*** Please note that this document ***

- only has a draft status (do not communicate with the European Commission about the content)

- is confidential (only share selected paragraphs of the text and not the whole document)

ANNEX 19 TO THE DECISION

WORK PROGRAMME 2014 – 2015

16.   Science with and for Society

(European Commission C(2013)XXX of XX December 2013)

TABLE OF CONTENTS

Introduction

The part of the Work Programme will help build effective cooperation between science and society, to recruit new talent for science and to pair scientific excellence with social awareness and responsibility.

The strength of the European science and technology system depends on its capacity to harness talent and ideas from wherever they exist. This can only be achieved if a fruitful and rich dialogue and active cooperation between science and society is developed to ensure a more responsible science and to enable the development of policies more relevant to citizens. Rapid advances in contemporary scientific research and innovation have led to a rise of important ethical, legal and social issues that affect the relationship between science and society. Improving the cooperation between science and society to enable a widening of the social and political support to science and to technology in all Member States is increasingly a crucial issue that the current economic crisis has greatly exacerbated. Public investment in science requires a vast social and political constituency sharing the values of science, educated and engaged in its processes and able to recognise its contributions to knowledge, to society and to economic progress.

'Science with and for Society' will be instrumental in addressing the European societal challenges tackled by Horizon 2020, building capacities and developing innovative ways of connecting science to society. It will make science more attractive (notably to young people), raise the appetite of society for innovation, and open up further research and innovation activities, allowing all societal actors (researchers, citizens, policy makers, business, third sector organisations etc.) to work together during the whole research and innovation process in order to better align both the process and its outcomes with the values, needs and expectations of European society. This approach to research and innovation is termed Responsible Research and Innovation (RRI).

RRI is a cross-cutting issue in Horizon 2020 and will be taken up by all activities as appropriate. In practice, RRI is a package aiming to better engage society in research and innovation activities. RRI governance has become itself a field of experimentation and innovation exploring the 5 following keys: societal engagement, gender equality and gender in research and innovation content, open access, science education and ethics. 'Science with and for Society' will further develop, disseminate and support good RRI practices all across Europe.

For the years 2014-2015, the calls for proposals shall focus on:

- 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);

Horizon 2020 Cross-Cutting Issues will be supported as appropriate through the 4 calls and in particular:

1. All calls are taking up and supporting Responsible Research and Innovation, one of them being specifically dedicated to Gender equality;

2. The participation of third countries and international organisations is welcome. Funding will be subject to existing agreements;

3. Most of the activities will require the establishment of multi-stakeholder consortia, including from Social Sciences and Humanities, SMEs and Civil Society Organisations, philanthropic organisations, etc.

4. It is expected that all activities funded under Science with and for Society demonstrate their innovative character as well as their economic, social and environmental sustainability;

5. All calls will be instrumental in the completion of the European Research Area.

Call for Making Science Education and Careers Attractive For Young People

H2020 – SEAC – 2014/15

Knowledge-based societies need to make science education and careers attractive for young people in order to allow scientifically literate citizens to actively participate all along their life to their development, and to enable them to opt for a scientific career.

To reach this objective, this call will aim at:

- Developing scientific citizenship by promoting innovative pedagogies in science education, attracting more young people towards science, with a special emphasis on girls, and addressing the challenges faced by young people, in pursuing careers in science, technology, engineering and innovation;
- Developing Responsible Research and Innovation in Higher Education Curricula;
- Easing the access to scientific careers by increasing the service level of the EURAXESS Services Network.

These activities are targeted to citizens and their associations or groupings, with primary, secondary and higher education establishments, science museums, but also media, artists, creative industries, as well as researchers and innovators, policy makers at national, regional and local levels, etc.

The expected outcome of European Commission actions is to improve the science-literacy and the responsibility of citizens as well as their access to scientific careers.

SEAC.1.2014.2015 - Innovative ways to make science education and scientific careers attractive to young people

Specific challenge: The Union needs all its talents to boost its creativity and its competitiveness. It needs an innovative science education that allows citizens to play an active role in the Research and Innovation process, to make informed choices and to engage in a democratic, knowledge-based society. It needs young boys and girls to pursue careers in science, technology, engineering and innovation, in line with Responsible Research and Innovation to reach the objective of a R&D intensity of 3% of GDP the Union needs. Yet it has been increasingly difficult to attract adequate numbers of young people, in particular girls, to these domains, and to avoid a brain-drain of talent from Europe. There is therefore an urgent need for innovative and effective methods raising the attractiveness of science education and scientific careers and boost the interest of young people – girls in particular - in maths, science and technology studies and careers.

Scope: The action aims to support activities, which will raise young boys and girls' awareness of the different aspects encompassing science and technology in their societal content and to address the challenges faced by young people, and in particular girls, in pursuing careers in science, technology, engineering and innovation.. It aims at bringing both girls and boys into the scientific world via formal and informal learning and to orient them towards undertaking scientific careers. Projects shall focus on innovative, forward-looking science education methods. Activities may inter alia make young people work with open-access resources; make the link between creativity and science;

appreciate the relevance of gender balance and gender dimension in research; understand the practical value of research ethics and integrity. During grant agreement negotiation, links will be established with SCIENTIX - The Community for Science Education in Europe. Proposals will include and describe a methodology for impartially assessing the activities implemented throughout the project against their objectives and expected impacts.

The action will also foster sustainable and cross-cutting interaction between the education system, research institutions, industry, Civil Society Organisations, and awareness of trans-disciplinary research and Responsible Research and Innovation in the education system

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: In the short term, the action will coordinate and leverage Member States activities with respect to innovative approaches in the field of science education and scientific careers. In the medium term, the action will position EU research teams on the map as leaders in innovative science education methods and meeting Europe's targets regarding R&D intensity and competiveness; it will increase the number of researchers and innovators, including women, in the public sector and in industry who will be able to better address societal challenge. As a result, in the long term, the action will contribute towards achieving the Europe 2020 education target by improving maths and science skills among young people (less than 15% of pupils under-performing by 2020) and to increasing the range of innovative products that reflect societal needs.

Type of action: Research and Innovation Actions; Coordination and Support Actions.

***The conditions related to this topic are provided along with the general conditions for this call**. [Link to end of the description of the call]*

SEAC.2.2014 - Responsible Research and Innovation in Higher Education Curricula

Specific challenge: This topic will raise the importance and uptake of Responsible Research and Innovation (RRI) in Europe and beyond, via the design, production and dissemination of educational material and curricula for use by universities and other higher education establishments, and their incorporation into educational programmes. The embedding of RRI in curricula will help universities to shape more responsible and responsive researchers, able to better frame their research in a societal context, necessary for tackling societal challenges more effectively and in a more transdisciplinary manner.

Scope: The action assists the development of openly available curricula that embed all five RRI keys, in a comprehensive approach for students, teachers, professional trainers and academic staff of universities and other higher education establishments. Inspiration and good practices may be drawn from both the EU and third countries. Universities, other higher education establishments, research organisations and relevant institutions, as well as associations thereof, national science academies, and civil society organizations (CSOs), should work together to explore the state of the art and develop a comprehensive methodological approach for RRI curricula. The creation of partnerships to this end

would be an asset. Participants shall provide ways for the testing, dissemination and widespread uptake of course material by academia in Europe and elsewhere. Ideally, both curricula and practical case-studies, theoretical and practical exercises, also embedding policy relevance, should be made easily and freely accessible on-line using the latest multimedia support. The activity shall benefit stakeholders, including business and industry, beyond participants in several educational systems in Europe; materials/results shall be equally relevant to other countries. Proposal will identify the choice of the countries be based on transparent, appropriate criteria. An International Cooperation dimension is essential. A link shall be established with RRI Tools – a project to foster Responsible Research and Innovation for Society, with Society; links shall also be made with the education experts of the project's Advisory Board. Moreover, working on making a link – where applicable – with the cooperation and partnerships pillar of Erasmus+ programme is welcome.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: Activities will enhance universities and higher education establishments' social involvement and their role with and for society through the five RRI keys. It will provide future researchers and innovators with tools, skills and qualifications that facilitate and ensure engagement with society. Commission action will position EU Higher Education Institutions (HEI) at a competitive advantage vis-a-vis their global partners. In the medium term, it will leverage complementary activities at regional and Member States level. It will kick start global debate on the setting of standards for the incorporation of RRI in Higher Education curricula. In the long term, seeding RRI principles at the earliest possible stage will reduce the training costs for Member States, and increase the social benefit and social relevance of European R&I.

Type of action: Coordination and Support Actions.

***The conditions related to this topic are provided along with the general conditions for this call**. [Link to end of the description of the call]*

SEAC.3.2014 – Trans-national operation of the EURAXESS Service network

Specific challenge: EURAXESS will help making a career in European research institutions more attractive, both for researchers in Europe who are facing career decisions and for those who are currently outside Europe and might consider relocating to Europe to develop their research careers here. By increasing the service level of the whole EURAXESS Services Network the benefit for the research community will be long-lasting and far-reaching.

