



Horizon 2020

Cultural Heritage and

European Identities

List of projects
2014-2017

EUROPEAN COMMISSION

Directorate-General for Research and Innovation
Directorate B – Open Innovation and Open Science
Unit B.6 – Open and inclusive Societies

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CULTURAL HERITAGE AND
EUROPEAN IDENTITIES

List of projects 2014-2017

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The background features a dark purple vertical bar on the left side. The rest of the page is divided into several rectangular sections of varying shades of green. The top-left section is a light green, while the top-right and bottom-right sections are a medium green. The bottom-left section is a darker green. The text is positioned in the top-right section.

EXCELLENT SCIENCE
– INFRASTRUCTURES

E-RHIS

EU Research Science Infrastructure for Heritage Science (Preparatory phase)

E-RIHS PP is a coordination and support action addressing the topic “Preparatory Phase and support to early phase of ESFRI projects” within the call H2020-INFRADEV-02-2016. The specific action addressed by this project is the preparation of E-RIHS, the European Research Infrastructure for Heritage Science (HS), one of the six new projects which entered the ESFRI Roadmap in 2016, and the only research infrastructure project in the Social and Cultural Innovation section of the Roadmap. E-RIHS will help the preservation of the World’s Heritage by enabling cutting-edge research in HS, liaising with governments and heritage institutions to promote its constant development and, finally, raising the appreciation of the large public for cultural and natural heritage and the recognition of its historic, social and economic significance.

E-RIHS PP will start in 2017 and will last three years (2017-2020). The first two will be used to address governance, financial aspects, legal documents and logistics. This will lead to a business plan ready for application to ERIC, or to another suitable legal form, by 2019. The last year will be devoted to negotiations with stakeholders, based on the agreed instruments, further strategic planning and to start up of activities for entering the transition phase. E-RIHS will hopefully be launched as a stand-alone RI in 2021.

<p>Project Reference: 739503</p> <p>Website: http://www.e-rihs.eu</p> <p>EU contribution: EUR 3 999 449</p> <p>From: 2017 to 2020</p> <p>Topic: INFRADEV-02-2016</p> <p>Project coordinator: CONSIGLIO NAZIONALE DELLE RICERCHE, IT</p>	<p>Project Partners:</p> <p>KONINKLIJK INSTITUUT VOOR HET KUNSTPATRIMONIUM, BE</p> <p>THE CYPRUS INSTITUTE, CY</p> <p>USTAV TEORETICKE A APLIKOVANE MECHANIKY AVCR, CZ</p> <p>DEUTSCHES ARCHAOLOGISCHES INSTITUT, DE</p> <p>AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES</p> <p>CONSORCIO PARA LA CONSTRUCCION, EQUIPAMIENTO Y EXPLOTACION DEL CENTRO NACIONAL DE INVESTIGACION SOBRE LA EVOLUCION HUMANA, ES</p> <p>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS, FR</p> <p>DIGITAL RESEARCH INFRASTRUCTURE FOR THE ARTS AND HUMANITIES, FR</p> <p>FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS, EL</p> <p>MAGYAR TUDOMANYOS AKADEMIA ATOMMAGKUTATO INTEZETE, HU</p>	<p>THE DISCOVERY PROGRAMME : CENTRE FOR ARCHAEOLOGY AND INNOVATION IRELAND, IE</p> <p>ISRAEL ANTIQUITIES AUTHORITY, IL</p> <p>CENTRAL EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM, IT</p> <p>PIN SOC.CON.S. A R.L. - SERVIZI DIDATTICI E SCIENTIFICI PER L UNIVERSITA DI FIRENZE, IT</p> <p>MINISTERIE VAN ONDERWIJS, CULTUUR EN WETENSCHAP, NL</p> <p>UNIWERSYTET MIKOLAJA KOPERNIKA W TORUNIU, PL</p> <p>LABORATORIO NACIONAL DE ENGENHARIA CIVIL, PT</p> <p>JAVNI ZAVOD REPUBLIKE SLOVENIJE ZA VARSTVO KULTURNE DEDISCINE, SI</p> <p>UNIVERSITY COLLEGE LONDON, UK</p>
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**EUROPEAN HOLOCAUST
RESEARCH INFRASTRUCTURE**

EHRI

European Holocaust Research Infrastructure

The European Holocaust Research Infrastructure (EHRI) project seeks to transform archival research on the Holocaust. The vision of EHRI is to integrate the data, services and expertise of existing Holocaust infrastructures on an unprecedented scale. It will allow researchers from across the globe transnational and virtual access to the integrated infrastructure, and provide them with innovative digital tools and methods to (collaboratively) explore and analyse Holocaust sources. EHRI will thereby become an indispensable tool for the study of the Holocaust from a pan-European perspective.

EHRI is based on an advanced community that has already achieved a significant co-ordination of its efforts, not least thanks to the activities undertaken during EHRI's first phase. The aim of the second phase is to further expand this community. The EHRI consortium includes 22 partners, spread across Europe and beyond. This consortium, as well as a network of regional contact points, enables EHRI to reach those regions where much valuable Holocaust source material is located, but where access has hitherto been problematic, especially in South-Eastern and Eastern Europe. EHRI includes measures to build capacity in such regions, thereby ensuring that institutions and people across Europe can contribute to, and make use of, the EHRI infrastructure.

EHRI will continue to serve as a 'best practice' model for other humanities projects, and its innovative approach to data integration, management and retrieval will have impact in the wider cultural and IT industries. Although EHRI is geared towards scholarly communities, open online availability of reliable Holocaust material is important for the larger public, as the Holocaust is deeply rooted in the development of European societies. European support for the study of this most traumatic historical event is essential to achieve a comprehensive approach to the history of the Holocaust as a shared European phenomenon.

<p>Project Reference: 654164</p> <p>Website: https://www.ehri-project.eu/</p> <p>EU contribution: EUR 8 000 000</p> <p>From: 2015 to 2019</p> <p>Topic: INFRAIA-1-2014-2015</p> <p>Project coordinator: KONINKLIJKE NEDERLANDSE ACADEMIE VAN WETENSCHAPPEN, NL</p>	<p>Project Partners:</p> <p>CENTRE D'ETUDES ET DE DOCUMENTATION GUERRE ET SOCIETES CONTEMPORAINES, BE</p> <p>ARCHIVES GENERALES DU ROYAUME ET ARCHIVES DE L'ETAT DANS LES PROVINCES, BE</p> <p>ZIDOVSKÉ MUZEUM V PRAZE, CZ</p> <p>STIFTUNG ZUR WISSENSCHAFTLICHEN ERFORSCHUNG DER ZEITGESCHICHTE - INSTITUT FÜR ZEITGESCHICHTE IFZ, DE</p> <p>KING'S COLLEGE LONDON, UK</p> <p>YAD VASHEM THE HOLOCAUST MARTYRS AND HEROES REMEMBRANCE AUTHORITY, IL</p> <p>THE UNITED STATES HOLOCAUST MEMORIAL MUSEUM, US</p> <p>BUNDESARCHIV, DE</p> <p>THE WIENER LIBRARY INSTITUTE OF CONTEMPORARY HISTORY LBG, UK</p> <p>INTERNATIONAL TRACING SERVICE, DE</p> <p>ZYDOWSKI INSTYTUT HISTORYCZNY IM. EMANUELA RINGELBLUMA, PL</p> <p>MEMORIAL DE LA SHOAH, FR</p> <p>WIENER WIESENTHAL INSTITUT FÜR HOLOCAUST-STUDIEN – VWI, AT</p> <p>ONTOTEXT AD, BG</p>	<p>"INSTITUTUL NATIONAL PENTRU STUDIAREA HOLOCAUSTULUI DIN ROMANIA "ELIE WIESEL", RO</p> <p>MAGYARORSZAGI ZSIDO HITKOZSEGEK SZOVETSEGE TARSADALMI SZERVEZET, HU</p> <p>INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR</p> <p>VALSTYBINIS VILNIAUS GAONO ZYDU MUZIEJUS, LI</p> <p>DOKUMENTACNE STREDISKO HOLOKAUSTU OBCIANSKE ZDRUZENIE, SK</p> <p>STOWARZYSZENIE CENTRUM BADAN NAD ZAGLADA ZYDOW, PL</p> <p>FONDAZIONE CENTRO DI DOCUMENTAZIONE EBRAICA CONTEMPORANEA -CDEC – ONLUS, IT</p> <p>THE JEWISH MUSEUM OF GREECE, EL</p> <p>KAZERNE DOSSIN MEMORIAAL, MUSEUM EN DOCUMENTATIECENTRUM OVER HOLOCAUST EN MENSENRECHTEN, BE</p>
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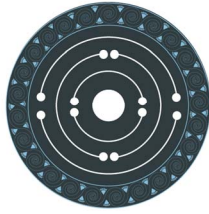
IPERION CH integrated platform

Integrated Platform for the European Research Infrastructure ON Cultural Heritage

IPERION CH aims to establish the unique pan-European research infrastructure in Heritage Science by integrating national world-class facilities at research centres, universities and museums. The cross-disciplinary consortium of 23 partners (from 12 Member States and the US) offers access to instruments, methodologies and data for advancing knowledge and innovation in the conservation and restoration of cultural heritage. Fourth in a line of successful projects (CHARISMA-FP7, Eu-ARTECH-FP6 and LabS-TECH network-FP5), IPERION CH widens trans-national access by adding new providers with new expertise and instruments to the three existing complementary platforms ARCHLAB, FIXLAB and MOLAB.

The quality of access services will be improved through joint research activities focused on development of new advanced diagnostic techniques and (with DARIAH ERIC) tools for storing and sharing scientific cultural heritage data. Networking activities will (a) promote innovation through technology transfer and dynamic involvement of SMEs; (b) improve access procedures by setting up a coordinated and integrated approach for harmonising and enhancing interoperability among the facilities; (c) identify future scientific challenges, best practices and protocols for measurements; (d) optimise the use of digital tools in Heritage Science. To advance the international role of EU cultural heritage research, IPERION CH will generate social and cultural innovation by training a new generation of researchers and professionals and by worldwide dissemination and communication to diverse audiences. To ensure long-term sustainability, the advanced community of IPERION CH will work towards inclusion in the new ESFRI Roadmap and constitution of a RI with its own EU legal entity (e.g. ERIC). Synergies with national and local bodies, and with managing authorities in charge of ESIF, will expand the scope and impact of IPERION CH in terms of competitiveness, innovation, growth and jobs in ERA.

<p>Project Reference: 654028</p> <p>Website: http://www.iperionch.eu/</p> <p>EU contribution: EUR 8 000 000</p> <p>From: 2015 to 2019</p> <p>Topic: INFRAIA-1-2014-2015</p> <p>Project coordinator: CONSIGLIO NAZIONALE DELLE RICERCHE, IT</p>	<p>Project Partners:</p> <p>KONINKLIJK INSTITUUT VOOR HET KUNSTPATRIMONIUM, BE</p> <p>DOERNER INSTITUT, BAYERISCHE STAATSGEMÄLDESAMMLUNGEN DE</p> <p>STIFTUNG PREUSSISCHER KULTURBESITZ, DE</p> <p>RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN, DE</p> <p>STATENS MUSEUM FOR KUNST, DK</p> <p>AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES</p> <p>MUSEO NACIONAL DEL PRADO, ES</p> <p>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR</p> <p>INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR</p> <p>SOCIÉTÉ CIVILE SYNCHROTRON SOLEIL, FR</p> <p>FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS, EL</p> <p>IDRYMA ORMYLIA, EL</p> <p>MAGYAR TUDOMANYOS AKADEMIA ATOMMAGKUTATO INTEZETE, HU</p>	<p>MAGYAR TUDOMANYOS AKADEMIA WIGNER FIZIKAI KUTATOKOZPONT, HU</p> <p>AGENZIA PER LA PROMOZIONE DELLA RICERCA EUROPEA, IT</p> <p>OPIFICIO DELLE PIETRE DURE, IT</p> <p>ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA, IT</p> <p>MINISTERIE VAN ONDERWIJS, CULTUUR EN WETENSCHAP, NL</p> <p>UNIWERSYTET MIKOLAJA KOPERNIKA W TORUNIU, PL</p> <p>LABORATORIO NACIONAL DE ENGENHARIA CIVIL, PT</p> <p>BRITISH MUSEUM, UK</p> <p>THE NATIONAL GALLERY, UK</p> <p>THE J. PAUL GETTY TRUST, US</p>
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PARTHENOS

Pooling Activities, Resources and Tools
for Heritage E-research Networking,
Optimization and Synergies

PARTHENOS

Pooling Activities, Resources and Tools for Heritage research Networking, Optimization, and Synergies

PARTHENOS aims at strengthening the cohesion of research in the broad sector of Linguistic Studies, Humanities, Cultural Heritage, History, Archaeology and related fields through a thematic cluster of European Research Infrastructures, integrating initiatives, e-infrastructures and other world-class infrastructures, and building bridges between different, although tightly, interrelated fields. PARTHENOS will achieve this objective through the definition and support of common standards, the coordination of joint activities, the harmonization of policy definition and implementation, and the development of pooled services and of shared solutions to the same problems.

