

DARIAH-DIGITAL RESEARCH INFRASTRUCTURE FOR THE ARTS AND HUMANITIES AND CNR-NATIONAL RESEARCH COUNCIL OF ITALY

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CNR-Department of Social Sciences and Humanities, Cultural Heritage

e-Infrastructure Concertation Workshop

Tallinn University

April, 23, 2014



National Research Council of Italy

**the largest public research centre in Italy
under MIUR-Ministry of Education, University and Research
performing multidisciplinary research**

Foundation: 1923

Mission: to carry out, promote, spread, transfer and improve research activities in the different branches of knowledge

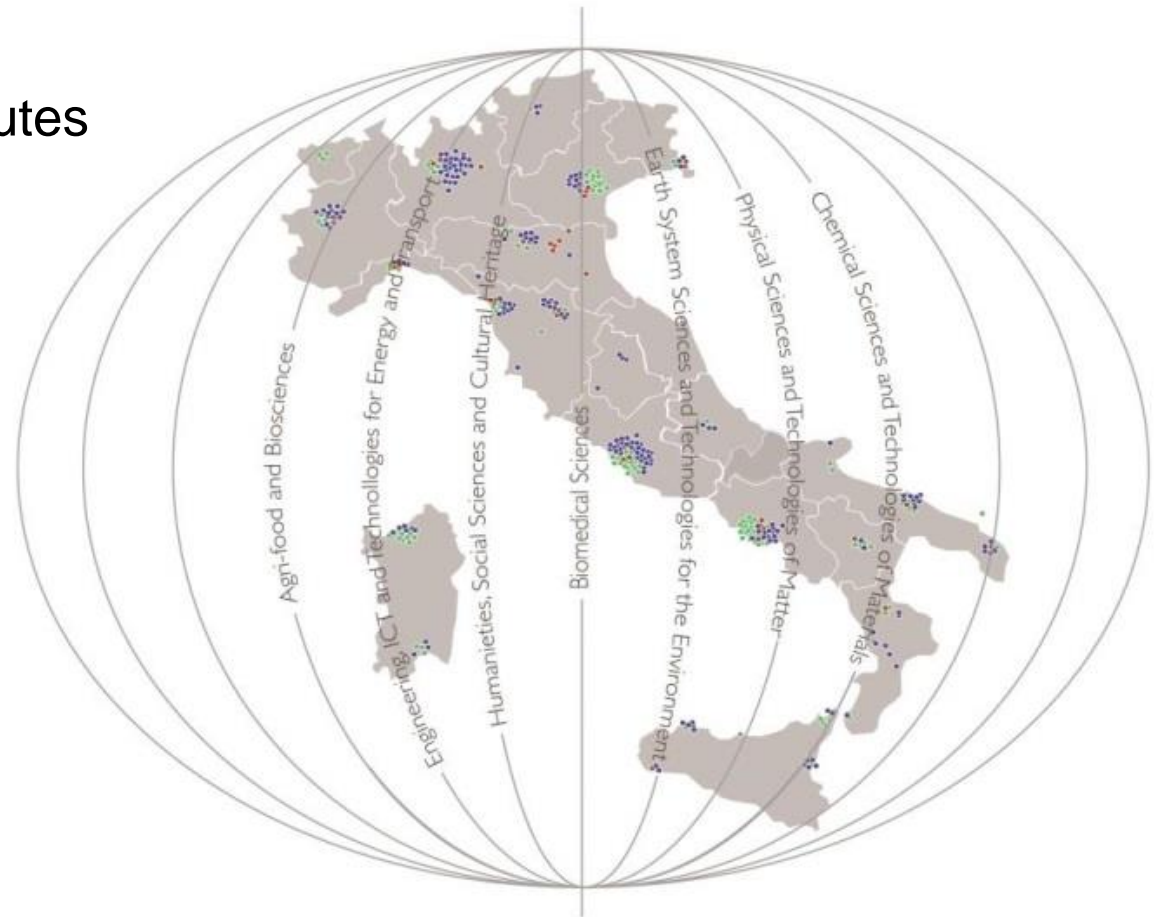
Objective: to support the scientific, technological, economic and social development of the country