Scope: The objective of the action is to further diversify the services provided by the EURAXESS Service Centres to take care of the career development of mainly young researchers in Europe. A particular focus shall be on female university students and researchers, including mobile and non-mobile ones, with the aim to contribute to the completion of the ERA and the Responsible Research and Innovation field. This action will support activities the EURAXESS Service Network represented by Bridgehead

organizations to address strategic issues related to further widening of the services - from mainly mobility-related to new services. These include for example the set-up of career development centres and/or support for dual careers, better integration of researchers into the culture of the host country, as well as   mentoring and tutorial programmes for researchers. Other services for researchers may be proposed: for instance, national EURAXESS website shall provide policy information as provided on the European EURAXESS portal about EU research policies for researchers and their careers. This includes, issues related to ERA and Responsible Research and Innovation, Open Access. in cooperation with existing coordination and support actions (e.g. OpenAIRE, RECODE, FOSTER); , dedicated gender-specific information on the following: returners' schemes (e.g. fellowships or other opportunities aimed at researchers who had a career break, so to facilitate their re-entry), programmes aimed at female researchers and the promotion of Universities and research organisations having in place a Gender Equality Plan . Activities such as the deepening of existing services through trainings, seminars, networking and updating of national EURAXESS portals shall also be part of this action.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: Increased job and funding opportunities on the EURAXESS Jobs portal and personalised assistance to researchers will accelerate the career development of young researchers, in particular female researchers. In the medium term, the action will produce efficiency gains and reduce transaction costs by creating a better match of existing talent and R&I needs and capacity in European research institutions. It will contribute directly to the Horizon 2020 objective of cross-national and international circulation of researchers; it will increase the number of researchers who have access to research infrastructures through Union support and the number of excellent researchers overall. It will contribute to meeting ERA objectives on gender equality. Over time, the action will contribute directly towards European targets on R&D intensity and percentage of researchers in the active population, and to boost European research competitiveness.

Type of action: Coordination and Support Actions.

The conditions related to this topic are provided along with the general conditions for this call. [*Link to end of the description of the call*]

SEAC.4.2015 - EURAXESS outreach activities

Specific Challenge: The EURAXESS initiative with its four pillars is an important tool for the development and implementation of our policies on researchers' mobility and careers thus contributing to the completion of the ERA and to the implementation of the Responsible Research and Innovation field. Two specific challenges are tackled in this topic targeting an open and transparent labour market for researchers by outreaching to industry and by building a human resources strategy for researchers.

Lot 1- Outreach to industry

There is a clear need to raise the awareness of industrial organisations (both large companies and SMEs) of the opportunities offered by EURAXESS Services and Jobs. Their expectations and possible demands to support the removal of obstacles hindering the collaboration between public and private sectors in research and innovation need to be better assessed and met.

Scope: This action aims at providing EURAXESS service centres with tools to increase the uptake/use of the EURAXESS portals and services by the industry sector. Initiatives shall be supported that have proven to increase the level of interaction of industry with EURAXESS portals and services for the benefit of Responsible Research and Innovation. This topic will support strategic activities to enhance collaboration with industry by EURAXESS Services Network's members that have signed the Declaration of Commitment. This shall include special IT applications for the national EURAXESS portals and mapping of specific needs of the industry sector. Activities such as trainings, seminars, networking and updating of national EURAXESS homepages shall also be part of this action. In this context information and guidance on Responsible Research and Innovation shall be provided for researchers & employers, taking-up and further the information and training material produced by the RRI Toolkit (FP7 RRI TOOLKIT project). In cooperation with relevant projects and initiative, EURAXESS shall provide guidance on how making research open access can be beneficial for the career development of researchers as well as offering benefits to industry. Gender equality shall also be taken into account in the activities. Interoperability between national EURAXESS portals and the European one (especially EURAXESS Jobs) shall be foreseen.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Lot 2: Accelerating the open labour market for researchers - Pilot call Accreditation for Human Resources Strategy for Researchers

Specific Challenge: More and more funders and employers of researchers recognise the importance of making research careers in Europe more attractive and enabling the researchers to undertake work of a high calibre. The time is right to build upon this initiative through the introduction of a certification/accreditation scheme to measure the quality of Human Resources Management in research. Improving Human Resources (HR) will increase the attractiveness of European research careers, particularly for early stage researchers and young people considering research as a career option.

Scope: This action will work towards establishing a system for the certification of genuinely 'good human resources management', primarily in the public research sector. The systems shall also include the accreditation of certifying bodies. Proposals may include the use of existing accreditation and certification bodies or the creation of a new body or bodies. The resulting scheme must be pan-European while responding to national variations.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: It is expected that this new EURAXESS initiatives will significantly contribute to kick-start and advance careers of researchers. While making more industrial job and funding opportunities available on the EURAXESS Jobs portal, the second activity aims at contributing to improve working conditions for researchers, as institutional barriers are removed, in turn enabling them to focus on producing excellent research.

In the medium term the actions will produce efficiency gains for employer and open up the labour market for researchers. In the long term, the schemes will increase mobility of talent across Europe and from third countries into Europe.

Type of action: Coordination and Support Actions.

The conditions related to this topic are provided along with the general conditions for this call. [*Link to end of the description of the call*]

CONDITIONS FOR THIS CALL

Publication date: at 17.00.00 Brussels time

Deadline(s): *XX in year 2014*
YY in year 2015

SEAC.1.2014 SEAC.2.2014 SEAC.3.2014	DDMM 2014 at 17.00.00 Brussels time	
SEAC.1.2015 SEAC.4.2015		DDMM 2015 at 17.00.00 Brussels time

Indicative budget: [*Link to the relevant option on "margin of manoeuvre"*]

Overall indicative budget: EUR 12.2 million from the 2014[1] budget and EUR 10.4 million from the 2015[2] budget

	2014 EUR	2015 EUR	
SEAC.1.2014-2015	5.6 million	7.4 million	Single stage
SEAC.2.2014	3 million		Single stage
SEAC.3.2014	3.6 million		Single stage
SEAC.4.2015		3 million	Single stage

Eligibility conditions:

SEAC.1.2014-2015	The standard eligibility conditions for Research & Innovation Action and for Coordination & Support Action apply. Please read carefully the provisions [*Link to the annex on standard eligibility conditions*] under Annex X before the preparation of your application.
SEAC.2.2014 **SEAC.3.2014** **SEAC.4.2015**	The standard eligibility conditions for Coordination & Support Action apply. Please read carefully the provisions [*Link to the annex on standard eligibility conditions*] under Annex X before the preparation of your application.

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[1] Subject to the adoption of the draft budget 2014 by the Budgetary Authority without modifications of the appropriations foreseen on the corresponding budget lines 08.020306 and 09.040302 or the availability of appropriations in 2014 under the rules of provisional twelfths referred to in Article 315 of TFEU.

[2] These amounts will be included in the financial decision for 2015.

Evaluation criteria:

SEAC.1.2014-2015	The standard evaluation criteria for Research & Innovation Action and for Coordination & Support Action apply. Please read carefully the provisions [Link to the annex on standard evaluation criteria] under Annex X before the preparation of your application.
SEAC.2.2014 **SEAC.3.2014** **SEAC.4.2015**	The standard evaluation criteria for Coordination & Support apply. Please read carefully the provisions [Link to the annex on standard evaluation criteria] under Annex X before the preparation of your application.

Evaluation procedure: [*Link to the annex on standard evaluation procedure*]
At least 1 proposal per topic will be selected for funding provided it passes all evaluation thresholds.

- Proposal page limits and layout: *[as appropriate]*

- Indicative timetable for evaluation and grant agreement[3]:

call identifiers	Information on the outcome of the evaluation (*single or first stage*)	Information on the outcome of the evaluation (*second stage*)	Indicative date for the signing of grant agreements
SEAC.1.2014-2015 **SEAC.2.2014** **SEAC.3.2014** **SEAC.4.2015**	Maximum 5 months after the deadline	-	Maximum 8 months after the deadline

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[3]   Should the call publication postponed, the dates in this table should be adjusted accordingly.

Call for promoting Gender Equality in Research and Innovation

H2020 – GERI – 2014/2015

The European Union aims to eliminate inequalities and to promote equality between men and women in all its activities, including in Research and Innovation. Promoting gender equality is one of the key priorities of a "Reinforced European Research Area Partnership for Excellence and Growth". The Member States are invited to remove barriers to the recruitment, retention and career progression of female researchers, address gender balance in decision making and strengthen the gender dimension in research programmes. Horizon 2020 promotes gender equality in particular by supporting structural changes in the organisation of research institutions and the gender dimension in the content and design of research activities.

To reach this objective, the activities of this Call will aim at:

- Encouraging girls to study science and further embrace a career in research;
- Analysing the impact of gender diversity in research teams on research and innovation outcomes;
- Developing a common framework to evaluate national initiatives to promote gender equality in research policy and research organisations;
- Supporting research organisations to implement gender equality plans.

These activities are targeted to researchers and innovators, research organisations, primary, secondary and higher education establishments, science museums, citizens and their associations or groupings, media, policy makers at national, regional and local levels, etc.

The expected outcome of European Commission actions is to increase the participation of women in research, improve their careers, achieve gender balance in decision making and further the integration of gender dimension in research and innovation.

GERI.1.2014- Innovative approach to communication encouraging girls to study science

Specific challenge: To attract more women to research careers, the Commission launched in 2012 the communication campaign "Science: it's a girl thing!", which aims at encouraging 13-18 years old girls to study science. Young people often make career-critical decisions at this age and either orientate towards or away from scientific subjects. Although girls have the same ability in science and technology as boys, they tend to drop out more than boys from Science, Technology and Mathematics (STEM) to pursue other subjects. The campaign challenges stereotypes concerning scientific careers and shows that science can offer a range of opportunities for girls' future careers.

Scope: This topic will support awareness raising activities (workshops, seminars, hands-on activities, etc.) to be carried out in the frame of the campaign "Science it's a girl thing". Activities will bring together actors such as schools, science museums; research centres (etc.), strengthening their relations and interactions.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: In the short term, the action will increase the participation and interest of girls in science studies. It will foster greater awareness of science teachers to gender issues. And it will encourage sustainable collaboration among schools, science museums, research centres, on gender equality in science. In the long term, it will contribute towards European Research Area objectives, by increasing the number of female researchers in Europe. It will also contribute to the Innovation Union objectives by better matching skills to available jobs.

Type of action: Coordination and Support Actions.

***The conditions related to this topic are provided along with the general conditions for this call**. [Link to end of the description of the call]*

GERI.2.2015 - Impact of gender diversity on Research & Innovation

Specific challenge: Some studies have explored in specific fields (e.g. ICT) and countries the impact of gender diversity on innovation in terms of productivity, performance and relevance to society (e.g. number of publications and of patents, market shares). However gender diversity in teams and organisations has not yet been systematically analysed.

