

Digital Research Infrastructure for the Arts and Humanities

# Towards Founding Membership of the DARIAH ERIC



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#### 1. Introduction

DARIAH, the Digital Research Infrastructure for the Arts and Humanities aims to enhance and support digitally-enabled research across the humanities and arts. DARIAH will develop, maintain and operate an infrastructure in support of ICT-based research practices and support researchers in using ICT-enabled methods to analyse and interpret digital resources.

DARIAH is an integrating activity bringing together the state-of-the-art digital arts and humanities activities of its member countries. DARIAH aims to secure sustainably funding for digital arts and humanities research and education across Europe. As a step towards this goal, DARIAH is in the process of establishing itself as a European organisation or ERIC (European Research Infrastructure Consortium). Members of DARIAH ERIC will be countries in the European Union and Associated States, who commit to jointly develop DARIAH. France will be the future Host Country of the DARIAH ERIC. The statutory seat of the DARIAH-ERIC will be in Paris.

The following 12 countries (Austria, Croatia, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Slovenia and Serbia) have signed a Memorandum of Understanding (MoU) formally stating their willingness to support the establishment of the DARIAH-ERIC. Additionally other countries including Belgium, Israel, Portugal, Lithuania, Switzerland and the UK have all expressed their interest in participating.

This document intends to introduce future Founding Members of DARIAH by providing an overview per country of:

- the national priorities for digital arts and humanities
- national DARIAH activities including partner organisations and areas of expertise
- intended participation in DARIAH-EU.



# 2. Future Founding Members

2.1. Austria



Representing Entity <u>Austrian Federal Ministry for Science and Research</u>

National Representative Isabella Eiselt

National Coordinating Institution Austrian Academy of Sciences

National Coordinator Gerhard Budin

Partner Institutions • Institute for Corpus Linguistics and Text Technology

at the Austrian Academy of Sciences

• University of Vienna represented by the Centre for

**Translation Studies** 

• University of Graz, Center for Information Modelling

in the Humanities

Austrian National Library

• <u>University of Innsbruck</u>

DARIAH-AT website:

• Institute of Corpus Linguistics and Text Technology,

<u>Infrastructures</u>

• Austrian Federal Ministry for Science and Research:

**DARIAH** 

#### **Country profile**

- National priorities in DARIAH-AT: the national priorities are to foster digital humanities
  research by strengthening relevant research infrastructures and linking them to
  international partner networks. The DARIAH-AT consortium is currently being enlarged by
  adding more universities with their relevant faculties, institutes, centres, that have built up
  relevant expertise, corpora, services, technical support.
- DARIAH nationally: In recent years the Austrian Academy of Sciences has increasingly focused on the role of digital humanities methods in scholarly research in disciplines such as linguistics and literary studies, archaeology, history, ethnology, etc. The ICLTT has been the lead institute at the Academy for developing digital humanities research infrastructures, but in addition there are other institutes such as the Austrian Phonogramme Archive focusing on digital preservation of audio-visual materials that has become an internationally well-acknowledged competence centre in long-term preservation. ICLTT is also Austria's contribution to the DASISH project, a satellite INFRA-project in FP7 around the five SSH-ESFRI research infrastructure initiatives. Thus our approach is inherently cross-disciplinary and we are strongly in favour of an integrated SSH-infrastructure as a long-term goal. At the University of Vienna several humanities faculties



(philology-cultural studies, historical studies, translation studies, philosophy and education, etc.) have developed humanities research infrastructures (PHAIDRA) together with the university library and the central computing service. The German department of the University of Innsbruck has been a competence centre for humanities research with XML methods, and the University of Graz has a specialized centre for information modelling in the humanities that is very actively involved in DARIAH-AT and DARIAH-EU. The research department of the Austrian National Library is a competence centre for massive digitisation and innovative resource development for Europeana that needs to be linked to DARIAH for mutual benefit.

Participation in DARIAH-EU: DARIAH-AT has so far concentrated on the co-lead of VCC1 on
e-Infrastructures in DARIAH-EU, focusing on the technical aspects and layers of the
research infrastructure development such as metadata, data federation and distributed
content management, etc. DARIAH-AT will actively participate in the other VCCs as well.

The benefits we expect for DARIAH-AT: it is obviously a give and take, we want to provide our expertise to partner countries and we want to profit from the expertise in digital humanities research and research infrastructures from partner countries. Our common goal is build a strong European research infrastructure for the different disciplines in digital humanities but also beyond, to link it to social science research and their relevant research infrastructures.



2.2. Croatia



Representing Entity Ministry of Science, Education and Sport of the Republic of

**Croatia** 

National Representative Saša Zelenika

National Coordinating Institution Ruder Bošković Institute

National Coordinator Karolj Skala

Partner Institutions Ruđer Bošković Institute (RBI)

Faculty of Philosophy, University of Zagreb (FFZG) National and University library of Zagreb (NSK)

**Croatian State Archives (HDA)** 

Museum Documentation Center (MDC)

Croatian Academy of Sciences and Arts (HAZU)

**Croatian Conservation Institute (HRZ)** 

The Institute of Croatian Language and Linguistics (ICLL)
Business - Innovation Agency of the Republic of Croatia

(BICRO)

**DARIAH-HR** website

Country profile

The National priorities for digital arts and humanities are expressed through an official document of the Croatian Ministry of Culture "Strateški plan Ministarstva kulture 2012 -2014". The document presents the national plan, which contains two main goals. The first goal of the strategy is the development of cultural and artistic creativity and production within which they identify the following specific objectives: 1) to support artistic creativity, entrepreneurship and participation in culture, 2) the development of independent (non-institutional) culture, 3) encourage the development of the performing arts, 4) improving audio-visual industries and media, 5) development of literary publishing and library activity. Another aim of the strategy is called protected and preserved cultural heritage, within which there are the following specific objectives: 1) to establish a unified information system of Croatian cultural heritage, 2) secured optimal model of protection and management of cultural goods, 3) the development of museums and galleries activities, 4) development of the archive service for regular downloads. Another official document from the Ministry presents a strategy for protection, conservation and sustainable economic use of the cultural heritage of Croatia2. This document expresses the need for enhanced use of information and communication technologies in the processing of archive materials and delivery of knowledge content and to enhance access to museum collections; utilize the digitization for

 $\frac{kulture.hr/userdocsimages/NAJNOVIJE\%20NOVOSTI/Strateski\%20plan\%20Ministarstva\%20kulture\%202012\%20}{-2014\%20\%20-\%20revidiran\%20za\%20web\%2016042012.pdf}$ 

<sup>&</sup>lt;sup>1</sup> Web: http://www.min-

<sup>&</sup>lt;sup>2</sup> Strategija zaštite, očuvanja i održivog gospodarskog korištenja kulturne baštine Republike Hrvatske za razdoblje 2011–2015, web: <a href="http://www.min-kulture.hr/default.aspx?id=7073">http://www.min-kulture.hr/default.aspx?id=7073</a>



making added value in terms of creating new audiences and connecting museums with other environments (educational, tourist and etc.). This document highlights the need for completing an inventory of museum collections, documentation and registry of museum funds, the online catalogue of cultural heritage and cultural assets register with the continued computerization of museums with a significantly larger proportion of experts who will establish cooperation and interoperability with other information systems (libraries, archives, heritage, etc.), as well as the intention to preserve content by digitization, the public announcement and continued partnership in EU digitization projects.