National Research Council of Italy

- ❖ 109 Research Institutes
- ❖ 7 Departments





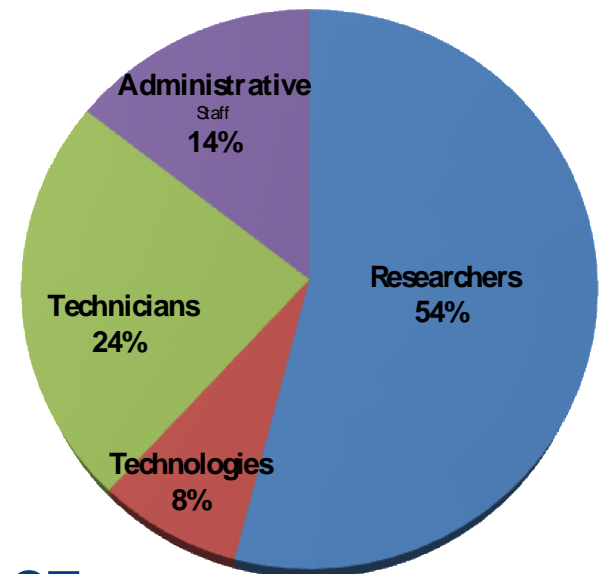
DSU-Department of Social Sciences and Humanities, Cultural Heritage

April 2012: fusion of the Department of Cultural Identity and the Department of Cultural Heritage

Employees: 800 (10% of CNR)

Mission:

- Basic and applied research
- Doctoral and post-doctoral education
- Technological transfer



MIUR ↔ CNR-DSU ↔ MIBACT





DSU-Department of Social Sciences and Humanities, Cultural Heritage

Heritage Science

IBAM-Institute of archeological heritage - monuments and sites, www.ibam.cnr.it

ICVBC-Institute for the conservation and valorization of cultural heritage, www.icvbc.cnr.it

ILIESI-Institute for the European intellectual lexicon and history of ideas, www.iliesi.cnr.it

ISEM-Institute of Mediterranean Europe history, www.isem.cnr

ISMA-Institute for the Study on Ancient Mediterranean, www.iscima.cnr.it/

ISPF-Institute for the history of philosophical and scientific thought in modern age, www.ispf.cnr.it

ITABC-Institute for technologies applied to cultural heritage, www.itabc.cnr.it

OVI-The Italian dictionary, www.oivi.cnr.it

Jurisprudence

IRSIG-Research institute on judicial systems, www.irsig.cnr.it

ISGI-Institute for international legal studies, www.isgi.cnr.it

ISSIRFA, Institute for the study of regionalism, federalism and self-government "Massimo Severo Giannini", www.issirfa.cnr.it

ITTIG-Institute of legal information theory and technology, www.ittig.cnr.it

IDAIC-Istituto of international agricultural law, www.idaic.cnr.it/index.php

Social Sciences

CERIS-Institute of research on firm and development, www.ceris.cnr.it

IRAT-Institute for service industry research, www.irat.cnr.it

IRPPS-Institute for research on population and social policies, www.irpps.cnr.it

ISSM-Institute of studies on Mediterranean societies, www.issm.cnr.it

Cognitive and Linguistic Research

ILC-Institute of computational linguistics «Antonio Zampolli», www.ilc.cnr.it

ISTC-Institute of cognitive sciences and technologies, www.istc.cnr.it/

ITD-Institute for educational technology, www.itd.cnr.it



Main transversal issues:

- ❖ E-learning
- ❖ Research Evaluation and Indicators
- ❖ E-publishing
- ❖ Smart Cities and Communities
- ❖ Migration Studies
- ❖ Innovation and SMEs in Society of Knowledge Economics
- ❖ Research Infrastructure in SSH:
CESSDA ERIC (<http://www.cessda.net>); CLARIN ERIC (www.clarin.eu); DARIAH ERIC (www.dariah.eu); ESS ERIC (www.europeansocialsurvey.org), IPERION CH; SHARE ERIC (www.share-project.org)



DARIAH ERIC*

The VISION is to facilitate long-term access to, and use of, all European Arts and Humanities (A+H) digital research data.

It is a connected “network” of
PEOPLE, KNOWLEDGE, FACILITIES, RESOURCES, SERVICES, TOOLS AND METHODOLOGIES
for investigating, exploring and supporting work across digital humanities.

Research and scientific communities use DARIAH ERIC to conduct top level research and foster innovation in the field of digital humanities.

