The EU Framework Programme for Research and Innovation

HORIZON 2020

Social Sciences and the Humanities in HORIZON 2020 Societal Challenge 6

M. MENAPACE European Commission, DG RTD, Unit B6 Open and Inclusive Societies
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Commissioner Moedas 3Os

OPEN SCIENCE

Launch of the European OPEN SCIENCE CLOUD

Setting up an OPEN SCIENCE POLICY PLATFORM with stakeholders to develop new policies and best practices

OPEN ACCESS mandatory for all Horizon 2020 research publications

OPEN INNOVATION

New SCIENTIFIC ADVICE MECHANISM (SAM) will give the very best advice to EU's top policy makers

Horizon 2020 a crucial part of the EUROPEAN FUND FOR STRATEGIC INVESTMENTS (EFSI) expected to mobilise > €315 BILLION

EFSI and INNOVFIN SME GUARANTEE already investing in 15 Member States

€1.5 BILLION to SMEs from Horizon 2020, including the new SME Instrument

Proposal for a EUROPEAN VENTURE CAPITAL fund of funds

New PROJECT FACILITY to spread research and innovation best practices in Member States

New FAST TRACK TO INNOVATION pilot funds close-to-market innovation

SEAL OF EXCELLENCE to unlock other funding opportunities for proposals that just missed out on Horizon 2020

Launch of the EUROPEAN CAPITAL OF INNOVATION Award 2016

OPEN TO THE WORLD

- PRIMA: the Partnership Research and Innovation in the Mediterranean Area impact assessment launched
  - 9 PROJECTS with 200 partners running under the Atlantic Ocean Research Alliance

- Fast-tracked research to tackle the EBOLA CRISIS

- SESAME particle accelerator boosting science diplomacy in the Middle East: observer status achieved

- Associating Ukraine, Tunisia and Faroe Islands to Horizon 2020

- ERC AGREEMENTS signed with Argentina, China, Japan and South Africa

- New SCIENCE4REFUGEES initiative helps refugee scientists find suitable jobs
<table>
<thead>
<tr>
<th>3 Os Commissioner Moedas Priorities</th>
<th>DG RTD Unit Open and Inclusive Societies (B6) Priorities</th>
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<tr>
<td>Open Innovation</td>
<td>Employment &amp; New Growth</td>
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<td>Open Innovation &amp; Open to the World</td>
<td>Migration &amp; Mobility</td>
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<td>Open Innovation</td>
<td>Reversing Inequalities</td>
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<td>Open Innovation &amp; Open Science</td>
<td>Cultures &amp; Citizenship</td>
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<td>Open to the World</td>
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<td>Open Science &amp; Open Innovation</td>
<td>Mainstreaming SSH</td>
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</table>
SOCIETAL CHALLENGE 6
EUROPE IN A CHANGING WORLD
INCLUSIVE, INNOVATIVE AND REFLECTIVE SOCIETIES
Work Programme information (Part 13-SC6)

4 Calls and 39 Topics for 2016 and 2017

Co-creation for growth and inclusion
Reversing inequalities and promoting fairness
Engaging together globally
Understanding Europe
- Fast track to innovation
- SME instrument
- Other Actions to support ERA and IU

In total, € 156 M for 2016 and € 165 M for 2017
Work Programme information
Part 13 - SC6

• Overall logic of the WP
• Compliance with the Specific Programme "Inclusive, innovative and reflective societies"
• Coherence and balance among the 4 Calls and instruments (RIA, IA, CSA, ERA-NETS)
• Cross-references among Calls and Topics (for eg. "Radicalisation" in topics REV-INEQUAL-2, ENG-GLOBALLY-1 and CULT-COOP-5)
• Sequence of Topics in:
  Call 1: From Co-Creation to more economic & R&I
  Call 2: From theory to analyses and solutions
  Call 3: From global to region-specific
  Call 4: From humanities to digital
Work Programme information
Part 13 - SC6

Getting to the SC6 WP – a long itinerary full of interactions

Commission drafts the WP taking on board:
• FP7 & CIP, first calls of H2020 in 2014 stocktaking
• Stakeholders insights (Advisory Group and others)
• Member States and AS (Programme Committee)
• Various EC interests: 12 scribe's Units from DG RTD & CNECT. Policy DGs: DEVCO, EAC, ECFIN, ECHO, EMPL, ENV, ESTAT, GROW, HOME, JUST, TAXUD, TRADE and EEAS in H2020 Group

Overall, a genuine "European Work Programme"
Stocktaking

http://ec.europa.eu/research/social-sciences/index.cfm
http://ec.europa.eu/research/iscp/index.cfm
## Calls and budget

<table>
<thead>
<tr>
<th>Calls</th>
<th>2016</th>
<th>2017</th>
<th>Total</th>
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<tr>
<td>CO-CREATION</td>
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<td>33,15</td>
<td>56,65</td>
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<td>REV-INEQUAL</td>
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<td>ENG-GLOBALLY</td>
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<td>CULT-COOP</td>
<td>19,5</td>
<td>47,5</td>
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<td>SME instrument</td>
<td>10,8</td>
<td>11,4</td>
<td>22,22</td>
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<td>Other Actions incl. FTI</td>
<td>26,3</td>
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<td>COST</td>
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<td><strong>Total</strong></td>
<td><strong>155,78</strong></td>
<td><strong>164,58</strong></td>
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<td>CO-CREATION-01-2017</td>
<td>Education and skills: empowering Europe’s young innovators</td>
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<td>CO-CREATION-02-2016</td>
<td>User-driven innovation: value creation through design-enabled innovation</td>
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<td>Piloting demand-driven collaborative innovation models in Europe</td>
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<td>CO-CREATION-04-2017</td>
<td>Applied co-creation to deliver public services</td>
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<td>CO-CREATION-05-2016</td>
<td>Co-creation between public administrations: once-only principle</td>
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<td>CO-CREATION-06-2017</td>
<td>Policy-development in the age of big data: data-driven policy-making, policy-modelling and policy-implementation</td>
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<td>CO-CREATION-07-2017</td>
<td>Towards a new growth strategy in Europe - Improved economic and social measurement, data and official statistics</td>
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<td>CO-CREATION-08-2016/17</td>
<td>Better integration of evidence on the impact of research and innovation in policy making</td>
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<td>CO-CREATION-09-2016</td>
<td>A European map of knowledge production and co-creation in support of research and innovation for societal challenges</td>
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Co-creation for growth and inclusion

