EU funding programme „Horizon 2020“ - opportunities for museums

“Understanding the EU Jungle - Structures and Funding opportunities”, NeMo, Berlin, Feb. 23, 2015

Christa Engel, NCP SSH / NKS SWG, PT-DLR
and let thy feet
millenniums hence
be set in midst of knowledge
Museums in Horizon 2020:
- as actor- or as object of investigation, or the objects in museums ....
- curator
- researcher
- multiplier
- user (of technical solutions)
- ....

Topics
- history, art, cultural heritage, exhibitions, education, dialogue civil society, research, preservation, restoration, materials, collections....

In the most unlikely places - not only „Social Sciences and Humanities“
- NMP, ICT, Health ...
What to expect....

• Basic structure & political intent of Horizon 2020

• Museum topics in H2020 (and its predecessors)

• Societal Challenge 6: structure
  ▫ Objectives: Regulation & Specific Programme

• Societal Challenge 6 - implementation
  ▫ Work programme 2014/15, open calls & topics
  ▫ Preview work programme 2016/17

• Rules for participation

• Support
  ▫ Websites
  ▫ National Contact Points
  ▫ ! Work programme input, „experts“

Beware: please verify all information on the Participant Portal!
Where do you find information on Horizon 2020?


Máire Geoghegan-Quinn, EU Commissioner for Research, Innovation & Science 2010-2014:

- “make a difference in people's lives”
- “research and innovation mean growth and jobs”
- “better value for this public money”
- “… the Social Sciences and Humanities are more essential than ever … to understand ourselves, our society and the challenges we face. We need them to guide politicians and policy makers and to inform public opinion.”

Carlos Moedas, new Commissioner for Research, Science & Innovation 2014-2019

- „Research, science and innovation …. touch every tiny aspect of our lives. From the way we heat our homes, to the way we run our businesses. From the way we heal our bodies, to the way we construct our buildings. …. Nothing has more power than research, science and innovation to change lives, to change the status quo, to wake us up, to disrupt! To unleash an outpouring of transformative energy.”
• **Politics:**
  - Europe 2020 strategy: smart, sustainable, inclusive growth
  - Strengthen science and technology in Europe and their usefulness for society
  - European competitiveness
  - Dealing with societal challenges on a European level

• **Innovation Union:**
  - Innovation Union is the European Union strategy to create an innovation-friendly environment that makes it easier for great ideas to be turned into products and services that will bring our economy growth and jobs
Culture and cultural heritage in the treaties: From respect of diversity to protection and development to ..... 

• 1992 Treaty on European Union (Preambulum):
  • „Desiring to deepen the solidarity between their peoples while respecting their history, their culture and their traditions”, „ending of the division of the European continent”

• 2007 Treaty of Lisbon:
  • greater importance to culture: “drawing inspiration from the cultural, religious and humanist inheritance of Europe’. One of the EU’s key aims is to “respect its rich cultural and linguistic diversity, and [...] ensure that Europe’s cultural heritage is safeguarded and enhanced” (preamble & Article 3 TEU).

• FP7: identities, cultural heritage and history becomes more complex and diverse:
  • Dedicated SSH programme (623 m €)
  • Cultural heritage preservation in Environment programme, focus on conservation technologies, focus on ICT
  • ERA-NETs (Norface, HERA), JPI (CH)
  • ERC grants (IDEAS programme)
  • SSH research infrastructures
I. Excellent Science
II. Industrial Leadership
III. Societal Challenges

Three main parts

Spreading Excellence and Widening Participation
Science with & for Society
Fast Track to Innovation (Pilot)

Programme sections of Horizon 2020

Source: EU-Büro des BMBF

Christa Engel • NKS SWG, PT-DLR
Horizon 2020 Structure - and where to go as a museum

I. Excellent Science
- ERC
- FET
- Marie-Skłodowska-Curie
- Research Infrastructures

II. Industrial Leadership
- LEIT: Leadership in enabling and industrial technologies:
  - ICT, Nanotechnologies, Materials, Biotechnologies, Manufacturing, Space
- Access to risk finance
- Innovation in SME