Scope: The research will develop concepts and methodologies for the evaluation of the impacts of gender diversity in research teams and organisations on research quality and productivity, as well as on innovation; apply the concepts and methodologies developed to a selected range of sectors using a comparative approach across countries.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: The research will provide a better understanding of the relationship between gender diversity and Research and Innovation performance. In the medium term, it shall help develop mixed research teams, therefore improve research intensity and productivity.

Type of action: Research and Innovation Actions.

***The conditions related to this topic are provided along with the general conditions for this call**. [Link to end of the description of the call]*

GERI.3.2014 - Evaluation of initiatives to promote gender equality in research policy and research organisations

Specific challenge: In the field of research, initiatives have been developed in European countries and beyond aiming at promoting gender equality. They include direct support to female researchers' careers, specific awards, gender balance in decision-making, the

integration of a gender dimension in research and programmes. Some initiatives have a more comprehensive scope such as charters, performance agreements and gender equality plans. Others are tied with the funding of research organisations and universities. They may have been initiated by public authorities or private organisations. Few of these initiatives have been evaluated so far and there is no common framework methodology to conduct such evaluations in Europe.

Scope: The research shall develop concepts and methodologies for the evaluation of initiatives mentioned above aimed at achieving three main objectives: equal participation and progression in research careers, gender balance in decision-making and the integration of a gender dimension in research content and programmes. The proposed evaluation framework shall also encompass analysis of impacts:

- on research quality and productivity as well as innovation
- on research organisations and Universities in terms of structure, efficiency, competitiveness, quality of the workplace, recruitment capacity,
- at research system level in terms of intensity and productivity.

The proposed framework covers a selected range of initiatives from several EU countries using a comparative approach. It will contribute to develop a common understanding of the reach, value and limits of such evaluations.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: The research will provide concepts and methodologies fitted to conduct evaluation of gender equality initiatives in Europe. It shall also provide a better understanding of the impacts of current gender equality initiatives and help identify best practices to be promoted. In the medium term, it will help adapt gender equality initiatives and increase their efficacy, leading to an improved research intensity and productivity and furthering the progress towards the achievement of the European Research Area.[4]

Type of action: Research and Innovation Actions.

***The conditions related to this topic are provided along with the general conditions for this call**. [Link to end of the description of the call]*

GERI.4.2014-2015 - Support to research organisations to implement gender equality plans

Specific challenge: Gender equality is a key priority of the European Research Area Communication. "A Reinforced European Research Area: Partnership for Excellence and Growth"[5], which invites Member States, research performing organisations (RPOs),

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[4]   COM(2012) 392 final

[5]   COM(2012) 392 final

including universities, as well as research funding organisations (RFOs) to take action to promote gender equality in R&I with the following objectives:

- Removing barriers to the recruitment, retention and career progression of female researchers;
- Addressing gender imbalances in decision making processes;
- Strengthening the gender dimension in research programmes.

Scope: The action provides financial support to RPOs and RFOs in order to support systemic institutional changes, in particular through the implementation of Gender Equality Plans (GEPs). GEPs shall:

- Conduct impact assessment / audit of procedures and practices in order to identify gender bias at organisation level, including relevant data on HR management, teaching and research activities;
- Implement innovative strategies to address gender bias; this may include family-friendly policies (e.g. work schedule's flexibility; parental leave; mobility, dual-career couples); gender planning and budgeting; training on gender equality in Human Resources (HR) management; develop the gender dimension in research content and programmes; integrating gender studies in university curricula;
- Set targets and monitor progress via indicators at organisation level.

The organisations involved in the consortium shall be at a starting stage in the setting-up of gender equality plans and should ensure the support from their highest management level. The proposals shall include a first assessment of gender issues in each partner organisation. They shall also situate the planned GEPs in relation with existing national provisions relating to gender equality in research, and explain how they will contribute to the achievement of the European Research Area (ERA)6 objectives on gender equality. The proposal will include a methodology for impartially monitoring and assessing the progress made throughout the duration of the project. This activity could be dedicated to a specific partner organisation or subcontracted. This action will be further promoted through the EURAXESS initiative SEAC.3.2014 Trans-national operation of the EURAXESS Service network.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: The activities will increase the number of RPOs and RFOs implementing gender equality plans pursuing the three objectives mentioned in the challenge. In the medium and in the longer term, activities will contribute to the achievement of ERA in particular by increasing the number of female researchers, improving female researchers' careers and mobility, thus contributing to research intensity. The integration of the gender dimension in research programmes and content will improve the social value of innovations and the fitness for purpose of innovative products.

Type of action: Coordination and Support Actions.

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6   COM(2012) 392 final.

The conditions related to this topic are provided along with the general conditions for this call. [*Link to end of the description of the call*]

CONDITIONS FOR THIS CALL

Publication date: at 17.00.00 Brussels time

Deadline(s):   *XX* in year 2014
YY in year 2015

GERI.1.2014 GERI.3.2014 GERI.4.2014	DDMM 2014 at 17.00.00 Brussels time	
GERI.2.2015 GERI.4.2015		DDMM 2015 at 17.00.00 Brussels time

Indicative budget: [*Link to the relevant option on "margin of manoeuvre"*]

Overall indicative budget: EUR 9.5 million from the 2014[7] budget and EUR 9 million from the 2015[8] budget

	2014 EUR	2015 EUR	
GERI.1.2014	1.5 million		Single stage
GERI.2.2015		2 million	Single stage
GERI.3.2014	1 million		Single stage
GERI.4.2014-2015	7 million	7 million	Single stage

Eligibility conditions:

GERI.2.2015 GERI.3.2014	The standard eligibility conditions for Research & Innovation Action apply. Please read carefully the provisions [*Link to the annex on standard eligibility conditions*] under Annex X before the preparation of your application.
GERI.1.2014 GERI.4.2014-2015	The standard eligibility conditions for Coordination & Support Action apply. Please read carefully the provisions [*Link to the annex on standard eligibility conditions*] under Annex X before the preparation of your application.

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[7] Subject to the adoption of the draft budget 2014 by the Budgetary Authority without modifications of the appropriations foreseen on the corresponding budget lines 08.020306 and 09.040302 or the availability of appropriations in 2014 under the rules of provisional twelfths referred to in Article 315 of TFEU.

[8] These amounts will be included in the financial decision for 2015.

Evaluation criteria:

GERI.2.2015 GERI.3.2014	The standard evaluation criteria for Research & Innovation Action apply. Please read carefully the provisions [Link to the annex on standard evaluation criteria] under Annex X before the preparation of your application.
GERI.1.2014 GERI.4.2014-2015	The standard evaluation criteria for Coordination & Support apply. Please read carefully the provisions [Link to the annex on standard evaluation criteria] under Annex X before the preparation of your application.

Evaluation procedure: [*Link to the annex on standard evaluation procedure*]
At least 1 proposal per topic will be selected for funding provided it passes all evaluation thresholds.

- Proposal page limits and layout: *[as appropriate]*

- Indicative timetable for evaluation and grant agreement[9]:

call identifiers	Information on the outcome of the evaluation (*single or first stage*)	Information on the outcome of the evaluation (*second stage*)	Indicative date for the signing of grant agreements
GERI.1.2014 GERI.2.2015 GERI.3.2014 GERI.4.2014-2015	Maximum 5 months after the deadline	-	Maximum 8 months after the deadline

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[9] Should the call publication postponed, the dates in this table should be adjusted accordingly.

Call for integrating Society in Science and Innovation

H2020 – ISSI – 2014/2015

Citizens' interests and values need to be better integrated into science, technology, research and innovation issues, policies and activities. This integration will increase the quality, relevance, social acceptability and sustainability of research and innovation outcomes in various fields of activity from social innovation to nanotechnology. This integration will be made possible by promoting Responsible Research and Innovation, i.e. the engagement of citizens and society in a co-creative research and innovation process.

Responsible Research and Innovation are part of the effort to establish the European Research Area and fulfil the commitment of the Innovation Union. In 2014 and 2015, Science with and for Society will promote and further the understanding of Responsible Research and Innovation by combining actions aiming at:

- Developing citizens' interest and capacities for science and allowing them to actively participate in various scientific activities (e.g. exhibitions and science cafés, grass roots "Do It Yourself" (DiY) creative re-use communities, on-line mechanisms for knowledge-based policy advice);
- Fostering the dissemination of information and good practices through a Knowledge Sharing Platform (KSP), including networking, monitoring and assessing relevant initiatives;
- Supporting structural change in the research organisation to promote Responsible Research and Innovation;

These activities are targeted to citizens and their associations or groupings, researchers and innovators, research organisations, policy and decision makers at national, regional and local levels, primary, secondary and higher education establishments, science museums, media, artists, creative industries, etc.

The expected outcome of European Commission actions is a net improvement of the integration of society in science and innovation.

ISSI.1.2014.2015 - Pan-European public outreach: exhibitions and science cafés engaging citizens in science

Specific challenge: This topic will organise public outreach exhibitions and participatory events throughout the whole of Europe to engage citizens in science, drawing on the experience and capacity of science museums, universities, science shops, scientific centres of excellence and innovation hubs, cities of scientific culture (e.g. building on the FP7 PLACES initiative), but also grass root Do It Yourself (DiY) creative re-use communities (like movements, etc.), secondary schools, higher education centres, Non-Governmental Organisations (NGOs) and civil society organizations, local public authorities and other relevant stakeholders. The topic will take-up and further develop the information and training material produced by the RRI Toolkit developed by the FP7 project RRI Toolkit.