**CO-CREATION-01-2017**  
*Education and skills: empowering Europe's young innovators*

- Innovating learning practices so that innovation skills are part of a person's education, formal and informal, at schools and interacting communities as well as on-line
- Boosting innovation and entrepreneurship capacity, bringing together many stakeholders including from education, traditional business, the social economy and volunteering schemes
- Empowering young innovators across Europe and give them tools to engage in society and channel their values into concrete opportunities

*IA – 2017: € 5 M*

**CO-CREATION-02-2017**  
*User-Driven innovation: value creation through design-enabled innovation*

- Exploit the opportunities offered by user-driven innovation in services and design-driven innovation to get ideas to market
- Mainstream design and design tools, make their use more accessible
- Integrate design to the value creation chains resulting to innovations that increase public sector effectiveness and private sector competitiveness

*IA – 2016: € 4 M*
Co-creation for growth and inclusion

**CO-CREATION-03-2017**

**Piloting demand-driven collaborative innovation models in Europe**

- Transform knowledge into value by linking demand and supply of ideas and knowledge
- Collaborative models and co-creation of solutions
- Development of absorptive capacities within businesses and knowledge users

*IA-2016: € 5 M*

**CO-CREATION-04-2017**

**Applied co-creation in the public sector**

- Co-creation of public services and policies by bringing together a variety of actors in society
- Demonstrate how government can act as broad, open collaboration platform in practice (sharing data, services, tools)
- Create demand-driven, user-friendly, personalised public services
- Efficiency gains, transactional cost reduction, productivity growth, stimulating new businesses, greater transparency leading to reduced errors, less public spending and administrative burden

*IA - 2017: € 10 M*
Co-creation for growth and inclusion

**CO-CREATION-05-2017**
**Co-creation between public administrations: once-only principle**

- Improve efficiency and effectiveness by opening up and sharing knowledge and resources with the aim to unlock productivity improvements and foster the creation of more public value
- Governments can benefit from the data already provided by citizens and businesses and thus provide administrative services in a pro-active manner
- Applied on a very wide scale it can lead to a smart, inclusive and effective "Once Only principle" at European level
- Time savings, administrative burden and cost reduction for businesses, improved service quality and administrative efficiency

*IA - 2016: € 8 M, CSA – 2016: € 1 M*

**CO-CREATION-06-2017**
**Policy-development in the age of big data: data-driven policy-making, policy-modelling and policy implementation**

- Enable governments - at various levels - to benefit from the availability of all information and data
- Data analytics tools helping public authorities to introduce effective policies
- New types of evidence-based policy design
- Efficiency gains, transaction cost reduction, productivity growth, new businesses, reduction of administrative burden, user satisfaction, increased level of civic engagement

*RIA - 2017: € 11 M, CSA – 2017: € 0.5 M*
Co-creation for growth and inclusion

CO-CREATION-07-2017
Towards a new growth strategy in Europe – Improved economic and social measurement, data and official statistics

- Improvement of data on tangible and intangible investments, capital stock and composition of labour inputs at industry level
- Incorporation and alignment of new unofficial and unstructured sources with established official statistics
- New insights for the European growth strategy

RIA-2017: € 2 M; CSA 2017 : € 1 M

CO-CREATION-08-2016/2017
Better integration of evidence on the impact of research and innovation in policy-making

- Generating new knowledge, metrics and insights to improve the impacts of R&I policies
- Development of macro-economic models, especially the R&I representation
- New indicators for assessing R&I performance and societal benefits

RIA – 2016: € 3,5  RIA – 2017: € 3,65
Co-creation for growth and inclusion

CO-CREATION-09-2017
A European map of knowledge production and co-creation in support of research and innovation for societal challenges

• New R&I dynamics influenced by interaction among stakeholders, open science and open innovation
• Web-based platform visualizing data on institutional, national and regional knowledge co-creation hot-spots including Higher Education Institutions (HEI) and Public Research Organisations (PRO)
• Convincing sustainable and commercially viable business models

CSA – 2016: € 2 M
# Reversing inequalities and promoting fairness

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<thead>
<tr>
<th>Code</th>
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<td>REV-INEQUAL-01-2016</td>
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<td>Contemporary radicalisation trends and their implications for Europe</td>
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<td>Dynamics of inequalities across the life-course</td>
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<td>Intra-EU mobility and its impacts for social and economic systems</td>
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<td>Fighting inequalities through policies against tax fraud and tax evasion</td>
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<td>REV-INEQUAL-10-2016</td>
<td>Multi-stakeholder platform for enhancing youth digital opportunities</td>
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Reversing inequalities and promoting fairness