#### **Partner institutions:**

#### Ruđer Bošković Institute (RBI)

RBI is the largest national scientific research institution. As partner on the EGEE, SEE-GRID-SCI, CRO GRID, CRO NGI and other GRID projects RBI become part of the national and European GRID networks with enormous computing power and data storage capacity. RBI staff have also gained experience in using this technology in distributed computing and scientific visualization applications. RBI was also a partner in the DARIAH preparatory phase project. During this project RBI participated in the creation of the plan for establishing a European network of research institutions in order to create a digital research infrastructure for the Arts and Humanities. During the CENVIS project, RBI obtained 3D visualization equipment (such as 3D scanner, 3D printer, 3D monitors and 3D projectors) and established the CENVIS laboratory with the main activities in processing, analysing and visualization of 3D data. RBI employs highly educated personnel including experts in 3D data processing, analysis and visualization. RBI expressed interest in participating and contributing to DARIAH in VCC1 and VCC3.

# Faculty of Philosophy, University of Zagreb (FFZG)

The Faculty of Philosophy is the oldest faculty of the University of Zagreb. At the Faculty of Humanities and Social Sciences students are provided with opportunities to explore various fields of Humanities such as history, archaeology, philosophy, ethnology, anthropology, history of art, languages literatures and linguistics, as well as social sciences such as psychology, sociology, information sciences and pedagogy. FFZG is a partner in CLARIN project, and was also involved in the project during its preparatory phase. FFZG expressed interest in participating and contributing to DARIAH in VCC2 and VCC3.

# National and University library of Zagreb (NSK)

The National and University Library in Zagreb is a public institution of national importance, engaged in library and information activity as the national library of the Republic of Croatia and the central library of the University of Zagreb. The National and University Library collects and preserves the written and printed cultural heritage of Croatia by relying primarily on the compulsory copy used for preparing the Croatian bibliography. The Library pursues its role as the national library of the Croats by acquiring library material authored by Croats (regardless of the place of publication or of its language), material written in Croatian (regardless of its place of publication/printing and nationality of the author), and foreign literature on Croatia and the Croats. The National and University Library in Zagreb is enrolled in Croatian Digitisation Programme as the one of the holders of the project "Croatian Cultural Heritage". NSK expressed interest in participating and contributing to DARIAH in VCC3.

#### **Croatian State Archives (HDA)**

The Croatian State Archives is the central archival institution in Croatia and perform archival services relating to archival and current records created by state bodies, state and public institutions and enterprises, and by corporate bodies, families and individuals whose activity



covers the whole or a greater part of the Croatian territory, or are of State interest. In order to make the memories of the Croatian nation available to the public as much as possible, Croatian State Archives provide access to its documents under equal conditions for all researchers.

The Croatian State Archives is enrolled in Croatian Digitisation Programme as the one of the holders of the project "Croatian Cultural Heritage". HDA expressed interest in participating and contributing to DARIAH in VCC2.

# Museum Documentation Center (MDC)

The Museum Documentation Centre is a public institution founded in 1955 as a documentation, information and communication hub of the Croatian museum network. Through its basic, documentation, information, consulting, museological, research, educational, publishing, library and exhibition activities, the Museum Documentation Centre participates in the development of the Croatian and international museum community. The Museum Documentation Centre is enrolled in Croatian Digitalization Programme as the one of the holders of the project "Croatian Cultural Heritage". MDC expressed interest in participating and contributing to DARIAH. The field of contribution could be in VCC1.

# **Croatian Academy of Sciences and Arts (HAZU)**

HAZU is the national academy of Croatia. The main tasks of the Academy have been defined as follows: 1) The Academy promotes and organizes scientific research and encourages the application of the findings of this research, develops artistic and cultural activities, and is concerned with Croatian cultural heritage and its affirmation throughout the world; 2) It publishes the results of scientific research and artistic creation; 3) It makes proposals and gives its opinion on the promotion of sciences and arts in the fields which are of special importance to the Republic of Croatia. HAZU expressed interest in participating and contributing to DARIAH, the field of contribution could be in VCC3 or VCC4.

#### **Croatian Conservation Institute (HRZ)**

The Croatian Conservation Institute was founded in 1997 by the Decree of the Government of the Republic of Croatia on a Merger of Public Institutions in the Field of Conservation and Restoration owned by the Republic of Croatia: the Institute for Restoration of Works of Art (founded in 1948) and the Conservation Institute of Croatia (founded in 1966). The main activity of the Croatian Conservation Institute is conservation and restoration of immovable cultural goods (architectural heritage, wall paintings and mosaics, stone sculptures and stucco), movable cultural goods (easel paintings, wooden polychrome sculptures, furniture, art on paper, artworks of leather, and items of textile or metal), archaeological heritage, and other objects of cultural, historical or technical significance. HRZ expressed interest in participating and contributing to DARIAH, the field of contribution could be in VCC2.

#### The Institute of Croatian Language and Linguistics (ICLL)

ICLL is an official institute in Croatia whose purpose is to preserve and foster the Croatian language. ICLL was founded in 1948 under the auspices of the Croatian Academy of Sciences and Arts. In more than sixty years of its existence, the Institute has repeatedly changed its name and structure, but it has never renounced its basic tasks - care of the Croatian language and the preservation of the Croatian linguistic identity. The Institute has fostered the Croatian linguistic culture, encourage the creative development of linguistic theory, systematically studied Croatian dialectal and onomastic heritage and collected the fundamental works of Croatian lexicography and linguistics. ICLL expressed interest in participating and contributing to DARIAH, the field of contribution could be in VCC3.



#### **BICRO**

BICRO is a Business - Innovation Agency of the Republic of Croatia. Its vision is to position itself as a national coordinating body to support technology development and innovation policy as a key step of the national innovation system to achieve national social and economic benefits through technology development. The main mission is to support technological innovation in the economy and scientific institutions, to encourage Croatian economic growth and to strengthen national competitiveness and social values. BICRO expressed interest in participating and contributing to DARIAH, the field of contribution could be in VCC3 or VCC4.

# Multimedia Competence Centres (MC<sup>2</sup>)

Ruđer Bošković Institute and the Faculty of Philosophy, University of Zagreb, prepared and sent a project proposal for establishing eScience and Multimedia Competence Centres (MC²). MC² is national infrastructure for preservation and sharing digital content for scientific research, encouraging collaboration and state-of-the-art digital research methods. This is the ESFRI & ERIC supported national infrastructure and represents the national point in DARIAH EU and CLARIN ERIC networks. The main MC²'s objective is to empower Croatian national scientific research and modernize education, the use of open access to a large amount of intelligent and semantically expanded digital content, advanced digital research methods and other resources provided by this national infrastructure which is connected to the large pan-European infrastructure. Through this synergy at pan-European level, Croatia will also contribute to the ERA (European Research Area).





