preservation

- **Digital preservation services: state of the art analisys**

- 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)

DCH-RP

Digital Cultural Heritage Roadmap for Preservation

- Open Science Infrastructure for DCH in 2020

Grant agreement no: 312274

Duration: 24 months

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

- 1 ICCU Italy
- 2 RIKSARKIVET Sweden
- 3 BELSPO Belgium
- 4 EVK Estonia
- 5 COLLECTIONS TRUST United Kingdom
- 6 Promoter Italy
- 7 EGI.eu the Netherlands
- 8 INFN Italy
- 9 PSNC Poland
- 10 NIIFI Hungary
- 11 EDItEUR United Kingdom
- 12 TERENA the Netherlands
- 13 Michael Culture Belgium

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
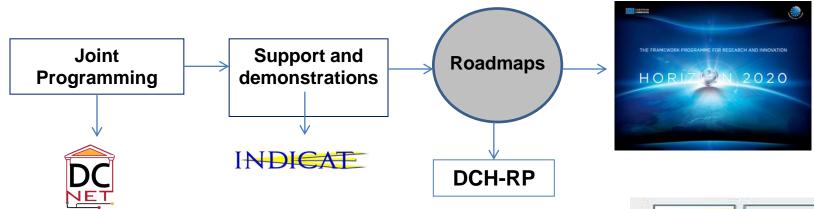
The vision

- 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

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 Ciccaglioni (ICCU)
- Laura Ciancio (ICCU)
- Paola Manoni (Biblioteca Vaticana)
- Maurizio Messina (Marciana Library)
- Gabriella Paolini (Consortium GARR)
- Sabrina Tomassini (Consortium GARR)

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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