**REV-INEQUAL-01-2016**
An empirically informed European theory of justice and fairness

- Comprehensive data and analysis on the extent to which inequalities are regarded as acceptable across a range of dimensions and MS
- Formulation of a theory of justice which provides political guidance to the challenge of reversing inequalities
- Enhance and deepen the knowledge base on the foundations of the concepts of justice and fairness
  a) Towards a European theory of justice and fairness
  b) How Europeans perceive, experience, relate and contest inequalities

**RIAI – 2016: € 5 M**

**REV-INEQUAL-02-2016**
Contemporary radicalization trends in Europe

- Enhance the knowledge base on the scope, origins, causes and dynamics of radicalisation, in particular in relation to young people
- Evaluating policies with regard to their effects on radicalisation and (dis)integration. Recommendations on how to address religious fundamentalism in and outside of Europe in particular
- Projects will produce profiles of recruiters and targeted individuals
  a) Radicalisation, violence and hate crime
  b) Radicalisation and religious fundamentalism

**RIAI – 2016: € 5 M**
Reversing inequalities and promoting fairness

REV-INEQUAL-03-2016
Dynamics of inequalities across the life-course

- Underlying mechanisms, structures and processes of inequality across life-courses and between generations
- Understanding most pressing problems related to inequality and social cohesion
- Engaging, bringing together and broadening the research community (north, south, east and west)
- Comparative and multi-disciplinary research (sociology, education, law, political science, economics, history, anthropology and psychology, demography and sustainability)

ERA-NET Cofund – 2016: € 5 M

REV-INEQUAL-04-2016
Intra-EU mobility and its impacts for social and economic systems

- Investigate trends and existing policies and test the controversies around intra-EU migration
- Design a comparative set of cross-country indicators on migration and integration outcomes to support better policy responses to internal migration
- Better integration mechanisms for intra-EU migrants
  a.) Social and economic impact of intra-EU mobility
  b.) Perceptions on and politicisation of intra-EU mobility and representation in the media

RIA – 2016: € 5 M
Reversing inequalities and promoting fairness

**REV-INEQUAL-05-2016**

Inequalities in the EU and the consequences for democracy, social cohesion and inclusion

- Investigate the effects of increasing inequalities and growing polarisation between 'rich' and 'poor'
- Role of a shrinking middle class for democracy & social cohesion
- Participation repertoires and electoral participation
- Scenarios on democracy in Europe in the light of varying trends in inequalities
  a) The relation between democracy and the middle class
  b) Increasing inequalities and their impact on classical and non-classical political participation
  c) Young people and the future of European democracies

*RIA – 2016: € 7.5 M*

**REV-INEQUAL-06-2016**

Tackling inequalities at their roots: new policies for fairness in education from early age

- Education to combat (social) inequality and social exclusion
- Identification, transferability and up-take of measures to combat inequalities in education from the early age
- Novel methods to analyse efficiency/effectiveness of spending in education, including new indicators
  a) Reducing educational disparity and disadvantage from an early age
  b) Contribution of innovative forms of organisation management or professional practices in educational systems to equity and efficiency

*RIA – 2016: € 5 M*
Reversing inequalities and promoting fairness

REV-INEQUAL-07-2016

Spatial justice, social cohesion and territorial inequalities

• Developing ways to promote greater spatial justice and socio-economic well-being at various governance levels (cf. one's place of birth or living impacts on socio-economic chances)
• Reappraise existing cohesion policies and instruments incl. public services under conditions of austerity
• Contribution to conceptualising the European Social Model
• Improve the knowledge base on the relation between regional policy and political claims to regional autonomy/decentralisation
  a) Territorial cohesion, spatial justice and solidarity in Europe
  b) Regionalism, a question of political and social equality

RIA – 2016: € 5 M

REV-INEQUAL-08-2016

Fighting inequalities through policies against tax fraud and tax evasion

Enhance the knowledge base of various tax collection and enforcement systems among Member States
• Practices, motivations and attitudes of perpetrators, both individual and corporate
• Redress and reverse tax fraud, optimisations, evasions and avoidance incl. by sharing best-practices and proposing applicable instruments and incentives for tax compliance
  a) The state dimension: the role of governments and tax enforcement regimes
  b) The perpetrators' side: practices, motivations and attitudes across Europe

RIA – 2016: € 5 M
Reversing inequalities and promoting fairness

**REV-INEQUAL-09-2016**
Boosting inclusiveness of ICT-enabled research and innovation

- Support community building and cross-disciplinary collaborations
- Improve the interaction between SSH researchers and ICT developers
- Improved take-up of societal concerns in ICT-related R&I
- Increased worldwide visibility of EU with a shared vision for inclusive ICT R&I

*CSA – 2017: € 3 M*

**REV-INEQUAL-10-2016**
Multi-stakeholder platform for enhancing youth digital opportunities

- Boost the understanding of young people's civic engagement with the digital world and leverage youth online participation
- Develop evidence base on young people and children in the digital world
- Active role of children and young in policy-making
- Full and safe participation of children and young people in accessing and creating services

*CSA – 2017: € 1 M*
# Engaging together globally

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<th>Strengthening Europe's position in the global context: science diplomacy and intercultural relations</th>
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<td>ENG-GLOBALLY-02-2017</td>
<td>Shifting global geopolitics and Europe's preparedness for managing risks, mitigation actions and fostering peace</td>
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<td>The European Union and the global challenge of migration</td>
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<td>Science diplomacy for EU neighbourhood policies</td>
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<td>The strategic potential of EU external trade policy</td>
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<td>The Asia-Pacific as a strategic region for Europe</td>
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<td>The European Union and Central Asia</td>
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<td>ENG-GLOBALLY-08-2016/17</td>
<td>EU-China cooperation on sustainable urbanisation</td>
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<td>ENG-GLOBALLY-09-2016</td>
<td>Centres/Networks of European research and innovation</td>
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</table>
Engaging together globally