Scope: Exhibitions and participatory events will be interactive and adapted to local/regional conditions (i.e.: use of relevant case-studies) and will take place in the local languages. Exhibits will provide material for dissemination and make use of existing multimedia and other relevant technology (e.g.: social media, virtual reality, scenarios, gaming, etc.) and will employ inclusive participatory techniques to engage with multiple publics (children, youth, women, adults, and other relevant stakeholders). Alongside the exhibitions, the topic will also establish regular 'science cafés' in informal settings, during which emerging science and technology issues and their Responsible Research and Innovation dimension (e.g. debating the pros and cons of shale gas extraction, personalised medicine, energy mix) can be debated, engaging citizens and other relevant experts and local actors. Public feedback of exhibits and the outcomes of deliberations will be collected and analysed in a structured way, to guide an internal learning process and provide policy support.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: In the short term, this action will increase public awareness of science and of Responsible Research and Innovation. In the medium term, it will build capacity of local science actors and public authorities to engage with citizens on science and innovation, leading to more public engagement activities after the end of the project. Equally, it will directly encourage more citizens, including women, to participate in science. It will encourage user-led and frugal innovation, and mobilise social resources in the knowledge transfer of ideas - from social imagination to practical implementation. In the long term, it will channel to policy makers at different levels external advice and societal inputs regarding appropriate R&I policies (as per Art. 12 and 14 of the H2020 Regulation).

Type of action: Coordination and Support Actions.

The conditions related to this topic are provided along with the general conditions for this call. [*Link to end of the description of the call*]

ISSI.2.2014 - Citizens and multi-actor engagement for scenario building

Specific challenge: This action aims to empower and draw on the collective intelligence of citizens to examine the role of research and innovation via future scenarios and visions of desirable sustainable futures. It will connect scientists, stakeholders and citizens (including youth) in building shared understanding.

Scope: This action, which follows on from the FP7 VOICES initiative, will develop and implement methodologies for pan-European and multi-lingual face-to-face participatory and inclusive workshops with citizens (including youth, women) and other stakeholders, to devise scenarios, visions and storylines in relation to desirable sustainable European research and innovation futures. The visions and scenarios will consider future expected advances in science and their impact on technology, society, economy, gender, health, and the environment. The deliberations will target at least three Societal Challenges of Horizon 2020. The use of support tools for the interactive exploration of "what if" questions, resulting trade-offs and scenario building, are encouraged. This may include a

mix of participatory multi-criteria analysis, virtual reality techniques, collaborative Geographical Information System (GIS), and integrated assessment modelling, to enhance citizen understanding and exploration of desirable futures. The methods must take on a pan-European and multilingual dimension through their deployment in 28 Member States (and some selected Associate Countries). In parallel to the face-to-face workshops, a dedicated participatory on-line consultation will be launched (building on relevant Eurobarometer studies, the Special Initiative and the Futurium platform, etc.). The outcomes of the consultations will be compared with those from other expert-based foresight and prospective studies to assess the relative merits of citizen focussed consultations for inspiring research and innovation policy development and implementation. The outcome of this topic shall provide inputs to the 2016-2017 Horizon 2020 Work programmes and other relevant EU policy initiatives.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: In the immediate future, this action will generate further engagement of citizens and scientific stakeholders in envisioning socially desirable futures, with a view of inspiring future research, innovation and public policies as a means to achieve these futures. In the medium term, it will contribute to enhanced understanding of the likely effects of scientific progress, to increased scientific literacy in society, and will enhance policy-makers' ability to set scientific courses in line with societal needs and aspirations.

Type of action: Coordination and Support Actions.

***The conditions related to this topic are provided along with the general conditions for this call**. [Link to end of the description of the call]*

ISSI.3.2015 – Knowledge Sharing Platform

Specific challenge: Evidence from FP6 Science and Society (S&S) and FP7 Science in Society (SiS) programmes shows that more consistent policy development in Science and Technology requires systematic cooperation and a shared knowledge base on which European, national and sub-national research and innovation policy decisions can be drawn from.

Scope: The topic aims to foster the sharing of 'Science With and For Society' experience and know-how in Europe, and beyond. Activities shall envisage building a Knowledge Sharing Platform (KSP) to federate RRI communities and make RRI and its key dimensions more effective research and innovation policy-support tools. It will simultaneously operate and draw from the networking of relevant projects, service contracts and actors. Furthermore, the KSP will provide an RRI assessment and good practice function, and will disseminate and advocate findings with a view to strengthen European leadership in the governance of RRI in both policy-relevant and thematic European and global fora corresponding to the Horizon2020 Societal Challenges. The KSP will use a variety of means of exchange, employing e.g. direct face-to-face meetings, participatory processes as well as social media and modern ICT and multimedia tools (non-exhaustive list).

The Knowledge Sharing Platform (KSP) will hold Mobilisation and Mutual Learning workshops to provide a platform for researchers, practitioners, national *Science with and for Society* -related programme managers and policy-makers and other stakeholders to reflect upon, share, assess, consolidate and transfer experiences and lessons learnt from FP6 and FP7 projects, activities, methodologies and outcomes. Furthermore, this action also aims to support the Science with and for Society Community by facilitating new and lasting partnerships, fostering joint visions and positions amongst constituencies.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: This action will federate RRI actors and communities, consolidate and advance knowledge on science in society e in Europe and will improve access to existing knowledge, know-how and experience, thereby reducing institutional costs and efforts of in applying RRI principles. In the medium term, it will facilitate the spill-over of RRI to regions of Europe that are currently lagging behind. In the long term, it will position EU research teams on the map as leaders in the global governance of research.

Type of action: Coordination and Support Actions.

***The conditions related to this topic are provided along with the general conditions for this call**. [Link to end of the description of the call]*

ISSI.4.2015 - On-line mechanisms for knowledge-based policy advice

Specific challenge: In a global perspective Europe can gain from effective knowledge-based decision-making, widening its knowledge base beyond science, not the least with regard to science, technology and innovation (STI) governance itself. This requires a combined effort of a) establishing national capacity for knowledge-based policy advice across Europe, b) establishing common methodological frameworks, and c) increasing the volume and effectiveness of cross-European collaboration in order to create European added value. Initiatives have been taken towards such a development, including Mobilisation and Mutual Learning Action Plans (MML) and research in Responsible Research and Innovation frameworks, methodologies, participation. However, the potential of developing on-line services for such goals is yet unexplored.

Scope: The on-line dimension of knowledge-based decision-making may involve different mechanisms, such as Science 2.0, e-Science approaches and other collaborative functions for policy analysis, forward looking studies, technology assessment, data exchange for research etc.; trans-European collaboration tools focusing on EU level policy advice; work-flow management systems for specific methods; participatory citizen and stakeholder consultation systems; services supporting RRI methods and frameworks, including gender equality; Web-services for the project life-cycle - project definition, method choice, evaluation and management. Activities shall probe the potential and feasibility of on-line services and develop and demonstrate on-line services that will strengthen European capacity for knowledge-based policy analysis and advice, with special emphasis on Science, technology and Innovation (STI) governance. Emphasis shall be put on a well-documented demand-side, on targeted user-centred solutions, and on usability across languages and among different institutional structures in the advisory

domains. Innovation height shall be found in the functions provided, and the use of known and well tested enabling ICT technologies is to be preferred.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impacts**:** In the short term, open and wide-spread access of citizens, end-users stakeholders to on-line services providing processes and methods for knowledge-based policy advice, enhancing the innovation process. In the medium term, enduring organisational structures that can maintain the services after the end of the research. In the long term, greater trans-European collaboration on knowledge-based policy advice. Promotion of the objectives of citizen engagement in policy making postulated in the Lisbon Treaty.

Type of action: Research and Innovation Actions.

The conditions related to this topic are provided along with the general conditions for this call*. [Link to end of the description of the call]*

ISSI.5.2014.2015 - Supporting structural change in research organisations to promote Responsible Research and Innovation

Specific challenge**:** Many barriers exist to practical implementation of RRI in research organizations. Therefore it is crucial to encourage the modernisation of institutional practices and culture in research institutions, universities and funding agencies, to promote Responsible Research and Innovation. It also aims at supporting common actions by research institutions to identify and implement the best systemic organisational approaches to increase Responsible Research and Innovation uptake in research organizations.

Scope: This topic aims at developing a Responsible Research and Innovation Plan covering five RRI keys (societal engagement, gender equality and gender in research and innovation content, open access, science education and ethics) in each participating institution. Activities shall include an analysis of the main problems and challenges, as well as a set of specific implementing actions aiming at the necessary structural change on the basis of specific situation and challenges. Action Plans shall be accompanied by an implementation roadmap. The RRI plans shall:

- Conduct impact assessment / audit of procedures and practices in order to identify RRI barriers at organisation level;
- Implement innovative strategies to address RRI barriers;
- Develop the RRI dimension in research content and programmes;
- Set targets and monitor progress via indicators at organisation level.

The proposal shall include a methodology for impartially monitoring and assessing the progress made throughout the duration of the project. This activity could be dedicated to a specific partner organisation or subcontracted.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be

addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: Activities shall produce tangible and measurable results in terms of organisational process and structures. They will improve the uptake of Responsible Research and Innovation in research organisations, as the Plans will continue to be implemented in the medium / long term. In the medium term, institutional change shall be scalable to research institutions across EU28 and Associated countries, thus contributing towards European Research Area (ERA) objectives. In the long term, the action will increase research institutions' ability to generate innovation that reflects societal needs.

Type of action: Coordination and Support Actions.

The conditions related to this topic are provided along with the general conditions for this call. [*Link to end of the description of the call*]

CONDITIONS FOR THIS CALL

Publication date: at 17.00.00 Brussels time

Deadline(s):   *XX in year 2014*
YY in year 2015

ISSI.1.2014.2015 **ISSI.2.2014** **ISSI.5.2014**	DDMM 2014 at 17.00.00 Brussels time	
ISSI.1.2014.2015 **ISSI.3.2015** **ISSI.4.2015** **ISSI.5.2015**		DDMM 2015 at 17.00.00 Brussels time

Indicative budget: [*Link to the relevant option on "margin of manoeuvre*"]

Overall indicative budget: EUR 10.3 million from the 2014[10] budget and EUR 22 million from the 2015[11] budget

	2014 EUR	2015 EUR	
ISSI.1.2014.2015	3 million	7 million	Single stage
ISSI.2.2014	3.3 million		Single stage
ISSI.3.2015		3 million	Single stage
ISSI.4.2015		4 million	Single stage
ISSI.5.2014.2015	4 million	8 million	Single stage

Eligibility conditions:

ISSI.4.2015	The standard eligibility conditions for Research & Innovation Action apply. Please read carefully the provisions [*Link to the annex on standard eligibility conditions*] under Annex X before the preparation of your application.
ISSI.1.2014.2015 **ISSI.2.2014** **ISSI.3.2015** **ISSI.5.2014.2015**	The standard eligibility conditions for Coordination & Support Action apply. Please read carefully the provisions [*Link to the annex on standard eligibility conditions*] under Annex X before the preparation of your

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[10] Subject to the adoption of the draft budget 2014 by the Budgetary Authority without modifications of the appropriations foreseen on the corresponding budget lines 08.020306 and 09.040302 or the availability of appropriations in 2014 under the rules of provisional twelfths referred to in Article 315 of TFEU.

[11] These amounts will be included in the financial decision for 2015.

	application.

Specific eligibility conditions

ISSI.2.2015 **ISSI.3.2014**	The specific eligibility conditions are the following: The consortium must consist of at least 10 independent legal entities established in at least 10 different EU Member States or Associated Countries.
ISSI.1.2014.2015 **ISSI.2.2015** **ISSI.3.2014** **ISSI.4.2015**	The specific eligibility conditions are the following: The consortium shall comprise at least one of each of the following types of partners: research performing or funding organisations, industry / businesses, policy makers, Civil Society Organisations.

Evaluation criteria:

ISSI.4.2015	The standard evaluation criteria for Research & Innovation Action apply. Please read carefully the provisions [Link to the annex on standard evaluation criteria] under Annex X before the preparation of your application.
ISSI.1.2014.2015 **ISSI.2.2014** **ISSI.3.2015** **ISSI.5.2014.2015**	The standard evaluation criteria for Coordination & Support apply. Please read carefully the provisions [Link to the annex on standard evaluation criteria] under Annex X before the preparation of your application.

Evaluation procedure: [*Link to the annex on standard evaluation procedure*]
At least 1 proposal per topic will be selected for funding provided it passes all evaluation thresholds.

- Proposal page limits and layout: *[as appropriate]*

- Indicative timetable for evaluation and grant agreement[12]:

call identifiers	Information on the outcome of the evaluation (*single or first stage*)	Information on the outcome of the evaluation (*second stage)*	Indicative date for the signing of grant agreements
ISSI.1.2014.2015 **ISSI.2.2014** **ISSI.3.2015** **ISSI.4.2014** **ISSI.5.2014.2015**	Maximum 5 months after the deadline	-	Maximum 8 months after the deadline

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[12] Should the call publication postponed, the dates in this table should be adjusted accordingly.

Call for developing governance for the advancement of Responsible Research and Innovation

H2020 – GARRI – 2014/2015

Science is a crucial element in the dynamic of societies. In our interconnected and globalised world, the impact of new scientific knowledge grows steadily. How to ensure that outcomes resulting from R&I will correspond to the needs of the various societal actors and be suitable for society in the long run? In order to do this, all societal actors (researchers, citizens, policy makers, business, third sector organisations etc.) must work together during the whole R&I process to align the R&I outcomes to the values, needs and expectations of European society is termed Responsible Research and Innovation (RRI).

In order to <u>increase the relevance of research and innovation policies for society</u>, policy makers and decision makers in funding bodies are invited to constantly adapt the governance framework so as to induce society-friendly, research and innovation.

In order to reach this objective, the activities of this call will aim at:

- Fostering Responsible Research and Innovation uptake in current research and innovations systems (including in industrial context);
- Underpinning activities related to Text and Data Mining (TDM), innovative approach to release and disseminate research results and measure their impact;
- Promoting ethics in research, including research integrity, reducing the risk of ethics dumping of non-ethical practices to non EU countries.
- Supporting the Science with and for Society National Contact Point (NCP) in H2020; and National Contact Point for quality standards and horizontal issues.

These activities are targeted to researchers and innovators, policy and decision makers at national, regional and local levels, higher education establishments, but also citizens (and their associations or groupings), science museums, media, artists, creative industries, etc.

The expected outcome of European Commission actions is to improve the uptake of Responsible Research and Innovation in governance frameworks, addressing the risks and benefits and the respect of fundamental European values

GARRI.1.2014 - Fostering RRI uptake in current research and innovations systems

<u>Specific challenge</u>: Responsible research and innovation has the potential to make research and innovation investments – public procurement included –, more efficient, while addressing global societal challenges by fostering better knowledge and innovation co-production with society. It has also the potential to draw better lessons from early warnings with a view to more efficient precautionary approaches. However, the current research and innovation system do not routinely take into account RRI requirements. Systemic barriers to the uptake of RRI approaches include lack of recognition in the career system of academic research for RRI/trans-disciplinary approaches, in evaluation criteria and by scientific journals, a lack of market incentives to internalise external costs of innovation (environmental, social, etc.) an insufficient training of researchers,

institutional barriers, etc.[1] It is key to develop concrete policy actions to overcome these barriers and to foster systemic change, e.g. towards better societal engagement in knowledge-production and innovation.

Scope: The action addresses systemic barriers to the implementation of Responsible Research and Innovation in research and innovation practices. Activities shall aim to set the ground for concrete progress in relation to one of the various barriers (e.g. develop roadmaps, policy agendas, networks, coordination etc. during the lifetime of the project), identifying ways for better professional recognition and uptake of RRI approaches. Action for concrete progress could also focus on how to use existing instruments in different ways to implement systemic change: for example stimulating RRI implementation via using public procurement to start pre-commercial projects and to purchase innovative and sustainable products and services.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected Impact: The action will lower the barriers to the implementation of RRI approaches. It will lead to structural change in current research and innovation policies and systems, which will expand and consolidate the use of RRI methods and standards. Activities will signpost EU research teams seminal work in this domain; they will ensure complementary action at Member States level, and set best case examples and implementation standards for the industry. In the medium term, they will foster the capacity of research and innovation to tackle societal challenges in close cooperation with societal stakeholders, addressing the risks and benefits and the respect of fundamental values.

Type of action: Research and Innovation Actions.

The conditions related to this topic are provided along with the general conditions for this call. [*Link to end of the description of the call*]

GARRI.2.2015 - Responsible Research and Innovation in industrial context

Specific Challenge*:* Evidence is needed on how the RRI approach, in particular the opening up of the innovation process to social actors, can improve the development process and the quality of the final outcomes of research and innovation in the industrial context. Existing initiatives such as Corporate Social Responsibility (CSR) have set first steps but improved business governance is needed that deeply embeds creativity, scalability, responsiveness, "glocality", circularity and societal engagement.

Scope*:* This action will support projects that demonstrate how to implement RRI in process development (via stakeholder involvement, taking account of gender differences, Corporate Social Responsibility, etc.) and in quality of the final outcomes (complying with standards relating to sustainability, precautionary principle, gender and ethics,

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[1]   See e.g. Expert Group on the State of Art in Europe on Responsible Research and Innovation (2013) 'Options for Strengthening Responsible Research and Innovation', http://ec.europa.eu/research/science-society/document_library/pdf_06/options-for-strengthening_en.pdf

among others). The action will foster collaboration between actors from industry, research and civil society to jointly define and implement a concrete roadmap for the responsible development of particular technologies, products or services within up to three specific research/innovation fields, enabling a detailed comparative assessment. It can for example develop an RRI-inspired 'CSR 2.0' roadmap and implementation plan that is demonstrated, tested, and assessed by the partners involved in the action. Overall, the action will pilot and demonstrate how industry and societal actors can work productively together according to the Responsible Research and Innovation approach, delivering practical evidence of the benefits for industry at large to follow up on a similar path.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact*:* Better uptake of the RRI approach and of the gender dimension in research by industrial actors. In the medium term, the action aims to increase public-private partnership in the innovation process, to increase the social value and acceptability of innovation, and facilitate the emergence of new business models that embed sustainability and social responsibility throughout the entire business process. In the long term, it aims to contribute towards the innovation and competiveness objectives of the Innovation Union and to enhanced 'mainstreaming' and standardisation of RRI and CSR processes at the EU and Global level.

Type of action: Coordination and Support Actions.

The conditions related to this topic are provided along with the general conditions for this call. [*Link to end of the description of the call*]

GARRI.3.2014 - Scientific Information in the Digital Age: Text and Data Mining (TDM)

Specific challenge: TDM has enabled new innovations, for instance in the field of medicine, with ramifications not only for research itself but also for the economy and society. Building upon present knowledge is an important component of research that leads to new innovations. TDM therefore has a huge potential for research and innovation and the economy as a whole. However, there are significant barriers which hinder the more widespread use of TDM in the European Union.

Scope: This activity proposes to study TDM in the modern research environment and its relations with societal implications, with the following *foci:*

- Policy developments and legal framework in the EU and its Member States (including copyright exemptions);
- Increasing awareness of TDM in institutional settings and among stakeholders, as well as the skills, rewards and support involved in using this technology.

Technical requirements for an optimal TDM infrastructure will be dealt as part of a call in the e-Infrastructure Work Progamme (EINFRA 1-2014/2015 – Managing, preserving and computing with big research data) Nevertheless, the winning proposals in these two calls are expected to engage in a mutual dialogue and establish synergies in their work.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected Impact: This action will reduce barriers in order to increase the uptake of TDM by researchers and innovative businesses as a tool in the co-creation of knowledge, which will result in wider and more efficient circulation of knowledge and ultimately lead to a R&I policy that is more relevant for and responsive to society.

Type of action: Coordination and Support Actions.

The conditions related to this topic are provided along with the general conditions for this call. [*Link to end of the description of the call*]

GARRI.4.2015 - Innovative approach to release and disseminate research results and measure their impact

Specific Challenge: The European Commission promotes a culture of openly sharing information among researchers, innovative industries and citizens. The technology continues to improve, thus making some innovative approaches possible. It is important to ensure that high levels of quality are maintained for research results. The release and dissemination of research results is a crucial element, but so is the measurement of their impact with the right indicators. There is a need to examine the situation from A to Z and adapt to the new solutions that better suit the needs of researchers, innovators, the public and funding bodies, and that are relevant to new technologies and expanding amounts of information.

Scope: From working on the public release of research results to evaluating their impact, the action may seek in particular to examine how peer-review develops outside of traditional methods and support it, and how indicators and bibliometrics are adequate for different types of needs and promote them. With open access expanding beyond scientific articles to encompass data, monographs and books, it needs to be seen whether current methods of review and measurement of impact remain practical and relevant, or whether more innovative practices are needed, and how.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected Impact: The action will contribute to the development of more open and inclusive ways of conducting research and fostering innovation. The use of new technology has the potential to ensure originality as well as high-quality contributions to science. This will be of benefit to the optimal circulation of knowledge within the European Research Area. It will contribute not only to better science but also to a more open science system, while ensuring that the impact of scientific information on all actors of the society can be measured in a reliable way.

Type of action: Coordination and Support Action.

***The conditions related to this topic are provided along with the general conditions for this call**. [Link to end of the description of the call]*

GARRI.5.2014 - Ethics in Research: Promoting Integrity

<u>Specific challenge</u>: Research misconduct mainly became a focus of attention in the 1980's with a few publicised cases in the US. This progressively led to adoption of guidelines and codes of conduct by the scientific community as well as to the set-up of governmental structures. The complexity and diversity of research misconduct, amplified by the expansion of electronic communication still raises serious questions on the capacity of the actors concerned to adequately address the issue.

<u>Scope:</u> As there is no single approach to address research misconduct, this action will examine the pros and cons of different methods. Among others, the real benefit of IT tools shall be evaluated. Clear figures are required on the number and variety of allegations in EU and other OECD countries, including the percentage of cases where original suspicion is confirmed and leads to some form of sanctions. Additionally, the in-depth study of representative cases shall bring a socio-economic and a psychological dimension which is critical to the design of effective responses. It will also be crucial to assess the possibility to unify the codes, principles and methods at EU and international level. The options to support the self-regulation mechanisms with an adapted legal framework shall also be studied.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

<u>Expected impact:</u> In the short term, the action will improve the adherence to high standards in research integrity and thereby increase the return on publicly funded research. It will also decrease the number of cases of malpractice and the number of fabrications and cases of false positives in research and innovation results. The action will encourage transparency and ensure reliable knowledge transfer and ethical spill-over from academia to industry. In the medium term, improved research integrity will increase public trust in science and scientists; and boost trust in holders of research-related degrees shall they pursue other community leader position in politics and economics. In the long term, future researchers will be conscious of ethical principles from their educational years. Thereby the number of beneficiaries carrying out action in accordance with principles of research integrity will increase.

<u>Type of action:</u> Coordination and Support Actions.

***The conditions related to this topic are provided along with the general conditions for this call**. [Link to end of the description of the call]*

GARRI.6.2014 - Reducing the risk of exporting non ethical practices to third countries

<u>Specific challenge</u>: Taking into account the progressive globalisation of research activities, there is a rising risk of research with sensitive ethical issues being conducted

by European organisations outside the EU without proper compliance structures and follow-up. The risk of ethics dumping - the exportation of research practices that would not be accepted in Europe on ethical grounds - and the mechanisms to mitigate this risk shall be actively addressed.

Scope: The primary objective of this action is to address the risk of dumping for public and private research by promoting an active collaboration between European, national and international ethics bodies. Activities shall involve different actors: ethics bodies, funding organisations, governmental actors, and Civil Society Organisations representing the interests of the local populations. Cooperation shall build up at multiple levels: within the EU, between the EU and other high-income countries, between high-income countries and low-income countries where the risks of dumping is higher. Activities shall be based on case studies involving local structures in countries where the research takes place and impacts population. Good practices shall be identified, with a view to elaborate an operational code of conduct for all actors concerned.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: This action will reduce the risks of ethics dumping in research and improve the adherence to high ethical standards in areas of the world where it is needed. As a consequence, research carried out outside the EU will be compliant and consistent with EU-based research and acceptable and exploitable in the EU. In the medium term, due to active collaboration on multiple levels and the sharing of good practices, research practices of research institutions outside the EU will be impacted and ameliorated. In the long term, highest ethical standards will spread globally, thus creating a level playing field and a clear structure of incentives for research competitiveness.

Type of action: Coordination and Support Actions.

***The conditions related to this topic are provided along with the general conditions for this call**. [Link to end of the description of the call]*

GARRI.7.2014 - Science with and for Society National Contact Points (NCPs) in H2020

Scope: This action focuses on identifying and sharing good practices and raising the general standard of support to programme applicants, taking into account the diversity of stakeholders of 'Science with and for Society' (. Support will be given to a network of NCPs in the area of Science with and for Society. Various activities will be developed, such as benchmarking, joint workshops, enhanced cross-border brokerage events, specific training linked to Science with and for Society and twinning schemes. Special attention will be given to enhance the competence of NCPs, including helping less experienced NCPs rapidly acquire the know-how accumulated in other countries. Proposals can only include NCPs from EU Member States and Associated Countries, who have been officially appointed by the relevant national authorities. The action shall have a good representation of experienced and less experienced NCPs. If certain NCPs wish to abstain from participating, this fact should be explicitly documented in the proposal. These NCPs are nevertheless invited and encouraged to participate in the project activities, and are eligible for reimbursement of their participation. NCPs from

third countries are welcome to participate, but their costs are not eligible for reimbursement. The Commission expects to receive and fund a single proposal under this heading.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: A more consistent, improved and professionalised level of NCPs support services across Europe helps simplify access to Science and for Society Horizon 2020 calls, lowers the entry barriers for newcomers and raises the average quality of proposals submitted. In the short term, this contributes to greater participation by SMEs and CSOs. In the medium terms, it contributes to spreading excellence and widening participation targets. Also, it contributes towards reaching the European Research Area objective of more integrated European research, via better coordination of Member States' own effort.

Type of action: Co-ordination and Support Actions.

GARRI.8.2014 - National Contact Points for quality standards and horizontal issues

Specific challenge: National Contact Points need to be fully cognisant with the rules and procedures of Horizon 2020 if they are to provide high quality services to potential applicants. They also need to be proficient in the processes involved in running an NCP service itself. This is a continuous concern, as the programme evolves, lessons are learned, and as newcomers join the NCP network. A body of know-how is already held by the NCPs themselves, which needs to be made generally available, and further enhanced.

Scope: Support will be given to a network of formally nominated NCPs concerned with quality standards and cross-cutting issues across the NCP network in the country concerned. These NCPs will be the national coordinators, and the Legal and Financial NCPs, or other NCPs explicitly nominated by the national coordinators for participation in this network. The network will be a vehicle for building up and mobilising expertise, for providing training to the wider network of NCPs and for providing feedback and analysis to the Commission. Parts of the training programme will be provided by NPCs, third parties, or by Commission specialists. For this reason the network will work in consultation with the Commission service responsible for NCP coordination. It will solely address cross-cutting issues, such as: financial and legal issues from the submission and evaluation of the proposal to the signature and the implementation of the Grant; project coordination and management; project reporting; intellectual property rights; synergies with outer sources of funding; research and innovation policy; gender equality and the gender dimension in research content, ethical and security issues and good practices for NCP work. Special attention will be given to enhance the competence of NCPs, including helping less experienced NCPs rapidly acquire the know-how accumulated in other countries. Issues that are specific to the parts and challenges of Horizon 2020 will be addressed by the relevant networks under those areas, and will not be covered by this network. The network will also develop tools for monitoring quality standards (indicators, benchmarks etc.), and will provide an input to periodic policy meetings of national NCP coordinators and Legal and Financial NCPs. The applicants

organisations will be the legal entities (ministry, agency, research body, company etc.) to which an NCP is affiliated ("host organisation"). In order to focus resources, the network can only include NCPs from EU Member States, and Associated Countries, who have been officially appointed by the relevant national authorities. The network should include a good representation of experienced and less experienced NCPs. If certain countries wish to abstain from participating to the network, this fact should be explicitly documented in the proposal. These counties are nevertheless invited and encouraged to participate in the project activities and their costs could be reimbursed according to the conditions set out in the Grant Agreement. Participation of NCPs from third countries to the project activities is welcomed, but costs of the participation of these NCPs will not be reimbursed. The Commission expects to receive and fund a single proposal under this topic.

The Commission considers that proposals requesting a contribution from the EU of [EUR X million or between EUR X and Y million] would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact:

- An improved and professionalised NCP service across Europe, thereby helping simplify access to Horizon 2020 calls, lowering the entry barriers for newcomers, and raising the average quality of proposals submitted.
- A more consistent level of NCP support services across Europe.

Type of action: Coordination and Support Actions.

CONDITIONS FOR THIS CALL

Publication date: at 17.00.00 Brussels time
Deadline(s):   *XX in year 2014*
YY in *year 2015*

GARRI.1.2014 GARRI.3.2014 GARRI.5.2014 GARRI.6.2014 GARRI.7.2014 GARRI.8.2014	DDMM 2014 at 17.00.00 Brussels time	
GARRI.2.2015 GARRI.4.2015		DDMM 2015 at 17.00.00 Brussels time

Indicative budget: [*Link to the relevant option on "margin of manoeuvre"*]

Overall indicative budget: EUR 12.5 million from the 2014[13] budget and EUR 5.5 million from the 2015[14] budget

	2014 EUR	2015 EUR	
GARRI.1.2014	2.5 million		Single stage
GARRI.2.2015		3 million	Single stage
GARRI.3.2014	2 million		Single stage
GARRI.4.2015		2.5 million	Single stage
GARRI.5.2014	2 million		Single stage
GARRI.6.2014	2 million		Single stage
GARRI.7.2014	2 million		Single stage

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[13] Subject to the adoption of the draft budget 2014 by the Budgetary Authority without modifications of the appropriations foreseen on the corresponding budget lines 08.020306 and 09.040302 or the availability of appropriations in 2014 under the rules of provisional twelfths referred to in Article 315 of TFEU.

[14] These amounts will be included in the financial decision for 2015.

GARRI.8.2014	2 million		Single stage

Eligibility conditions:

GARRI.1.2014	The standard eligibility conditions for Research & Innovation Action apply. Please read carefully the provisions [*Link to the annex on standard eligibility conditions*] under Annex X before the preparation of your application.
GARRI.2.2015 GARRI.3.2014 GARRI.4.2015 GARRI.5.2014 GARRI.6.2014 GARRI.7.2014 GARRI.8.2014	The standard eligibility conditions for Coordination & Support Action apply. Please read carefully the provisions [*Link to the annex on standard eligibility conditions*] under Annex X before the preparation of your application.

Specific eligibility conditions

GARRI.7.2014	The specific eligibility conditions are the following: The consortium must consist of at least 10 independent legal entities established in at least 10 different EU Member States or Associated Countries.

GARRI.1.2014 GARRI.2.2015 GARRI.6.2014	The specific eligibility conditions are the following: The consortium shall comprise at least one of each of the following types of partners: research performing or funding organisations, industry / businesses, policy makers, Civil Society Organisations.

Evaluation criteria:

GARRI.1.2014	The standard evaluation criteria for Research & Innovation Action apply. Please read carefully the provisions [Link to the annex on standard evaluation criteria] under Annex X before the preparation of your application.
GARRI.2.2015 GARRI.3.2014 GARRI.4.2015 GARRI.5.2014	The standard evaluation criteria for Coordination & Support apply. Please read carefully the provisions [Link to the annex on standard evaluation criteria] under Annex

GARRI.6.2014 GARRI.7.2014 GARRI.8.2014	X before the preparation of your application.

Evaluation procedure: [*Link to the annex on standard evaluation procedure*]
At least 1 proposal per topic will be selected for funding provided it passes all evaluation thresholds.

- Proposal page limits and layout: *[as appropriate]*

- Indicative timetable for evaluation and grant agreement[15]:

call identifiers	Information on the outcome of the evaluation (*single or first stage*)	Information on the outcome of the evaluation (*second stage)*	Indicative date for the signing of grant agreements
GARRI.1.2014 GARRI.2.2015 GARRI.3.2014 GARRI.4.2015 GARRI.5.2014 GARRI.6.2014 GARRI.7.2014 GARRI.8.2014	DDMMYYYY *Maximum 5 months after the deadline*	-	DDMMYYYY *Maximum 8 months after the deadline*

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[15] Should the call publication postponed, the dates in this table should be adjusted accordingly.

OTHER ACTIONS (*not subject to calls for proposals)*

Grant to identified beneficiary

1.2014 - Conference on Stock Taking Science in Society projects throughout FP6 and FP7

The Conference will be organised under the auspices of the Italian Presidency as an occasion to present the results of projects funded under the 6th Framework Programme (Science and Society) and the Science in Society part of the 'Capacities' Specific Programme under the 7th Framework Programme and link the above actions with emerging priorities in Horizon 2020. The Conference will be organised around various Science in Society (SiS) activities and the different keys of Responsible Research and Innovation (RRI) which constitutes the framework to respond to societal challenges and among other elements: Engagement of citizens in R & I to increase the quality, relevance, acceptability and sustainability of innovation outcomes by integrating society's expectations, interests and values; a scientifically literate, responsible and creative society; integration of gender dimension in research and innovation content; free accessibility and availability on Internet of publicly-funded research; embedding the ethics dimension in the design, implementation and impact of research actions, including their innovation potential; governance rules to favour the take-up of the above elements; international perspective of Science in Society projects over FP6 and FP7, etc. In addition, to these different aspects, the international dimension and comparison with practices in the Member States will also be addressed by this Conference. In preparing this event, the organisers shall garner the analyses and best practices of Science with and for Society as well as the evaluations of FP6 and FP7 (Interim evaluation) and present them during the event. The coordinators of SaS/SiS projects, the NCPs and other relevant SiS actors at the EU and international level will be invited to interact in this Conference. This action will be further promoted through the EURAXESS initiative.

Expected impact: The Conference will help the Commission to assess the impact of the Science in Society programme on Research and Innovation. It will enable the Commission to draw lessons from previous Framework Programmes and prepare the future of Science With and For Society activities. It will raise consensus concerning the implementation of RRI principles in H2020, and help further shape Commission policy in the area.

Legal entity: CNR Consiglio Nazionale delle Ricerche Piazzale Aldo Moro,7 - 00185, ROMA. APRE Agenzia per la Promozione della Ricerca Europea, Via Cavour n.71, 00184, ROMA

Evaluation criteria: The Coordination and Support Action will be evaluated based on the evaluation criteria set out in Article XX of the Horizon 2020 rules of participation *[Link to the annex]*.

Rate of co-financing: The maximum possible rate of co-financing is set out in Article XX of the Horizon 2020 rules of participation *[Link to the annex]*.

Type of action: Grant to Identified Beneficiary.

Indicative budget: EUR 0.8 million in 2014

2.2014 - European Union Contest for Young Scientists (EUCYS) 2014

The European Union Contest for Young Scientists brings together first prize winners of national contests for pre-university school science projects to compete for prizes and awards. The EU Contest takes place each year in a different location. This Contest provides additional stimulus to young people who have already demonstrated that they are applying science to solve problems. Many go on to become successful scientists. It attracts a considerable level of co-funding in the host country, and high levels of international media attention. International research organisations and similar bodies donate many of the non-monetary prizes.

Expected Impact: The contest will bring greater awareness of and interest in science and research among high school leavers. In the medium term, it will help close the skills gap in STEM, as more young people consider enrolling in scientific career paths. In the long term, it will directly contribute towards the objective of a science literate, knowledge society where scientists are aware of social needs.

Legal Entity: Polish Children's Fund, Warsaw, Poland

Evaluation criteria: The Coordination and Support Action will be evaluated based on the evaluation criteria set out in Article XX of the Horizon 2020 rules of participation *[Link to the annex]*.

Rate of co-financing: The maximum possible rate of co-financing is set out in Article XX of the Horizon 2020 rules of participation *[Link to the annex]*.

Type of action: Grant to Identified Beneficiary.

Indicative budget: EUR 0.6 million in 2014

3.2015 - European Union Contest for Young Scientists (EUCYS) 2015
The European Union Contest for Young Scientists brings together first prize winners of national contests for pre-university school science projects to compete for prizes and awards. The EU Contest takes place each year in a different location. This Contest provides additional stimulus to young people who have already demonstrated that they are applying science to solve problems. Many go on to become successful scientists. It attracts a considerable level of co-funding in the host country, and high levels of international media attention. International research organisations and similar bodies donate many of the non-monetary prizes.

Expected Impact: The contest will bring a greater awareness of and interest in science and research among school students. This action will seek to garner collaboration from industry

Legal Entity: To be added, Cyprus

Evaluation criteria: The Coordination and Support Action will be evaluated based on the evaluation criteria set out in Article XX of the Horizon 2020 rules of participation *[Link to the annex]*.

Rate of co-financing: The maximum possible rate of co-financing is set out in Article XX of the Horizon 2020 rules of participation *[Link to the annex]*.

Type of action: Grant to Identified Beneficiary.

Indicative budget: EUR 0.6 million in 2015

4.2015 - The Euroscience Open Forum (ESOF) 2016

The Euroscience Open Forum (ESOF) is held bi-annually under the auspices of the researcher organisation Euroscience. It is dedicated to scientific research and innovation and designed by Euroscience as a unique opportunity in Europe to:

- Strengthen the links between Science & Society,
- Create an integrated space for S&T in Europe,
- Foster a European Platform for debate on S&T,
- Influence S&T policies

A grant support will be offered to this inter/trans-disciplinary pan-European meeting to ensure that a structured and expanded dialogue among all societal actors (researchers, citizens, policy makers, business, third sector organisations etc.) will be developed along the lines of the Science with and for Society Programme. In this context a special emphasis will be put on the promotion and further understanding of the Responsible Research and Innovation concept. A special focus will be put on the Engagement of Citizens in Science, the Engagement of Researchers and Innovators in Society and the Increasing Relevance of Research and Innovation Policies for Society. An inclusive and integrated combination of seminars, workshop, debates and round table discussion using new interactive and engaging formats will be provided and centred on Horizon 2020 key societal challenges. The proposal will be evaluated in accordance with the standard evaluation criteria (including weight and thresholds) and subcriteria, together with an eligibility, selection and award criteria for the funding scheme as set out in Annex 2 of this work programme.

Expected impact: The conference will be of the biggest European science communication platforms; in the medium term. The Euroscience Open Forum will raise awareness among a very large public on the concept of Responsible Research and Innovation (RRI) as a cross cutting issue for Horizon 2020 and in the context of European Research Area (ERA).

Evaluation criteria: The Coordination and Support Action will be evaluated based on the evaluation criteria set out in Article XX of the Horizon 2020 rules of participation *[Link to the annex]*.

Legal Entity: to be known as soon as the selection results for the bid to host ESOF2016 is announced.