PARTHENOS will address and provide common solutions to the definition and implementation of joint policies and solutions for the humanities and linguistic data lifecycle, taking into account the specific needs of the sector that require dedicated design, including provisions for cross-discipline data use and re-use, the implementation of common AAA (authentication, authorization, access) and data curation policies, including long-term preservation; quality criteria and data approval/certification; IPR management, also addressing sensitive data and privacy issues; foresight studies about innovative methods for the humanities; standardization and interoperability; common tools for data-oriented services such as resource discovery, search services, quality assessment of metadata, annotation of sources; communication activities; and joint training activities. Built around the two ERICs of the sector, DARIAH and CLARIN, and involving all the relevant Integrating Activities projects, PARTHENOS will deliver guidelines, standards, methods, services and tools to be used by its partners and by all the research community. It will exploit commonalities and synergies to optimize the use of resources in related domains.

<p>Project Reference: 6541119</p> <p>Website: http://www.parthenos-project.eu/</p> <p>EU contribution: EUR 11 999 711</p> <p>From: 2015 to 2019</p> <p>Topic: INFRADEV-4-2014-2015</p> <p>Project coordinator: PIN SOC.CONS. A R.L. - SERVIZI DIDATTICI E SCIENTIFICI PER L UNIVERSITA DI FIRENZE, IT</p>	<p>Project Partners:</p> <p>INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR</p> <p>CLARIN ERIC, NL</p> <p>KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN – KNAW, NL</p> <p>THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN, IE</p> <p>CONSIGLIO NAZIONALE DELLE RICERCHE, IT</p> <p>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR</p> <p>AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES</p> <p>FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS, EL</p> <p>KING'S COLLEGE LONDON, UK</p> <p>OESTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN, AT</p>	<p>ISTITUTO CENTRALE PER IL CATALOGO UNICO DELLE BIBLIOTECHE ITALIANE E PER LE INFORMAZIONI BIBLIOGRAFICHE, IT</p> <p>GEORG-AUGUST- UNIVERSITAET GOETTINGEN STIFTUNG OEFFENTLICHEN RECHTS, DE</p> <p>SOCIETA INTERNAZIONALE PER LO STUDIO DEL MEDIOEVO LATINO- S.I.S.M.E.L.ASSOCIAZIONE, IT</p> <p>ACADEMY OF ATHENS, EL</p> <p>FACHHOCHSCHULE POTSDAM, DE</p> <p>DIGITAL RESEARCH INFRASTRUCTURE FOR THE ARTS AND HUMANITIES, FR</p>
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HAS-DARIAH

A Digital Research Infrastructure for the Art and Humanities

The 'Humanities at Scale' project will further the DARIAH ERIC's aim to integrate digitally enabled research in the arts and humanities in Europe and beyond and to operate a platform to enable trans-national arts and humanities research. The project will help DARIAH sustain existing knowledge in digital arts and humanities in Europe and enable new one. DARIAH connects various hubs of excellence in the domain and helps them share their results and innovations. By sharing knowledge, DARIAH works proactively to enhance the reach of digital arts and humanities within the European Research Area (ERA). This proposals aims to address some critical limitations of the current model of sharing knowledge in DARIAH and of connecting the national services in digital arts and humanities initiatives in Europe.

<p>Project Reference: 675570</p> <p>Website: http://has.dariah.eu/</p> <p>EU contribution: EUR 2 000 000</p> <p>From: 2015 to 2017</p> <p>Topic: INFRADEV-3-2015</p> <p>Project coordinator: DIGITAL RESEARCH INFRASTRUCTURE FOR THE ARTS AND HUMANITIES, FR</p>	<p>Project Partners:</p> <p>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS, FR</p> <p>KONINKLIJKE NEDERLANDSE ACADEMIE VAN WETENSCHAPPEN NETHERLANDS, NL</p> <p>GEORG-AUGUST-UNIVERSITAET GOETTINGEN STIFTUNG OEFFENTLICHEN RECHTS, DE</p>	
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CLARIN-PLUS

EU language research infrastructure

CLARIN, the Common Language Resource and Technology Research Infrastructure, has gained force and momentum over the last 10 years. It is being constructed as a distributed e-infrastructure for the Humanities and Social Sciences to enable sustainable access, exploitation and integration of Europe's vast amount of language-based data and related technology.

As stipulated by the ESFRI roadmap, CLARIN is now in the later part of its implementation phase. Indeed, the implementation is already far advanced in many aspects, among these the technical core elements of the infrastructure. However, at this crucial phase, several aspects need additional focused efforts. The 2013 ESFRI high level expert group assessment identified key areas where concentrated actions are needed in order to ensure the broadest possible success of CLARIN. Also following the recommendations of that report, CLARIN-PLUS proposes to accelerate the implementation and to strengthen and consolidate CLARIN in the following areas:

- 1) The central (technical) hub – Extend the Service Provider Federation; improve metadata quality; tighten webservice integration; improve infrastructure gateways.
- 2) The central office – Further the internal and external information platforms; work on a professional branding and a higher usability level.
- 3) Partnerships with other infrastructure initiatives – Beyond existing cooperations, coordinate and implement or strengthen joint services with EUDAT, GÉANT, DARIAH, RDA, Europeana and Hathi Trust.
- 4) Outreach – Work out a concrete value proposition and use it to attract new countries, centres and users; demonstrate the potential of CLARIN to new user groups.
- 5) Governance: Revise the statutes, perform a financial analysis and focus on sustainability.

This project will help to adjust the balance between the national CLARIN consortia and centres and CLARIN ERIC, and will improve crucial aspects of CLARIN as a robust European infrastructure.

<p>Project Reference: 676529</p> <p>Website: https://www.clarin.eu/</p> <p>EU contribution: EUR 1 500 000</p> <p>From: 2015 to 2017</p> <p>Topic: INFRADEV-3-2015</p> <p>Project coordinator: CLARIN ERIC, NL</p>	<p>Project Partners:</p> <p>UNIVERZITA KARLOVA V PRAZE, CZ</p> <p>EBERHARD KARLS UNIVERSITAET TUEBINGEN, DE</p> <p>KØBENHAVNS UNIVERSITET (UNIVERSITY OF COPENHAGEN), DK</p>	
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LEIT (ADVANCED MATERIALS)



INNOVA CONCRETE

Innovative materials and techniques for the conservation of 20th century concrete-based cultural heritage

InnovaConcrete is an innovative and ambitious proposal that aims at preserving concrete-based monuments, the most significant tangible Cultural Heritage (CH) in the 20th Century. To achieve this goal, we have recruited an interdisciplinary team presenting a strong scientific background in simulation techniques and nanomaterials synthesis, combined with a wide knowledge of CH conservation from Humanities disciplines and, a sound industrial perspective. Specifically, a completely innovative approach based on producing C-S-H gel, responsible for the engineering properties of cement paste in cracks of decayed concrete monument, in situ, will be developed. Complementary, other innovative solutions giving rise to superhydrophobicity and corrosion inhibition will be also investigated. In addition, InnovaConcrete will explore an approach based on biotechnology: enzyme-assisted self-healing of damaged surfaces. The optimization of the solutions proposed will be carried out by the use of theoretical tools (multi-scale modelling approaches) together with experimental tools (laboratory and in situ validation). Significant 20th century monuments, such as the spectacular building, Centennial Hall, the open-air sculptures of Eduardo Chillida, War Memorial Towers and concrete shell structures, typical construction in communist period will be used as case studies to validate the performance of the solutions proposed. These monuments, a clear representation of European CH, will be employed to study economic and other societal effects of the proposal and to promote citizens' awareness of 20th century European heritage. Finally, the activities required for the future commercialization of the InnovaConcrete products, including standardization, certification, life cycle assessment, scaling up and exploitation strategies will be carried out.

<p>Project Reference: 760858</p> <p>Website: http://innovaconcrete.net/</p> <p>EU contribution: EUR 6 882 086</p> <p>From: 2018 to 2020</p> <p>Topic: NMBP-35-2017</p> <p>Project coordinator: UNIVERSIDAD DE CADIZ, ES</p>	<p>Project Partners:</p> <p>THE RESEARCH COMMITTEE OF THE TECHNICAL UNIVERSITY OF CRETE, EL</p> <p>UNIVERSITAETSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAET MAINZ, DE</p> <p>CONSIGLIO NAZIONALE DELLE RICERCHE, IT</p> <p>CONSORZIO INTERUNIVERSITARIO PER LO SVILUPPO DEI SISTEMI A GRANDE INTERFASE, IT</p> <p>FUNDACION TECNALIA RESEARCH & INNOVATION, ES</p> <p>TECHNISCHE UNIVERSITAT DARMSTADT, DE</p> <p>STUDIECENTRUM VOOR KERNENERGIE, BE</p> <p>NATIONAL TECHNICAL UNIV. OF ATHENS-NTUA, EL</p> <p>TECHNISCHE UNIVERSITEIT DELFT, NL</p> <p>AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES</p> <p>ANONYMI ETAIREIA VIOMICHANIKIS EREVNAS, TECHNOLOGIKIS ANAPTYXIS KAI ERGASTIRIAKON DOKIMON, EL</p> <p>TECHEDGE GMBH, DE</p> <p>BEWARRANT, BE</p>	<p>WROCLAWSKIE PRZEDSIEBIORSTWO HALA LUDOWA ZOO, PL</p> <p>FUNDACIÓN EDUARDO CHILLIDA Y PILAR BELZUNCE, ES</p> <p>MINISTERO DEI BENI E DELLE ATTIVITA CULTURALI E DEL TURISMO, IT</p> <p>INES INGENIEROS CONSULTORES SL, ES</p> <p>UNIwersytet LODZKI, PL</p> <p>ESTUDIO GUADIANA, ES</p> <p>CONSEIL INTERNATIONAL DES MONUMENTSET DES SITES ASSOCIATION, FR</p> <p>FUNDACION DOCOMOMO IBERICO, ES</p> <p>NANOPHOS ANONIMI EMPORIKI ETAIRIA ANAPTIXIS KAI YPIRESION, EL</p> <p>NANOTECMARIN, DE</p> <p>IONFLY VACUUM AND PLASMA TECHNOLOGY SRL, IT</p> <p>SIKA TECHNOLOGY, CH</p> <p>RINA CONSULTING SPA, IT</p> <p>WISS, JANNEY, ELSTNER ASSOCIATES, INC, US</p> <p>LUCIANO HERNANDEZ, AR</p>
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NANORESTART

NANOmaterials for the REStoration of works of ART

Currently there is a lack of methodologies for the conservation of modern and contemporary artworks, many of which will not be accessible in very short time due to extremely fast degradation processes. The challenge of NANORESTART (NANOmaterials for the REStoration of works of ART) will be to address this issue within a new framework with respect to the state of the art of conservation science. NANORESTART is devoted to the development of nanomaterials to ensure long term protection and security of modern/contemporary cultural heritage, taking into account environmental and human risks, feasibility and materials costs. The market for conservation of this heritage is estimated at some €5 billion per year, and could increase by a significant factor in the next years due to the wider use of nanomaterials. The new tools and materials developed will represent a breakthrough in cultural heritage and conservation science and will focus on: (i) tools for controlled cleaning, such as highly-retentive gels for the confinement of enzymes and nanostructured fluids based on green surfactants; (ii) the strengthening and protection of surfaces by using nanocontainers, nanoparticles and supramolecular systems/assemblies; (iii) nanostructured substrates and sensors for enhanced molecules detection; (iv) evaluation of the environmental impact and the development of security measures for long lasting conservation of cultural heritage. Within the project the industrial scalability of the developed materials will be demonstrated.