**ENG-GLOBALLY-01-2017**
Strengthening Europe's position in the global context: science diplomacy and intercultural relations

• Linking scientific expertise and cooperation with diplomacy
• Insights into the multiple ties and mutual influences between Europe and its neighbours, former colonies and other countries
• Facilitate Europe's future engagement in effective intercultural dialogues
  a) Using science in the context of European diplomacy
  b) European culture, values and reflections of Europe's colonial past in contemporary European societies
  c) Global trends of secularisation and religious radicalisation and the role of Europe

*RIA – 2017: € 7.5 M*

**ENG-GLOBALLY-02-2017**
Shifting global geopolitics & Europe's preparedness for managing risks, mitigation actions and fostering peace

Long-term transformations challenging the traditional predominance of the West and Union's capacity for guaranteeing its citizens' security
a) Recent global geopolitical developments and their implications for the European Union
b) European Union's preparedness for managing risks and opportunities, fostering peace in a crisis-ridden context

*RIA – 2017: € 5 M*
Engaging together globally

ENG-GLOBALLY-03-2017
The EU and the global challenge of migration

- Understanding the roots of migration, their interplay with other determinants and the impact on development processes
- Stronger conceptual tools for EU and national policy-makers to better interpret the role of the EU and its MS as global actors in the field of migration
- Greater policy coherence and effectiveness in the field of migration management and relations with third countries
  a) An integrated approach to migration and development
  b) EU policy coherence and migration

RIA – 2017: € 5 M

ENG-GLOBALLY-04-2017
Science diplomacy for EU neighborhood policies

- Consolidated the corpus of knowledge on science diplomacy in service of the European Neighborhood Policy
- Feed into future EU strategies vis-à-vis its neighbors
- Wide dissemination of these results to the relevant stakeholders

CSA – 2017: € 1.5 M
Engaging together globally

**ENG-GLOBALLY-05-2017**
The strategic potential of EU external trade policy

- Insights into the evolving EU and MS bi- and multilateral trade strategies
- Inter-linkages with other external policies (e.g. environmental, social), their coherence, effectiveness and consistency in EU foreign policy
- Formulate recommendations on the institutional, organisational and behavioural adaptations needed to reinforce the EU's clout in global affairs via enhanced coherence of its foreign policy

*RIA – 2017: € 2.5 M*

**ENG-GLOBALLY-06-2017**
The Asia-Pacific as a strategic region for Europe

- Comprehensive overview of the strategic challenges that Europe faces in the various zones of the Asia-Pacific region, including its neglected facets
- Inform foreign policy actors, processes and initiatives by providing insights on the legal, cultural and socio-economic aspects surrounding their implementation
  a) Regional integration in South-East Asia and its consequences for Europe
  b) Governance in and of the Pacific as a challenge for Europe

*RIA – 2017: € 5 M*
Engaging together globally

ENG-GLOBALLY-07-2017
The European Union and Central Asia

• Improving the ties of the EU with the region and countries of Central Asia in all socio-economic, political, security as well as cultural and scientific areas
• Formulation of short- and long-term priorities for EU policies towards the region including for education and media purposes
• Network of European researchers in the field of Central Asian Studies and new forms of cooperation with counterparts in Central Asia

CSA – 2017: € 1.5 M

ENG-GLOBALLY-08-2017
EU-China cooperation on sustainable urbanisation

• Improved reciprocal knowledge on urbanisation processes and define and implement a joint EU-China strategic development plan for solutions for sustainable urbanisation benefiting from research, data and expertise from both EU and China
• Establish an innovation platform ("nursery" of joint projects) bringing together industry, academia and other stakeholders in sectors important for sustainable urbanisation, and organise competition for limited number of demonstration sites in the EU and in China

RIA – 2017: € 2.5 M; CSA – 2016: € 1.5 M
Engaging together globally

**ENG-GLOBALLY-09-2017**
Centres / Networks of European R&I

- Establish new centres for support, promotion and awareness raising on European science, technology and innovation
- Reinforce the presence of European research and innovation actors in selected international partner countries and regions
- Stronger presence and visibility of EU organisations in the science and innovation environment of the partner country
- Improved framework conditions for international cooperation in R&I and enhanced impact of results from R&I projects

*CSA - 2016: € 10 M*
<table>
<thead>
<tr>
<th>Project Code</th>
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<tr>
<td>CULT-COOP-01-2017</td>
<td>Democratic discourses and the rule of law</td>
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<td>Virtual museums and social platform on European digital heritage, memory, identity and cultural interaction</td>
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<td>European cultural heritage, access and analysis for a richer interpretation of the past</td>
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<td>CULT-COOP-10-2017</td>
<td>Culture, integration and European public space</td>
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<tr>
<td>CULT-COOP-11-2016/17</td>
<td>Understanding the transformation of European public administrations</td>
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</table>
Understanding Europe - promoting the European public and cultural space

CULT-COOP-01-2017
Democratic discourses and the rule of law

- Understand contemporary legitimacy discourses and develop innovative approaches to legitimation also beyond democratic participation, encompassing justice and fairness, in Europe
- Feed into future debates on the constitutional arrangements of the EU taking account electoral developments which appear to pose challenges to those arrangements
  a) Sovereignty and democracy
  b) Legitimacy through the rule of law, delivery of justice and fundamental rights