Rate of co-financing: The maximum possible rate of co-financing is set out in Article XX of the Horizon 2020 rules of participation *[Link to the annex]*.

Type of action: Grant to Identified Beneficiary.

Indicative budget: EUR 1 million in 2015

5.2015 - Conference on Responsible Research and Innovation (RRI)

Addressing grand societal challenges is a key pillar of Horizon 2020, while national research and innovation funding programmes in EU Member States are following suit. Responsible Research and Innovation that aims to 'co-create' knowledge and innovation together with all stakeholders is key to successfully address the grand societal challenges. By the end of 2015, two years of experience will have been gained with RRI actions under Horizon 2020, and similarly with even longer running national funding programmes on Responsible Innovation. European experiences and national practices in the Member States with regard to RRI implementation will be presented and discussed at this Conference.

Expected impact: The Conference will help the Commission to assess the latest developments and experiences with RRI initiatives in the Member States, as well as discuss the first experiences and impacts of the Science with and for Society programme and the RRI cross cutting actions in Horizon 2020. This will enable the Commission to draw lessons from these experiences, with a view to build on those lessons in preparing future RRI actions in Horizon 2020 and in the context of European Research Area (ERA).

Legal entity: to be defined by Dutch Presidency

Evaluation criteria: The Coordination and Support Action will be evaluated based on the evaluation criteria set out in Article XX of the Horizon 2020 rules of participation *[Link to the annex]*.

Rate of co-financing: The maximum possible rate of co-financing is set out in Article XX of the Horizon 2020 rules of participation *[Link to the annex]*.

Type of action: Grant to Identified Beneficiary.

Indicative budget: EUR 0.3 million in 2015

Expert groups

6.2014 - Expert Group: For a constructive assessment of Public Engagement in Horizon 2020

As engagement is a real concern for society, it is important to further promote early engagement of Society in every part of Horizon 2020. The Expert Group will carry out a constructive assessment of public engagement practices, with a specific focus on citizen consultation methods and the role of citizens and civil society organisations in social diagnoses and vision building for enhanced social impacts in research and innovation. The assessment will take into account the findings of relevant FP7 public engagement projects.

Expected Impact**:**

Improved and increased citizens' engagement in Horizon 2020. Over time, innovation developments that reflect and meet social needs; and increased fitness of purpose of innovative products.

Type of action: Coordination and Support Actions – Expert Contracts.

Indicative budget: EUR 0.1 million in 2014

Public procurements

7.2014 – Data Collection and analysis on researchers in the European Union and abroad in the context of ERA and RRI

The aim is to provide internationally comparable data and indicators to monitor progress towards a genuine open labour market for researchers including gender, mobility, career development, working conditions etc. to support further evidence-based policy developments.

Expected impact: The study will support evidenced-based policy making in relation to completion of the ERA and inform Responsible Research and Innovation policy action.

Type of action: Public Procurement through a Framework Contract.

Timeframe: Third quarter of 2014.

Indicative budget: EUR 1.2 million in 2014

8.2014 - EURAXESS Services, Links, Rights, Jobs and cross-cutting activities

This action will contribute to support to cross-cutting promotional activities, conferences, events, mutual learning seminars, publications, promotional stands and materials and in particular:

- Preparation of the EURAXESS Services Network biennial Conference and the EURAXESS Links International Conference;
- Support to annual Human Resources (HR) Strategy Mutual Learning Seminars and Peer learning activities and ad hoc policy learning workshops on specific policy issues including the testing of policy developments amongst key stakeholders;
- EURAXESS "Voice of the Researchers" Conference to be held in 2015 to continue the open dialogue with researchers, specifically young ones;
- Preparation of the Communication Campaign "EURAXESS Road Show" to increase awareness of our policies for researchers and universities including open access, gender issues, career development and mobility; -animation activities related to EURAXESS, e.g. workshops and training sessions.

Expected impact: Increased visibility and awareness of the policy actions on researchers and universities, implemented through EURAXESS Services, Links, Rights and Jobs leading to an increased use and commitment of the research community including the international community of researchers considering the European Union as their main research environment and partner. University students and young researchers will also be familiarised with the European policies and programmes aiming to support the European Research Area (ERA) and Research and Innovation including open access policy and gender. The researcher's career will be promoted as a highly international, challenging and sustainable profession for young people, including women. Over time, the action will support EURAXESS actions that contribute directly towards European targets on R&D

intensity, to meeting the objectives of the Innovation Union, to increase the percentage of researchers in the active population, and to boost European research competitiveness.

Type of action: Public Procurement.

Timeframe: first and second semester of 2014 and 2015

Indicative budget: EUR 3.05 million in 2014

9.2014- EURAXESS LINKS 3rd phase of implementation

This action aims at preparing the 3rd phase of the EURAXESS Links Network by increasing the resources allocated to the project both in the six world destinations and centrally for the overall coordination, management, reporting and follow-up during the period 2014-2015. New resources will be used to both animate the community and prepare the 3rd phase of the project with the possible expansion to new countries.

Expected impact: By the end of the action, an increase in the membership of at least 50% compared to the first phase of EURAXESS Links. Over time, the action will support EURAXESS actions that contribute directly towards European targets on R&D intensity, to meeting the objectives of the Innovation Union, to increase the percentage of researchers in the active population, and to boost European research competitiveness.

Type of action: Public Procurements through a Framework Contract.

Timeframe: first semester of 2014

Indicative budget: EUR 1 million in 2014

10.2014 - EURAXESS LINKS Framework Service Contract

A new Framework Service Contract will support and give sustainability to the EURAXESS Links project, both the animation of the network and the related awareness raising activities, during the period 2016-2020. Making stock of the experience gained through the first Framework Contract, services will be further developed and tailored. The performances of the network should be increased by the new structure both in term of outcomes and visibility. This framework service contract will be published in 2014 to support the EURAXESS cross-cutting activities and the Links Network during the 3rd phase of the project (2016-2020). The call for tender will consist of 2 Lots: one for the animation of the network (budget ceiling 14 M€) and one for cross-cutting issues including the awareness raising activities (budget ceiling 8 M€).

Expected impact: Over time, activities within the Framework Service Contract will support EURAXESS actions that contribute directly towards European targets on R&D intensity, to meeting the objectives of the Innovation Union, to increase the percentage of researchers in the active population, and to boost European research competitiveness.

Type of action: Public Procurements through a Framework Contract.

Timeframe: Publication of the tender on first or second semester of 2014

11.2014 - Fostering public outreach by researchers – identifying expectations and challenges

Many 'Science and Society' initiatives on both EU and national level have been established to foster active engagement of citizens with science and innovation, while less emphasis has been put on empowering researchers to engage with society. Additional support to researchers is however warranted, because little attention is paid in science curricula to public outreach and to the dynamics of science-society interactions (including on ethics and on gender aspects), and current research career models do not reward public outreach activities. Moreover, better attention to these aspects would help researchers develop multi- and transdisciplinary approaches, better anticipate societal concerns and consider them in the R&D process. Little empirical evidence exists about the expectations and challenges of researchers to participate in public engagement and outreach. An EU wide comparative analysis (including a Eurobarometer survey based on samples representative of the European scientific communities) is needed to identify what types of outreach activities researchers are currently involved in (science shops, science cafes, social media, popular magazines, television, etc.), what barriers they encounter in those respective activities, what impact they perceive from their engagement and what incentives for structural change they feel are needed (in research curricula and careers, etc.) to make public outreach and engagement more attractive to them. The analysis should also extend to the role of other key stakeholders involved in public outreach and dialogue (science journalists, science communications experts, politicians, etc.), and furthermore reflect on future actions that can be taken to address the challenges identified.

Expected impact: Better knowledge and understanding of the expectations and perceived barriers of researchers with regard to public engagement, outreach and alignment of research with societal challenges. Foster awareness among key stakeholders about the need to develop initiatives in this area, and contribute to coordination among Member States with regard to such initiatives. In the medium term, this activity will foster the capacity of research and innovation to tackle societal challenges.

Type of action: Public Procurement.

Time frame: second semester 2014

Indicative budget: EUR 1 million in 2014.

12.2015 - EURAXESS Services, Links, Rights, Jobs and cross-cutting activities

This action will contribute to support to cross-cutting promotional activities, conferences, events, mutual learning seminars, publications, promotional stands and materials. The researcher's career will be promoted as a highly international, challenging and sustainable profession for young people, including women. University students and young researchers will continue to be familiarised with the European policies and programmes aiming to support the ERA and Research and Innovation including open access policy and gender.

Expected impact: The activities supported will lead to increased visibility and awareness of policy actions on researchers and universities implemented through EURAXESS Services, Links, Rights and Jobs. They also will increase use and buy-in of the research community, including the international community of researchers that consider the EU as

a main research environment and partner. Over time, these activities will support actions that contribute directly towards European targets on R&D intensity, to meeting the objectives of the Innovation Union, to increase the percentage of researchers in the active population, and to boost European research competitiveness.

Type of action: Public Procurement.

Timeframe: first and second semester of 2015

Indicative budget: EUR 0.3 million in 2015

13.2015 - EURAXESS LINKS Implementation 2016-2018

This action will support to the EURAXESS Links network during the implementation of the new framework contract covering more countries or hubs during the period 2016-2020. The first specific contract implementing the new EURAXESS Links Framework Contract will cover the animation of the network during an initial period of 30 months. The new contract will guarantee the continuity of the operations of the network in the different destinations and allow the extension of the activities to new countries and tasks.

Expected impact: By mid-2018, increased membership of 30% as compared to December 2015. In the medium term, a wider network aims at providing access to a complete range of information and support services for international researchers wishing to pursue their research careers in Europe. EURAXESS Links shall provide a platform for researchers to network and promotes the excellent European research opportunities

Type of action: Public Procurements through a Framework Contract.

Timeframe: second semester of 2015

Indicative budget: EUR 6 million in 2015