III. Societal Challenges
- Health, demographic Change and well-being
- Food security, ..., bioeconomy
- Energy
- Transport
- Climate, environment, resource efficiency, raw materials
- Europe...: societies
- Secure Societies

Titles: mostly abbreviated

Widening participation
Science with and for society
JRC
EIT
Basics: Implementation of H2020 (and terminology)

- TEU, EU Strategy 2020
- Regulation H2020
- Specific Programme H2020
- Rules for Participation
- Priorities & structure for 2014-2020
- New versions mainly every 2 years, different deadlines
- Project proposals (types of action: RIA, IA, CSA ...)
- Calls/ Topic
- ERA-NETs, JPI, PPP ...
3 core grant schemes:
• ERC Starting Grants
  ▫ targeted at early-career, emerging research leaders; up to 2 m € per grant

• ERC Consolidator Grants
  ▫ aimed at excellent researchers who are already independent; up to 2.75 m € per grant

• ERC Advanced Grants
  ▫ supporting established top researchers; up to 3.5 m € per grant

2 additional funding initiatives
• ERC Synergy Grants: introduced on a pilot basis to support a few small groups of researchers working together on the same project;
• ERC Proof of Concept: funding open only to ERC grant-holders; up to 150 000 € per grant
FET Open - Novel ideas for radically new technologies - Research Projects

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FETOPEN-RIA-2014-2015
Marie Skłodowska Curie Actions (MSCA)

Types of MSCA:

• Innovative Training Networks (ITN)
  ▫ joint research training and/or doctoral programmes, implemented by European partnerships of universities, research institutions, and non-academic organisations,
  ▫ experience outside academia, hence developing innovation and employability skills

• Individual fellowships (IF)
  ▫ support for experienced researchers undertaking mobility between countries, optionally to the non-academic sector

• Research and Innovation Staff Exchanges (RISE)
  ▫ short-term mobility of research and innovation staff at all career levels...including also administrative and technical staff, open to partnerships of universities, research institutions, and non-academic organisations both within and beyond Europe. In worldwide partnerships, academia-to-academia exchanges are permitted

• Co-funding of Regional, National, and International Programmes (COFUND)
  ▫ additional funding to regional, national and international programmes for research training and career development

• European Researchers’ Night (NIGHT)
  ▫ yearly, typically on the last Friday of September

• Find out more: http://ec.europa.eu/research/mariecurieactions/
• International criminal law as a tool for enhancing the protection of cultural heritage
  ▫ FP7-PEOPLE (1/2010-12/2010): International law provides both for State responsibility and individual criminal liability for the destruction of cultural property in the event of armed conflict.

• Advanced research training on the conservation of cultural heritage
  ▫ FP6-MOBILITY (5/2005-5/2009): The underpinning principle of European patrimony is that our cultural heritage is an invaluable legacy and integral to our future...

• Textile Studies: questions and issues between knowledge and knowhow
  ▫ FP7-PEOPLE (8/2014-7/2016): This research project explores the modern reconstruction processes of archaeological textiles and focuses on the intersection between Natural Sciences, Humanities, experimental methods and technical skilled practices. Taking an anthropological and an ethnographic approach...
European Research Infrastructures, including e-Infrastructures

H2020 Next calls with DL: **21 April 2015:**
- H2020-INFRADEV-1-2015-2: developing new world-class research infrastructures (Preparatory Phase of ESFRI projects)
- H2020-INFRASUPP-2015-2: Support to innovation, human resources, policy and international cooperation (Innovative procurement pilot action in the field of scientific instrumentation)

**FP7 Projects**
- CHARISMA - Cultural heritage advanced research infrastructures: Synergy for a multidisciplinary approach to conservation/restoration
  - 21 institutions, research on artwork materials and their deterioration (10/2009-3/2014)
- DCH-RP - Digital Cultural Heritage Roadmap for Preservation - Open Science Infrastructure for DCH in 2020
  - Large amount of digital content that need to be safely stored, permanently accessed and easily re-used by the humanities researchers. The vision for the next two decades is to implement a federated infrastructure... (20/2012-9/2014)
- CIVIC EPISTEMOLOGIES - Civic Epistemologies: Development of a Roadmap for Citizen Researchers in the age of Digital Culture
  - Roadmap for e-Infrastructures development, to support the participation of Europe’s citizens in scientific research, focusing on Digital Cultural Heritage and digital Humanities (DCHH) (8/2014-11/2015)
- ARIADNE: Advanced Research Infrastructure for Archaeological Dataset Networking in Europe
- CENDARI: Collaborative European Digital/Archival infrastructure
- DwB: Data without Boundaries
- ! EHRI: European Holocaust Research Infrastructure
Advanced Materials

• (e) Materials for creative industries, including heritage
  ▫ Applying design and the development of converging technologies to create new business opportunities, including the preservation and restoration of materials with historical or cultural value, as well as novel materials.

Topics WP2014/15, preview 2016/17:

• NMP 38 - 2014/2015: Presidency events: Latvia and Luxemburg (2015 Presidencies)
  ▫ DL 26.3.2015, CSA … networking scientists, … museums, schools...
• NMP 31 - 2014: Novel visualisation tools for enhanced nanotechnology awareness
  ▫ CSA 0.5 - 1 m €: support, beyond the lifetime of the project, the communication and education activities of various stakeholders: researchers, industrialists, investors, museums and/or schools
• NMP-21-2014 - Materials-based solutions for protection or preservation of European cultural heritage (Call for Nanotechnologies, Advanced Materials and Production) - DL 2014, project size 4-6 m €
• Expected topic for WP NMP 2017: “Solutions for the conservation and preservation of cultural heritage”, TRL 4-6, RIA
1.1.4. Content technologies and information management: ICT for digital content and for cultural and creative industries

- The objective is to strengthen Europe's position as provider of products and services based on individual and business creativity. It will do so by providing professionals and citizens with new tools to create, access, exploit, preserve and re-use all forms of digital content in any language and to model, analyse and visualise vast amounts of data (big data), including linked data. This includes new technologies for arts, language, learning, interaction, digital preservation, web design, content access, analytics and media; and intelligent and adaptive information management systems based on advanced data mining, machine learning, statistical analysis and visual computing technologies.
• WP 2014/15: Content technologies and information management
  ▫ new tools to model, analyse, and visualise vast amounts of data from which to extract more value, to make an intelligent use of data coming from different sources and to create, access, exploit, and re-use all forms of digital content in any language and with any device

• Topics
  ▫ ICT 19 - 2015: Technologies for creative industries, social media and convergence
  ▫ ICT 20 - 2015: Technologies for better human learning and teaching
  ▫ ICT 21 - 2014: Advanced digital gaming/gamification technologies
  ▫ ICT 22 - 2014: Multimodal and Natural computer interaction

• DL for 2015: April 14, 2015
• Health, demographic change and wellbeing
  ▫ HCO 15 - 2014: Mobilisation & mutual learning action plan (CSA, 1 m €)
  ▫ at least 10 institutions, may include media, education establishments, science centers, museums ...

• Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
  ▫ BG-13-2014 Ocean literacy - Engaging with society - Social Innovation (CSA, 3.5 m €)
  ▫ compiling existing knowledge about Seas and Ocean Health ... impact on citizens ... dissemination and engagement with societal stakeholders and public at large, e.g. via schools, aquaria, maritime and science museums

• Secure, clean and efficient energy
  ▫ EE3 - 2014: Energy strategies and solutions for deep renovation of historic buildings (RIA), 3-5 m €, TRL 4-6,
  ▫ Energy strategies and solutions for historic buildings ... one of the priority areas in the roadmap of the EeB PPP (Public Private Partnerships Energy-efficient Buildings)
Horizon 2020 Regulation: SC5 & „Cultural heritage“:

• “The aim is to research into the strategies, methodologies and tools needed to enable a dynamic and sustainable cultural heritage in Europe in response to climate change. Cultural heritage in its diverse physical forms provides the living context for resilient communities responding to multivariate changes. Research in cultural heritage requires a multidisciplinary approach to improve the understanding of historical material. Activities shall focus on identifying resilience levels through observations, monitoring and modelling as well as provide for a better understanding on how communities perceive and respond to climate change and seismic and volcanic hazards.”
“Cultural heritage” in the Specific Programme

- Cultural heritage assets are unique and irreplaceable in their tangible form as well as in their intangible value, cultural significance and meaning. They are a major driver of societal cohesion, identity and well-being, and they contribute significantly to sustainable growth and job creation. However, Europe’s cultural heritage is subject to deterioration and damage, further exacerbated by increasing exposure to human activities (e.g. tourism) and extreme weather events resulting from climate change as well as due to other natural hazards and disasters.

The aim of this activity is to provide knowledge and innovative solutions, through adaptation and mitigation strategies, methodologies, technologies, products and services for the preservation and management of tangible cultural heritage in Europe at risk from climate change.

To achieve this, multidisciplinary research and innovation will focus on the following:

- 5.6.1. Identifying resilience levels via observations, monitoring and modelling
  - New and improved damage assessment, monitoring and modelling techniques will be developed to improve the scientific knowledge base of the impact on cultural heritage of climate change and other environmental and human risk factors. The knowledge and understanding generated with the help of scenarios, models and tools, including analysis of the perception of value, will help provide a sound scientific basis for the development of resilience strategies, policies and standards, within a coherent framework for risk assessment and management of cultural heritage assets.

- 5.6.2. Providing for a better understanding on how communities perceive and respond to climate change and seismic and volcanic hazards
  - Research and innovation will, through integrated approaches, develop resource-efficient solutions for prevention, adaptation and mitigation, involving innovative methodologies, technologies, products and services for the preservation of cultural heritage assets, cultural landscapes and historic habitats.”
• Joint Programming Initiative in Cultural Heritage and Global Change (JPI CH)

• Topics in WP 2014/15
  - Expert Group on cultural heritage: Until now, the focus of cultural heritage research and innovation has mainly been on safeguarding cultural heritage by developing materials and technologies. The Expert Group will propose ways in which challenges can be transformed into innovation opportunities in order for cultural heritage entrepreneurs, cultural heritage innovators and cultural heritage services to be promoted, considering cultural heritage as a resource and an investment rather than a cost. ... launch of a renewed cultural heritage research and innovation agenda
Topic DRS-11-2015: Disaster Resilience & Climate Change topic 3: Mitigating the impacts of climate change and natural hazards on cultural heritage sites, structures and artefacts

- Planned Opening: 25 March 2015 - DL: August 27, 2015 (5 pm Brussels)

- **Scope:** ... develop eco-innovative solutions to help mitigate the effects of climate change and natural hazards on cultural heritage sites, structures and artefacts taking into account the values they hold for people and respecting their historic and cultural integrity. Effective adaptation strategies, systems and technologies are needed for better risk management of vulnerable heritage materials and for mitigating damage to cultural heritage assets. ... case studies, ... any research gaps or barriers needed to respond to this challenge, including aspects relating to innovative environmental assessment methodologies, integrated monitoring technologies and systems, improved non-invasive and non-destructive methods of surveying and diagnosis including wide area surveillance, cost-effective conservation and restoration techniques, risk management, disaster prevention and quick damage assessment when catastrophes occur.

- **Impact:** better understanding of the historical and technological contexts of heritage materials and objects. More effective advice and input to restoration and adaptation policies of government organisations thereby promoting improved practices for the guardians of cultural heritage assets. Reduced fragmentation in this sector through increased collaboration and cooperation and a fostering of an interdisciplinary approach.
WP 2014/2015

• “to make science education and careers attractive for young people“
• “activities targeted to citizens and their associations or groupings, with primary, secondary and higher education establishments, science museums, libraries, but also media, artists, creative industries, as well as researchers and innovators, policy makers at national, regional and local levels, research organisations, etc.”
• „….support awareness raising activities (workshops, seminars, hands-on activities, etc.) to be carried out with the contribution of gender experts. Activities will involve role models, and will bring together actors such as schools, science museums; research centres, etc, strengthening their interactions.“

• Call for Making Science Education and Careers Attractive For Young People (SEAC)
• Call for promoting Gender Equality in Research and Innovation (GERI)
• Call for integrating Society in Science and Innovation (ISSI)
• Call for developing governance for the advancement of Responsible Research and Innovation (GARRI)

• Deadline for 2015: May 15, 2015
"To foster a greater understanding of Europe, provide solutions and support inclusive, innovative and reflective European societies in a context of unprecedented transformations and growing global interdependencies"

Horizon 2020 Regulation

SC6 includes „research and innovation activities contributing to make societies more inclusive, innovative and reflective, and also specific measures supporting particular cross-cutting issues mentioned in this societal challenge ."

Horizon 2020 Specific Programme
Inclusive Societies:
• Smart, sustainable and inclusive growth
• Building resilient, inclusive, participatory and open societies in Europe
• Europe’s role as a global actor
• Sustainable and inclusive environments through innovative spatial and urban planning

Innovative societies:
• Strengthening the evidence-base and support for the IU and ERA
• New forms of innovation, incl. social innovation and creativity
• Make use of the innovative, creative and productive potential of all generations
• Cooperation with third countries

Reflective societies:
• European heritage (memory, identity)
• European countries' and regions' history
• Europe's role in the world; intercultural relations
6.3.3. Reflective societies - cultural heritage and European identity

- The aim is to contribute to an understanding of Europe's intellectual basis - its history and the many European and non-European influences - as an inspiration for our lives today. Europe is characterized by a variety of different peoples (including minorities and indigenous people), traditions and regional and national identities as well as by different levels of economic and societal development. Migration and mobility, the media, industry and transport contribute to the diversity of views and lifestyles. This diversity and its opportunities should be recognized and considered.

- European collections in libraries, including digital ones, archives, museums, galleries and other public institutions have a wealth of rich, untapped documentation and objects for study. These archival resources, together with intangible heritage, represent the history of individual Member States but also the collective heritage of a Union that has emerged through time. Such materials should be made accessible, also through new technologies, to researchers and citizens to enable a look to the future through the archive of the past. Accessibility and preservation of cultural heritage in these forms is needed for the vitality of the living engagements within and across European cultures now and contributes to sustainable economic growth.
“The focus of activities shall be to:

• (a) study European heritage, memory, identity, integration and cultural interaction and translation, including its representations in cultural and scientific collections, archives and museums, to better inform and understand the present by richer interpretations of the past;

• (b) research into European countries' and regions' history, literature, art, philosophy and religions and how these have informed contemporary European diversity;

• (c) research on Europe's role in the world, on the mutual influence and ties between the regions of the world, and a view from outside on European cultures.”
EURO: Overcoming the Crisis: New Ideas, Strategies and Governance Structures for Europe (2 Topics)

YOUNG - the Young Generation in an Innovative, Inclusive and Sustainable Europe (2 Topics)

REFLECTIVE - Reflective Societies: Cultural Heritage and European Identities (7 Topics)

INT: EUROPE AS A GLOBAL ACTOR (12 Topics)

INSO - New Forms of Innovation (5 Topics)
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Beware: please verify all information on the Participant Portal!
• **Specific Challenge:**
  - Sets the context, the problem to be addressed, why intervention is necessary

• **Scope:**
  - delineates the problem, specifies the focus and the boundaries of the potential action BUT without describing specific approaches

• **Expected Impact:**
  - describes the key elements of what is expected to be achieved in relation to the specific challenge
Call EURO: Overcoming the Crisis: New Ideas, Strategies and Governance Structures for Europe

- EURO-1-2014: Resilient and sustainable economic and monetary union in Europe
- EURO-2-2014: The European growth agenda
- EURO-3-2014: European societies after the crisis
- EURO-4-2014: Political challenges for Europe
- EURO-5-2015: ERA-NET on Smart Urban Futures
- EURO-6-2015: Meeting new societal needs by using emerging technologies in the public sector [RIA & CSA]
Main research areas:
- cultural heritage
- identity formation
- intellectual, artistic, creative and historical legacy of the European Union
- digital technologies for facilitating the modelling, analysis, understanding and preservation of European cultural heritage
- related coordination and support actions

- 10 Topics, indicative budget 27.5 m €
- Types of action: 4 Research and Innovation Actions, 2 CSA, 1 Innovation Action
- Deadline: 28.05.2015, 5 p.m. Brussels

- Success rate
  - At least 1 project per topic (as long as over threshold of 10)

- Evaluation
  - Subcriterion of „Impact“ NOT applicable in Reflective 2-5
    - „Strengthening the competitiveness and growth of companies by developing innovations that meet the needs of European and global markets; and by delivering such innovations to the markets“

- RIA & IA: consortium agreement needed with Grant Agreement
Call REFLECTIVE - Reflective Societies: Cultural Heritage and European Identities

REFLECTIVE-1-2014: ERA-NET on Uses of the past

REFLECTIVE-2-2015: Emergence and transmission of European cultural heritage and Europeanisation

REFLECTIVE-3-2015: European cohesion, regional and urban policies and the perceptions of Europe

REFLECTIVE-4-2015: Cultural opposition in the former socialist countries

REFLECTIVE-5-2015: The cultural heritage of war in contemporary Europe

REFLECTIVE-6-2015: Innovation ecosystems of digital cultural assets

REFLECTIVE-7-2014: Advanced 3D modelling for accessing and understanding European cultural assets (DL 30.09.14)

REFLECTIVE-8-2015: Communication and dissemination platform

REFLECTIVE-9-2014: Social Platform on Reflective Societies

REFLECTIVE-10-2014: Mobilising the network of NCPs SC6

REFLECTIVE-11-2015: Enabling innovation - Creating Impact from SSH
**Specific challenge:** Exploring cultural heritage, values and language as basis for the emergence of a truly European cultural heritage

**Scope:** Multidisciplinary and comparative research focusing on the emergence of a European (tangible and intangible) cultural heritage in a historical perspective

**Expected impact:** Research will support the EU cultural policies linked to fostering the emergence, transmission and use of cultural heritage at local, regional, national and, in particular, European level

- RIA, proposals between 1.5 and 2.5 m € (other amounts possible)
• **Specific challenge:** Analysing the impact of the European cohesion, regional and urban policies on a positive identification with the European construction

• **Scope:** Multidisciplinary research with strong emphasize on comparative case studies on different EU regions

• **Expected impact:** Better understanding of the relationship between European regional policies, local and regional identities and the perception of the added value of the EU by its citizens. Improvement of regional policy relevance and efficiency

• **RIA, proposals between 1.5 and 2.5 m € (other amounts possible)**
REFLECTIVE-4-2015: Cultural opposition in the former socialist countries

- **Specific challenge:** Exploring the cultural and political heritage of independent cultural movements and activities against the regimes in the former socialist countries in Europe

- **Scope:** The comparative research will examine various types of collections and address the contribution of such movements to the fall of socialist regimes and to the creation of modern diverse societies

- **Expected impact:** Development of a register of these collections and recommendations for their better protection, promotion and valorisation

- RIA, proposals between 1.5 and 2.5 m € (other amounts possible)
• **Specific challenge:** Understanding the many layers of the cultural heritage of war, whether for local communities, for national or for European identities

**Scope:** The research will explore the relationship that contemporary European societies have with the tangible and intangible cultural heritage of the major armed conflicts of the 20th century

**Expected impact:** Significant new knowledge on conflict heritage and policy advice on reinterpretation and promotion in communication, education and tourism at EU level

RIA, proposals 1.5 and 2.5 m € (other amounts possible)
REFLECTIVE-6-2015: Innovation ecosystems of digital cultural assets

- **Specific challenge:** share wealth of cultural resources, research and knowledge in collections, show how digital cultural resources can promote creativity and generate innovation in research design and methodology

- **Scope:** support and promote access to and reuse of digital cultural heritage resources available in scientific collections, archives, museums, libraries and cultural heritage sites... Enable new models and demonstrations of the analysis, interpretation and understanding of Europe‘s cultural and intellectual history and/or capitalising on state of the art technologies (e.g. mobile and wearable devices), bring cultural content to new audiences in novel ways, through the development of new environments, archives, museums, libraries and cultural heritage sites...

- **Impact:** new research perspectives for SSH, innovative & creative methods for cultural assets, foster collaboration between interpreters of cultural data and digital and interactive experts

- IA, proposals 2-4 m €
REFLECTIVE-8-2015: Communication and dissemination platform

- **Specific challenge:** Contributing to the professional communication and dissemination of the results of EU-funded projects in the area of inclusive, innovative and reflective societies

- **Scope:** Fostering dialogue and cooperation amongst researchers and between researchers and other stakeholders

- **Expected impact:** Creation of “Research and Policy Communities” that will ensure effective dissemination and take up of EU-funded research results

- CSA, proposals 1 m € (other amounts possible)
• **Specific challenge:** no systematic attempts at valorisation of different SSH disciplines yet

• **Scope:** potential and scope of SSH valorisation, solutions -> platform for dialogue SSH and stakeholders (research design, research communication, training, employability, integration of SSH in innovation)

• **Impact:** foster development of products and services across the innovation value chain, raise awareness for the value of SSH research and the possibilities to integrate it across the European innovation system

• CSA, proposals around 2 m €
EUROPE AS A GLOBAL ACTOR (INT) overview

- Indicative budget for 10 topics: 25 m €
- COM suggested proposal size 1.5 - 2.5 m € (other amounts possible)
- Type of action: Research & Innovation Actions
- Deadline: 28.05.2015, 5 p.m. Brussels

- Success rate
  - At least 1 project per topic (as long as over threshold of 10)

- Evaluation
  - Subcriterion of „Impact“ NOT applicable in INT 2-12:
    • „Strengthening the competitiveness and growth of companies by developing innovations that meet the needs of European and global markets; and by delivering such innovations to the markets“

- RIA & IA: consortium agreement needed with Grant Agreement

- International Partners
  - Desired or partly necessary (INT-12: at least 3 additional participants from 3 different LAC)
Call INT: EUROPE AS A GLOBAL ACTOR

INT-1-2014/2015: Enhancing and focusing research and innovation cooperation with the Union’s key international partner countries

INT-2-2014/2015: Encouraging the research and innovation cooperation between the Union and selected regional partners

INT-3-2015: Europe’s contribution to a value-based global order and its contestants

INT-4-2015: The European Union’s contribution to global development: in search of greater policy coherence

INT-5-2015: Rethinking the European Union crisis response mechanism in light of recent conflicts

INT-6-2015: Re-invigorating the partnership between the two shores of the Mediterranean

INT-7-2015: Towards a new geopolitical order in the South and East Mediterranean region

INT-8-2015: The European Union and the Eastern Partnership

INT-9-2015: The European Union, Turkey and its wider neighbourhood: challenges and opportunities

INT-10-2015: The European Union and integration challenges in the Balkans

INT-11-2015: European cultural and science diplomacy: exploiting the potential of culture and science in the EU’s external relations

INT-12-2015: The cultural, scientific and social dimension of EU-LAC relations
Draft Work Programme 2016/17 - initial ideas (subject to change!)

• Preview: 4 Calls on co-creation, reversing inequalities, engaging together globally, understanding Europe

"Understanding Europe"

• Cultural and historical literacy of Europeans (historical imageries, symbolical geographies and conflict heritage in formal and informal education)
• Innovative preservation and participatory management of cultural resources
• Cultural institutions and innovation
• Virtual museums
• Representations of Europe in literature and the arts
• Cultural heritage in European coastal and maritime regions
• Affordable and efficient digital access, analysis and preservation service of cultural resources

"Reversing inequalities"

• Youth digital opportunities multi-stakeholder platform
GRANT APPLICATIONS, EARLY 20TH CENTURY STYLE

Antrag
Ich benötige 10 000 (zehntausend) Mark

Otto Warburg

Nature Reviews | Cancer

Facsimile of a research proposal submitted by Otto Warburg to the Notgemeinschaft der Deutschen Wissenschaft (Emergency Association of German Science), c.1921.

The application, which consisted of a single sentence, "I require 10,000 marks", was funded in full.

Source: http://drtomcrick.com/2013/12/15/grant-applications-early-20th-century-style/

Rules for Participation

Online Manual
Rules for Participation
Model Grant Agreement

Find out more: PARTICIPANT PORTAL
- **Standard minimum conditions:**
  - A minimum of three mutually independent legal entities from different Member States or associated countries

- **Exceptions:**
  - ERC, Coordination/Support Actions, SME-Instrument…: at least one legal entity
  - Fast Track to Innovation: 3-5 legal entities

- **Additional eligibility criteria:**
  - Possibly applicable in accordance with Work Programme or Work Plan

- **Which countries are eligible:**
  - Most countries except „industrialised states“, BRIC and Mexiko (exceptions: topic, bilateral agreements)

- **Time-to-Grant: 5+3**
## Types of Action, funding rates

<table>
<thead>
<tr>
<th>Funding actions</th>
<th>Funding rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research and Innovation action</td>
<td>100 %</td>
</tr>
<tr>
<td>Innovation action (close to market)</td>
<td>70 % 100 % for NPOs</td>
</tr>
<tr>
<td>funds new, modified or improved products, processes or services - creating prototypes, tests, demonstrations, pilot projects, large-scale product validation and developing marketability</td>
<td></td>
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<tr>
<td>Co-ordination and support action</td>
<td>100 %</td>
</tr>
<tr>
<td>European Research Council (ERC)</td>
<td>100 %</td>
</tr>
<tr>
<td>Marie Skłodowska-Curie action</td>
<td>100 % (except Co-fund)</td>
</tr>
<tr>
<td>SME Instrument</td>
<td>70 %</td>
</tr>
</tbody>
</table>
Open Access Publications and Research Data

• Open access to publications
  ▫ All beneficiaries are required to deposit in an online archive (1) a machine-readable electronic copy of the published version or (2) a final peer-reviewed manuscript accepted for publication.

• Open access to data
  ▫ In H2020 projects are encouraged to deposit the data resulting from their work, including associated metadata, in a research data repository. The projects funded under SC6 will participate in the Pilot on Open Research Data - they will be required to develop a Data Management Plan detailing what data the project will generate, whether and how it will be exploited or made accessible for verification and re-use, and how it will be curated and preserved. Projects may choose to opt out.

• www.openaire.eu - dedicated portal in 18 languages
1. Excellence
   • Clarity of the objectives;
   • Soundness of the concept, including transdisciplinary considerations;
   • Credibility of the proposed approach;
   • Progress beyond the state of the art.

2. Impact [...] extent to which project outputs contribute to:
   • The expected impacts listed in the work programme under the relevant topic;
   • Enhancing innovation capacity and integration of new knowledge;
   • [Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets;]
   • Effectiveness of the proposed measures to communicate the project, disseminate and/or exploit the project results, and appropriate management of IPR.

3. Quality and efficiency of implementation
   • Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources;
   • Competences, experience and complementarity of the individual participants, as well as of the consortium as a whole;
   • Appropriateness of the management structures and procedures, including risk management.
• Support?
  ▫ Websites
  ▫ National Contact Points
  ▫ Contact SSH NCP Germany
Find out more

- European Commission Horizon 2020 & Societal Challenge 6
  - [http://ec.europa.eu/research/index.cfm](http://ec.europa.eu/research/index.cfm)

- GD Research & Innovation & other directorates (Connect, Enterprise, Energy...)
  - [http://ec.europa.eu/research/index.cfm?pg=dgs&pg=dgs;lg=en](http://ec.europa.eu/research/index.cfm?pg=dgs&pg=dgs;lg=en)

- Participant Portal (including signpost to National Contact Points of all countries)

- NETWATCH: Info on transnational Calls

- German signposting to Horizon 2020 and the NCP system
  - [www.horizont2020.de](http://www.horizont2020.de)

- NET4SOCIETY including partner search tool & signpost to a range of H2020 partnering opportunities
  - [www.net4society.eu](http://www.net4society.eu)
NCP SSH Germany (NKS SWG): Who we are and how you can reach us

Christa Engel
NKS SWG, PT-DLR
Nationale Kontaktstelle für Sozial-, Wirtschafts- und Geisteswissenschaften im Projektträger im DLR
Heinrich-Konen-Str. 1
53227 Bonn
Telefon: 0228 3821 1644
E-Mail: nks-swg@dlr.de
Internet: www.nks-swg.de

www.nks-swg.de