RIA – 2017: € 5

CULT-COOP-02-2017
Improving mutual understanding among Europeans by working through troubled pasts

- Reappraise uncomfortable histories with a view to enhancing mutual understanding among Europeans
- Innovative educational material on how to constructively reflect and act upon troubled historical heritage
- Support European policy makers and citizens to re-connect if and where necessary with the raison d'être of European integration
  a) Formal education, curricula and teaching practice
  b) Civil society, informal education and political discourses

RIA – 2017: € 5 M
Understanding Europe - promoting the European public and cultural space

CULT-COOP-03-2017
Cultural literacy of young generations in Europe

- Enhance cultural literacy for the young generations
- Innovative use of culture/CH through a comparative analysis of cultural literacy of young Europeans of diverse origins
- Development and uptake of teaching material and tools for formal and informal education
- Testing innovative practices for enhancing cultural and inter-cultural competencies in their real-life context
  a) Promoting cultural literacy through formal education
  b) The role of non-formal and informal education in the development of cultural literacy

RI A – 2017: € 5 M

CULT-COOP-04-2017
Contemporary histories of the representations of Europe in literature and the arts

- Investigate the evolving representations of Europe in contemporary artistic expressions
- Better knowledge of cultural Europeanization in the making
- Renewal of a non-elitist cultural narrative of Europe that speaks to Europeans of different languages, cultures, religions and origins beyond national borders
- Enhanced cultural inter-comprehension among Europeans, especially young Europeans
- New teaching materials for formal and informal education

RI A – 2017: € 2.5 M
Understanding Europe - promoting the European public and cultural space

CULT-COOP-05-2017
Religious diversity in Europe - past, present and future
- Analyse the co-existence of religious communities in Europe and repercussions for the European public and cultural space
- Historical and comparative perspective enabling European citizens to better grasp conditions needed for religious coexistence in Europe
- Innovative dissemination tools for education purposes (history, political science, civic education)
- Policy recommendations and dissemination to the media for future strategies of cooperation with religious communities and in coping with anti-religious animosity

RIA – 2017: € 2.5 M

CULT-COOP-06-2017
Participatory approaches & Social innovation in culture
- Develop the role of European cultural institutions as cultural service providers and hubs of social innovation
- New cultural institutional strategies to reach out new audiences and communities
- Innovative ways of cultural transmission and creative re-use
- Support to culture ministries, cultural institutions and policy makers on how to promote European culture
- Further democratise access to culture in a way that enables mutual and intercultural understanding for all
- Support the EC in the definition of an innovative research agenda

RIA – 2017: € 2.5 M; CSA – 2017: € 1.5
Understanding Europe - promoting the European public and cultural space

**CULT-COOP-07-2017**
Cultural heritage of European coastal & maritime regions

- Deepen knowledge and sustainable preservation of the cultural heritage of EU coastal and maritime regions and landscape
- Policy advice and networks, concepts and tools on how to maintain this rich and diverse element of the European CH based on stakeholder involvement and participatory governance
- Case studies and tailor-made pilot projects of the research to put in practice the proposed new tools and concepts
- Explore the possibilities of new, sustainable, cultural heritage-related career opportunities in the studied regions

*RIA – 2017: € 2.5 M*

**CULT-COOP-08-2017**
Virtual Museums and Social platform on European digital heritage, memory, identity and cultural interaction

- Virtual Museums helping to increase people's curiosity of art and the understanding of cultural heritage
- Synergies between virtual and traditional museums and cultural institutions
- Improvement of exchange of information and information re-use, as well as the accessibility and usability of Virtual Museums
- Social platform engaging stakeholders on a dialogue and awareness process about European digital heritage, memory, identity and cultural interaction

*RIA – 2016: € 10 M; CSA – 2016: € 1 M*
Understanding Europe - promoting the European public and cultural space

CULT-COOP-09-2017
European cultural heritage, access and analysis for a richer interpretation of the past
- Create affordable and efficient digital access, analysis and preservation services of cultural resources to better understand and inform the present by richer interpretations of the past
- New ways of searching European digital content which used to be inaccessible, buried among huge amounts of data and not sufficiently tagged with adequate metadata
- Improve the understanding of the richness of European cultural heritage and create added value for the society by providing humanities researchers, journalists, policy makers and the interested public with new ways of finding answers to their questions about European cultural heritage and history
RIA – 2017: € 9 M

CULT-COOP-10-2017
Culture, integration and European public space
- Linking European identity to forms of integration that produce mutual benefit through tolerance, respect and creative interaction
- Culture and arts as vehicles of European integration and their role in defining "public spaces" (built environment, landscapes, media, language, ethnicity, shared values, etc.)
- Exploring how public spaces shape and are shaped by cultural activity: historical models, impact of migration on culture, role of creativity in defining European identity
- North-South and East-West representations of European public space
ERA-NET Cofund – 2017 : € 5 M
SME instrument

New business models for inclusive, innovative and reflective societies

Servitisation, individual empowerment, collaborative economy and opening up of government data offer new possibilities of growth to SME, social enterprises and cultural actors through new business models and organisational change

Change of paradigm from ownership to access, from individual consumption to shared functionalities

Enable SMEs to innovate and grow across traditional boundaries

New ways of creating, producing, consuming, using, educating, learning, caring, moving and living;

New public services using open data and open public services

Exploiting tangible and intangible cultural heritage

SME instrument – 2016: € 10.8 M and 2017: € 11.4
Other actions - Prizes

- European Capital of Innovation
- European Social Innovation Competition
- Horizon Prize on Social Innovation
The European Capital of Innovation Prize

• The 2016 contest is on: Contestants will be able to submit their entries until 18 November 2015. The three winners will be announced in early 2016

• In 1st quarter 2017 the contest will be launched again
The European Social Innovation Competition

• The winners of the 2015 European Social Innovation Competition will be announced at the awards ceremony on 25 November 2015 in Brussels.