**An ERIC has legal personality based on EU law (Article 171 of the EC Treaty).
Its main tasks are establish and operate a research infrastructure.*

Digital Research Infrastructure



2006: DARIAH included in the ESFRI Roadmap

2008-2011: Preparatory Phase project,
preparing DARIAH



2011-2013: Transition Phase, establishing the DARIAH ERIC,
integrating national activities

30.01.2014: DARIAH submitted an European Research Infrastructure Consortium (ERIC) Application:

- DARIAH ERIC Draft Statutes
- Technical and Scientific Description
- Letters of Commitment
- Financial Model

1. Austria
2. Cyprus
3. Denmark
4. France
5. Germany
6. Greece
7. Ireland
8. Italy
9. Luxembourg
10. The Netherlands
11. Serbia
12. Slovenia

Host country: France

Additional countries can join DARIAH ERIC as Founding Members until the European Commission freezes the DARIAH ERIC application documents (September 2014) but also after the establishing of the Consortium itself.

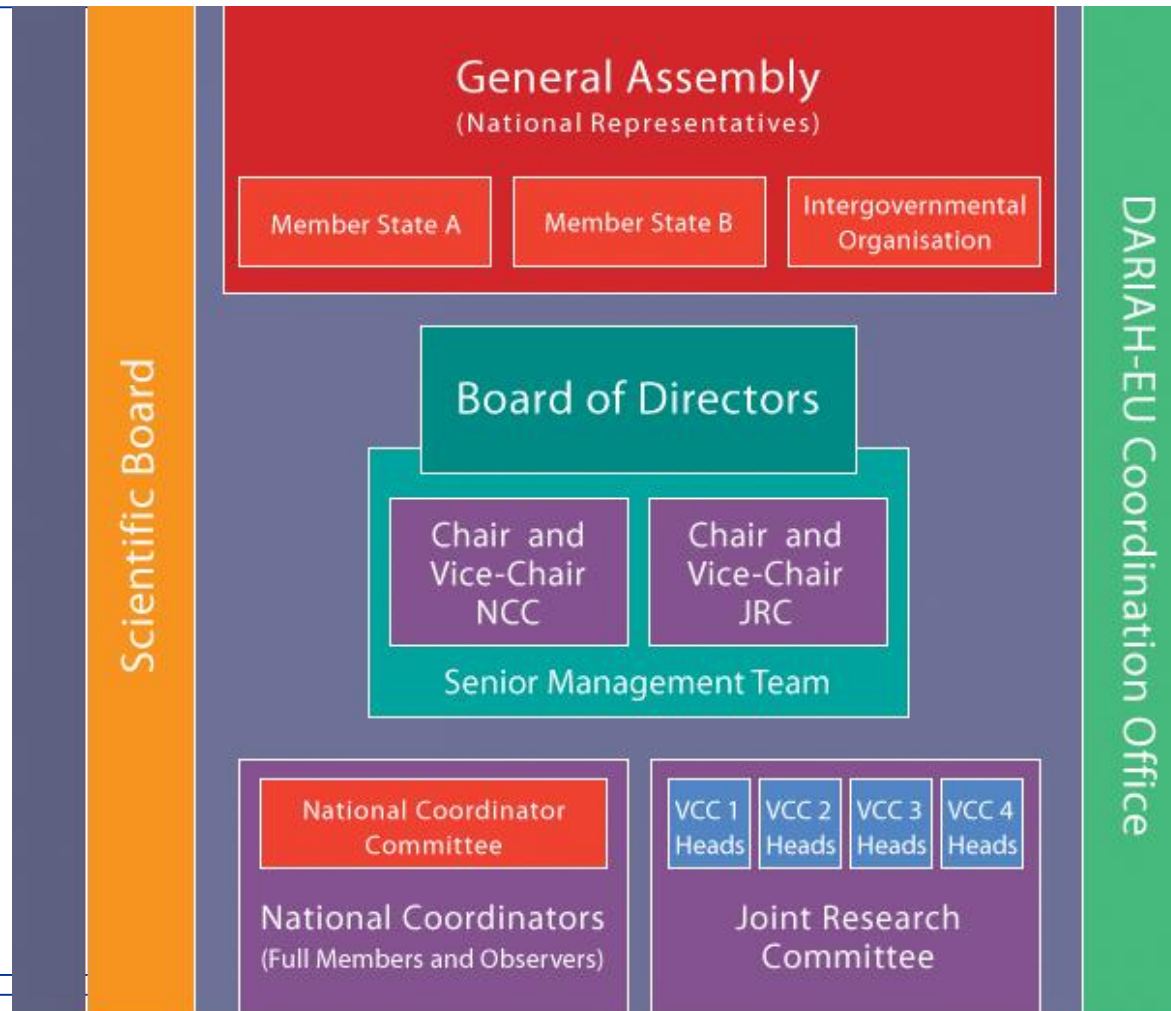
National Steering Committee (NSC) is composed of the representatives of the following national organisations:

- ❖ CNR-National Research Council of Italy
- ❖ MiBACT-Ministry of Cultural Heritage and Activities, and Tourism
- ❖ CINECA, non profit Consortium, largest Italian computing centre
- ❖ Cultural Institutes (e.g. AICI-Association of Italian Institutes of Culture)
- ❖ GARR-Italian Academic and Research Telecommunication Consortium
- ❖ INFN-National Institute of Nuclear Physics
- ❖ Museo Galileo
- ❖ Universities (e.g. Florence, PIN-University Campus of Prato)
- ❖ SISMEL-International Society for the Study of Medieval Latin Culture

- ❖ Close collaboration between MiBACT and MIUR in the A+H sector:
 - Exploitation of large repositories of A+H data with the aid offered by top-level research teams
 - Preservation of restoration archives (samples, data, etc.)

- ❖ National funded projects (in-kind contribution to DARIAH).
 - e.g. PEGASUS-Preserving and Ensuring an open Government for a smart Access to Scientific and cUltural Sources [CNR, Science and Technology Digital Library [CNR], National Library Service, http://www.sbn.it/opacsbn/opac/iccu/free_en.jsp [MiBACT], Internet Culturale, <http://www.internetculturale.it> [MiBACT]

- ❖ Affiliated European projects (in-kind contribution to DARIAH)
 - e.g. ARIADNE, IPERION



Total cost per year: 4 million €

National contributions made by members (GDP-based)

Contributions consist of two parts:

- Cash-10%
- In-kind 90%



Scientific activities are implemented through VCCs by integrating national activities



VCC1 – e-infrastructure

To establish a shared technology platform for A+H research



VCC2 – Research and Education Liaison

To expose and share researcher's knowledge, methodologies and expertises



VCC3 – Scholarly Content Management

To facilitate the exposure and sharing of scholarly content



VCC4 – Advocacy, Impact and Outreach

To interface with key influencers in and for A+H

Integrating activities

- **CHARISMA**-Cultural Heritage Advanced Research Infrastructures, <http://www.charismaproject.eu/>
- **EHRI**-The European Holocaust Research Infrastructure, www.ehri-project.eu
- **CENDARI**-Collaborative European Digital Archive Infrastructure, <http://www.cendari.eu/>
- **ARIADNE**-Advanced Research Infrastructure for Archaeological Dataset Networking in Europe, <http://www.ariadne-infrastructure.eu/>

Research into e-Research

- **NeDiMah**-Network for Digital Methods in the Arts and Humanities, <http://www.nedimah.eu/>

Education

- **DiXiT**-Digital Scholarly Editions Initial Training Network, dixit.uni-koeln.de/home.html

Collaborations with other Infrastructures

- **DASISH**-Data Service Infrastructure for Social Sciences and Humanities, <http://dasish.eu>
- **CLARIN ERIC**-Common Language Resources and Technology Infrastructure, <http://www.clarin.eu>

The IPERION CH exemple

- IPERION CH, Integrated Project for the European Infrastructure ON Cultural Heritage
 - “hardware” infrastructure for Heritage Science
 - follow-up of CHARISMA project, www.charismaproject.eu
 - INFRAIA-1-2014-2015 (Deadline: 2nd of September 2014)
 - 27 partners
 - ERIC in H2020
 - IPERION CH.it funded by MIUR

**IPERION-CH and DARIAH-ERIC will share activities and themes
of research, to be developed in close collaboration:
SMART DIGITIZING OF CULTURAL HERITAGE**

- ❖ DARIAH is a multinational collaboration with a stable legal form (ERIC)
- ❖ DARIAH as an integrating activity
- ❖ Each founding member contributes to DARIAH ERIC through cash and in-kind contribution
- ❖ The example of DARIAH-IT
- ❖ DARIAH supports European developments

THANK YOU FOR YOUR ATTENTION!

DARIAH ERIC, <http://dariah.eu>

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