#### 2.3. Denmark



Representing Entity Ministry of Science, Innovation and Higher Education

National Representative Peter Uffe Meier

National Coordinator Marianne Huang (acting)

Partner Institutions

• Aalborg University

Aarhus University

• <u>University of Copenhagen</u>

• University of Southern Denmark

• The Royal Library

The State Library

DARIAH-DK website <a href="http://dighumlab.dk/">http://dighumlab.dk/</a>

# **Country profile**

• National priorities for digital arts and humanities

"Humanities and social science researchers will to an increasing extent need robust, generally available and internationally geared research infrastructures based on modern information technology. The development of these new tools will significantly advance studies and interpretations of human experience, actions and decisions and thus lay the foundation for an enlightened civil society, competitive business and industry and an efficient public sector."

(Danish Roadmap for Research Infrastructures 2011, <a href="http://fivu.dk/en/publications/2011/files-2011/danish-roadmap-for-research-infrastructure-2011.pdf">http://fivu.dk/en/publications/2011/files-2011/danish-roadmap-for-research-infrastructure-2011.pdf</a>)

DARIAH nationally: The Digital Humanities Lab DK (DIGHUMLAB DK) is a prioritized digital research infrastructure project in the Danish road map for research infrastructures (2011).
 DIGHUMLAB DK is built on partnerships and formed as a consortium, funded (2012-2017) by the Ministry for Science, Innovation and Higher Education.

"The vision for DIGHUMLAB is to rejuvenate fields of research within the humanities and social sciences through

- broad access to digital sources and research data
- development of software-supported analysis methods
- collaborative forms of work and new research concepts
- internationalisation of classic specialist research skills and emerging interdisciplinary fields of research.

DIGHUMLAB will enhance and facilitate Digital Humanities in Danish research, thereby



contributing to greater interdisciplinary cooperation, widespread knowledge transfer and global orientation and increased internationalisation of both research and education.

DIGHUMLAB's mission is to contribute to skills development, internationalisation and innovation through a national focus on Digital Humanities in research, education and knowledge transfer. DIGHUMLAB is therefore based on networks and cooperation.

Through binding cooperation agreements with international infrastructures, such as the two ESFRI infrastructures, DARIAH and CLARIN, and TELEARC and IIPC, DIGHUMLAB will ensure interaction with international research environments and the exchange of best practices within the relevant research fields. International infrastructures provide access to archives, tools and development programs, with the aim of raising the quality of the research and giving research the opportunity to raise new questions and new perspectives on existing research.

DIGHUMLAB will develop laboratory facilities to support experimental humanities and social sciences research with associated development of database facilities and metadata structures.

DIGHUMLAB will provide an integrated and useful webportal linking Danish researchers with digital assets, and tools, methods, debates and opportunities in the Digital Humanities.

DIGHUMLAB will both influence and benefit from European and international collaboration in the development of appropriate and relevant Digital Humanities standards, methods, tools and services; and in the adoption and adaptation of digital humanities resources to best enable Danish research in the Digital Humanities."

(DIGHUMLAB DK: Vision, Mission, and Goals. <a href="http://dighumlab.dk">http://dighumlab.dk</a>)

Partners in DIGHUMLAB DK are research and higher education institutions and archival institutions, for now the consortium consists of four Danish universities, with 3 designated thematic projects, and the two Danish national research libraries. However, the consortium is open for new partner institutions to join.

Expert areas of DIGHUMLAB DK are language-based materials and tools (CLARIN DK, <a href="http://dighumlab.dk/research-themes/language-based-materials-and-tools/">http://dighumlab.dk/research-themes/language-based-materials-and-tools/</a>), Media tools (for Internet, and for sound and image media <a href="http://dighumlab.dk/research-themes/media-tools/">http://dighumlab.dk/research-themes/media-tools/</a>), and tools for Interaction and Design Studies (<a href="http://dighumlab.dk/research-themes/interaction-and-design-studies/">http://dighumlab.dk/research-themes/interaction-and-design-studies/</a>).

All expert areas for digital humanities infrastructures in DIGHUMLAB DK are user and research driven, expertise in materials, methods and tools are developed in collaboration with research communities and national or international research projects and programmes.

#### Participation in DARIAH-EU:

 DIGHUMLAB DK contributes to DARIAH EU with co leadership of Virtual Competency Centre for Education and Training (DARIAH VCC2) by Project manager of DIGHUMLAB or another national representative, and contributes to subtasks



within this VCC.

- DIGHUMLAB DK hosts expert seminars and educational workshops and other DARIAH EU events and meetings, thus connecting national digital humanities communities with the DARIAH EU community.
- DIGHUMLAB DK will contribute to DARIAH EU with summer schools and shared PhD courses within expert areas such as media tools, creative archives tools and practices, and cultural heritage tools, and will work from proposed new DIGHUMLAB themes of expertise in digital heritage or digital literature.
- In collaboration with national and international research and teaching networks for digital humanities DIGHUMLAB DK will enhance new teaching and training formats and practices within the humanities, and thus to contribute to knowledge networks and sharing within DARIAH EU.
- DIGHUMLAB DK will form a hub for Scandinavian participation in DARIAH EU activities and connect Scandinavian digital humanities centers, projects and communities with the DARIAH EU community.
- DIGHUMLAB DK wants to partake in the DARIAH EU Virtual Competency Centre for Advocacy, particularly taking the digital humanities into European strategies for higher education through excellent university partnerships.



2.4. France



Representing Entity Centre National de la Recherche Scientifique

National Representative Marc Renneville

National Coordinating Institution <u>Huma-Num (Centre National de la Recherche Scientifique,</u>

<u>University of Aix-Marseille, Campus Condorcet</u>)

National Coordinator Sophie David

Partner Institutions

• Agence bibliographique de l'enseignement supérieur

(ABES)

• Centre pour l'édition électronique ouverte

(OpenEdition)

• Centre pour la Communication Scientifique Directe

(CCSD)

Analyse et Traitement Informatique de la Langue

Française (ATILF)

Laboratoire Parole et Langage (LPL)

• Consortium Archives des Ethnologues

DARIAH-FR website http://www.huma-num.fr/international/dariah

A specific website is under development

# **Country profile**

• National priorities for digital arts and humanities

Digitisation; building large digital corpora; developing interoperability; unified access to publications, events, blogs, etc.; provision of a service grid (hosting, dissemination, processing); open archive; digital publishing; long term preservation; participation in European (ESFRI) projects (including DARIAH).

In this framework, the digital centre Huma-Num (Humanités numériques/Digital Humanities), which depends on the CNRS, the University of Aix-Marseille and the Campus Condorcet, has a special place: it is the National Coordinating Institution for DARIAH. It is also part of the national strategy dedicated to research infrastructures in the Social and Human Sciences.

It aims to facilitate the digital turn in the humanities and social sciences. On the national level, it organizes a collective dialogue and provides a technological infrastructure for expertise, services and tools for research data. It also has a major role in promoting the sharing of expertise amongst laboratories, in encouraging the definition and adoption of best practices, and in co-ordinating the provision of relevant technical services.

The main activities of Huma-Num are:



- Accreditation of consortia: the consortia are made up of research teams who are involved in building up digital corpora. They support the provision of best practices for digitization, data enhancement and data sharing.
- Provision of a grid: Huma-Num provides research teams with a set of shared services and a range of utilities in the form of a service grid to process, disseminate and archive scientific data, including over the long term. Encouraging interoperability is one of its main objectives.
- ➤ Development and deployment of the Isidore platform: Isidore enables the referencing, access, enrichment and valuation of a large number of archives, data bases, events and scientific articles. It is based on Linked Data technology.
- Coordination of the French participation in DARIAH (Digital Research Infrastructure for the Arts and Humanities).
- **DARIAH nationally:** What kinds of organisations are involved? (e.g. universities, research institutes, academies of science, data archives, computer centres, libraries, museums, archives etc.) How are they organised? What are their core activities / expertise areas?

At the present time, the following kinds of organisations are involved: research centres, digital centres or research consortia, which depends on the CNRS and Universities; institutions which depends on the French Ministry of Higher Education.

Their core DH activities are the following: building large digital corpora; TEI; building vocabularies; developing interoperability; unified access; provision of a service grid; Linked Data; open archive; digital publishing; long term preservation; legal and ethical issues Other research centres, other research consortia, and other organisations from the Ministry of Culture and Communication could be involved in the coming months.

Participation in DARIAH-EU: What would your country like to contribute to DARIAH? (e.g. expertise, tools, services etc.) How would you like your country to participate in DARIAH-EU? (e.g. which VCCs would you like to be involved in?) What benefits do you expect to gain from your participation in DARIAH-EU?

France contributes to DARIAH on various levels: giving access to various platforms in different disciplines, sharing expertise on Linked Data, open archive and long term preservation, developing the interoperability between repositories, providing services (hosting services, software, storage), offering platforms for digital journals, blogs and events, providing vocabularies of different kinds.

France also takes part in the coordination of DARIAH, hosting the legal seat of the ERIC and co-leading the organisation with Germany and The Netherlands.

The VCCs in which France is involved are VCC1, VCC2, VCC3 and VCC4. France is jointly responsible for VCC3 with The Netherlands and also has other responsibilities as co-task leaders in VCC1 and VCC2.

For each VCC, a French contact person has been appointed: he/she is the liaison person for the French centres or institutions which want to participate. All the contact persons are members of the DARIAH Coordination Committee of Huma-Num.

The main benefits that France expects are the following: giving more visibility to research projects; guaranteeing the sustainability of tools and platforms; sharing expertise; developing future European collaborations.



# 2.5. Germany



Representing Entity Federal Ministry of Education and Research

National Representative Angelika Willms-Herget

National Coordinating Institution Göttingen State and University Library

National Coordinator Heike Neuroth

Partner Institutions (phase 1 and 2)

- Berlin-Brandenburg Academy of Sciences and Humanities
- DAASI International
- German Archaeological Institute
- Technische Universität Darmstadt Interdisziplinäre Arbeitsgruppe Digital Humanities (Germanistische Computerphilologie / Philosophie / Ubiquitous Knowledge Processing)
- Digital Humanities im deutschsprachigen Raum e.V. / Universität Hamburg
- Musicology Seminar Detmold/Paderborn
- Göttingen Centre for Digital Humanities
- Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen (GWDG)
- <u>Universität Köln Historisch-Kulturwissenschaftliche</u> <u>Informationsverarbeitung</u>
- Leibniz-Institut für Europäische Geschichte Mainz
- Forschungszentrum Jülich GmbH Jülich Supercomputing Centre
- Karlsruher Institut für Technologie
- Universität Leipzig
- Otto-Friedrich-Universität Bamberg Fakultät für Wirtschaftsinformatik und Angewandte Informatik – Lehrstuhl für Medieninformatik
- Max-Planck-Gesellschaft Max Planck Digital Library
- Max-Planck-Institut für Wissenschaftsgeschichte
- Max-Planck-Gesellschaft Rechenzentrum Garching
- Salomon Ludwig Steinheim-Institut für deutschjüdische Geschichte an der Universität Duisburg-Essen
- <u>Julius-Maximilians-Universität Würzburg Institut für</u> deutsche Philologie – Lehrstuhl für Computerphilologie und Neuere Deutsche



# Literaturgeschichte

**DARIAH-DE** website

https://de.dariah.eu/

**Country profile** 

# a) National priorities for digital arts and humanities

The German Federal Ministry of Education and Research (BMBF) has supported digital arts and humanities from an early stage. In 2006, for example, the BMBF began to sponsor the development of TextGrid, one of the first Virtual Research Environments for the Arts and Humanities in Germany. DARIAH-DE itself has received funding since 2011 for the development of a research infrastructure for the Arts and Humanities.

Within its framework programme "Freiraum für die Geisteswissenschaften" ("Scope/Space for the Humanities") from 2007 till 2012, the BMBF launched a call in 2011 for eHumanities projects. Of the twenty-four projects which received funding, three cooperate with DARIAH-DE and another three work together with DARIAH-DE and TextGrid.

With its current Framework Programme for the Humanities, Cultural Sciences and Social Sciences (2013-2017 and 2014-2018), the BMBF continues its strategy of support. The latest call in 2013 focused on junior research groups and digital humanities centres. DARIAH-DE supported seven projects with a letter of intent. The BMBF will repeat this call in 2014, thus pursuing its established tradition of sponsorship and support for DH activities.

#### b) DARIAH nationally

DARIAH-DE supports digitally-enabled research and teaching in the arts and humanities. For this purpose, the project is developing a research infrastructure in support of services and research data as well as materials for research and teaching in the Digital Humanities (DH). DARIAH-DE focuses on the integration of and networking with DH research projects and initiatives worldwide, for example via the <a href="mailto:dhd-blog.org">dhd-blog.org</a>, a blog on DH topics in Germany, Austria and Switzerland. Accordingly, one of the key activities of DARIAH-DE is community building and outreach, based on the four components of the DARIAH-DE research infrastructure:

#### 1. Teaching

- Seminars and workshops geared towards researchers at all levels to establish the
  use and methods of Digital Humanities in academic disciplines (i.e. workshops on
  methods, colloquia for experts, workshops for academics and summer schools)
- Coordination of national and international curricular developments in the field of DH

#### 2. Research

- Research on and development of DH methods and practices
- Development of and access to academic services (e.g. DIGIVOY, a tool for text analysis; the Geo-Browser, which enables spatial and temporal visualisation; or the MEI Score Editor for the annotation of musical scores; associated projects include Monasterium, Person Data Repository, Virtuelles Skriptorium, ...)



#### 3. Research data

• Diverse options for dealing with research data / data management (e.g. assembling and describing research data collections in a Collection and Schema Registry; licensing and legal aspects; recommendation and development of standards; best practices in dealing with metadata and research data; ontologies; ...)

# 4. Technical infrastructure

Infrastructure and software components, tools and services for DH research
projects, researchers and developers (e.g. collaborative working environments as
Wiki, Etherpad and Developer-Portal; virtual machines; PID service; monitoring; AAI;
...)

The DARIAH-DE portal serves as access point to this research infrastructure landscape and offers research data, academic and technical services as well as informational material and academic publications on research and teaching in the DH.

It has a modular structure, which allows for the integration and use of different applications from the DH community such as the DARIAH-DE bibliography *Doing Digital Humanities*.

DARIAH-DE consists of a national consortium with partners from the fields of information technology as well as the arts and humanities. The consortium comprises eight universities; five discipline-specific institutions, including members of the Max Planck Society and Leibniz Association; four computer centres, including a supercomputing centre; two libraries; one academy of sciences and humanities as well as one commercial partner. Every partner has a seat (and vote) in the DARIAH-DE steering group. Additional communities are involved in the development of DARIAH-DE via stakeholder groups, such as the newly founded Digital Humanities Association Germany, as well as members from archives, libraries and museums, which focus on collections of research data. DARIAH-DE will continually strive to involve more disciplines and put DARIAH on a broader basis in the coming years.

## c) Participation in DARIAH-EU

DARIAH-DE is already playing an active role in DARIAH-EU as DARIAH-DE is chair of VCC4 and co-chair of VCC1. Furthermore, DARIAH-DE is responsible for the coordination of Task 4 Community Engagement and Task 5 Virtual Research Environments in VCC2. We are deeply interested in staying involved in the activities of all VCCs in the future and hope to contribute as much of its expertise, tools and services as would best serve the needs of DARIAH-EU.

DARIAH-DE's vision is that since Digital Humanities do not stop at national borders, DH activities must continue to be community driven and to be based on cooperation across Europe for the benefit of all.



2.6.Greece



Representing Entity General Secretariat for Research and Technology, Ministry of

Education, Life Long Learning and Religious Affairs, (GSRT)

National Representative Afroditi Patroni

National Coordinating Institution Academy of Athens

National Coordinator Helen Katsiadakis

• <u>Digital Curation Unit, Institute for the Management of Information Systems, Athena Research Centre</u>

- National and Kapodistrian University of Athens
- Foundation for Research and Technology Hellas
- Athens School of Fine Arts
- Institute of Communication and Computer Systems National Technical University of Athens

DARIAH-GR website <a href="http://www.dyas-net.gr/index.php/en.html">http://www.dyas-net.gr/index.php/en.html</a>

**Country profile** 

**Partner Institutions** 

# National priorities for digital arts and humanities

The priority of the General Secretariat for Research and Technology is to create and support domains of excellence in the Greek research area in all scientific fields, including the arts and humanities. Creating National Research Infrastructures with a European relevance is one of its key policies. To this effect, the General Secretariat for Research and Technology is currently preparing a national strategy and a roadmap of Large Scale Research Infrastructures. The objective is to upgrade existing infrastructures and to establish new ones, where necessary, aiming to promote innovation, scientific excellence and international cooperation and to encourage the creation of jobs for highly skilled personnel. In response to a recent call launched in order to assess the needs of the scientific community for RIs, 13 proposals related to the field of Social Sciences and Humanities were submitted and will be evaluated for funding.

#### **DARIAH nationally**

DARIAH-GR is a network currently involving six organisations: One academy of science (the Academy of Athens), three research institutes (Athena RC, ICCS and FORTH) and two universities (University of Athens and Athens School of Fine Arts). The Academy of Athens, the co-ordinator of the network, has 14 research institutes, eleven of which have a long history of research in the humanities (anthropology, history, archaeology, literature, linguistics, philosophy, etc.). The University of Athens participates through its Department of History and Archaeology, which has a long history of excellence in research and teaching in the humanities. The core activity of the Department of Theory and History of Art of the Athens School of Fine Arts is to conduct research and teaching of History and Theory of Art.



The mission of the Digital Curation Unit of Athena RC is to conduct research, develop technologies and applications, provide services and training, and act as a national focus point in the field of digital curation. The Institute of Communications and Computer Systems (ICCS) of the National Technical University of Athens participates in numerous cultural heritage preservation projects through its Image, Video and Multimedia Systems Lab. The Centre for Cultural Informatics of the Foundation for Research and Technology- Hellas pursues a comprehensive, cross-disciplinary approach to supporting the entire lifecycle of cultural information and documentation procedures for the benefit of study, preservation and promotion of cultural heritage. Special focus is laid on semantic interoperability, information integration and integrated access.

# Participation in DARIAH-EU

DARIAH-GR proposes to participate in the VCCs with the following activities as its planned in-kind contribution:

COLLUID	contribution:				
vcc	Activity	Contributing institutions			
1	Infrastructure for user registry	ARC			
1	Infrastructure for resource registry (esp. site monuments)	ARC			
1	Data federation and interoperability	FORTH			
1	A+H research environment demonstration	ARC			
1	Collections management system for small users	FORTH			
1	Vocabulary management system for small users	FORTH			
1	Provenance tools	ARC, FORTH			
2	Analysis of research practices and information behaviour	ARC			
2	Community engagement	АА			
2	Virtual research environment	AA, ARC			
3	Registry of Greek data sources, organizations and researchers/ users Areas: anthropology, ethnology, archaeology, classical studies, history, history and philosophy of science, literature, linguistics, philosophy, drama, music and musicology, byzantine studies, religion, art and art history	AA, UoA, SFA			
3	Metadata registry Areas: as above	AA, UoA, SFA			



3	Registry of ontologies and authorities	ARC
3	Best practices: guidelines and training	AA, ARC, FORTH
3	Guidelines for repository development, management and preservation	ARC
3	Curation	ARC
3	Standardisation of information structures	FORTH
4	Assessing the impact of DARIAH	ARC
4	Outreach to wide groups of stakeholders	АА
4	Ensuring participation in DARIAH	AA



2.7. Ireland



Representing Entity <u>Irish Research Council</u>

National Representative Eucharia Meehan

National Coordinator Susan Schreibman

Partner Institutions

- Collaborative European Digital Archive Infrastructure (CENDARI)
- Cultivating Understanding and Research through Adaptivity (CULTURA)
- <u>Dublin Institute of Technology, Decipher Project</u>
- National University of Ireland, The Digital Enterprise Research Institute (DERI)
- <u>Digital Curator Vocational Education Europe</u> (<u>DigCurV</u>)
- Royal Irish Academy, Digital Repository of Ireland (DRI)
- <u>Discovery Programme</u>

# **Country profile**

#### **National priorities**

The Irish Research Council and the Higher Education Authority in Ireland has been a strong supporter of digital humanities in Ireland. It has funded, through its Programme for Research in Third Level Institutions (PRTLI), Humanities Serving Irish Society (the parent body of The Digital Humanities Observatory) via PRTLI 4, and in PRTLI 5, funded The Digital Repository of Ireland and the joint PhD Programme Digital Arts and Humanities (DAH).

Several of Ireland's national priorities revolve around these major funding initiatives, including the current construction phase of the national digital repository that will serve not only the higher education sector, but that of cultural heritage. Another priority is in the area of education and training. In addition to the DAH, Ireland has three taught Masters in Digital Humanities. There is also significant expertise in digital humanities training, including summer schools. Another priority area involves building on the already strong connections between arts, humanities, cultural heritage and computer science, between institutions and disciplines throughout Ireland.

#### **DARIAH** nationally

DARIAH-IE has a membership comprising Research Institutions, Research Bodies, and Research Academies. DARIAH-IE is comprised of EU-funded projects including CENDARI, Cultura, Decipher and DigCurV; DERI is a research institution within NUI Galway, the Digital Repository of Ireland is a PRTLI 5 funded project working within the Royal Irish Academy, and the Discovery Programme is an autonomous institution, funded through a core grant from the Heritage Council.



# 1) Teaching

- Three taught Masters Degrees in Digital Humanities at National University of Ireland, Maynooth; Trinity College Dublin; and University College Cork. These are one-year taught Masters Programmes.
- An all-island joint PhD programme in Digital Arts and Humanities. Participating institutions
  in the Republic of Ireland are the National University of Ireland, Galway; the National
  University of Ireland Maynooth; Trinity College Dublin; and University College Cork.
  Partners from the North of Ireland are Queens University Belfast and University of Ulster.
- Seminars, workshops and summer schools geared particularly towards early stage researchers, in addition to conferences, colloquia, and guest lectures.

# 2) Research

- Research on DH tools and methods, theory and practice
- Research into best practice in building a national repository for digital data (legacy and born digital) for humanities and social sciences (DRI)
- Research projects, particularly EU-funded projects which
  - deliver innovative adaptive services and an interactive user environment which dynamically tailors the investigation, comprehension and enrichment of digital humanities artefacts and collections (CULTURA)
  - creating a research infrastructure for scholars that is easy to use and essential to research goals. Pilot areas in World War I research data as well as Mediaeval European Culture (CENDARI)
  - supports the discovery and exploration of cultural heritage through story and narrative by developing new solutions to narrative construction, knowledge visualisation and display problems for museums (DECIPHER)
  - investigating and developing a Digital Curation Curriculum Framework for use by practitioners, managers and executives within cultural heritage institutions (DigCurV)
  - o ARIADNE (EU FP7 INFRA20121.1.3), LoCloud (EU CIP Framework Programme 2007 2013), 3D-ICONS (EU CIP Framework Programme 2007 2013) and ArcLand (EU Culture 2007 2013) (Discovery Programme)
- Research Institutes that bring computational tools to humanities research questions:
  - DERI is a Centre for Science Engineering and Technology (CSET), and is an internationally recognised institute in semantic web research, education and technology transfer at NUI Galway
  - The Discovery Programme, a public institution set up to pursue advanced research in Irish Archaeology, and is funded through a core grant from the Heritage Council.



The partners have a representative who sits on the Steering Committee for DARIAH-IE:

CENDARI: Dr. Jennifer Edmond Cultura: Prof. Owen Conlan Decipher: Dr. Eoin Kilfeather DERI: Prof. Stefan Decker

DigCurV: Prof. Susan Schreibman

DRI: Dr. Sandra Collins

Discovery Programme: Anthony Corns

# Participation in DARIAH-EU:

Ireland is the Co-Chair of VCC2 with Denmark. Prof. Susan Schreibman acts on Ireland's behalf as the Co-Chair. Ireland is also represented by Dr. Sandra Collins of DRI in VCC3, by Prof. Stefan Decker of DERI in VCC1, and by Prof. Jane Ohlmeyer of Trinity College Dublin in VCC4.

Participation in DARIAH for Ireland means our researchers in the Arts, Humanities and Social Sciences will have increased access to a range of tools, resources and expertise across the EU. Participation in DARIAH also means Irish researchers can showcase their research to a wider audience, opening up opportunities for networking, building skills and collaboration.

Through various activities, DARIAH-IE has made significant contributions to DARIAH.

Ireland is the co-ordinating country for CENDARI, a DARIAH-affiliated research infrastructure. DARIAH-IE partners have also contributed to DARIAH activities through National Symposia, such as the DRI hosted Symposium in October 2012 entitled 'Realising the Opportunities of Digital Humanities', which was attended by participants from across the EU; and a workshop entitled "New Methods/New Perspectives on Humanities Scholarship: A NeDiMAH/DARIAH Workshop" for digital researchers in November 2012 for researchers in digital humanities, which was co-organised by TCD with NeDiMAH. In May 2013, DARIAH-IE was involved in presenting a two-hour portion of the recent Around the World Symposium, organised by KIAS at the University of Alberta, Canada. The symposium was co-billed as a DARIAH event within Ireland, and the hashtag '#DARIAH' was used in tweets about the event.



2.8.Italy



Representing Entity <u>Ministry of Cultural Heritage and Activities (MiBAC)</u>

National Representative Riccardo Pozzo

National Coordinating Institution National Research Council of Italy (CNR)

National Coordinator Luca Pezzati

**Partner Institutions** 

- The Central Institute for the Union Catalogue of Italian Libraries and Bibliographic Information of MiBAC
- Department of Social Sciences and Humanities-Cultural Heritage of CNR
- Institute of Archaelogical Heritage Monuments and Sites of CNR
- Institute for Technologies Applied to Cultural Heritage of CNR
- Institute of information science and technology "Alessandro Faedo" of CNR
- Polo universitario città di Prato (PIN Scrl)

**DARIAH-IT website** Currently under construction

#### Country profile

• National priorities for digital arts and humanities:

The digital revolution aims to exploit the potential of technology to transform research in cultural heritage and to ensure that research on digital cultural heritage is at the forefront of tackling crucial issues such as intellectual property, cultural memory and identity, and communication and creativity. Digital innovation, the web revolution, the potential for an infinite archive and associated changes to the way both people and organizations interact are opening up new opportunities and challenges for research on cultural heritage and his preservation. There is huge potential to develop, new ways of working to enhance access and creativity; but the digital age also raises complex questions of research on digital cultural heritage like responsibility, identity, privacy, data preservation and data security that need to be addressed.