• Of the 1,408 ideas that were entered in the competition, 10 finalists have been selected and are competing for the three prizes of €50,000.

• The next competition is expected to be launched at the beginning of 2016.
The first Horizon Prize on Social Innovation

• Will be launched in collaboration with EIB Institute in early 2016
• offering a cash reward of EUR 2 million to the best solution responding to the pre-defined challenge
• public vote from 16 September to 21 October 2015 calling citizens to decide on the topic of the Prize: childhood obesity, ageing population, integration of immigrants in the labour market, women-led enterprises growing in numbers and size, and community-led clean energy generation
• Close to 10,000 votes were received
• The challenge Ageing Population received the biggest support with almost 32% of the votes
Other actions - Public procurements

- Development of the Innovation Scoreboards
- Innobarometer survey
- Provision and analysis of key indicators in R&I
- Support for the future orientations of Horizon 2020
- Support to the High Level Group of Research, Innovation and Science Policy Experts (RISE)
- Support to Open Science and Open Science monitor
- Pan European supplementary pension funds (2014-2018): RESAVER ("Retirement Savings Vehicle for European Research Institutions")
- eGovernment related studies, conferences and other events
- Service Facility in support of the strategic development of international cooperation in R&I
Work Programme information (Part 13-SC6)

Participant Portal

http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/
EMBEDDING SOCIAL SCIENCES AND HUMANITIES (SSH)

"Technique works, and since its functioning becomes planetary, [however] it is necessary to look at the concepts of the individual, identity, freedom, truth, meaning and purpose, but also those of nature, ethics, politics, religion and history (...)" Umberto Galimberti, Italian philosopher

Psyche Revived by Cupid's Kiss (A. Canova)
Programme dedicated to SSH

No reference in the evaluation criteria to disciplines working together

SSH is a cross-cutting issue

Trans-disciplinarity is part of the evaluation criteria (Excellence)

“Social sciences and humanities research will be fully integrated into each of the priorities of Horizon 2020 and each of its specific objectives (...) so that the SSH can make a contribution wherever they are needed.”

Horizon 2020 Framework Regulation
Integration of SSH in the WP 2014-2015

Overall, 37% of topics were 'flagged' for SSH
Overall, 26% of consortium partners (i.e. 921 partners) in projects funded under SSH-flagged topics in the Societal Challenges and the LEIT parts of Horizon 2020 have and contribute SSH expertise (19% of partners when excluding SC6). Their share is highest in SC6 (88%), SC7 (39%) and SC2 (29%) while being lowest in LEIT-SPACE (8%), SC5 (11%) and SC4 (13%).
Budget going to SSH in 2014 – €236 million

The share of budget going to SSH partners amounts to 6% (i.e. €236 million) of the total 2014 budget of €4 billion (i.e. 21% of the budget of SSH-flagged topics).

The data were extracted from the GA of 308 projects selected for funding in 2014 under 97 topics in the Societal Challenges and Industrial Leadership priorities. All 97 topics were flagged for SSH. The 97 topics do not include topics that funded ERA-NETs, networks of NCP or 'Other Actions' sections of the WP.
### SSH partners by country in 2014

#### Country affiliation of SSH partners - top 20 countries

<table>
<thead>
<tr>
<th>Country</th>
<th>UK</th>
<th>DE</th>
<th>NL</th>
<th>IT</th>
<th>BE</th>
<th>ES</th>
<th>FR</th>
<th>AT</th>
<th>SE</th>
<th>PL</th>
<th>EL</th>
<th>DK</th>
<th>PT</th>
<th>NO</th>
<th>FI</th>
<th>HU</th>
<th>CH</th>
<th>IE</th>
<th>BG</th>
<th>RO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partners</td>
<td>146</td>
<td>95</td>
<td>80</td>
<td>77</td>
<td>69</td>
<td>65</td>
<td>61</td>
<td>40</td>
<td>26</td>
<td>24</td>
<td>23</td>
<td>22</td>
<td>21</td>
<td>20</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>14</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Share</td>
<td>16 %</td>
<td>10 %</td>
<td>9 %</td>
<td>8 %</td>
<td>7 %</td>
<td>7 %</td>
<td>7 %</td>
<td>4 %</td>
<td>3 %</td>
<td>3 %</td>
<td>2 %</td>
<td>2 %</td>
<td>2 %</td>
<td>2 %</td>
<td>2 %</td>
<td>2 %</td>
<td>2 %</td>
<td>2 %</td>
<td>1 %</td>
<td>1 %</td>
</tr>
</tbody>
</table>
Quality of SSH integration in projects funded under SSH-flagged topics in 2014

This indicator aggregates the performance of each project along four dimensions:

- Share of SSH partners
- Budget going to SSH
- Contributions from SSH are well integrated in project abstract, keywords, work packages and deliverables
- Contributions from SSH came from at least two distinct SSH disciplines

The quality of SSH integration in each project:

- **None**  No threshold was met for any of the four dimensions
- **Weak**  Threshold met for one dimension
- **Fair**  Threshold met for two or three dimensions
- **Good**  Threshold met for all four dimensions
Quality of SSH integration in projects funded under SSH-flagged topics in 2014