NANORESTART gathers centres of excellence in the field of synthesis and characterization of nanomaterials, world leading chemical Industries and SMEs operating in R&D, and International and European centres for conservation, education and museums. Such centres will assess the new materials on modern/contemporary artefacts in urgent need of conservation, and disseminate the knowledge and the new nanomaterials among conservators on a worldwide perspective.

<p>Project Reference: 646063</p> <p>Website: http://www.nanorestart.eu/</p> <p>EU contribution: EUR 7 888 495</p> <p>From: 2015 to 2019</p> <p>Topic: NMP-21-2014</p> <p>Project coordinator: CONSORZIO INTERUNIVERSITARIO PER LO SVILUPPO DEI SISTEMI A GRANDE INTERFASE, IT</p>	<p>Project Partners:</p> <p>CHALMERS TEKNISKA HOEGSKOLA AB, SE</p> <p>MIRABILE ANTONIO, FR</p> <p>NATIONALMUSEET, DK</p> <p>CONSIGLIO NAZIONALE DELLE RICERCHE, IT</p> <p>UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK, IE</p> <p>MBN NANOMATERIALIA SPA, IT</p> <p>KEMIJSKI INSTITUT, SI</p> <p>CHEVALIER AURELIA, FR</p> <p>UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, BR</p> <p>UNIVERSITA CA' FOSCARI VENEZIA, IT</p> <p>AKZO NOBEL PULP AND PERFORMANCE CHEMICALS AB, SE</p> <p>COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR</p> <p>ARKEMA FRANCE, FR</p> <p>UNIVERSIDAD DE SANTIAGO DE COMPOSTELA, ES</p> <p>UNIVERSITY COLLEGE LONDON, UK</p> <p>ZFB ZENTRUM FUR BUCHERHALTUNG GMBH, DE</p>	<p>UNIVERSITAT DE BARCELONA, ES</p> <p>THE BOARD OF TRUSTEES OF THE TATE GALLERY, UK</p> <p>ASSOCIAZIONE ITALIANA PER LA RICERCA INDUSTRIALE – AIRI, IT</p> <p>THE ART INSTITUTE OF CHICAGO, US</p> <p>MINISTERIO DE EDUCACION, CULTURA Y DEPORTE, ES</p> <p>STICHTING HET RIJKSMUSEUM, NL</p> <p>UNIVERSITEIT VAN AMSTERDAM, NL</p> <p>UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, BR</p> <p>ACCADEMIA DI BELLE ARTI DI BRERA, IT</p>
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Nanomaterials for conservation of European architectural heritage developed by research on characteristic lithotypes

The project NANO-CATHEDRAL aims at developing, with a nano-metric scale approach, new materials, technologies and procedures for the conservation of deteriorated stones in monumental buildings and cathedrals and high value contemporary architecture, with a particular emphasis on the preservation of the originality and specificity of materials. The objective is providing “key tools” for restoration and conservation:

- On representative lithotypes
- On European representative climatic areas
- With a time-scale/environmental approach
- With technology validated in relevant environment (industrial plant and monuments)
- Exploiting results also on modern stone made buildings

A general protocol will be defined for the identification of the petrographic and mineralogical features of the stone materials, the identification of the degradation patterns, the evaluation of the causes and mechanisms of alteration and degradation, including the correlations between the relevant state of decay and the actual microclimatic and air pollution conditions.

Moreover, innovative nano-materials will be developed suitable for:

- Surface consolidation: in this case water-based formulations based on nano-inorganic or nano-hybrid dispersions such as nano-silica, nano-titania, nano-hydroxyapatite, nano-calcite and nano-magnesia as well as their synergic combinations with organic and inorganic compounds will be considered.
- Surface protection: in this case, innovative composites will be developed consisting of polymers and nano-fillers. The use of hydrophobins, nano-assembled hydrophobic proteins extracted from fungi, and photocatalytic nano-particles will be considered.
- The project will contribute to the development of transnational cultural tourism and to the development of common European shared values and heritage, thus stimulating a greater sense of European identity.

<p>Project Reference: 646178</p> <p>Website: http://www.nanocathedral.eu/</p> <p>EU contribution: EUR 6 321 335</p> <p>From: 2015 to 2018</p> <p>Topic: NMP-21-2014</p> <p>Project coordinator: CONSORZIO INTERUNIVERSITARIO NAZIONALE PER LA SCIENZA E TECNOLOGIA DEI MATERIALI, IT</p>	<p>Project Partners:</p> <p>OPERA DELLA PRIMAZIALE PISANA, IT</p> <p>WARRANT GROUP SRL, IT</p> <p>MINISTERO DEI BENI E DELLE ATTIVITA CULTURALI E DEL TURISMO, IT</p> <p>COLOROBIA CONSULTING SRL, IT</p> <p>CHEM-SPEC SRL, IT</p> <p>METROPOLITANKAPITEL DER HOHEN DOMKIRCHE KOLN DOMBAUVERWALTUNG, DE</p> <p>OTTO-FRIEDRICH-UNIVERSITAET BAMBERG, DE</p> <p>Karlsruher Institut fuer Technologie, DE</p> <p>WIEDEMANN GMBH, DE</p> <p>FUNDACION CATEDRAL SANTA MARIA, ES</p>	<p>DIPUTACION FORAL DE ALAVA, ES</p> <p>TECNOLOGIA NAVARRA DE NANOPRODUCTOS SL, ES</p> <p>DOMBAUSEKRETARIAT ST STEPHAN, AT</p> <p>UNIVERSITAT FUR ANGEWANDTE KUNST WIEN, ATTECHNISCHE UNIVERSITAET WIEN, AT</p> <p>ARCHITECTENBUREAU BRESSERS, BE</p> <p>ORGANIC WASTE SYSTEMS NV, BE</p> <p>KOMMUNAL- OG MODERNISERINGSDEPART EMENTET, NO</p>
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NEMOSINE

Innovative packaging solutions for storage and conservation of 20th century cultural heritage of artefacts based on cellulose derivate

A huge percentage of the recent European cultural heritage (CH) can be found in movies, photographs, posters and slides produced between 1895 and 1970 were made using cellulose derivatives. More than 75 years of visual and audio memories are in serious danger to be lost due to the natural instability cellulose acetate (CA) and Cellulose nitrate (CN) materials.

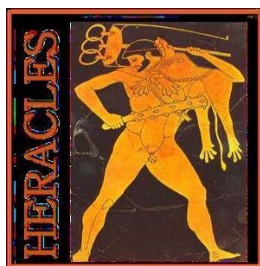
These physical media have helped to preserve the cultural material that is a real witness of socio-cultural European evolution in the recent era. It encompasses the possibility to understand the development of new arts such as cinema, photography or graphic arts and also the preservation of the socio-cultural memories of citizens located in major and local museums worldwide.

Conservators consider two approaches when planning treatments to extend the useful lifetime of cultural materials: preventive or passive and active or interventive. But in case of cellulose derivatives and other components of the movie or photos, once initiated, degradation cannot be prevented, reversed or stopped, but only inhibited or slowed. Inhibitive conservation of cellulose derivatives can either involve the removal or reduction of factors causing degradation including light, oxygen, acids, fungus and relative humidity among others, as well as cost-sensitive processes such as freeze.

NEMOSINE improves the traditional storage solutions, such as freeze storage (below 5°C), by developing an innovative package with the main goal of energy saving and extent conservation time. NEMOSINE will develop: i) High O₂ barrier and Active packaging using non-odour additives, ii) Active acid adsorbers based on functionalized Metal Organic Framework (MOFs) integrated in innovative structures, iii) Gas detection sensors to monitoring AA, O₂ & NO, iv) Multi-scale modelling to correlate degradation & sensors signals, v) Packaging with modular design to fulfil the technical & economical requirements of the different CH made by cellulose derivatives.

<p>Project Reference: 760801</p> <p>Website: N/A</p> <p>EU contribution: EUR 7 293 911</p> <p>From: 2018 to 2022</p> <p>Topic: NMBP-35-2017</p> <p>Project coordinator: AIMPLAS - ASOCIACION DE INVESTIGACION DE MATERIALES PLASTICOS Y CONEXAS, ES</p>	<p>Project Partners:</p> <p>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS, FR</p> <p>INSTITUTO SUPERIOR TECNICO, PT</p> <p>NOVA ID FCT - ASSOCIACAO PARA A INOVACAO E DESENVOLVIMENTO DA FCT, PT</p> <p>CENTRE TECHNIQUE INDUSTRIEL DE LA PLASTURGIE ET DES COMPOSITES, FR</p> <p>PROMETHEAN PARTICLES LTD, UK</p> <p>AKUMPLAST AD, BG</p> <p>BIOSENSOR S.R.L., IT</p> <p>VISUM LIMITED, IE</p> <p>NANOPHARMA AS, CZ</p> <p>MODISPREM SA, ES</p>	<p>CONSERVATION BY DESIGN LIMITED, UK</p> <p>OESTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN, AT</p> <p>CULTURARTS GENERALITAT, ES</p> <p>DEUTSCHES FILMINSTITUT - DIF EV, DE</p> <p>FRATELLI ALINARI ISTITUTO DI EDIZIONI ARTISTICHE-IDEA SPA, IT</p>
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CLIMATE ACTION,
ENVIRONMENT,
RESOURCE
EFFICIENCY AND
RAW MATERIALS



HERACLES

HERitage Resilience Against CLimate Events on Site

HERACLES main objective is to design, validate and promote responsive systems/solutions for effective resilience of CH against climate change effects, considering as a mandatory premise an holistic, multidisciplinary approach through the involvement of different expertise (end-users, industry/SMEs, scientists, conservators/restorators and social experts, decision, and policy makers). This will be operationally pursued with the development of a system exploiting an ICT platform able to collect and integrate multisource information in order to effectively provide complete and updated situational awareness and support decision for innovative measurements improving CH resilience, including new solutions for maintenance and conservation. The HERACLES effectiveness will be ensured by the design and validation of manageable methodologies also for the definition of operational procedures and guidelines for risk mitigation and management. It will be validated in two challenging test beds, key study cases for the climate change impact on European CH assets. The strength of HERACLES solutions is their flexibility in evaluating a big quantity of different information that can be changed and tailored to the specific CH assets needs, guaranteeing in that way a general applicability. In this context, a fundamental role will be played by end-users, which will be active part in the project activities. HERACLES system will be designed and developed by accounting for the economic sustainability and future acceptance by the market and for the social and economic impact for public and local communities while respecting the integrity of CH and the value it hold for communities. Effective technological transfer of HERACLES outcomes to large companies, SMEs and end users, suitable dissemination, communication, education and training activities are also organized to disseminate vision and progresses obtained to different communities, in a vision of wide audiences awareness.

<p>Project Reference: 700395</p> <p>Website: http://www.heracles-project.eu/</p> <p>EU contribution: EUR 6 564 313</p> <p>From: 2016 to 2019</p> <p>Topic: DRS-11-2015</p> <p>Project coordinator: CONSIGLIO NAZIONALE DELLE RICERCHE, IT</p>	<p>Project Partners:</p> <p>E-GEOS SPA, IT</p> <p>LEONARDO - SOCIETA PER AZIONI, IT</p> <p>THALES SA, FR</p> <p>FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE</p> <p>ARIA TECHNOLOGIES SA, FR</p> <p>SISTEMA GMBH, AT</p> <p>CVR S.R.L., IT</p> <p>UNINOVA-INSTITUTO DE DESENVOLVIMENTO DE NOVAS TECNOLOGIAS-ASSOCIACAO, PT</p> <p>THE INTERNATIONAL EMERGENCY MANAGEMENT SOCIETY AISBL, BE</p>	<p>EUROPEAN MATERIALS RESEARCH SOCIETY, FR</p> <p>FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS, EL</p> <p>PANEPISTIMIO KRITIS, EL</p> <p>EPHORATE OF ANTIQUITIES OF HERAKLION, EL</p> <p>COMUNE DI GUBBIO, IT</p> <p>UNIVERSITA DEGLI STUDI DI PERUGIA, IT</p>
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STORM

Safeguarding Cultural Heritage through Technical and Organisational Resources Management

Starting from previous research experiences and tangible outcomes, STORM proposes a set of novel predictive models and improved non-invasive and non-destructive methods of survey and diagnosis, for effective prediction of environmental changes and for revealing threats and conditions that could damage cultural heritage sites. Moreover, STORM will determine how different vulnerable materials, structures and buildings are affected by different extreme weather events together with risks associated to climatic conditions or natural hazards, offering improved, effective adaptation and mitigation strategies, systems and technologies. An integrated system featuring novel sensors (intra fluorescent and wireless acoustic sensors), legacy systems, state of the art platforms (including LiDAR and UAVs), as well as crowdsourcing techniques will be implemented, offering applications and services over an open cloud infrastructure.

An important result of STORM will be a cooperation platform for collaboratively collecting and enhancing knowledge, processes and methodologies on sustainable and effective safeguarding and management of European Cultural Heritage. The system will be capable of performing risk assessment on natural hazards taking into account environmental and anthropogenic risks, and of using Complex Events processing. Results will be tested in relevant case studies in five different countries: Italy, Greece, UK, Portugal and Turkey. The sites and consortium have been carefully selected so as to adequately represent the rich European Cultural Heritage, while associate partners that can assist with liaisons and links to other stakeholders and European sites are also included.

The project will be carried out by a multidisciplinary team providing all competences needed to assure the implementation of a functional and effective solution to support all the actors involved in the management and preservation of Cultural Heritage sites.

<p>Project Reference: 700191</p> <p>Website: https://www.storm-project.eu/</p> <p>EU contribution: EUR 7 297 875</p> <p>From: 2016 to 2019</p> <p>Topic: DRS-11-2015</p> <p>Project coordinator: ENGINEERING - INGEGNERIA INFORMATICA SPA, IT</p>	<p>Project Partners:</p> <p>INOV INESC INOVACAO - INSTITUTO DE NOVAS TECNOLOGIAS, PT</p> <p>FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS, EL</p> <p>TECHNOLOGICAL EDUCATIONAL INSTITUTE OF PIRAEUS, EL</p> <p>RESILTECH SRL, IT</p> <p>SOPRINTENDENZA SPECIALE PER IL COLOSSEO IL MUSEO NAZIONALE ROMANO E L'AREA ARCHEOLOGICA DI ROMA, IT</p> <p>UNIVERSITA DEGLI STUDI DELLA TUSCIA, IT</p> <p>KPEOPLE LTD, UK</p> <p>UNIVERSITAET STUTTGART, DE</p> <p>MINISTERO DELL'INTERNO, IT</p> <p>MELLOR ARCHAEOLOGICAL TRUST, UK</p> <p>SPARTA TECHNOLOGIES LTD, UK</p>	<p>THE UNIVERSITY OF SALFORD, UK</p> <p>NOVA CONSERVACAO - RESTAURO E CONSERVACAO DO PATRIMONIO ARTISTICO- CULTURAL LDA, PT</p> <p>TROIARESORT - INVESTIMENTOS TURÍSTICOS, S.A., PT</p> <p>DIRECAO GERAL DO PATRIMONIO CULTURAL, PT</p> <p>MUNICIPIO DE GRANDOLA, PT</p> <p>ZENTRALANSTALT FUR METEOROLOGIE UNDGEODYNAMIK, AT</p> <p>EPHORATE OF ANTIQUITIES OF RETHYMNO, EL</p> <p>BOGAZICI UNIVERSITESI, TR</p>
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ROCK

Regeneration and Optimisation of Cultural heritage in creative and Knowledge cities

ROCK aims to develop an innovative, collaborative and systemic approach to effective regeneration and adaptive reuse strategies in historic city centres. By implementing a repertoire of successful heritage-led regeneration initiatives, it will test the replicability of a spatial approach and of successful models addressing the specific needs of historic city centres. ROCK will transfer the role models blueprint to the replicators, adopting a cross disciplinary mentoring and defining common protocols and implementation guidelines. ROCK will deliver new ways to access and experience Cultural Heritage [CH] ensuring environmental sound solutions, city branding, bottom-up participation via living labs, while increasing accessibility and safety in the involved areas. ICT sensors and tools will support the concrete application of the ROCK principles and the platform will enable new ways to collect and exchange data to facilitate networking, synergies and creation of CH related services. The added value is the combination of sustainable models, integrated site management plans and associated funding mechanisms encouraging PPP, based on successful financial schemes and promoting the creation of industry-driven stakeholders' ecosystems. A monitoring tool is set up from the beginning, running during three additional years after the project lifetime. Main expected impacts deal with the achievement of effective and shared policies able to: accelerate heritage led regeneration, improve accessibility and social cohesion, increase awareness and participation in local decision making and wider civic engagement, foster businesses and new employment opportunities. Involving 10 Urban authorities, 5 Universities, 3 networks of enterprises, 3 networks of cities and several companies, foundations and charities, ROCK is able to catalyse challenges and innovative pathways across EU and beyond, addressing CH as a production and competitiveness factor and a driver for sustainable growth.

<p>Project Reference: 730280</p> <p>Website: www.rockproject.eu</p> <p>EU contribution: EUR 9 873 585</p> <p>From: 2017 to 2020</p> <p>Topic: SC5-21a-2016</p> <p>Project coordinator: COMUNE DI BOLOGNA, IT</p>	<p>Project Partners:</p> <p>ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA, IT</p> <p>CAMARA MUNICIPAL DE LISBOA, PT</p> <p>CITTA DI TORINO, IT</p> <p>COMMUNE DE LYON, FR</p> <p>MUNICIPUL CLUJ-NAPOCA, RO</p> <p>FILIALA TRANSILVANIA A ASOCIATIEI ROMANE PENTRU INDUSTRIA ELECTRONICA SI DE SOFTWARE, RO</p> <p>UNIVERSITY OF YORK, UK</p> <p>EUROCITIES ASBL, BE</p> <p>ICLEI EUROPEAN SECRETARIAT GMBH (ICLEI EUROPASEKRETARIAT GMBH), DE</p> <p>THE PRINCE'S REGENERATION TRUST, UK</p> <p>TASO DESAROLLOS S.L., ES</p> <p>CITY OF SKOPJE, MK</p> <p>CORVALLIS S.P.A., IT</p> <p>URBASOFIA SRL, RO</p> <p>DFRC AG, CH</p> <p>ACCIONA INFRAESTRUCTURAS S.A., ES</p>	<p>ATHENS DEVELOPEMENT AND DESTINATION MANAGEMENT AGENCY, EL</p> <p>JULIE'S BICYCLE, UK</p> <p>VIRTUALWARE 2007 SA, ES</p> <p>FONDAZIONE FITZCARRALDO, IT</p> <p>GREENBIZ GREEN BUSINESS SPAIN S.L., ES</p> <p>VILNIUS CITY MUNICIPALITY ADMINISTRATION, LT</p> <p>VILNIAUS GEDIMINO TECHNIKOS UNIVERSITETAS, LT</p> <p>ATHENS SCHOOL OF FINE ARTS, EL</p> <p>INSTITUTO DE CIENCIAS SOCIAIS DA UNIVERSIDADE DE LISBOA, PT</p> <p>LIVERPOOL CITY COUNCIL, UK</p> <p>GEMEENTE EINDHOVEN, NL</p> <p>CONFINDUSTRIA SERVIZI INNOVATIVI E TECNOLOGICI, IT</p>
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RIBuild

Robust Internal Thermal Insulation of Historic Buildings

RIBuild will strengthen the knowledge on how and under what conditions internal thermal insulation is to be implemented in historic buildings, without compromising their architectural and cultural values, with an acceptable safety level against deterioration and collapse of heavy external wall structures. The general objective of RIBuild is to develop effective, comprehensive decision guidelines to optimise the design and implementation of internal thermal insulation in historic buildings across the EU. RIBuild focuses on heavy external walls made of stone, brick and timber framing, as most historic buildings are made of these materials. The general objective is achieved through three main activities

- To obtain a thorough knowledge level to characterise the eligibility of the building for a deep internal thermal insulation renovation. This knowledge is obtained through screening of historic buildings, investigation of material properties and threshold values for failure
- To determine the conditions under which different internal insulation measures are reliable and affordable measures based on probabilistic modelling of the hygrothermal performance, the environmental impact and the cost/benefit
- To develop a set of comprehensive decision guidelines, which are demonstrated in a number of buildings. RIBuild addresses the most difficult retrofitting measure of historic buildings: internal thermal insulation. The adaption of knowledge developed by RIBuild contributes to sustainable historic buildings with improved energy efficiency implying an easier conversion of energy supply from inefficient fossil fuels to efficient renewable energy sources. RIBuild also assesses the hygrothermal performance of the building construction, thus no collateral damage occurs; in case of failure an easy roll back of the measures is possible. The guidelines developed in RIBuild strongly support the deep and holistic retrofitting approach which historic buildings face in the coming years.

<p>Project Reference: 637268</p> <p>Website: http://ribuild.eu/</p> <p>EU contribution: EUR 4 962 375</p> <p>From: 2015 to 2019</p> <p>Topic: EE-03-2014</p> <p>Project coordinator: AALBORG UNIVERSITET, DK</p>	<p>Project Partners:</p> <p>RIGAS TEHNISKA UNIVERSITATE, LV</p> <p>TECHNISCHE UNIVERSITAET DRESDEN, DE</p> <p>KATHOLIEKE UNIVERSITEIT LEUVEN, BE</p> <p>UNIVERSITA POLITECNICA DELLE MARCHE, IT</p> <p>DANMARKS TEKNISKE UNIVERSITET, DK</p> <p>RISE RESEARCH INSTITUTES OF SWEDEN AB, SE</p> <p>HAUTE ECOLE SPECIALISEE DE SUISSE OCCIDENTALE, CH</p> <p>INTRO FLEX APS, DK</p> <p>ERIK MOLLER ARKITEKTER AS, DK</p>	
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REFLECTIVE
SOCIETIES:
CULTURAL
HERITAGE AND
EUROPEAN
IDENTITIES

HERA JRP UP

HERA Joint Research Programme Uses of the Past

The HERA Joint Research Programme Uses of the Past (HERA JRP UP) consortium will establish a 3rd joint transnational programme for multi-disciplinary research into a topic at the heart of the reflective society: "Uses of the Past". The innovative projects funded will fundamentally link past(s), present and future(s) creating valuable new knowledge that gives insights into the forces shaping the social, cultural and political transformation in Europe today.

The HERA JRP UP will also pursue additional activities aiming at international capacity-building in humanities research, promoting embedding of humanities researchers in Horizon 2020, and will explore and prepare new joint actions.

Twenty-four organisations from 23 countries have pooled a substantial amount of their humanities research funding (21 M EUR) for this HERA JRP, thus increasing the efficiency and impact of public funding. The HERA JRP UP involves the launch of a joint Call for Proposals and a commonly-agreed two-stage evaluation process involving an independent, international Review Panel. The consortium expects to fund 21 transnational humanities centred projects of ~1.2 M EUR each. EC support is awarded to the level of 33% of the joint call budget. The HERA JRP UP consortium will actively support knowledge exchange activities and stimulate wider dissemination about the valuable contributions of new humanities research.

With this large transnational JRP and its associated activities the HERA JRP UP will mobilise the intellectual energies and collaborative potential of a wide range of humanities disciplines, and further develop the knowledge base of the European Research Area by sharing and debating interpretations of the human past and its relation to the present and future. While this proposal is for the delivery of the "Uses of the Past" programme, the wider vision of a collaborative, multi-disciplinary and impact-rich humanities sector across Europe is at the forefront of our collective endeavour.

<p>Project Reference: 649307</p> <p>Website: http://heranet.info/hera-irp-documents-1</p> <p>EU contribution: EUR 6509277</p> <p>From: 2015 to 2019</p> <p>Topic: REFLECTIVE-1-2014</p> <p>Project coordinator: NEDERLANDSE ORGANISATIE VOOR WETENSCHAPPELIJK ONDERZOEK, NL</p>	<p>Project Partners:</p> <p>AGENCE NATIONALE DE LA RECHERCHE, FR</p> <p>AKADEMIE VED CESKE REPUBLIKY, CZ</p> <p>AN TUDARAS UM ARD OIDEACHAS, IE</p> <p>CONSIGLIO NAZIONALE DELLE RICERCHE, IT</p> <p>DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV, DE</p> <p>FONDS NATIONAL DE LA RECHERCHE, LU</p> <p>FONDS NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR</p> <p>FONDS VOOR WETENSCHAPPELIJK ONDERZOEK-VLAANDEREN, BE</p> <p>FONDS ZUR FÖRDERUNG DER WISSENSCHAFTLICHEN FORSCHUNG, AT</p> <p>FUNDACAO PARA A CIENCIA E A TECNOLOGIA, PT</p> <p>HRVATSKA AKADEMIJA ZNANOSTI I UMJETNOSTI, HR</p> <p>LIETUVOS MOKSLO TARYBA, LT</p> <p>MINISTERIO DE ECONOMIA Y COMPETITIVIDAD, ES</p>	<p>MINISTRSTVO ZA IZOBRAZEVANJE, ZNANOST IN SPORT, SI</p> <p>NARODOWE CENTRUM NAUKI, PL</p> <p>NEDERLANDSE ORGANISATIE VOOR WETENSCHAPPELIJK ONDERZOEK, NL</p> <p>NORGES FORSKNINGSRAD, NO</p> <p>SCHWEIZERISCHER NATIONALFONDS ZUR FORDERUNG DER WISSENSCHAFTLICHEN FORSCHUNG, CH</p> <p>SIHTASUTUS EESTI TEADUSAGENTUUR, EE</p> <p>STYRELSEN FOR FORSKNING OG INNOVATION, DK</p> <p>SUOMEN AKATEMIA, FI</p> <p>THE ARTS AND HUMANITIES RESEARCH COUNCIL, UK</p> <p>THE ICELANDIC CENTRE FOR RESEARCH, IS</p> <p>VALSTS IZGLITIBAS ATTISTIBAS AGENTURA, LV</p> <p>VETENSKAPSRADET - SWEDISH RESEARCH COUNCIL, SE</p>
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CoHERE

Critical Heritages: performing and representing identities in Europe

CoHERE explores the ways in which identities in Europe are constructed through heritage representations and performances that connect to ideas of place, history, tradition and belonging. The research identifies existing heritage practices and discourses in Europe. It also identifies means to sustain and transmit European heritages that are likely to contribute to the evolution of inclusive, communitarian identities and counteract disaffection with, and division within, the EU. A number of modes of representation and performance are explored in the project, from cultural policy, museum display, heritage interpretation, school curricula and political discourse to music and dance performances, food and cuisine, rituals and protest. Across an experienced, multidisciplinary consortium we take various theoretical and methodological approaches to these. Relevance to the work programme is ensured through key approaches, which are: 1) the relational study of productions and experiences of heritage at institutional, social and personal levels, including research into people's activities and attitudes; 2) research by practice and the provision of public-facing dissemination activities; and 3) the critically-informed development of instruments (e.g. models for policy, curricula, museum and heritage practice) intended to promote reflection on and valorisation of European heritages and to engender socially-inclusive attitudes. The project is multidisciplinary, including museum, heritage and memory studies, cultural history, education, musicology, ethnology, political science, archaeology, ethno linguistics and digital interaction design. The consortium comprises 12 partners over 9 countries, including universities, an SME, two museums and a cultural network. The research covers diverse European territories and realities comparatively and in depth.

<p>Project Reference: 693289</p> <p>Website: https://research.ncl.ac.uk/cohere/</p> <p>EU contribution: EUR 2 499 651</p> <p>From: 2016 to 2019</p> <p>Topic: REFLECTIVE-2-2015</p> <p>Project coordinator: UNIVERSITY OF NEWCASTLE UPON TYNE, UK</p>	<p>Project Partners:</p> <p>AARHUS UNIVERSITET, DK</p> <p>ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA, IT</p> <p>COPENHAGEN INSTITUTE OF INTERACTION DESIGN, DK</p> <p>ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON, EL</p> <p>EUROPEES NETWERK CULTURELE CENTRA IVZW, BE</p> <p>HERIOT-WATT UNIVERSITY, UK</p> <p>ISTANBUL BILGI UNIVERSITESI, TR</p> <p>LATVIJAS KULTURAS AKADEMIJA, LV</p> <p>MUZEUM HISTORII ZYDOW POLSKICH, PL</p> <p>STICHTING NATIONAAL MUSEUM VAN WERELDCULTUREN, NL</p> <p>UNIVERSITEIT VAN AMSTERDAM, NL</p>	
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SIGN-HUB

The Sign Hub: preserving, researching and fostering the linguistic, historical and cultural heritage of European Deaf signing communities with an integral resource

SIGN-HUB aims to provide the first comprehensive response to the societal and scientific challenge resulting from generalized neglect of the cultural and linguistic identity of signing Deaf communities in Europe. It will provide an innovative and inclusive resource hub for the linguistic, historical and cultural documentation of the Deaf communities' heritage and for sign language assessment in clinical intervention and school settings. To this end, it will create an open state-of-the-art digital platform with customized accessible interfaces. The project will initially feed that platform with core content in the following domains, expandable in the future to other sign languages: (i) digital grammars of 6 sign languages, produced with a new online grammar writing tool; (ii) an interactive digital atlas of linguistic structures of the world's sign languages; (iii) online sign language assessment instruments for education and clinical intervention, and (iv) the first digital archive of life narratives by elderly signers, subtitled and partially annotated for linguistic properties. These components, made available for the first time through a centralized platform to specialists and to the general public, will (a) help explore and value the identity and the cultural, historical and linguistic assets of Deaf signing communities, (b) advance linguistic knowledge on the natural languages of the Deaf and (c) impact on the diagnosis of language deficits within these minorities. SIGN-HUB will thus contribute to the dissemination and reuse of those assets in broader contexts, as part of European identity. The project is a critical attempt to rescue, showcase and boost that largely unknown part of our common heritage, as well as to ultimately enhance the full participation of Deaf citizens in all spheres of public life on an equal footing with hearing citizens.

<p>Project Reference: 693349</p> <p>Website: http://www.sign-hub.eu/</p> <p>EU contribution: EUR 2 518 737</p> <p>From: 2016 to 2020</p> <p>Topic: REFLECTIVE-2-2015</p> <p>Project coordinator: UNIVERSIDAD POMPEU FABRA, ES</p>	<p>Project Partners:</p> <p>BOGAZICI UNIVERSITESI, TR</p> <p>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR</p> <p>CONSORZIO INTERUNIVERSITARIO NAZIONALE PER L'INFORMATICA, IT</p> <p>GEORG-AUGUST- UNIVERSITAET GOETTINGEN STIFTUNG OEFFENTLICHEN RECHTS, DE</p> <p>TEL AVIV UNIVERSITY, IL</p> <p>UNIVERSITA CA' FOSCARI VENEZIA, IT</p> <p>UNIVERSITA' DEGLI STUDI DI MILANO-BICOCCA, IT</p> <p>UNIVERSITEIT VAN AMSTERDAM, NL</p> <p>UNIVERSITE PARIS DIDEROT - PARIS 7, FR</p>	
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TRACES

Transmitting Contentious Cultural Heritages with the Arts: From Intervention to Co- Production

Transmitting Contentious Cultural Heritages with the Arts: From Intervention to Co-Production (TRACES) aims to provide new directions for cultural heritage institutions to contribute productively to evolving European identity and reflexive Europeanization. To do so, it deploys an innovative ethnographic/artistic approach, focused on a wide range of types of 'contentious heritage.' Attention to contentious heritage is crucial as it is especially likely to raise barriers to inclusivity and convivial relations, as well as to be difficult to transmit to the public. Transmitted effectively, however, it is potentially especially productive in raising critical reflection and contributing to reflexive Europeanization, in which European identity is shaped by self-awareness and on-going critical reflection.

Through rigorous and creative in-depth artistic/ethnographic research, TRACES will provide a systematic analysis of the challenges and opportunities raised by transmitting contentious, awkward and difficult pasts. It will do so by setting up Creative Co-Productions (CCPs) in which artists, researchers, heritage agencies and stakeholders work together in longer term engagements to collaboratively research selected cases of contentious heritage and develop new participatory public interfaces. These will be documented and analysed, including educational research. These interfaces, which include online as well as physical exhibitions and other formats, are part of the significant output planned for TRACES, along with academic publications and a novel reflective Contentious Heritage Manual that will synthesise results to provide directions for future practical reflexive transmission of cultural heritage in Europe.

TRACES is a multi-disciplinary team, bringing together established and emerging scholars, and providing high-level expertise, relevant experience and creative energy, to provide a rigorous and innovative approach to the transmission of European cultural heritage.

<p>Project Reference: 693857</p> <p>Website: http://www.traces.poli.mi.it/</p> <p>EU contribution: EUR 2 303 858</p> <p>From: 2016 to 2019</p> <p>Topic: REFLECTIVE-2-2015</p> <p>Project coordinator: UNIVERSITAET KLAGENFURT, AT</p>	<p>Project Partners:</p> <p>DRUSTVO ZA DOMACE RAZISKAVE, SI</p> <p>HOSMAN DURABIL, RO</p> <p>HUMBOLDT-UNIVERSITAET ZU BERLIN, DE</p> <p>NATURHISTORISCHES MUSEUM, AT</p> <p>POLITECNICO DI MILANO, IT</p> <p>THE UNIVERSITY OF EDINBURGH, UK</p> <p>UNIVERSITETET I OSLO, NO</p> <p>UNIVERSITY OF ULSTER, UK</p> <p>UNIWERSYTET JAGIELLONSKI, PL</p> <p>ZURCHER HOCHSCHULE DER KUNSTE, CH</p>	
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COHESIFY

The Impact of Cohesion Policy on EU Identification

COHESIFY will assess the contribution of Cohesion policy to citizens' identification with the EU and produce a new strategy to communicate EU Cohesion policy to citizens. It will assess how and to what extent EU Cohesion policy affects citizens' perceptions of and identification with the European Union. The project will focus on three inter-related issues: (1) the identity(ies) of people in EU regions in EU, national, regional and local contexts; (2) the governance, communication and impacts of Cohesion policy, including citizens' perceptions of the policy and identification with the EU, and (3) what is needed to make Cohesion policy more effective in terms of people's perceptions of the policy and the EU more generally. A mixed-methods design will be adopted to study the relationship between Cohesion policy, policy performance and attitudes to the EU, distinguishing between different levels of governance and types of actors—from those involved in programme design and implementation to final beneficiaries and the wider public. The communication channels of Cohesion policy influence will be examined, distinguishing between public communication and political and social communication. COHESIFY will fill a key gap in knowledge for EU and national/regional policymakers and interested stakeholders. The outputs will inform Cohesion policy communication strategies at the EU, Member State and regional levels, enabling communication efforts to adapt to local and regional realities to maximise their impact - to increase the civic appreciation of Cohesion policy and to improve regional policy relevance and efficiency. The Consortium comprises academic institutions and SMEs across a range of EU Member States with complementary disciplinary backgrounds of understanding EU Cohesion policy, complemented by applied SME expertise in communication strategies and tools for engaging with citizens and the various political structures at EU, national, regional and local levels.

<p>Project Reference: 693427</p> <p>Website: http://www.cohesify.eu/</p> <p>EU contribution: EUR 2 446 300</p> <p>From: 2016 to 2018</p> <p>Topic: REFLECTIVE-3-2015</p> <p>Project coordinator: UNIVERSITY OF STRATHCLYDE, UK</p>	<p>Project Partners:</p> <p>KOZEP-EUROPAI EGYETEM, HU</p> <p>OLD-CONTINENT SPRL, BE</p> <p>POLITECNICO DI MILANO, IT</p> <p>REGIO PLUS CONSULTING SL, ES</p> <p>TECHNISCHE UNIVERSITEIT DELFT, NL</p> <p>TECHNOLOGIKO PANEPISTIMIO KYPROU, CY</p> <p>THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN, IE</p> <p>UNIVERSITAET MANNHEIM, DE</p> <p>UNIWERSYTET WARSZAWSKI, PL</p>	
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PERCEIVE

Perception and Evaluation of Regional and Cohesion policies by Europeans and Identification with the Values of Europe

The PERCEIVE (Perception and Evaluation of Regional and Cohesion policies by Europeans and Identification with the Values of Europe) project aims at both mapping and explaining inter- and intra-regional variations in: a) the experiences and results of cohesion policy implementation, b) citizens' awareness and appreciation of EU efforts for delivering cohesion and c) European identities and citizens' identification with the EU. In doing so, PERCEIVE will develop a comprehensive theory of "cohesion in diversity", and use this theory to create a better understanding of the channels through which European policies contribute to create both different local understandings of the EU and different levels of European identification across profoundly different European regions.

In addressing the aim of the project, PERCEIVE contrasts two different perspectives: a rational choice perspective stressing mainly the idea of institutions as "rules of the game" and the calculative rationality of actors as determinants of European identities and identification, and a social constructivist perspective stressing mainly the idea that European identities and identification emerge from a process of "social learning" associated with different institutional discourses.

PERCEIVE relies on a multidisciplinary portfolio of competences bridging socio-political, regional-economic and public-administrative backgrounds. It integrates the use of both qualitative and quantitative analytical methods such as surveys, focus groups, case studies and econometric modelling. In addition, it uses particularly innovative methods such as quantitative discourse analysis to elicit meaning structures in public discourse about the EU, its regional policy and being European. Finally, PERCEIVE will produce a computer simulation environment and embed it into a virtual platform that cohesion policy stakeholders will be able to use and produce what-if analysis and long-term scenario analysis of the effects of policies.

<p>Project Reference: 693529</p> <p>Website: www.perceiveproject.eu</p> <p>EU contribution: EUR 2 499367</p> <p>From: 2016 to 2019</p> <p>Topic: REFLECTIVE-3-2015</p> <p>Project coordinator: ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA, IT</p>	<p>Project Partners:</p> <p>GOETEBORGS UNIVERSITET, SE</p> <p>INSTITUTE OF AGRICULTURAL ECONOMICS, RO</p> <p>INSTYTUT EKONOMIKI ROLNICTWA I GOSPODARKI ZYWNOSCIOWEJ-PANSTWOWY INSTYTUT BADAWCZY, PL</p> <p>SOCIETA'COOPERATIVA BAM! STRATEGIECULTURALI, IT</p> <p>UNIVERSITAT DE BARCELONA, ES</p> <p>UNIVERSITY OF PORTSMOUTH HIGHER EDUCATION CORPORATION, UK</p> <p>WIRTSCHAFTSUNIVERSITAT WIEN, AT</p>	
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COURAGE

Cultural Opposition: Understanding the Cultural Heritage of Dissent in the Former Socialist Countries

The project proposes both to create an electronic registry of representative online and offline, private and public collections of cultural opposition in all former socialist countries in Europe and to study the origins, uses and changing roles of these collections in their social, political and cultural contexts. We seek to further an understanding of how these (private and public, alternative and mainstream) collections work, what functions they serve in their respective societies, and how they represent their holdings to the public. The project will examine the legal and political circumstances that determined the collections before 1989 and the conditions that shape them in the post-socialist period. The analyses of the collections will identify various types of cultural opposition.

Objectives include: 1. an online registry and a transnational database of collections in the original languages and English that will be accessible to European archival platforms and networks; 2. descriptions of and guides to the collections to enhance the quality of research and provide guidance on the role of the EU in this respect; 3. country reports on the collections and proposals concerning methods of preserving cultural heritage, and a handbook on various types of cultural opposition represented by the collections; 4. online curriculum development and digital content for educational purposes; 5. a documentary film festival, traveling and online exhibitions and local media events based on selected collections; 6. a set of recommendations concerning how to exhibit the cultural opposition movements of former socialist countries for the House of European History.

This project will highlight the positive aspects of the former cultural opposition movements, such as democratic participation, autonomy and cultural plurality, and will remind us of an important pan-European truth: that civic courage can produce genuine cultural values even under authoritarian rule.

<p>Project Reference: 692919</p> <p>Website: http://cultural-opposition.eu/</p> <p>EU contribution: EUR 2 484 917</p> <p>From: 2016 to 2019</p> <p>Topic: REFLECTIVE-4-2015</p> <p>Project coordinator: MAGYAR TUDOMANYOS AKADEMIA BOLCSESZETTUDOMANYI KUTATOKOZPONT, HU</p>	<p>Project Partners:</p> <p>HRVATSKI INSTITUT ZA POVIJEST, HR</p> <p>INSTYTUT FILOZOFII I SOCJOLOGII POLSKIEJ AKADEMII NAUK, PL</p> <p>LIETUVOS ISTORIJOS INSTITUTAS, LT</p> <p>MAGYAR TUDOMANYOS AKADEMIA SZAMITASTECHNIKAI ES AUTOMATIZALASI KUTATOINTEZET, HU</p> <p>MAGYAR TUDOMANYOS AKADEMIA TARSADALOMTUDOMANYI KUTATOKOZPONT, HU</p> <p>STIFTUNG ZUR ERFORSCHUNG VON OST- UND SUEDOSTEUROPA, DE</p> <p>THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD, UK</p> <p>THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN, IE</p> <p>UNIVERSITATEA DIN BUCURESTI, RO</p> <p>UNIVERZITA KARLOVA V PRAZE, CZ</p>	<p>UNIVERZITA KOMENSKÉHO V BRATISLAVE, SK</p>
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UNREST

Unsettling Remembering and Social Cohesion in Transnational Europe

The main purpose of this project is to deliver new empirical yet also theoretically informed knowledge of those memory agents, practices and contexts capable of countering fixed and essentialist war and conflict memories, opening them to reflexive reinterpretation and change. Theoretically, the project will develop the concept of an agonistic ethico-political mode of remembering as distinct from the antagonistic and cosmopolitan modes, and provide a thick description of their defining characteristics. A related aim is to assess which of the two reflective modes, the cosmopolitan or the agonistic, best contributes to a shared European ethico-political framework and transnational solidarity.

Empirically, the project will test the different ethico-political modes of remembering in contemporary heritage discourses and practices by different memory milieus located at various territorial scales in relation to some of the armed conflicts of the 20th century with an enduring legacy. By exploring the relationship between 1) the modes of remembering being negotiated and contested in various European settings; 2) the memory agents promoting them (heritage professionals, policy-makers, historians, creative artists, socio-political activists); and 3) material and immaterial heritage (museums, burial sites, media, visual and written culture), the project will assess how, why and in which contexts certain modes of remembering the violent past are able to prevail as well as their articulation with various territorial identities.

<p>Project Reference: 693523</p> <p>Website: www.unrest.eu</p> <p>EU contribution: EUR 2 489 648</p> <p>From: 2016 to 2019</p> <p>Topic: REFLECTIVE-5-2015</p> <p>Project coordinator: RUHR-UNIVERSITAET BOCHUM, DE</p>	<p>Project Partners:</p> <p>AARHUS UNIVERSITET, DK</p> <p>AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES</p> <p>MAMBRINO SL, ES</p> <p>POLSKA AKADEMIA NAUK, PL</p> <p>STIFTUNG ZOLLVEREIN, DE</p> <p>UNIVERSITY OF BATH, UK</p>	
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CROSSCULT

CrossCult: Empowering reuse of digital cultural heritage in context-aware crosscuts of European history

CROSSCULT aims to make reflective history a reality in the European cultural context, by enabling the re-interpretation of European (hi)stories through cross-border interconnections among cultural digital resources, citizen viewpoints and physical venues. The project has two main goals. The first goal is to lower cultural EU barriers and create unique cross-border perspectives, by connecting existing digital historical resources and by creating new ones through the participation of the public. The second goal is to provide long-lasting experiences of social learning and entertainment that will help towards the better understanding and re-interpretation of European history. To achieve these goals, CROSSCULT will use cutting-edge technology to connect existing digital cultural assets and to combine them with interactive experiences that all together are intended to increase retention, stimulate reflection and help European citizens appreciate their past and present in a holistic manner. CROSSCULT will be implemented on 4 real-world flagship pilots involving a total of 8 sites across Europe. It will be realized through the participation of 11 partners and 14 associate partners including computer scientists, social sciences and humanity researchers, historians and private companies, from 7 European countries. The project will ensure continuous stakeholder involvement through a Living Lab and it will be supported by a concrete business plan. CROSSCULT is directly related to the work program since, on the one hand it re-purposes the use of digital cultural assets to stimulate a new shared culture of European history, one that moves from silos to unification, and on the other hand it boosts the development of new businesses that exploit the rich European digital cultural heritage.

<p>Project Reference: 693150</p> <p>Website: http://www.crosscult.eu</p> <p>EU contribution: EUR 3 503 358</p> <p>From: 2016 to 2019</p> <p>Topic: REFLECTIVE-6-2015</p> <p>Project coordinator: LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY, LU</p>	<p>Project Partners:</p> <p>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR</p> <p>CENTRE VIRTUEL DE LA CONNAISSANCE SUR L'EUROPE, LU</p> <p>GVAM GUIAS INTERACTIVAS SL, ES</p> <p>INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR</p> <p>TECHNOLOGIKO EKPAIDEFTIKO IDRYMA ATHINAS, EL</p> <p>THE NATIONAL GALLERY, UK</p> <p>UNIVERSIDAD DE VIGO, ES</p> <p>UNIVERSITA DEGLI STUDI DI PADOVA, IT</p> <p>UNIVERSITA TA MALTA, MT</p> <p>UNIVERSITE DE LORRAINE, FR</p> <p>UNIVERSITY COLLEGE LONDON, UK</p> <p>UNIVERSITY OF PELOPONNESE, EL</p>	
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ARCHES

Accessible Resources for Cultural Heritage EcoSystems

The popularisation of digitisation techniques has boosted the generation of digital cultural heritage assets in recent years. However, such techniques should not be regarded as an end in and of themselves, but as a means for enabling European citizens to engage with cultural heritage more closely and in different ways.

ARCHES aims to create more inclusive cultural environments particularly for those with differences and difficulties associated with perception, memory, cognition and communication. It will achieve this through in-depth research analysis and the development of innovative applications, functionalities and experiences based on the reuse and redevelopment of the aforementioned digital resources.

Our participatory research methodology situates real user needs at the heart of an iterative design and implementation process, through their active involvement in 3 pilot exercises. This will also facilitate the validation of potential solutions in scenarios at 6 museums, as well as engagement with broader audiences (e.g. children, the elderly, and other potentially marginalised groups) and extension to other sectors, mainly education and tourism.

The online accessible software platform, applications for handheld devices and multisensory activities will form the basis of a technical approach that will exploit state of the art technologies – e.g. augmented reality, avatars, relief printers and models, context-sensitive tactile audio guides, metadata and advanced image processing techniques – to underpin the generation of a dynamic ecosystem. In this framework, museums will play an important role by adapting content and reinterpreting cultural heritage in manners most suitable for target groups.

Our interdisciplinary consortium – involving academia, SMEs, research centres and museums – will focus on ensuring widespread communication and exploitation, stimulating cross-border collaboration to address a challenge common across Europe.

<p>Project Reference: 693229</p> <p>Website: www.arches-project.eu</p> <p>EU contribution: EUR 3 399 249</p> <p>From: 2016 to 2019</p> <p>Topic: REFLECTIVE-6-2015</p> <p>Project coordinator: TREELOGIC TELEMATICA Y LOGICA RACIONAL PARA LA EMPRESA EUROPEA SL, ES</p>	<p>Project Partners:</p> <p>CENTRO REGIONAL DE BELLAS ARTES DE OVIEDO, ES</p> <p>COPRIX MEDIA DOO BEOGRAD-STARI GRAD, RS</p> <p>FUNDACION COLECCION THYSSEN-BORNEMISZA, ES</p> <p>FUNDACION LAZARO GALDIANO, ES</p> <p>KHM-MUSEUMSVERBAND, AT</p> <p>NEUMULLER MORITZ, AT</p> <p>SIGN TIME GMBH, AT</p> <p>THE OPEN UNIVERSITY, UK</p> <p>THE WALLACE COLLECTION, UK</p> <p>UNIVERSITY OF BATH, UK</p> <p>VICTORIA AND ALBERT MUSEUM, UK</p> <p>VRVIS ZENTRUM FUR VIRTUAL REALITY UND VISUALISIERUNG FORSCHUNGS-GMBH, AT</p>	
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ArchAIDE

Archaeological Automatic Interpretation and Documentation of cERamics

The objectives of ArchAIDE are to support the classification and interpretation work of archaeologists with innovative computer-based tools, able to provide the user with features for the semi-automatic description and matching of potsherds over the huge existing ceramic catalogues. Pottery classification is of fundamental importance for the comprehension and dating of the archaeological contexts, and for understanding production, trade flows and social interactions, but it requires complex skills and it is a very time consuming activity, both for researchers and professionals. This tool would revolutionise archaeologists habits, behaviours and expectations, would meet real user needs and generate economic benefits, reducing time and costs, would create societal benefits from cultural heritage, improving access, re-use and exploitation of the digital cultural heritage in a sustainable way.

These objectives will be achieved through the development of:

- an as-automatic-as-possible procedure to transform the paper catalogues in a digital description, to be used as a data pool for search and retrieval process;
 - a tool (mainly designed for mobile devices) that will support archaeologists in recognising and classifying potsherds during excavation and post-excavation analysis, through an easy-to-use interface and efficient algorithms for characterization, search and retrieval of the visual/geometrical correspondences;
 - an automatic procedure to derive a complete potsherd's identity card by transforming the data collected into a formatted electronic document, printable or visual;
 - a web-based real-time data visualization to improve access to archaeological heritage and generate new understanding;
 - an open archive to allow the archival and re-use of archaeological data, transforming them into common heritage and permitting economic sustainability.
- Those instruments will be tested and assessed on real-cases scenarios, paving the way to future exploitation.

<p>Project Reference: 693548</p> <p>Website: www.archaide.eu</p> <p>EU contribution: EUR 2 460 376</p> <p>From: 2016 to 2019</p> <p>Topic: REFLECTIVE-6-2015</p> <p>Project coordinator: UNIVERSITA DI PISA, IT</p>	<p>Project Partners:</p> <p>BARAKA ARQUEOLOGOS S.L., ES</p> <p>CONSIGLIO NAZIONALE DELLE RICERCHE, IT</p> <p>ELEMENTS CENTRO DE GESTIO I DIFUSIO DE PATRIMONI CULTURAL, ES</p> <p>INERA SRL, IT</p> <p>TEL AVIV UNIVERSITY, IL</p> <p>UNIVERSITAET ZU KOELN, DE</p> <p>UNIVERSITAT DE BARCELONA, ES</p> <p>UNIVERSITY OF YORK, UK</p>	
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I-Media-Cities

Innovative e-environment for Research on Cities and the Media

I-Media-Cities is the initiative of 9 European Film Libraries, 5 research institutions, 2 technological providers and a specialist of digital business models to share access to and valorise audiovisual (AV) content from their collections for research purposes in a wide range of social sciences (sociology, anthropology, urban planning, etc). The project revolves around cities in European history and identity. A huge quantity of fictional and non-fictional AV works (from the end of the 19th century onwards) in their collections describe cities in all aspects, including physical transformation and social dynamics. Such material could prove of enormous value to scholars in different fields of study. I-Media-Cities plans integration and technical development work to push interoperability among 9 archives and generate two types of e-environments to be used by researchers and innovators for research and other creative purposes. This will allow new approaches to research in social sciences and unleash creativity, in new forms of delivery and consumption of that content which the creative industry would be able to propose for instance in tourism or in the cultural economy. To make that possible, the project relies on collaboration among three main components: a) FHI (Film Holding Institutions); b) research institutions in different areas of social sciences; c) expertise in exploitation processes of digital content. At the end of the project, we will deliver a digital content access platform (interoperable and multilingual), made available to a growing community of researchers and creatives Europe-wide to push the boundaries of what we can learn, through AV material on cities, on European history and identity. The legacy of I-Media-Cities will be a new model for research on digital sources (applicable also to other subject areas), plus appropriate exploitation plans to consolidate and expand the platform into the European reference initiative on AV digital content.

<p>Project Reference: 693559</p> <p>Website: www.imediacities.eu</p> <p>EU contribution: EUR 3 349 787</p> <p>From: 2016 to 2019</p> <p>Topic: REFLECTIVE-6-2015</p> <p>Project coordinator: CINEMATHEQUE ROYALE DE BELGIQUE, BE</p>	<p>Project Partners:</p> <p>ARCHEIA TAINION TIS ELLADOS TAINIOTHIKI TIS ELLADOS, EL</p> <p>CONSORZIO INTERUNIVERSITARIO CINECA, IT</p> <p>DET DANSKE FILMINSTITUT*DANISH FILMINSTITUTE, DK</p> <p>DEUTSCHES FILMINSTITUT - DIF EV, DE</p> <p>ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON, EL</p> <p>FONDAZIONE CINETECA DI BOLOGNA, IT</p> <p>FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE</p> <p>IMINDS, BE</p> <p>INSTITUT CATALA DE LES EMPRESSES CULTURALS, ES</p> <p>ISTITUTO PER I BENI ARTISTICI CULTURALI E NATURALI DELLA REGIONE EMILIA ROMAGNA, IT</p> <p>MUSEO NAZIONALE DEL CINEMA - FONDAZIONE MARIA ADRIANA PROLO - ARCHIVI DI CINEMA, FOTOGRAFIA ED IMMAGINE, IT</p>	<p>OSTERREICHISCHES FILMMUSEUM VEREIN, AT</p> <p>STIFTELSEN SVENSKA FILMINSTITUTET, SE</p> <p>STOCKHOLMS UNIVERSITET, SE</p> <p>UNIVERSITAT DE BARCELONA, ES</p> <p>URBAN CENTER METROPOLITANO, IT</p>
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DigiArt

The Internet Of Historical Things And Building New 3D Cultural Worlds

DigiArt seeks to provide a new, cost efficient solution to the capture, processing and display of cultural artefacts. It offers innovative 3D capture systems and methodologies, including aerial capture via drones, automatic registration and modelling techniques to speed up post-capture processing (which is a major bottleneck), semantic image analysis to extract features from digital 3D representations, a “story telling engine” offering a pathway to a deeper understanding of art, and also augmented/virtual reality technologies offering advanced abilities for viewing, or interacting with the 3D models.

The 3D data captured by the scanners and drones, using techniques such as laser detection and ranging (LIDAR), are processed through robust features that cope with imperfect data. Semantic analysis by automatic feature extraction is used to form hyper-links between artefacts. These links are employed to connect the artefacts in what the project terms “the internet of historical things”, available anywhere, at any time, on any web-enabled device. The contextual view of art is very much enhanced by the “story telling engine” that is developed within the project. The system presents the artefact, linked to its context, in an immersive display with virtual and/or with augmented reality. Linkages and information are superimposed over the view of the item itself.

The major output of the project is the toolset that will be used by museums to create such a revolutionary way of viewing and experiencing artefacts. These tools leverage the interdisciplinary skill sets of the partners to cover the complete process, namely data capture, data processing, story building, 3D visualization and 3D interaction, offering new pathways to deeper understanding of European culture. Via its three demonstration activities, the project establishes the viability of the approach in three different museum settings, offering a range of artefacts posing different challenges to the system.

<p>Project Reference: 665066</p> <p>Website: http://digiart-project.eu</p> <p>EU contribution: EUR 2 456 550</p> <p>From: 2015 to 2018</p> <p>Topic: REFLECTIVE-7-2014</p> <p>Project coordinator: LIVERPOOL JOHN MOORES UNIVERSITY, UK</p>	<p>Project Partners:</p> <p>ARCHEOLOGIE ANDENNAISE, BE</p> <p>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR</p> <p>ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS, EL</p> <p>HELLENIC MINISTRY OF CULTURE, EDUCATION AND RELIGIOUS AFFAIRS, EL</p> <p>PIX4D SA, CH</p> <p>UNIVERSITE DE NICE SOPHIA ANTIPOLIS, FR</p> <p>VULCANUAV LIMITED, UK</p>	
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Scan4Reco

Multimodal Scanning of Cultural Heritage Assets for their multilayered digitization and preventive conservation via spatiotemporal 4D Reconstruction and 3D Printing

Scan4Reco will develop a novel portable, integrated and modular solution for customized and thus cost-effective, automatic digitization and analysis of cultural heritage objects (CHOs), even in situ.

A multi-sensorial 3D scanning - facilitated by a mechanical arm - will collect multi-spectra data and then, a hierarchical approach for 3D reconstruction of CHOs will be applied, enabling multi-layered rendering, advancing both analysis and 3D printing procedures. The goal will be to create highly accurate digital surrogates of CHOs, providing also detailed insight over their surface and also the volumetric structure, material composition and shape/structure of underlying materials, enabling rendering either via visualization techniques or via multi-material 3D printing.

Material analyses will be applied, to understand the heterogeneous nature and complex structures of CHOs, to identify the broad and varied classes of materials and to understand their degradation mechanisms over time, deriving context-dependant ageing models per material. Uni-material models will be spatiotemporally simulated, based on environmental phenomena modeling, so as to collectively render imminent degradation effects on the multi-material CHOs, enabling prediction and recreation of their future appearance, as well as automatic restoration, reaching even back to their original shape. Scan4Reco will further facilitate conservation, by indicating spots/segments of cultural objects that are in eminent conservation need and require special care, while suggestions will be provided by a dedicated Decision Support System (DSS), over conservation methods that should be followed.

All the above will be validated on real case scenarios involving heterogeneous objects of various sizes and materials, in 2 pilot real-world use cases. To enhance the accessibility of the digitized cultural objects to the scientific community, field experts and the general public, a virtual model of a museum will be launched.

<p>Project Reference: 665091</p> <p>Website: www.scan4reco.eu</p> <p>EU contribution: EUR 3 417 762</p> <p>From: 2015 to 2018</p> <p>Topic: REFLECTIVE-7-2014</p> <p>Project coordinator: ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS, EL</p>	<p>Project Partners:</p> <p>AVASHA AG, CH</p> <p>B & W TEK EUROPE GMBH, DE</p> <p>CENTRO DI RICERCA SVILUPPO E STUDI SUPERIORI IN SARDEGNA SOCIETA' A RESPONSABILITA' LIMITATA, IT</p> <p>FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE</p> <p>IDRYMA ORMYLIA, EL</p> <p>OPIFICIO DELLE PIETRE DURE, IT</p> <p>RESEARCH FOR SCIENCE, ART AND TECHNOLOGY (RFSAT) LTD, UK</p> <p>UNIVERSITA DEGLI STUDI DI VERONA, IT</p>	
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GRAVITATE

Geometric Reconstruction And noVel semantic reunificaTion of culturAl heriTage objEcts

The overall objectives of the GRAVITATE project are to create a set of software tools that will allow archaeologists and curators to reconstruct shattered or broken cultural objects, to identify and re-unify parts of a cultural object that has been separated across collections and to recognise associations between cultural artefacts that will allow new knowledge and understanding of past societies to be inferred. The project involves, as partners, a world-renowned museum, an archaeology institute, and research partners working in the manipulation of 3-D objects, semantic analysis and ICT integration. The project is driven by the needs of the archaeological institutes, exemplified by a pertinent use case, the Salamis collection shared between Cyprus and the British Museum. Expertise in 3-D scanning from previous project experience enables the partners to embark on a programme of geometrical feature extraction and matching on the one hand, and semantic annotation and matching on the other. The integration of these approaches into a single decision support platform, with a full suite of visualisation tools will provide a unique resource for the cultural heritage research community. We anticipate that the insights to be gained from the use of these tools will lead to faster and more accurate reconstruction of cultural heritage objects for study and exhibition, to greater opportunities for reunification of objects between collections and greater insights into relationships between past societies which can be communicated as coherent narratives to the public through new forms of virtual and tangible displays, involving the reconstructed objects themselves as well as 3-D printed objects and digital visualisations.

<p>Project Reference: 665155</p> <p>Website: http://gravitate-project.eu</p> <p>EU contribution: EUR 2 593 440</p> <p>From: 2015 to 2018</p> <p>Topic: REFLECTIVE-7-2014</p> <p>Project coordinator: UNIVERSITY OF SOUTHAMPTON, UK</p>	<p>Project Partners:</p> <p>BRITISH MUSEUM, UK</p> <p>CONSIGLIO NAZIONALE DELLE RICERCHE, IT</p> <p>TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY, IL</p> <p>TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD, IL</p> <p>THE CYPRUS INSTITUTE LIMITED, CY</p> <p>UNIVERSITEIT VAN AMSTERDAM, NL</p> <p>UNIVERSITY OF HAIFA, IL</p>	
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INCEPTION

Inclusive Cultural Heritage in Europe through 3D semantic modelling

INCEPTION realises innovation in 3D modelling of cultural heritage through an inclusive approach for time-dynamic 3D reconstruction of artefacts, built and social environments. It enriches the European identity through understanding of how European cultural heritage continuously evolves over long periods of time. INCEPTION's Inclusive approach comprises: time dynamics of 3D reconstruction ('forever'); addresses scientists, engineers, authorities and citizens ('for everybody'); and provides methods and tools applicable across Europe ('from everywhere').

INCEPTION solves the shortcomings of state-of-the-art 3D reconstruction by significantly enhancing the functionalities, capabilities and cost-effectiveness of instruments and deployment procedures for 3D laser survey, data acquisition and processing. It solves the accuracy and efficiency of 3D capturing by integrating Geospatial Information, Global and Indoor Positioning Systems (GIS, GPS, IPS) both through hardware interfaces as well as software algorithms.

INCEPTION methods and tools will result in 3D models that are easily accessible for all user groups and interoperable for use by different hardware and software. It develops an open-standard Semantic Web platform for Building Information Models for Cultural Heritage (HBIM) to be implemented in user-friendly Augmented Reality (VR and AR) operable on mobile devices.

INCEPTION collaborative research and demonstration involves all disciplines (both social and technical sciences), technologies and sectors essential for creation and use of 3D models of cultural heritage. SMEs are the thrust of INCEPTION consortium that will bring the innovation into creative industries of design, manufacturing and ICT. The Consortium is fully supported by a Stakeholder Panel that represents an international organisation (UNESCO), European and national public institutions, and NGOs in all fields of cultural heritage.

<p>Project Reference: 665220</p> <p>Website: http://www.inception-project.eu/</p> <p>EU contribution: EUR 3 990 205</p> <p>From: 2015 to 2019</p> <p>Topic: REFLECTIVE-7-2014</p> <p>Project coordinator: UNIVERSITA DEGLI STUDI DI FERRARA, IT</p>	<p>Project Partners:</p> <p>13 BIS CONSULTING, FR</p> <p>CONSORZIO FUTURO IN RICERCA, IT</p> <p>DEMO CONSULTANTS BV, NL</p> <p>DIMITRIOS KARADIMAS, EL</p> <p>FUNDACION CARTIF, ES</p> <p>LENZE-LUIG 3-L-PLAN GBR, DE</p> <p>NATIONAL TECHNICAL UNIVERSITY OF ATHENS – NTUA, EL</p> <p>NEMORIS SRL, IT</p> <p>RDF OOD AR DI EF, BG</p> <p>SVEUCILISTE U ZAGREBU GRADEVINSKI FAKULTET, HR</p> <p>TECNOLOGIKO PANEPISTIMIO KYPROU, CY</p> <p>UNIVERZA V LJUBLJANI, SI</p> <p>ZOLLER & FROHLICH GMBH, DE</p>	
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DANDELION

Promoting EU-funded projects of inclusive, innovative and reflective societies

Dandelion will promote the work done by inclusive, innovative and reflective societies' projects on a local, regional and European level by developing and implementing a series of innovative and exciting communications activities aiming to inform, educate and entertain a wide cross section of the European population, policy makers, academics and media. By placing European economic and financial reform, the problems young people face in Europe, cultural heritage, European values and diversities, the EU's role as a global actor and the new forms of public sector innovation at the heart of these activities, by involving established science educators, by creating clear lines of communication between projects and named mass media and by utilising novel communications, Dandelion will ensure that inclusive, innovative and reflective societies' ambitious philosophy is given the highest profile. By giving tools and guidelines to the dissemination managers towards general public, policy makers, academia and media Dandelion will guarantee an improved access to research projects' data in the future.

<p>Project Reference: 693796</p> <p>Website: http://www.dandelion-europe.eu</p> <p>EU contribution: EUR 979 438</p> <p>From: 2016 to 2018</p> <p>Topic: REFLECTIVE-8-2015</p> <p>Project coordinator: Q-PLAN INTERNATIONAL ADVISORS EPE, EL</p>	<p>Project Partners:</p> <p>CIVITTA EESTI AS, EE</p> <p>FVA SAS DI LOUIS FERRINI & C, IT</p> <p>GLOBAZ, S.A., PT</p> <p>INSIGHT PUBLISHERS LIMITED, UK</p> <p>JOHANN WOLFGANG GOETHE UNIVERSITAET FRANKFURT AM MAIN, DE</p> <p>PEDAL CONSULTING SRO, SK</p>	
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CULTURALBASE

Social Platform on Cultural Heritage and European Identities

The CulturalBase social platform has the objective to identify and analyse some of the main debates and controversies around culture, in particular in relation to Heritage and European Identities.

The specific objectives of the project:

- To make an extensive analysis of the research literatures and policy programmes in the general field of cultural heritage and European identities.
- To identify main research issues and policy programmes in this field and to contrast between the kind of research done and the policies developed.
- To produce general overviews on the research priorities and opportunities in relation with cultural heritage and European identities from three basic analytic perspectives: cultural memory, cultural inclusion and cultural creativity.
- To develop a shared view within the social platform on the most important and policy relevant research issues in this field for Europe in the coming years and the best way to address them.
- To produce strategic research agendas on cultural heritage and European identities from the three aforementioned analytic perspectives stemming from the shared views.
- To produce general policy guidelines in this domain from these same perspectives, especially in relation with information systems and research policy.

<p>Project Reference: 649454</p> <p>Website: http://culturalbase.eu/</p> <p>EU contribution: EUR 1 039 266</p> <p>From: 2015 to 2017</p> <p>Topic: REFLECTIVE-9-2014</p> <p>Project coordinator: UNIVERSITAT DE BARCELONA, ES</p>	<p>Project Partners:</p> <p>EUROPEAN UNIVERSITY INSTITUTE, IT</p> <p>FUNDACIO INTERARTS PER A LA COOPERACIO CULTURAL INTERNACIONAL, ES</p> <p>KOZEP-EUROPAI EGYETEM, HU</p> <p>UNIVERSITE PARIS I PANTHEON-SORBONNE, FR</p> <p>UNIVERSITY OF GLASGOW, UK</p> <p>UNIVERSITY OF SUSSEX, UK</p>	
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ACCOMPLISSH

ACCOMPLISSH

Accelerate co-creation by setting up a multi-actor platform for impact from Social Sciences and Humanities

Traditional valorisation approaches focus on linear processes: from academia to society. In order to bring valorisation to a higher level, all relevant actors need to cooperate in an equal setting: co-creation. Co-creation transcends boundaries, but it does not happen naturally. Therefore, the ACCOMPLISSH consortium, consisting of 14 universities from 12 countries (representing all the sub disciplines in SSH), will actively involve the other partners from the so called Quadruple Helix (industry, governments and societal partners) within the project. The project has chosen an Open Innovation approach.

The ACCOMPLISSH project (Accelerate co-creation by setting up a multi-actor platform for impact from Social Sciences and Humanities) will create a platform for dialogue where not only universities are involved. The dialogue platform is organised in such a way that academia, industry, governments and societal partners equally contribute in identifying barriers and enablers of co-creation. The results from both practice and the theory of co-creation form the basis of the valorisation concept and will be tested in the project in a quadruple helix setting. This concept will be tested and developed in such a way that it is transferable, scalable and customized for academia, industry, governments and societal partners in the whole of Europe.

The impact profile of SSH research could be far stronger and more visible than it currently is. There are significant barriers to the valorisation of SSH research which still need to be understood in detail. In order to push the envelope within universities, we acknowledge that next to SSH researchers, the research support officers are key players in valorisation of SSH research. The project will identify all barriers and enablers of co-creation in order to develop an innovative valorisation concept, which will foster knowledge exchange within the quadruple helix and strengthens the position of SSH research.

<p>Project Reference: 693477</p> <p>Website: www.accomplish.eu</p> <p>EU contribution: EUR 1 898 412</p> <p>From: 2015 to 2019</p> <p>Topic: REFLECTIVE-11-2015</p> <p>Project coordinator: RIJKSUNIVERSITEIT GRONINGEN, NL</p>	<p>Project Partners:</p> <p>AALBORG UNIVERSITET, DK</p> <p>CENTRO DE ESTUDOS SOCIAIS, PT</p> <p>DEBRECENI EGYETEM, HU</p> <p>GEORG-AUGUST- UNIVERSITAET GOETTINGEN STIFTUNG OEFFENTLICHEN RECHTS, DE</p> <p>HOGSKOLAN DALARNA, SE</p> <p>SVEUCILISTE U ZAGREBU FILOZOFSKI FAKULTET, HR</p> <p>TALLINN UNIVERSITY, EE</p> <p>TARTU ULIKOOL, EE</p> <p>UNIVERSITA DEGLI STUDI DI CAGLIARI, IT</p> <p>UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA, IT</p> <p>UNIVERSITA DEGLI STUDI ROMA TRE, IT</p> <p>UNIVERSITAT DE BARCELONA, ES</p> <p>UNIVERSITEIT GENT, BE</p> <p>UNIVERSITY OF GLASGOW, UK</p> <p>UNIVERSITY OF NEWCASTLE UPON TYNE, UK</p>	
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REACH

Re-designing access to CH for a wider participation in preservation, (re)use and management of European culture

The three-year REACH project will establish a Social Platform as a sustainable space for meeting, discussion and collaboration by a wide-ranging network of development bodies, tourism, education, creative industries, cultural heritage professionals, academic experts, arts practitioners, professionals in archives and galleries, associations and interest groups representative of non-professionals and local societies, and policy-makers – all those with a stake in research in the field of culture and CH.

The REACH Social Platform's activities will have a twofold scope:

- Support: to map and provide analysis of research results achieved in previous programmes, to identify current and emerging research trends, and to offer authoritative new knowledge of the CH field to the European Commission and policy makers;
- Coordination: to offer benefits to its participants, expanding knowledge of complementary research domains, and of new participatory research methodologies, generating opportunities for cooperation, offering pathways to wider user engagement with research outputs.

In the context of radical social changes taking place at global levels, Europe faces a serious challenge: the need for its citizens to live together in peace and mutual respect and to value and enjoy the diversity of cultures, which they bring to their respective societies. The REACH project is based on the proposition that CH plays an important role in contributing to social integration in Europe, and that a fuller and more detailed picture of the range, type and impact of research and participatory research methodologies, current and future, associated with these subjects will further enhance their potential for social good.

<p>Project Reference: 769827</p> <p>Website: http://reach-culture.eu/</p> <p>EU contribution: EUR 1 499 981</p> <p>From: 2017 to 2020</p> <p>Topic: CULT-COOP-06-2017</p> <p>Project coordinator: COVENTRY UNIVERSITY, UK</p>	<p>Project Partners:</p> <p>PROMOTER SRL, IT</p> <p>STIFTUNG PREUSSISCHER KULTURBESITZ, DE</p> <p>EOTVOS LORAND TUDOMANYEGYETEM, HU</p> <p>UNIVERSIDAD DE GRANADA, ES</p> <p>UNIVERZITA KARLOVA, CZ</p> <p>MINISTERO DELLO SVILUPPO ECONOMICO, IT</p>	
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ViMM

Virtual Multimodal Museum

Virtual Multimodal Museum (ViMM) proposes a major, high-impact CSA across the field of Virtual Museums (VM), within the overall context of European policy and practice on Virtual Cultural Heritage (VCH). A highly expert seven (7) partner consortium will leverage the support of a unique and powerful Advisory Group, consisting of many of the Europe and the world's leading public and private sector organisations in the field, to define and support high quality policies, strategic and day-to-day decision making, the utilisation of breakthrough technological developments such as VR/AR and to nurture an evidence-based view of growth and development impacted by VM, supported by a set of case studies in culturally-rich regions of South Europe affected by economic recession.

Its work will be founded on building a consensual framework directly involving Europe's leading VM decision-makers and practitioners in defining and resolving existing issues spread across 7 interlinked Thematic Areas ('the 7 Ds'): Definitions – Directions – Documentation – Dimensions – Demand- Discovery - Decisions and will result in wide-reaching stakeholder participation and very high visibility. The latter will be achieved through organisation of key events at policy and practitioner/stakeholder levels, extensive use of the media, and by the introduction of a highly interactive and wide-reaching communication platform, deploying social media and novel approaches to enable focused debate by all interested parties, supported by access to representations of excellence and a decision-support tool for stakeholders.

An initially broad and open approach will be refined through a process of definition, consolidation and resolution activities to arrive at a clear Manifesto and Roadmap for Action on VM, validated at a final ViMM international conference. Measurable impacts will be achieved on the role and capability of VCH – and VM in particular – to meet their enormous potential in society and the economy.

Project Reference: 727107	Project Partners: FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS, EL	
Website: https://www.vi-mm.eu/	7REASONS MEDIEN GMBH, AT	
EU contribution: EUR 1 170 550	UNIVERSITE DE GENEVE, CH	
From: 2016 to 2019	STIFTUNG PREUSSISCHER KULTURBESITZ, DE	
Topic: CULT-COOP-08- 2016	UNIVERSIDAD POMPEU FABRA, ES	
Project coordinator: TECNOLOGIKO PANEPISTIMIO KYPROU, CY	7SCENES B.V., NL	

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