The national priority is launching the new Data Humanities paradigm as a part of Data Science, which considers multimedia publishing and digital rights management as emerging key enabling technologies. On the basis of a vision of Italy as a nation-wide digital library and museum, innovative strategies for digital rights management are the precondition for a new generation of cultural heritage users, which shall visit objects and sites accompanied



by portable interface devices. Georeferencing shall enhance the context-I-am-in approach. Research in NFC (near field communication) shall become pivotal for the social and cultural development of a territory and for tourism.

Today, the road towards reaffirming European cultural identities involves a diffused awareness of commonalities, which can be looked into by means of documental and archival sources to be retrieved on the basis of a digital media. A provisional list of the main themes for DARIAH-IT includes: 3D datasets and GISs in arts; preservation and use of digital scientific datasets of CH objects; best practices for digitisation of CH artefacts; development of tools to assist CH restoration by means of multimedia documentation; interactive and Virtual Reality technologies for the visual presentation of CH artwork, contributing to museum installations and dissemination; remote sensing digital image analysis; geoarchaeological and archaeogeophysical analysis for digital reconstruction of landscape and stratigraphy; architectural stratigraphy and digital restitution of building; digital datasets for material culture and archaeometry; and finally guiding, producing, adapting and disseminating standards and rules for cataloguing and digitisation of the library heritage for all types of materials.

#### DARIAH nationally:

Italian participation in DARIAH is very recent then structures and governances are in a developing phase. The final involvement of Italy will be that of a large national infrastructure with possibly very large assets and lot of digital services.

DARIAH-IT is now managed by a National Steering Committee with representatives of several national research and academic organisations. The backbone of DARIAH-IT is currently a structure joining the large CNR public research infrastructure for digital humanities with the larger MIBAC network of museums, restoration laboratories and *Soprintendenze* (Italian CH local governing bodies). The inclusion of more organizations from universities and other academic bodies is an extension planned for the near future.

One of the Italian specificity is the high level of interconnection and synergy among research institutions and CH governing bodies (*Soprintendenze*, museums, restoration labs). In this environment it will be easy to exploit the potential of having large repositories of CH data with the aid offered by top-level research teams.

Moreover, Italy has a leading expertise in the design and support of digitization processes (3D/2D), data management systems and digital libraries, and digital tools for Virtual Museums, in strategic fields like archaeology, architecture and art history.

# • Participation in DARIAH-EU:

Today, the road towards reaffirming European cultural identities involves a diffused awareness of commonalities, which can be looked into by means of documental and archival sources to be retrieved on the basis of a digital media. The idea is to enable citizens to start their own search within a cross-medial offer constituted by digitized paper documents, iconological sources, filmic, musical material and more. The aim is to support the further integration of the citizens across the EU Member States. Sharing the perception a change of perspective is needed: European stakeholders are not supposed to simply test ICT and engineering products that are related to societal issues. They are instead supposed



to formulate questions that are vital for societal issues.

DARIAH-ERIC is a resource for improving the Italian vision, experience and know-how, and sharing and enhancing different expertise for investigating, exploring and supporting work across the spectrum of the digital humanities and cultural heritage.

Italy will contributes to DARIAH-ERIC by means of a network of research laboratories with longstanding experiences in the study/conservation/restoration of texts/artworks and in the design of digital tools/infrastructures for digitization and management of CH assets. This expertise has been growing in the framework of the projects that see (or saw) the involvement of Italian partners, like:

- ARIADNE (<a href="http://www.ariadne-infrastructure.eu/">http://www.ariadne-infrastructure.eu/</a>);
- CENDARI (www.cendari.eu);
- Europeana Cloud (<a href="http://pro.europeana.eu/web/europeana-cloud">http://pro.europeana.eu/web/europeana-cloud</a>);
- INDICATE (<a href="http://www.indicate-project.eu">http://www.indicate-project.eu</a>);
- Science and Technology Digital Library Project (<a href="http://stdl.cnr.it/">http://stdl.cnr.it/</a>);
- DCH-RP (<u>http://www.dch-rp.eu</u>);
- ATHENA (http://www.athenaeurope.org);
- LINKED HERITAGE (http://www.linkedheritage.eu);
- ATHENA PLUS (<a href="http://www.athenaplus.eu">http://www.athenaplus.eu</a>);
- V-MUST (<u>http://www.v-must.net</u>);
- 3D-ICONS (http://3dicons-project.eu);
- National Library Service (<a href="http://www.sbn.it/opacsbn/opac/iccu/free en.jsp">http://www.sbn.it/opacsbn/opac/iccu/free en.jsp</a>);
- Internet Culturale (<a href="http://www.internetculturale.it">http://www.internetculturale.it</a>);
- Culturaltalia (<a href="http://www.culturaitalia.it/">http://www.culturaitalia.it/</a>).

Another important aspect of the Italian participation to DARIAH-ERIC will be the possibility of a direct interaction and of joint research actions of DARIAH-IT with the "hardware" infrastructure for conservation and restoration, which is now a project carried on by the partners of the I3 CHARISMA (www.charismaproject.eu) to establish an ERIC in H2020, as indicated in the new proposal IPERION-CH (Integrated Project for the European Infrastructure ON Cultural Heritage). To be noted that IPERION-CH Italy is indeed already a project, approved and funded by the Ministry of Research and coordinated by the CNR, and that parallel initiatives are starting at national level in several member states, where more national relationships with DARIAH will be established and exploited.

Italy is interested in participating to all current DARIAH VCCs. One specific interest of the Italian partners is in the technologies and methodologies of Virtual Museums (a domain where Italy is coordinating the EC NoE initiative V-MUST).



# 2.9.Luxembourg



Representing Entity <u>Ministry for Higher Education and Research</u>

National Representative Robert Kerger

National Coordinator Marianne Backes

Partner Institutions 
• University of Luxembourg

Public Research Centre Henri Tudor

• National Library of Luxembourg

#### **DARIAH-LU** website

### **Country profile**

As one of the newest countries in DARIAH, Luxembourg is currently in the process of setting up a national consortium. A first partner meeting will take place in September / October 2013, with a national launch event planned for shortly afterwards. More detailed information about Luxembourg's participation in DARIAH will be available towards the end of 2013.



#### 2.10. Netherlands



Representing Entity Netherlands Organisation for Scientific Research (NWO)

National Representative Alice Dijkstra

National Coordinator Peter Doorn

Partner Institutions

• National Library of the Netherlands

NIOD, Institute for War, Holocaust and Genocide

**Studies** 

Meertens Institute – Royal Netherlands Academy of

**Arts and Sciences** 

• The Huygens Institute

• <u>Digital Heritage Netherlands</u>

Netherlands Institute for Sound and Vision

• The Language Archive, Max Planck Institute for

**Psycholinguistics** 

DARIAH-NL website <a href="http://www.clariah.nl/">http://www.clariah.nl/</a>



# **Country profile**

# • National priorities for digital arts and humanities

Rapid digitization of massive quantities of formerly analogue sources (text, images and audio-visuals) for research is revolutionizing the humanities. Top-quality humanities scholarship of today and tomorrow is therefore only possible with the use of sophisticated ICT tools.

Common Lab Research Infrastructure for the Arts and Humanities (CLARIAH) is the national counterpart of two European research facilities on the ESFRI Roadmap and the Dutch Roadmap 2008: CLARIN (Common Language Resources and Technology Infrastructure) and DARIAH (Digital Research Infrastructure for the Arts and Humanities).

CLARIAH aims to offer humanities scholars, from literary researchers to historians and from archaeologists to linguists, a 'Common Lab' that provides them access to large collections of digital resources and innovative user friendly processing tools, thus enabling them to carry out ground-breaking research.

#### DARIAH nationally

The CLARIAH consortium includes humanities researchers in the Netherlands, research libraries, heritage organizations, data centers and specialists in infrastructural matters, including the Netherlands eScience Center.

A wide range of public organisations and companies supports CLARIAH. It directly contributes to important policy issues in society and to the Top Sectors 'High Tech' and 'Creative Industry'. Through an outreach programme CLARIAH will involve these and other companies in the facility and create new opportunities for innovative commercial products and services.

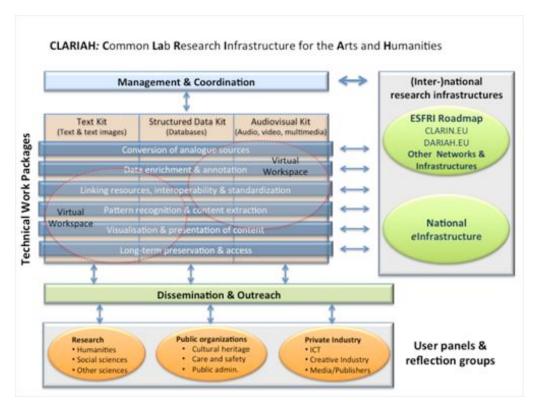
# Participation in DARIAH-EU

The contribution of CLARIAH consists of coordination activities, tools & services and expertise.

The Netherlands is co-head of VCC3 (scholarly content management), task-leader in VCC1 and VCC2 and has a role as Chief Integration Officer (CIO).

The aim of CLARIAH is to design, construct, and exploit a facility for eHumanities research. This virtual 'Common Lab' will provide a sustainable eHumanities research environment, which will provide researchers and research groups with integrated access to unprecedented collections of seamlessly interoperating digital research resources and innovative tools to process them in virtual workspaces, thus enabling Data Intensive Science in the humanities.







2.11. Serbia



Representing Entity <u>Ministry of Education, Science and Technological</u>

**Development** 

National Representative Milica Tasevska

National Coordinating Institution t.b.c.

National Coordinator Toma Tasovac

Partner Institutions

• Belgrade Center for Digital Humanities

**DARIAH-RS** website

# **Country profile**

National priorities for digital arts and humanities
 The development of models, methods and services for a common research infrastructure as well as the formulation and implementation of an educational agenda for strengthening the profile of digital arts and humanities in the Republic of Serbia.

 DARIAH nationally: What kind of organisations are involved? (e.g. universities, research institutes, academies of science, data archives, computer centres, libraries, museums, archives etc.) How are they organised? What are their core activities / expertise areas?

The Belgrade Center for Digital Humanities (BCDH) as DARIAH's partner in the Republic of Serbia serves as a research lab, project incubator and a bridge connecting various Serbian institutions interested in digital infrastructures such as the National Library, the Institute of the Serbian Language and the Institute of Ethnography of the Serbian Academy of Arts and Sciences. DARIAH activities in Serbia include the development of lexicographic platforms and services, digital research libraries and digital repositories of scholarly content.

Participation in DARIAH-EU: What would your country like to contribute to DARIAH? (e.g. expertise, tools, services etc.) How would you like your country to participate in DARIAH-EU? (e.g. which VCCs would you like to be involved in?) What benefits do you expect to gain from your participation in DARIAH-EU?

The BCDH is especially active in VCC2 where it is participating in the effort to strengthen pan-European cooperation in DH education and research. In particular, we are championing the effort to produce consortium-wide multilingual teaching and training materials that will not only be useful to various research communities but will also promote the symbolic value of scholarly and cultural diversity in DARIAH.



#### 2.12. Slovenia



Representing Entity <u>Ministry of Education, Science and Sport</u>

National Representative Albin Kralj

National Coordinator Jurij Hadalin

Partner Institutions Research Centre of Slovenian Academy of Science and Arts

DARIAH-SI website <a href="http://www.sidih.si/">http://www.sidih.si/</a>

Country profile (at least 250 words)

The Slovenian branch of DARIAH established itself around the two above mentioned partner institutions (ICH and RC SASA), which are among the leading institutions in the Arts and Humanities RI's in Slovenia. The consortium comprises expertise and already established contents from 19 research institutes from the wider AH area. Overlapping in the fields of curation of cultural heritage, the traditional division of cultural (archives, museums, libraries) and research sphere onto two ministries gave Slovenian DARIAH a more research character. The Slovenian DH community is relatively scarce and unevenly developed, which is one of the reasons for DARIAH-SI to cooperate with existing (funded or not) Slovene members of familiar pan-European initiatives such as CESSDA and CLARIN to enable a wider progress in this field. The relatively low level of penetration of DH encouraged partners to aim not only at the small group of experts but also to the "digitally not mature" audience. The freshly upgraded DARIAH-SI web portal is not only the reference point for DH scholars/enthusiasts, but also a web browser through Slovenian DH collections, which will encourage the usage of at least minimal standards for these collections and also enable a broader audience to use them in a simple/user friendly way. The bulk of accessible contents are growing with rapid advancement and the next step in the bottom-up RI building is to connect them with new tools and to enrich the content, with the main expertise lying in the latter. Digital humanities were highlighted as one of 10 priority areas in which RI has to be developed by Slovenian government in 2011 (Research Infrastructures Roadmap 2011–2020) and DARIAH has been selected as one of 14 chosen infrastructures. DH and social sciences were also presented as one of the priorities in the 2011 Resolution on Research and Innovation Strategy of Slovenia 2011-2020. Slovene contributions to DARIAH will mostly comprise expertise and upgraded tools/plugins. Slovenia is participating/observing in all VCCs, with the most expertise in the VCCs 2 and 3. The Slovenian involvement in DARIAH-EU already resulted in the boost of DH related activities on the national level, upgrading the expertise of its members and will hopefully enable us in the future access to best practises and tools, solving common problems and also enable a long-term stable budget on the national level.



# 3. Candidate Countries

Alongside the countries that wish to become Founding Members of the DARIAH ERIC, other countries including Belgium, Israel, Portugal, Lithuania, Switzerland and the UK have all expressed their interest in participating. The DARIAH-EU Board of Directors and Coordination Office continue to liaise with these countries to support them in the process of formalising their participation in DARIAH-EU.