- Good: 40%
- Fair: 21%
- Weak: 11%
- None: 28%
Share of projects with fair or good SSH integration 2014

% of projects funded under topics flagged SSH
## Discipline prevalence in SSH-flagged topics in 2014

<table>
<thead>
<tr>
<th>Disciplines and clusters of disciplines</th>
<th>Number of projects that include partner-level expertise</th>
<th>Share of projects that include partner-level expertise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics, Business, Marketing</td>
<td>164</td>
<td>53%</td>
</tr>
<tr>
<td>Political Science, Public Administration, Law</td>
<td>116</td>
<td>38%</td>
</tr>
<tr>
<td>Education, Communication</td>
<td>69</td>
<td>22%</td>
</tr>
<tr>
<td>Psychology</td>
<td>58</td>
<td>19%</td>
</tr>
<tr>
<td>Sociology</td>
<td>53</td>
<td>17%</td>
</tr>
<tr>
<td>Humanities, the Arts</td>
<td>29</td>
<td>9%</td>
</tr>
<tr>
<td>Demography, Geography</td>
<td>17</td>
<td>6%</td>
</tr>
<tr>
<td>Anthropology, Ethnology</td>
<td>8</td>
<td>3%</td>
</tr>
<tr>
<td>History</td>
<td>5</td>
<td>2%</td>
</tr>
</tbody>
</table>
Integration of SSH in the 2016-2017 WP

Upstream preparation of the WP:

- SSH as a key aspect in the definition of the focus areas and of other calls in the scoping papers setting the main priorities
- Specific SSH integration item in the agendas of EAG and PC meetings
- Consultation & coaching of services and DGs involved in drafting the WP
- Advocacy and awareness-raising activities focussing on Commission staff and external stakeholders

Evaluation Process:

- SSH experts in the evaluation panels of SSH-flagged topics.
- Targeted guidelines for the experts /moderators of SSH-flagged topics.

Downstream - Development of a monitoring system:

- Annual monitoring report to assess the quality and quantity of the SSH embedding, starting with 2014
How to assign the SSH-flag to topics in WP16-17?

To assign the SSH flag, 'yes' to two key questions:

• Are SSH terminology and research questions (examples provided in WP guidance document) included in the scope section of the topic?

• Will the consortium require SSH partners to adequately and comprehensively address the issue at stake?
## Integration of SSH in the 2016-17 WP

<table>
<thead>
<tr>
<th>Societal Challenge</th>
<th>Total number of topics</th>
<th>Number of SSH flagged topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC1</td>
<td>37</td>
<td>18</td>
</tr>
<tr>
<td>SC2</td>
<td>83</td>
<td>43</td>
</tr>
<tr>
<td>SC3</td>
<td>61</td>
<td>13</td>
</tr>
<tr>
<td>SC4</td>
<td>55</td>
<td>24</td>
</tr>
<tr>
<td>SC5</td>
<td>29</td>
<td>12</td>
</tr>
<tr>
<td>SC6</td>
<td>39</td>
<td>37</td>
</tr>
<tr>
<td>SC7</td>
<td>30</td>
<td>14</td>
</tr>
<tr>
<td>LEIT-ICT</td>
<td>39</td>
<td>10</td>
</tr>
<tr>
<td>LEIT-NMBP</td>
<td>52</td>
<td>11</td>
</tr>
<tr>
<td>LEIT-SPACE</td>
<td>21</td>
<td>1</td>
</tr>
</tbody>
</table>
Integration of SSH in the 2016-17 WP

41% of topics 'flagged' for SSH
Two kinds of topics with SSH relevance

1. **Topics with an SSH component**
   - Multidisciplinary topics where finding a solution requires knowledge and input from both SSH and STEM
   - Consortia submitting proposals will need to include both STEM and SSH partners

2. **Topics dedicated to SSH research**
   - Finding a solution relies on knowledge and input from SSH researchers and practitioners
   - Consortia submitting proposals will mainly consist of partners from various SSH disciplines
Best practices examples

**FOOD (SC2) RUR-01-2016: Consolidated policy framework and governance models for synergies in rural-urban linkages**

[...] Activities should look at economic, environmental and social linkages and dependencies in an integrated way and examine various territorial settings, covering various forms of territorial interaction beyond city-hinterland relationships, including networks of small market towns and other types of more distant, cross-border or international interaction.

**ENERGY(SC3) LCE-32-2016: European Platform for energy-related SSH research**

Within the scope of this call a platform for SSH research communities in the energy field will be set up at European level [...]. The platform will seek to structure and enhance the energy-related dialogue at EU level among the different SSH stakeholders, as well as with other energy-research communities, creating greater inter-disciplinarity and fostering knowledge and information sharing among various disciplines. It will promote the generation of novel, evidence-based research designed to inform and influence relevant policy processes, particularly with respect to the role of SSH aspects (including gender) in hindering or accelerating the transition to a low-carbon energy system in Europe.
Best practices examples

**ICT LEIT ICT-23-2017: Interfaces for accessibility**

Support the development of intelligent, affordable and personalised interfaces and affective computing for people with cognitive disabilities to enable them to undertake everyday tasks and in particular to improve communication and facilitate the uptake and use of digital services. [...] A mix of expertise is necessary including from relevant social sciences and humanities disciplines (e.g. cognitive sciences, psychology, disability studies) and due attention will be paid to the diversity of users and users' needs (e.g. age, gender, socio-economic status).

**HEALTH (SC1) PHC-22-2015: Promoting mental well-being in ageing population**

Proposals should include multi-disciplinary research to improve the understanding, prevention, early diagnosis, and treatment of, mental conditions and disorders of older people. This may include research into physical, psychological, environmental and social determinants of healthy ageing. Proposals may address the role of external or internal determinants of mental health, including e.g. behaviour, resilience, sensory deficits, chronic disease, substance use, socio-economic stressors (e.g. loneliness, poverty, violence, trauma and conflicts), or other physical and environmental stressors. [...], with a high impact on the quality of life of the individual and/or associated with a significant socio-economic burden.
ANNEX

HOW TO PARTICIPATE - PROPOSAL PREPARATION, SUBMISSION AND EVALUATION
H2020 calls – guidance & support

Main body for providing an explanation of the calls and guidance on proposals’ preparation to applicants:
http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html
Participant Portal - Call search

All processes clarified & implemented online via the Participant Portal

- Information
- Submission
- Evaluation
- Selection
- Contracts
- Projects' management
Call details

CALL: CO-CREATION FOR GROWTH AND INCLUSION
Call identifier: H2020-SC6-CO-CREATION-2016-2017
Publication date: 14-10-2015

Call summary
Scene Setter:
Europe has many competitive strengths: the talent and creativity of its people, a strong industrial base, a vibrant services sector, a performing education system, its position as the world’s biggest trading bloc

Topics and submission service
To access the Submission Service, please select the TOPIC of your interest and then open the Submission Service tab. To access existing draft proposals, please login to the portal and select My Proposals from the My Area menu.

Status: ☑Forthcoming ☑Open ☑Closed

Sort by: (Planned) opening date Deadline Topic title Topic identifier

Topic: CO-CREATION-01-2017: Education and skills; empowering Europe’s young innovators ☑Forthcoming
Publication date: 14 October 2015
Types of action: 1A Innovation action
Deadline Model: single-stage
Opening date: 4 October 2016
Deadline: 2 February 2017 17:00:00
Time Zone: (Brussels time)
Topic details

TOPIC: Education and skills: empowering Europe’s young innovators

**Topic Identifier:** CO-CREATION-01-2017

**Publication date:** 14-10-2015

**Types of action:** IA Innovation action

**Deadline Model:** single-stage

**Planned opening date:** 04-10-2015

**Deadline:** 02-02-2017 17:00:00

**Time Zone:** (Brussels time)

**Specific Challenge:**
Creativity, entrepreneurial skills, risk taking, adaptability and innovation capacity, problem solving skills, skills related to effective teamwork and sharing information and knowledge, may all be key.

**Topic conditions and documents:**
Please read carefully all provisions below before the preparation of your application.

**Submission Service:**
The submission system is planned to be opened on the date stated on the topic header.

**Get support:**
**H2020 Online Manual** your online guide on the procedures from proposal submission to managing your grant.
Proposal preparation & submission

Electronic, through the Participant Portal, topic details:

- PP Online Manual => Submit a Proposal
Proposal structure

1. Electronic administrative forms ("Part A" of the proposal)

2. Research proposal and possible annexes ("Part B" – pdf.)
Proposal evaluation – eligibility

✓ Submission deadline (date – 17:00:00 – BRUSSELS TIME!)
✓ Eligible countries (Part A of General Annexes to the Work Programme)
✓ Member States of the EU, including their overseas departments
✓ Associated Countries (to the Horizon 2020)
✓ Third Countries - With the EU contribution
✓ International European interest organisations

The legal entities established in the “industrially developed” third countries and international organisations can be partners in the consortium but are normally not eligible for the EU funding unless:

   It is explicitly foreseen in the call. In addition,

   When funding for such participants is provided for under a bilateral scientific and technological agreement or any other arrangement between the EU and an international organisation or a third country;

   When the Commission deems participation of the entity essential for carrying out the action funded through Horizon 2020;

Proposal evaluation – evaluation/award criteria

Proposal is evaluated by at least 3 external experts who consider:

- Evaluation criteria - Part H of General Annexes to the Work Programme
No more grant negotiation phase after the selection for funding!
The time from submission of a proposal, evaluation and signature of the grant has been reduced to a maximum of 8 months

5 months
from submission deadline
for informing all applicants on scientific evaluation

3 months
for signature of Grant Agreement

What does this mean for the evaluation of proposal?

− Experts evaluate each proposal as submitted not on its potential if certain changes were to be made

− They do not recommend substantial modifications – i.e. no changes of partners, additional work packages, significant budget or resources cut, additional scientific activities to strengthen the concept, trans-disciplinary aspects not appropriately covered...

− If experts identify significant shortcomings, they must reflect them in a lower score for the relevant criterion. Proposals requiring substantial modifications are not expected to pass the relevant thresholds
H2020 experts - Role of experts

- Independent experts evaluate proposals submitted in response to a given call
  - Significant funding decisions will be made on the basis of their assessment

- Guiding principles for experts' evaluations:
  - Independence
  - Impartiality (equal treatment of proposals, evaluation on their merits)
  - Objectivity
  - Accuracy
  - Consistency

- Experts must not have a conflict of interest
Becoming a Horizon 2020 expert

Subscribe to the experts database in the Participant Portal by
1. Creating ECAS password
2. Creating "Expert profile" in the database (be as detailed as possible)
More information needed?

HORIZON 2020

SOCIETAL CHALLENGE 6 - WORK PROGRAMME 2016/2017:

REFERENCE DOCUMENTS AND GUIDELINES FOR APPLICANTS:

HORIZON 2020 HELPDESK:
http://ec.europa.eu/research/index.cfm?pg=enquiries

H2020 Online Manual:

H2020 Glossary: