

Proyectos SWAFS

- **Call H2020-SEAC-2015-1**

Proyecto SWAFS Universidad de Cádiz

- **STIMEY -Science Technology Innovation Mathematics Engineering for the Young**

http://cordis.europa.eu/project/rcn/203161_en.html

From 2016-09-01 to 2019-08-31

Total cost:

EUR 3 965 372,50

EU contribution:

EUR 3 965 372,50

Coordinated in:

Spain

Topic(s):

[SEAC-1-2015 - Innovative ways to make science education and scientific careers attractive to young people](#)

Call for proposal:

H2020-SEAC-2015-1

Funding scheme:

RIA - Research and Innovation action

Objective

In an effort to bring science and society together in Europe, and consequently increase the continent's international competitiveness, STEM (science, technology, engineering and mathematics) education must be more relatable to European youths to raise their interests and involvement in STEM careers. This project proposes an educational platform with multi-level components, designed and developed on the base of a well-researched pedagogical framework, which aims to make STEM education more

attractive to young people from age 10 to 18 years old. Universities, schools, teachers, students, parents, business and media partners come together to complete a circle in which STEM becomes a part of the daily life of youths through an educational portal that also prepares them for future careers.

The socially motivational platform for emotional and educational engagement, herein referred to as the STIMEY (Science, Technology, Innovation, Mathematics, Education for the Young) platform, will combine:

- social media components and entrepreneurial tools (present),
- robotic artefacts (the future),
- radio (the past)

to educate, engage and increase the youth's interest in STEM education and careers. The platform, with individual e-portfolios, will be designed to tap into the children's curiosity and motivations from a young age. The platform will take into account the specific needs of girls and boys, to be attracted and stay with STEM in a social collaborative environment with serious gaming and healthy competition among peers.

The platform will give teachers the necessary modern tools to deliver STEM education in an attractive and engaging manner in-class, while also following up on students' progress even outside of class.

Coordinator

UNIVERSIDAD DE CADIZ Spain

Participants

HOCHSCHULE EMDEN/LEER Germany
POLOTSK STATE UNIVERSITY Belarus
UNIVERSITY OF MACEDONIA Greece
JYVASKYLAN YLIOPISTO Finland
MLS MULTIMEDIA AE Greece
BABY RADIO SL Spain
KOMPETENZZENTRUM TECHNIK-DIVERSITY-CHANCENGLEICHHEIT E.V.
Germany

- **Marine Mammals: Using marine mammals for making science education and science careers attractive for young people**

http://cordis.europa.eu/project/rcn/203173_en.html

From 2016-09-01 to 2019-08-31, ongoing project

Project details

Total cost:

EUR 1 797 420

EU contribution:

EUR 1 797 420

Coordinated in:

Germany

Topic(s):

SEAC-1-2015 - Innovative ways to make science education and scientific careers attractive to young people

Call for proposal:

H2020-SEAC-2015-1

Funding scheme:

CSA - Coordination and support action

Objective

The Marine Mammals proposes to create a European consortium of education and research institutions, alongside small to medium enterprises, to promote STEM subjects and students' interest in science careers. All project partners are internationally renowned experts in their field of work. Together with teachers and educational scientists they will form expert groups who will develop teacher trainings and summer schools for secondary school students based on state of the art research on marine mammals. The project will draw on the vast variety of existing materials from all partners and use current methods and results from educational research to select and adapt it accordingly. Combining the resource materials delivered by the different expert groups coherent cross-national entities for teacher trainings and summer schools will be produced and translated into all languages of the participating countries plus English. It will be ensured that the materials can be used in conjunction with the science curriculum of the schools in all participating countries. Teacher trainings and summer schools will be carried out in all partner countries. During the summer camps and the teacher trainings both groups will work in close contact with scientists from different disciplines and gain first hand insights into 'real' science as well as the profession of a scientist. As a consequence they will update their perception of scientists and scientific jobs and hopefully gain interest in scientific careers. For evaluating the success of the project, established questionnaires will be adapted, tested and revised to be finally used in a pre-/ post design. By involving science

centres and public aquariums the developed teaching material will finally be used for creating outreach materials and activities suitable for audiences of different background and age, utilising current technology to engage a wider audience (e.g. interactive posters, podcasts, social media and 3D animations).

Coordinator

CHRISTIAN-ALBRECHTS-UNIVERSITAET ZU KIEL
Germany

Participants

UNIVERSITE DE LIEGE Belgium
FUNDACJA ROZWOJU UNIwersytetu GDANSKIEGO Poland
SYDDANSK UNIVERSITET Denmark
STIFTUNG TIERAERZTLICHE HOCHSCHULE HANNOVER Germany
HAVETS HUS I LYSEKIL AKTIEBOLAG Sweden
WOLLNY-GOERKEWOLLNY KATRIN Germany
FUNDACJA WWF POLSKA Poland
LEIBNIZ-INSTITUT FUR DIE PADAGOGIKDER NATURWISSENSCHAFTEN UND
MATHEMATIK AN DER UNIVERSITAT KIEL Germany

- **UMI-Sci-Ed: Exploiting Ubiquitous Computing, Mobile Computing and the Internet of Things to promote Science Education**

http://cordis.europa.eu/project/rcn/203171_en.html

Website: <http://umi-sci-ed.eu/>

From 2016-06-01 **to** 2019-05-31, ongoing project

Project details

Total cost:

EUR 1 794 187,50

EU contribution:

EUR 1 794 187,50

Coordinated in:

Greece

Topic(s):

SEAC-1-2015 - Innovative ways to make science education and scientific careers attractive to young people

Call for proposal:

H2020-SEAC-2015-1

Funding scheme:

RIA - Research and Innovation action

Objective

Nowadays we are lucky to have many exciting new technologies available, like Ubiquitous Computing (UbiComp), Mobile Computing (MobiCom) and the Internet of Things (IoT); in the following, we shall refer to them collectively as UMI. These technologies are so modern and powerful that can be both an educational means and end, thus fostering innovation and supporting promising scientific careers. The broad aim of the project is to investigate the introduction of UMI technologies in education. By carefully exploiting state of the art technologies in order to design educational tools and activities, the project aims to offer novel educational services, implement innovative pedagogies and enhance students' and teachers' creativity, socialisation and scientific citizenship. We intend to put these technologies in practice, so as to enhance the level of science, technology, engineering and mathematics (STEM) education young girls and boys are receiving and at the same time make attractive the prospect of pursuing a career in domains pervaded by UMI. Inspired by M. Weiser's idea, a tranquil environment for educational activities will be provided, where technology itself will not star but support the stakeholders of education, including, the educational community

(teaching institutions, students, professors, tutors, etc), the industry (UMI companies, VET providers, publishers, etc), career consultants and educational authorities and policy makers. To this end, communities of practice (CoP) will be formed dynamically around UMI projects implemented at schools, including representatives of all necessary stakeholders. In this project we aim to develop an integrated yet open training framework for upper high school students.

Coordinator

INSTITOUTO TECHNOLOGIAS YPOLOGISTONKAI EKDOSEON DIOFANTOS
Greece

Participants

CORK INSTITUTE OF TECHNOLOGY Ireland
Consortium Ubiquitous Technologies S.c.a.r.l. Italy
HELSINGIN YLIOPISTO Finland
NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNUNorway
UNIVERSITA DI PISA Italy
TELECENTRE-EUROPE AISBL Belgium

- **STEM4youth: Promotion of STEM education by key scientific challenges and their impact on our life and career perspectives**

http://cordis.europa.eu/project/rcn/203170_en.html

Website: <http://www.stem4youth.eu/>

From 2016-05-01 to 2018-10-31, ongoing project

Project details

Total cost:

EUR 1 776 936,25

EU contribution:

EUR 1 766 936,25

Coordinated in:

Poland

Topic(s):

SEAC-1-2015 - Innovative ways to make science education and scientific careers attractive to young people

Call for proposal:

H2020-SEAC-2015-1

Funding scheme:

RIA - Research and Innovation action

Objective

STEM4you(th) seeks to produce a comprehensive, multidisciplinary series of courses presenting key STEM discipline challenges to support young people, primarily high school students aged 14-19, formal and informal education.

The content will be organized around 7 STEM disciplines: Mathematics, Physics, Astronomy, Chemistry, Engineering and Medicine. For each discipline 7-9 challenges will be presented largely through their practical applications and their impact on our everyday life and work. Also it will be shown which specific skills and competence STEM education develops and how these skills address the current and future European labor market needs.

In the effect project will provide a helicopter view of STEM disciplines and job characteristics associated with these disciplines to help young people in taking conscious decisions on their future (subject of, field of study and finally career path to pursue).

The scope and tangible results of STEM4you(th) are:

- A multidisciplinary guide developed for different exploitation channels (more formal: extra-curricular activities at school and informal: science festivals, university organized lectures and web open accessible self-study materials)
- Formal and informal methodologies and tools tailored to present the scientific challenges in an attractive way (learning by experiment, gamin, citizen science at schools)
- Recommendations on STEM learning best practices and formal school curricula (input to the EU education policy)
- Plans on project result exploitation on a large scale by Scientific Communities (like SCIENTIX), educational networks, teacher associations and partner networking.

STEM4you(th) is a strong consortium with experience in educational methodologies, economy and societal content and to accelerate the project result dissemination process.

Coordinator

POLITECHNIKA WARSZAWSKA
Poland

Participants

IDRYMA EVGENIDOUGreece
 INSTITUT JOZEF STEFANSlovenia
 FONDAZIONE UMBERTO VERONESIIItaly
 RESEARCH PATHS ETAIREIA EREYNASGreece
 VYSOKA SKOLA BANSKA - TECHNICKA UNIVERZITA OSTRAVACzech Republic
 UNIVERSITAT DE BARCELONASpain
 UNIVERSIDAD DE CANTABRIASpain
 OPEN EVIDENCESpain
 INSTITUT ZA RAZVOJNE IN STRATESKE ANALIZE ZAVODSlovenia

- **EDU-ARCTIC: Edu-Arctic – Innovative educational program attracting young people to natural sciences and polar research**

http://cordis.europa.eu/project/rcn/203165_en.html

Website: <http://eduarctic.eu/>

From 2016-05-01 to 2019-04-30, ongoing project

Project details

Total cost:

EUR 1 798 028,75

EU contribution:

EUR 1 798 028,75

Coordinated in:

Poland

Topic(s):

SEAC-1-2015 - Innovative ways to make science education and scientific careers attractive to young people

Call for proposal:

H2020-SEAC-2015-1

Funding scheme:

CSA - Coordination and support action

Objective

The general objective of the EDU-ARCTIC project is a cross-country adaptation of innovative practices in science education in Europe. EDU-ARCTIC will provide a custom-designed large-scale program to strengthen schools' science education. EDU-ARCTIC will use innovative online tools for interactive open-access available for everyone to link Arctic research and school education in Europe. The program is dedicated to young students in the age of 13 to 20 and their teachers. The program will be based on 5 main components:

- 1) Broadcasts (webinar transmissions) of online lessons from polar stations on natural sciences and polar research related to important societal challenges. The content of webinars will be adopted to school curricula at various levels (regional, national and European);
- 2) "Polarpedia" – an online developing encyclopedia with scientific expressions, educational resources and dictionaries in at least 5 national European languages;
- 3) Arctic competitions for European pupils cooperating with their teachers, in which prize winners will be able to participate in polar expedition;

4) Monitoring system: all schools in Europe will be invited to participate in a program based on monitoring of phenological observations in schools' surroundings, a web based portal for registrations and access to accumulated data.

5) Teachers workshops and trainings.

The novel educational programme elaborated within EDU-ARCTIC will give European pupils the opportunity to get insights in Research and Innovation process by access to (two-way communication) lecture transmissions from polar stations, participation in arctic competitions and environmental monitoring in their own surroundings. The interaction with real-time scientific work will contribute to increased interest among young boys and girls in choosing STEM careers.

The innovative EDU-ARCTIC program will attract young boys and girls by its novel approach to STEM skills, especially science

Coordinator

Instytut Geofizyki Polskiej Akademii Nauk Poland

Participants

AMERICAN SYSTEMS SP. ZOOPoland

Norwegian institute of Bioeconomy Research –NIBIONorway

JARDFEINGIFaeroe Islands

UNIVERSITE DE VERSAILLES SAINT-QUENTIN-EN-YVELINES.France

NORDURSLODAGATTIN EHFiceland

- **CALL: H2020-GERI-2014-1**

- **GENERA - Gender Equality Network in the European Research Area**

http://cordis.europa.eu/project/rcn/197296_en.html

Website: <http://genera-project.com/>

From 2015-09-01 **to** 2018-08-31, ongoing project

Project details

Total cost:

EUR 3 394 317,50

EU contribution:

EUR 3 188 067,50

Coordinated in:

Germany

Topic(s):

GERI-4-2014 - Support to research organisations to implement gender equality plans

Call for proposal:

H2020-GERI-2014-1

Funding scheme:

CSA - Coordination and support action

Objective

With the main goal to address gender equality in Research & Innovation the proposing GENERA (Gender Equality Network in the European Research Area) consortium has been formed to apply a bottom-up approach to enhance gender equality in the field of physics research as a benchmark for other sciences. Physics is a research field with a low representation of female researchers and a masculine image, so this field as such being represented by different actors will be the basis for GENERA analysis and interventions. GENERA comprises a starting set of organisations active in the field of physics, which are committed to the implementation of the project and to the achievement of its milestones. The consortium proposing the project will be extended to involve other interested major physics research organisations in European countries as associate partners.

The GENERA consortium requests funding to support research organisations in implementing gender equality plans and proposes the following coordination and support actions with a focus on physics research and a keen eye on cultural differences throughout Europe by the following steps:

1. Assess the status of gender issues in the partner organisations.
2. Identify gaps in existing Gender Equality Plans (GEPs) and determine specific needs or actions to enhance gender equality and women careers in physics.
3. Monitor and evaluate the existing activities of the involved organisations (partners and associates).
4. Formulate customized GEPs for all implementing organizations and create a roadmap for their implementation in physics with the potential of application in other research fields.
5. Support involved organisations in implementing customized GEPs.
6. Create a network of RPOs, HEIs and RFOs to promote gender equality in physics.
7. Set up a long-term monitoring system allowing RPOs and RFOs monitoring the impact of their GEPs in physics with the potential of application in other research fields.

Coordinator

STIFTUNG DEUTSCHES ELEKTRONEN-SYNCHROTRON DESY
Germany

Participants

STICHTING VOOR FUNDAMENTEEL ONDERZOEK DER MATERIE –
FOMNetherlands
KARLSRUHER INSTITUT FUER TECHNOLOGIE Germany
PortiaUnited Kingdom
ISTITUTO NAZIONALE DI FISICA NUCLEARE Italy
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN EV
Germany
JOANNEUM RESEARCH FORSCHUNGSGESELLSCHAFT MBHAustria
CENTRO DE INVESTIGACIONES ENERGETICAS, MEDIOAMBIENTALES Y
TECNOLOGICAS-CIEMAT (Participation ended)Spain
UNIVERSITE DE GENEVESwitzerland
CONSIGLIO NAZIONALE DELLE RICERCHE Italy
"INSTITUTUL NATIONAL DE CERCETARE -DEZVOLTARE PENTRU FIZICA SI
INGINERIE NUCLEARA ""HORIA HULUBEI"" (IFIN-HH)"Romania
UNIwersytet JagiellonskiPoland
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS France
INSTITUTO DE ASTROFISICA DE CANARIASSpain

- **PLOTINA - Promoting gender balance and inclusion in research, innovation and training**

http://cordis.europa.eu/project/rcn/198673_en.html

Website: <http://www.plotina.eu/>

From 2016-02-01 **to** 2020-01-31, ongoing project

Project details

Total cost:

EUR 2 296 187,50

EU contribution:

EUR 2 296 187,50

Coordinated in:

Italy

Topic(s):

GERI-4-2014 - Support to research organisations to implement gender equality plans

Call for proposal:

H2020-GERI-2014-1

Funding scheme:

CSA - Coordination and support action

Objective

The overall objective of PLOTINA is to enable the development, implementation and assessment of self-tailored Gender Equality Plans (GEPs) with innovative and sustainable strategies for the Research Performing Organizations (RPOs) involved. This objective will be achieved by: i) Stimulating a gender-aware culture change; ii) Promoting career-development of both female and male researchers to prevent the waste of talent, particularly for women; iii) Ensuring diversification of views and methodologies (in this case by taking into account the gender/sex dimension and analysis) in research and teaching.

PLOTINA is a partnership of RPOs, Professional Associations and Partners with specific expertise in monitoring the progress of the project and in the dissemination. The consortium represents the diversity of European RPOs as well as the diversity of European social and cultural environments.

The workplan will proceed in four overall stages: i) Assess the current situation in all Partner RPOs; ii) Design GEPs for each RPO, iii) Design, implement and evaluate Actions in the Partner RPOs to address the targets of the GEPs, iv) Create a platform of resources that can be used by RPOs across Europe to implement their own GEPs suited to their own situations.

The GEPs Actions will support systemic and sustainable changes at the institutional and departmental of the PLOTINA's RPOs.

The end results will be a set of modular and adaptable resources for other RPOs at the starting stage in the setting up of GEPs, in particular: Tools, GEPs Library of Actions, research and teaching Case Studies and Good Practices.

Strongly aligned with a European Research Area (ERA) objectives on gender equality, PLOTINA will contribute to increase the number of female researcher, promote their careers and integrate of the gender dimension into the design, evaluation and implementation of research, to enhance its quality and relevance foster excellence and the social value of innovations.

Coordinator

ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA Italy

Participants

THE UNIVERSITY OF WARWICK United Kingdom

KEMIJSKI INSTITUT Slovenia

INSTITUTO SUPERIOR DE ECONOMIA E GESTAO – ISEG Portugal

MONDRAGON UNIBERTSITATEASpain

OZYEGIN UNIVERSITESITurkey

ZENTRUM FUR SOZIALE INNOVATION GMBH Austria

JUMP FORUM SPRL Belgium

CENTRO STUDI PROGETTO DONNA E DIVERSITY MGMT Italy

ELHUYAR-ZUBIZE SLSpain

- **GEDDII - Gender Diversity Impact – Improving research and innovation through gender diversity**

http://cordis.europa.eu/project/rcn/197298_en.html

Website: <https://www.gedii.eu/>

From 2015-10-01 **to** 2018-09-30, ongoing project

Project details

Total cost:

EUR 999 901,25

EU contribution:

EUR 999 901,25

Coordinated in:

Spain

Topic(s):

GERI-2-2014 - Impact of gender diversity on Research & Innovation

Call for proposal:

H2020-GERI-2014-1

Funding scheme:

RIA - Research and Innovation action

Objective

The impact of gender diversity on research productivity, quality and innovation is very unevenly evidenced. Incremental insights from gender studies, team science and research evaluation exercises do not transcend these separate areas and are therefore of restricted analytical value. This can be seen, for example, in the understanding of 'gender' as simply concerned with the numerical representation of the two sexes in most quantitative analyses. This not only factors out the gendered hierarchies and social processes that condition science in general and work group dynamics in particular, but severely hampers systematic comparisons of research performance impacts. Using innovative methods for the analysis of the diversity-research productivity relationship, Gedii will develop a reliable diversity measure that is sensitive to power, status and information sharing differentials within teams and across public & private organisations. This Gender-Diversity-Index (GDI) will thus provide a much more nuanced and realistic measure of the impact of gender diversity on research productivity, quality and innovation across countries and sectors. GDI scores will be explored in relation to a flexible set of performance indicators, including patent and bibliometric measures, combined with new indicators of social impact. Gedii's evaluation framework thus responds to the growing concern with responsible research

and innovation. To address the social relevance and utility of our research, Gedii will engage stakeholders early and often: through advisory groups, virtual challenges, and theme-based innovation testimonials. By combining disparate conceptual approaches to gender diversity with an innovative assessment tool, Gedii will for the first time provide clear and comprehensive evidence for the link between gender diversity and research performance and enable research policy- and decision-makers to significantly enhance the capacity of European research.

Coordinator

FUNDACIO PER A LA UNIVERSITAT OBERTA DE CATALUNYA Spain

Participants

HOCHSCHULE FURTWANGENGermany

OREBRO UNIVERSITYSweden

VDE VERBAND DER ELEKTROTECHNIK ELEKTRONIK INFORMATIONSTECHNIK

EVGermany

CRANFIELD UNIVERSITYUnitedKingdom

○ **Hypatia**

http://cordis.europa.eu/project/rcn/198205_en.html

Website: <http://www.expecteverything.eu/hypatia/>

From 2015-08-01 **to** 2018-07-31, ongoing project

Project details

Total cost:

EUR 1 571 218,75

EU contribution:

EUR 1 499 693,25

Coordinated in:

Netherlands

Topic(s):

GERI-1-2014 - Innovative approach to communication encouraging girls to study science

Call for proposal:

H2020-GERI-2014-1

Funding scheme:

CSA - Coordination and support action

Objective

Hypatia will bring about lasting change in the way schools, science museums, research institutions and industry engage teenage girls in STEM across Europe. Bringing these stakeholders together with gender experts and teenagers themselves, Hypatia will develop, pilot and disseminate a unique modular toolkit of activities and guidelines for engaging teenagers in STEM in a gender-inclusive way. These innovative activities, based on existing European good practices, will be implemented in 14 EU countries and further afield, in schools, science museums and by institutions in research and industry, thanks to hubs of stakeholders strengthened through the project. The activities will have a central focus on gender-inclusive ways of communicating STEM, empowering teenage girls and exploring the range of skills that are needed for the great variety of STEM studies and careers open to young people. The Hypatia hubs will provide a sustainable basis for these activities to be carried out on the long term, with a focus on dissemination through networks and stakeholder engagement allowing the project impact to multiply.

Coordinator

STICHTING NATIONAAL CENTRUM VOOR WETENSCHAP EN TECHNOLOGIE
Netherlands

Participants

FONDAZIONE MUSEO NAZIONALE DELLA SCIENZA E DELLA TECNOLOGIA
LEONARDO DA VINCI Italy

Bloomfield Science Museum Jerusalem (BSMJ) Israel

ASSOCIATION EUROPEENNE DES EXPOSITIONS SCIENTIFIQUES, TECHNIQUES
ET INDUSTRIELLESBelgium

CENTER FOR FORMIDLING AF NATURVIDENSKAB OG MODERNE TEKNOLOGI
FONDDenmark

ETABLISSEMENT PUBLIC DU PALAIS DE LA DECOUVERTE ET DE LA CITE DES
SCIENCES ET DE L'INDUSTRIEFrance

KøbenhavnsUniversitetDenmark

BUREAUQ BVNetherlands

PPG EUROPE BVNetherlands

L'OREAL SAFrance

- **CALL H2020-ISSI-2014-1**

- **CIMULACT - CITIZEN AND MULTI-ACTOR CONSULTATION ON HORIZON2020**

http://cordis.europa.eu/project/rcn/197909_en.html

Website: <http://www.cimulact.eu/>

From 2015-06-01 **to** 2018-03-31, ongoing project

Project details

Total cost:

EUR 3 414 383,08

EU contribution:

EUR 3 299 701,83

Coordinated in:

Denmark

Topic(s):

ISSI-2-2014 - Citizens and multi-actor engagement for scenario building

Call for proposal:

H2020-ISSI-2014-1

Funding scheme:

CSA - Coordination and support action

Objective

CIMULACT has as a main objective to add to the relevance and accountability of European research and innovation – Horizon 2020 as well as national - by engaging citizens and stakeholders in co-creation of research agendas based on real and validated societal visions, needs and demands. The project will expand the outlook and debate on STI issues, increase scientific literacy in a broad sense, which includes the understanding of the societal role of Science, Technology and innovation (STI), and create shared understanding between scientific stakeholders, policy-makers and citizens. This multi-actor approach will embrace EU28 plus Norway and Switzerland.

The CIMULACT builds on the principle/conviction that the collective intelligence of society gives Europe a competitive advantage, which may be activated to strengthen the relevance of the European science and technology system. By establishing genuine dialogue between citizens, stakeholders, scientists, and policymakers visions and scenarios for the desirable futures will be developed and debated, and transformed into recommendations and suggestions for research and innovation policies and topics.

In short, CIMULACT will

- Create vision and scenarios that connect societal needs with future expected advances in Science and their impact on technology, society, environment etc. in connection to the grand challenges
- Provide concrete input to Horizon 2020 through recommendations and policy options for R&I and simulated calls for the Horizon2020 Work Programmes.
- Engage citizens and stakeholders in a highly participatory debate/consultation/process on scenarios for desirable sustainable futures and research
- Build capacities in citizen and multi-actor engagement in R&I through development, experimentation, training and assessment of methods for engagement
- Facilitate dialogue and shared understanding between policymakers, citizens, and stakeholders
- Reveal the relative merits of the citizen focussed consultations

Coordinator

FONDEN TEKNOLOGIRADET Denmark

Participants

FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Germany

OESTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN Austria

MISSIONS PUBLIQUES France

STRATEGIC DESIGN SCENARIOS SPRL Belgium

TEKNOLOGICKE CENTRUM AKADEMIE VED CESKE REPUBLIKY Czech Republic

ASOCIATIA INSTITUTUL DE PROSPECTIVA Romania

APPLIED RESEARCH AND COMMUNICATIONS FUND Bulgaria

GREENDEPENDENT INTEZET NONPROFIT KOZHASZNU KORLATOLT FELELOSSEGU TARSASAG Hungary

POLITECNICO DI MILANO Italy

The Association for Science and Discovery Centres United Kingdom

FUNDACIO CATALANA PER A LA RECERCA I LA INNOVACIO Spain

AKADEMIEN DER WISSENSCHAFTEN SCHWEIZ VEREIN Switzerland

HELSINGIN YLIOPISTO Finland

TEKNOLOGIRADET - THE NORWEGIAN BOARD OF TECHNOLOGY Norway

INSTYTUT TECHNOLOGII EKSPLOATACJI-PANSTWOWY INSTYTUT BADAWCZY Poland

ASOCIACIJA ZINIU EKONOMIXOS FORUMAS Lithuania

SIA BALTIJAS KONSULTACIJAS Latvia

UNIVERSITY COLLEGE CORK, NATIONAL UNIVERSITY OF IRELAND, CORK Ireland

STICHTING WAGENINGEN RESEARCH Netherlands

MEDIATEDOMAIN LDAP Portugal

UNIVERSITA TA MALTA Malta

SLOVENSKA AKADEMIA VIEDS Slovakia

SLOVENIAN BUSINESS & RESEARCH ASSOCIATION Belgium

RTD TALOS LIMITED Cyprus

4MOTION ASBL Luxembourg

ODRAZ - ODRZIVI RAZVOJ ZAJEDNICE Croatia

STATENS GEOTEKNISKA INSTITUT Sweden

ATLANTIS SYMVOULEFTIKI ANONYMI ETAIREIA ATLANTIS CONSULTING SA
Greece

○ **SPARKS**

http://cordis.europa.eu/project/rcn/198208_en.html

Website: www.sparksproject.eu

From 2015-07-01 **to** 2018-06-30, ongoing project

Project details

Total cost:

EUR 3 565 373,75

EU contribution:

EUR 3 498 839

Coordinated in:

Belgium

Topic(s):

ISSI-1-2014 - Pan-European public outreach: exhibitions and science cafés engaging citizens in science

Call for proposal:

H2020-ISSI-2014-1

Funding scheme:

CSA - Coordination and support action

Objective

SPARKS is an awareness-raising and engagement project to promote Responsible Research and Innovation (RRI) across 29 European countries (EU members plus Switzerland). It gathers 33 organisations as partners and linked Third Parties. SPARKS will organise an interactive touring exhibition and 232 innovative participatory activities on RRI (science cafés, pop-up Science Shops, incubation activities and scenario workshops) across Europe. The European dimension of the project is paired with a strong emphasis on local implementation through 29 experienced science communicators (one per country) that will adapt the exhibition and activities to their contexts and establish local multi-stakeholder collaborative partnerships. SPARKS will deploy complementary dissemination tools and actions to maximise its outreach and impact. It will collect and analyse important data on RRI throughout Europe and build on its learning to:

- Further build the capacity of science actors and policy makers to promote RRI;
- Better understand society's vision, interests and readiness concerning RRI in health;
- Provide policy recommendations to feed R&I policies with societal inputs and facilitate RRI;
- Develop the capacity of a group of European stakeholders to participate in RRI.

SPARKS will use the appealing topic “technology shifts in health and medicine” to reach out to a wider public, make the RRI concept meaningful to it and establish a direct link with one of the priority societal challenges of Horizon 2020. Creative disruptions—in the form of artistic inputs and questioning— will help it to engage more stakeholders.

SPARKS builds upon a number of relevant EU projects—from RRI Tools to PERARES, from PLACES to VOICES or Twist—and powerful European/ international networks—the European Network of Science Centres and Museums (Ecsite), the international network of Science Shops (Living Knowledge) and the European Regions Research and Innovation Network (ERRIN).

Coordinator

ASSOCIATION EUROPEENNE DES EXPOSITIONS SCIENTIFIQUES, TECHNIQUES
ET INDUSTRIELLESBelgium

Participants

STICHTING AMSTERDAM INSTITUTE FOR GLOBAL HEALTH AND DEVELOPMENT
Netherlands

THE BOARD TRUSTEES OF THE SCIENCE MUSEUMUnited Kingdom
Centrum NaukiKopernikPoland

WISSENSCHAFTSLADEN BONN EVGermany

European Regions Research and Innovation NetworkBelgium

ARS ELECTRONICA LINZ GMBHAustria

KERN EUROPEAN AFFAIRS SPRLBelgium

European University CyprusCyprus

ESSRG Kft.Hungary

Institute of Social InnovationsLithuania

UNIVERSITATEA SAPIENTIA DIN MUNICIPIUL CLUJ-NAPOCARomania

NEULOGY ASSlovakia

GROUSSGASMASCHINNLuxembourg

UNIVERSITA DELLA SVIZZERA ITALIANASwitzerland

- **CALL H2020-GARRI-2014-1**

- **TRUST - Creating and enhancing TRUSTworthy, responsible and equitable partnerships in international research**

http://cordis.europa.eu/project/rcn/197442_en.html

Website: <http://trust-project.eu/>

From 2015-10-01 **to** 2018-09-30, ongoing project

Project details

Total cost:

EUR 2 651 258,75

EU contribution:

EUR 2 141 173,25

Coordinated in:

United Kingdom

Topic(s):

GARRI-6-2014 - Reducing the risk of exporting non ethical practices to third countries

Call for proposal:

H2020-GARRI-2014-1

Funding scheme:

CSA - Coordination and support action

Objective

The goal of the TRUST Project is to catalyse a global collaborative effort to improve adherence to high ethical standards around the world.

Achieving equity in international research is one of the pressing concerns of the 21st century. Many international groups and organisations are working on governance frameworks and standards to guide research activities after progressive globalization. However, their efforts are disparate and lacking a guiding vision. In an interdisciplinary collaboration between multi-level ethics bodies, policy advisors, civil society organisations, funding organisations, industry and academic scholars from a range of disciplines, this project combines long-standing, highly respected efforts to build international governance structures with new exciting network opportunities between Europe, India, Sub-Saharan Africa, China and Russia.

TRUST will open up new horizons in improving adherence to high ethical standards in research globally. The project's strategic output are three sets of tools based on participatory engagement covering all continents: (1) a global code of conduct for funders, (2) a fair research contracting on-line tool and (3) a compliance and ethics follow-up tool, which takes limited resources into account.

Coordinator

UNIVERSITY OF CENTRAL LANCASHIRE United Kingdom

Participants

COUNCIL ON HEALTH RESEARCH FOR DEVELOPMENT ASSOCIATION
Switzerland

FORUM FOR ETHICS REVIEW COMMITTEES IN INDIA India

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION –
UNESCO France

THE SOUTH AFRICAN SAN INSTITUTE TRUSTS South Africa

INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE France

PARTNERS FOR HEALTH AND DEVELOPMENT IN AFRICA (PHDA) Kenya

ACTION CONTRE LA FAIM France

UNIVERSITY OF CAPE TOWN South Africa

SIGNOSIS SPRL Belgium

STIFTUNG GLOBALE WERTE ALLIANZ Switzerland

EUROPEAN & DEVELOPING COUNTRIES CLINICAL TRIALS
PARTNERSHIP Netherlands

UNIVERSITY OF THE WITWATERSRAND JOHANNESBURG South Africa

- **PROSO - Promoting societal engagement under the terms of RRI**

http://cordis.europa.eu/project/rcn/199714_en.html

Website: <http://www.proso-project.eu/>

From 2016-01-01 **to** 2018-02-28, ongoing project

Project details

Total cost:

EUR 1 414 812,50

EU contribution:

EUR 1 414 812,50

Coordinated in:

Germany

Topic(s):

GARRI-1-2014 - Fostering RRI uptake in current research and innovations systems

Call for proposal:

H2020-GARRI-2014-1

Funding scheme:

RIA - Research and Innovation action

Objective

The main objective of PROSO is to foster societal engagement under the terms of RRI in the research and innovation systems in Europe through generation of a policy guide for developing governance for the advancement of societal engagement under RRI in relation to three fields of R&I.

The policy guide will be based on the results that PROSO will achieve through an analysis of barriers and incentives for engaging Third sector actors and citizens under the terms of RRI in relation to publicly funded research including public-private partnership research initiatives.

This analysis will be carried out across three R&I domains (nanotechnology; food & health; bio-economy) focusing on selected cases of R&I situations in each domain and be based on an investigation of the points of view of Third sector actors and citizens and of other stakeholders/actors contributing significantly to RRI including science/technology policy makers, research funders, academics, and industry/businesses.

Main methods used will be semi-structured interviews with the major actors contributing to RRI; national citizen panels that will be carried out in five European countries; an European multi-actor deliberation event on promising approaches to encourage and

implement societal engagement under the terms of RRI; and a couple of expert/stakeholder workshops on selected topics.

Coordinator

DIALOGIK GEMEINNUETZIGE GESELLSCHAFT FUER KOMMUNIKATIONS- UND KOOPERATIONSFORSCHUNG mbHGermany

Participants

APPLIED RESEARCH AND COMMUNICATIONS FUND Bulgaria
UNIVERSITY OF SURREYUnitedKingdom
SOCIEDADE PORTUGUESA DE INOVACAO - CONSULTADORIA EMPRESARIAL E FOMENTO DA INOVACAO S.A.Portugal
OESTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN Austria
FOODDRINKEUROPE AISBLBelgium
UNIVERSITAET STUTTGARTGermany
OPTIMAT LIMITEDUnited Kingdom

- **FoTRRIS - Fostering a Transition towards Responsible Research and Innovation Systems**

http://cordis.europa.eu/project/rcn/197907_en.html

Website: <http://fotrris-h2020.eu/>

From 2015-10-01 **to** 2018-01-31, ongoing project

Project details

Total cost:

EUR 1 674 500

EU contribution:

EUR 1 674 500

Coordinated in:

Belgium

Topic(s):

GARRI-1-2014 - Fostering RRI uptake in current research and innovations systems

Call for proposal:

H2020-GARRI-2014-1

Funding scheme:

RIA - Research and Innovation action

Objective

Fostering a Transition towards Responsible Research and Innovation Systems

The main objective of FoTRRIS is to develop and introduce new governance practices to foster Responsible Research and Innovation (RRI) policies and methods in research and innovation systems. Since research and innovation systems and practices in different European MS and within different research performing organisations vary, FoTRRIS will consider the implementation of new governance practices in five different MS

In order to stress that responsible research and innovation is a collaborative activity from the very beginning—collaboration starts ‘upstream’, from the definition of the problem or challenge, continues with the analysis of the problem, the projection of potential solutions, the design of a research and innovation project that aims at realising a solution, and goes on during its performance and monitoring—FoTRRIS adds the prefix ‘co’ to the acronym RRI.

Moreover, because important present-day challenges are (at least partially) of a global nature, but manifest themselves in ways that are influenced by local conditions,

FoTRRIS focusses on 'glocal' challenges, i.e. local/regional manifestations of global challenges and on 'local' opportunities for solving them.

FoTRRIS will perform a transition experiment, i.e. an experiment to support the transformation of present-day research and innovation strategies into co-RRI-strategies. It will design, test and validate the organisation, operation and funding of a co-RRI-hub. This hub is conceived as a small organisational unit, that will function as a local one-stop innovation platform that encourages various knowledge actors from science, policy, industry and civil society to co-design, -perform, and –monitor co-RRI-projects that are attuned to local manifestations of global sustainability challenges.

The transition experiments performed in 5 member states will be evaluated and policy recommendations to implement co-RRI derived.

Coordinator

VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V. Belgium

Participants

LGI CONSULTING SARL France

ESSRG Kft. Hungary

UNIVERSIDAD COMPLUTENSE DE MADRID Spain

CESI Italy

European Regions Research and Innovation Network Belgium

INTERDISZIPLINARES FORSCHUNGSZENTRUM FÜR TECHNIK, ARBEIT UND KULTUR Austria

- **PRINTEGER - Promoting Integrity as an Integral Dimension of Excellence in Research**

http://cordis.europa.eu/project/rcn/197299_en.html

Website: <http://printeger.eu/>

From 2015-09-01 to 2018-08-31, ongoing project

Project details

Total cost:

EUR 1 987 780

EU contribution:

EUR 1 987 779,75

Coordinated in:

Netherlands

Topic(s):

GARRI-5-2014 - Ethics in Research: Promoting Integrity

Call for proposal:

H2020-GARRI-2014-1

Funding scheme:

CSA - Coordination and support action

Objective

Research integrity is a growing concern among scientists, research organisations, policy makers, and the public, expressed in a proliferation of ethical codes, guidelines, and procedures. While this proliferation calls for harmonisation and coordination, there is little factual knowledge about the actual processes leading to misconduct or the effectiveness of current integrity policies.

PRINTEGER analyses the incidence and individual, social, and organisational causes and dynamics of misconduct. It also analyses how institutions respond to allegations, specifically in interaction with neighbouring law, the media, complex research organisations, and systemic changes in research. From the perspective of the research work floor, including the daily work of journal editors or research managers, PRINTEGER will analyse how current instruments of integrity policy operate in practice. How do guidelines most contribute to integrity? What other instruments and procedures will promote integrity?

PRINTEGER will provide concrete tools and advice to promote research integrity in Europe through four specific target groups:

- advice on an optimal policy mix and opportunities for harmonisation to research policy makers;
- best practice approaches to foster integrity for research leaders and managers;
- advice on the use of IT tools and organisational measures for research support organisations;
- practice-informed educational tools for ethical training and reflection of early career scientists.

PRINTEGER uses a unique approach that looks at procedures and guidelines, but also analyses how they operate in the context of daily research practice. For this purpose, PRINTEGER gathers not only ethicists, but also very pertinent expertise that has barely informed integrity policy so far: legal studies, scientometrics, and social sciences, such as criminology and media studies; all flanked by intensive stakeholder consultation and dissemination activities to maximise impact.

Coordinator

STICHTING KATHOLIEKE UNIVERSITEIT
Netherlands

Participants

TARTU ULIKOOL

Estonia

VRIJE UNIVERSITEIT BRUSSEL

Belgium

HOGSKOLEN I OSLO OG AKERSHUS

Norway

RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITÄT BONN

Germany

UNIVERSITY OF BRISTOL

United Kingdom

UNIVERSITÀ DEGLI STUDI DI TRENTO

Italy

UNIVERSITEIT LEIDEN

Netherlands

- **CALL H2020-GARRI-2015-1**

- **ENERI - European Network of Research Ethics and Research Integrity**

http://cordis.europa.eu/project/rcn/204323_en.html

Website: www.eurecnet.org/eneri

From 2016-09-01 **to** 2019-08-31, ongoing project

Project details

Total cost:

EUR 1 499 000

EU contribution:

EUR 1 499 000

Coordinated in:

Germany

Topic(s):

GARRI-10-2015 - European Ethics and Research Integrity Network

Call for proposal:

H2020-GARRI-2015-1

Funding scheme:

CSA - Coordination and support action

Objective

The “European Network of Research Ethics and Research Integrity” (ENERI) establishes an operable platform of actors in the fields of research ethics and research integrity.

The reliability and credibility of research and science do not depend only on its excellence and productivity but also on the players’ awareness of highest standards of ethics in research and commitment to a responsible conduct of research. Research ethics addresses the application of ethical principles to the various fields of research. This includes ethical aspects of the design and conduct of research, the way human participants or animals within research projects are treated, and aspects of scientific misconduct. Research integrity is recognized as the attitude and habit of the researchers to conduct research according to appropriate ethical, legal and professional frameworks and standards. The fields of research ethics and research integrity combine general ethical reflections, ethics and law as academic disciplines addressing research activities, moral attitudes of researchers, normative policies of

stakeholders like sponsors or funding organizations, and various ethical expectations of the civil society.

ENERI is based on existing networks, projects and infrastructures that already initiated and developed important steps in sharing information, training and capacity building. Research ethics committees, review boards, ombudspersons' offices, research integrity offices and supporting structures are the established bodies monitoring, accompanying and assisting the process of responsible and justifiable research. Therefore the European Network of Research Integrity Offices (ENRIO) and the European Network of Research Ethics Committees (EUREC) mutually initiated ENERI in collaborations with experts in academic research ethics (RE) and responsible research and innovation (RRI), practitioners in training and education in research ethics, and specialists in e-communication and database design.

Coordinator

RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITÄT BONN
Germany

Participants

ÖSTERREICHISCHE AGENTUR FÜR WISSENSCHAFTLICHE INTEGRITÄT
Austria

EUROPEAN NETWORK OF RESEARCH ETHICS COMMITTEES (EUREC) EV
Germany

All European Academies
Netherlands

VILNIAUS UNIVERSITETAS
Lithuania

UNIVERSITEIT MAASTRICHT
Netherlands

INSTITUT FÜR HÖHERE STUDIEN - INSTITUTE FOR ADVANCED STUDIES
Austria

UNIVERSITETET I BERGEN
Norway

HELSINGIN YLIOPISTO
Finland

NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA
Greece

AARHUS UNIVERSITET
Denmark

- **SMART-map - RoadMAPs to Societal Mobilisation for the Advancement of Responsible Industrial Technologies**

http://cordis.europa.eu/project/rcn/203167_en.html

Website: <http://projectsmartmap.eu/>

From 2016-05-01 to 2018-10-31, ongoing project

Project details

Total cost:

EUR 1 515 636,25

EU contribution:

EUR 1 515 636,25

Coordinated in:

Denmark

Topic(s):

GARRI-2-2015 - Responsible Research and Innovation in industrial context

Call for proposal:

H2020-GARRI-2015-1

Funding scheme:

CSA - Coordination and support action

Objective

The aim of SMART-map is to connect a wide range of industrial players with actors from research and civil society organisations and establish innovative formats of collaboration to jointly discuss, define and implement concrete roadmaps (SMART Maps) for the responsible development of technologies and services in three key time-changing fields. Based on the Societal Challenges of Horizon2020, SMART-map will address the areas of precision medicine, 3D printing in the biomedical field, and synthetic biology. On each of these areas we will pair two regions of Europe, on the north/south and east/west axes, and the unique partnership will enable a comparative assessment of these innovation fields. On each theme, SMART-map will deliver an implementation plan, to be demonstrated, tested and assessed. SMART-map will build on the results of the FP7 ResAGorA project, adapted and integrated with other RRI and social responsibility frameworks (i.e. CSR). The project will reach its ambitious goals by developing a new format for open and collaborative dialogues between industry and societal actors (Industrial Dialogues) which will allow the co-design of concrete roadmaps. We will organise two Dialogues per theme in each of the two regions identified, and pilot the roadmap in one industry per theme. The project has already gathered a vast network of industrial players and stakeholders

interested in participating, in giving inputs to the roadmaps implementation and in discussing the outcomes. A uniquely designed Advisory Board, composed of RRI experts (SMART-map RRI Angels) and society representatives (Societal Watchdog), will ensure the dimensions of RRI to be included in all activities, as well as the increase of social value and acceptability of innovation produced with this approach. SMART-map will deliver practical evidence of the benefits for industry in using the SMART Maps, and highlight opportunities for new business models embedding social responsibility.

Coordinator

AARHUS UNIVERSITET
Denmark

Participants

THE UNIVERSITY OF MANCHESTER

United Kingdom

FONDAZIONE GIANNINO BASSETTI

Italy

FORMICABLU SRL

Italy

KOZEP-EUROPAI EGYETEM

Hungary

FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN
FORSCHUNG E.V.

Germany

ZENTRUM FUR SOZIALE INNOVATION GMBH

Austria

Instituto de Medicina Genómica

Spain

THE MANCHESTER METROPOLITAN UNIVERSITY

United Kingdom

- **OPENing UP new methods, indicators and tools for peer review, impact measurement and dissemination of research results**

http://cordis.europa.eu/project/rcn/203537_en.html

Website: <http://openup-h2020.eu>

From 2016-06-01 **to** 2018-11-30, ongoing project

Project details

Total cost:

EUR 2 223 557,50

EU contribution:

EUR 1 951 932,50

Coordinated in:

Lithuania

Topic(s):

GARRI-4-2015 - Innovative approach to release and disseminate research results and measure their impact

Call for proposal:

H2020-GARRI-2015-1

Funding scheme:

CSA - Coordination and support action

Objective

Open Access and Open Scholarship have revolutionized the way scholarly artefacts are evaluated and published, while the introduction of new technologies and media in scientific workflows has changed the “how and to whom” science is communicated, and how stakeholders interact with the scientific community. OpenUP addresses key aspects and challenges of the currently transforming science landscape and aspires to come up with a cohesive framework for the review-disseminate-assess phases of the research life cycle that is fit to support and promote Open Science. Its main objectives are to a) identify and determine ground-breaking mechanisms, processes and tools for peer-review for all types of research results (publications, data, software), b) explore, identify and classify innovative dissemination mechanisms with an outreach aim towards businesses and industry, education, and society as a whole, and c) analyse a set of novel indicators that assess the impact of research results and correlate them of channels of dissemination. It will do so by following a user-centred, evidence-based approach, engaging all stakeholders (researchers, publishers, funders, institutions, industry, public) in an open dialogue through a series of workshops, conferences and training, and validating all interim results via a set of seven pilots involving communities from four research disciplines: life sciences, social sciences, arts & humanities, energy.

It will finally produce a set of concrete, practical, validated policy recommendations & guidelines for national and European stakeholders, including EU institutions, a valuable tool in advancing a more open and gender-sensitive science system. OpenUP partners bring expertise and capacity for evaluating and promoting new approaches in support of open science with decade-long experiences in establishing OA e-Infrastructures, excellent skills and innovative approaches for dissemination, impact indicators and policy design and implementation.

Coordinator

VIESOJI ISTAIGA VIESOSIOS POLITIKOSIR VADYBOS INSTITUTAS
Lithuania

Participants

GEORG-AUGUST-UNIVERSITAT RECHTS Germany	GOTTINGENSTIFTUNG	OFFENTLICHEN
ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON Greece		
UNIVERSITEIT VAN AMSTERDAM Netherlands		
KNOW-CENTER GMBH RESEARCH CENTER FOR DATA-DRIVEN BUSINESS & BIG DATA ANALYTICS Austria		
AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH Austria		
DEUTSCHES ZENTRUM FUR HOCHSCHUL- UND WISSENSCHAFTSFORSCHUNG GMBH Germany		
FRONTIERS MEDIA SA Switzerland		
CONSIGLIO NAZIONALE DELLE RICERCHE Italy		

- **PRISMA - Piloting RRI in Industry: a roadmap for tranSforMAtive technologies**

http://cordis.europa.eu/project/rcn/203531_en.html

From 2016-08-01 to 2019-07-31, ongoing project

Project details

Total cost:

EUR 1 708 096,25

EU contribution:

EUR 1 708 095

Coordinated in:

Netherlands

Topic(s):

GARRI-2-2015 - Responsible Research and Innovation in industrial context

Call for proposal:

H2020-GARRI-2015-1

Funding scheme:

CSA - Coordination and support action

Objective

There is now only limited experience with RRI in industry and there is also limited evidence of the added value of opening up the innovation process in industry for social engagement and gender considerations. We will overcome these current limitations by carrying out eight RRI pilot projects in a real-world industry context. To establish the added value of the RRI approach and the gender dimension in and for industry, we will assess the pilot projects on a number of product and process RRI dimensions and compare the score of the pilots on the relevant RRI dimensions with the score of similar projects in the same companies in which the RRI approach has not been followed. We focus on implementing RRI for some of the major technological challenges in the EU including nanotechnology, synthetic biology, Internet of Things and self-driving or automated cars. These are all transformative technologies that have the potential to transform existing modes of production and to change the relation of the company with users, suppliers or other stakeholders. The pilots aim at integrating RRI in the CSR (Corporate Social Responsibility) policies of the participating companies. Some pilots will take place in private companies and some in public-private partnerships (PPPs). The project will be supported by extensive stakeholder consultations and dialogues. These will feed into the set-up and the carrying out of the pilots. The project will result in a RRI-CSR roadmap for transformative technologies. The roadmap will be widely

disseminated through the partner's extensive industry network, and through industry branch and CSR organizations. An important means of dissemination will also be the MOOC (Massive Open Online Course) on RRI in industry. The dissemination is expected to lead to a better uptake of RRI approaches by industry. This will also contribute to the competitiveness of the European industry.

Coordinator

TECHNISCHE UNIVERSITEIT DELFT
Netherlands

Participants

RIJKSINSTITUUT VOOR VOLKSGEZONDHEIDEN MILIEU* NATIONAL
INSTITUTE FOR PUBLIC HEALTH AND THE ENVIRONMENTEN
Netherlands
KARLSRUHER INSTITUT FUER TECHNOLOGIE
Germany
ASSOCIAZIONE ITALIANA PER LA RICERCA INDUSTRIALE - AIRI
Italy
THE UNIVERSITY OF WARWICK
United Kingdom

- **DEFORM - Define the global and financial impact of research misconduct**

http://cordis.europa.eu/project/rcn/203532_en.html

From 2016-06-01 to 2018-05-31, ongoing project

Project details

Total cost:

EUR 999 712,50

EU contribution:

EUR 999 712,50

Coordinated in:

France

Topic(s):

GARRI-9-2015 - Estimating the costs of research misconduct and the socio-economic benefit of research integrity

Call for proposal:

H2020-GARRI-2015-1

Funding scheme:

CSA - Coordination and support action

Objective

"In a context of tight funding, research and innovation operators tend to look for a rapid return on their investment, including markets near-immediate applications of the funded research results.

This amazing will for swift financial returns is also influenced by the increasing use of information and communication technologies which economic models are shorter than those (OECD, 2014) of general research, particularly in the Medical field (Francis, 2009), but who have nonetheless heavily skewed the perception of these business cycles.

There is therefore an increasing "impatience" of innovation financiers towards funded research projects, which creates significant stress and pressure on research operators and can lead to ethically questionable, if not criminal, practices.

Furthermore, the existence of such problems necessarily has an impact and leave traces, either structural : what is the becoming of research players - these being individuals, public institutions or companies - convicted or even only suspected of such acts? (Fanelli 2009, Sarantakos 2012); sociological : how can society as a whole maintain confidence in a sector more and more suspected of treachery (Larson et al 2011), economic : what is the full cost of such practices in terms of lost training, lost

confidence, lost financing, legal action costs or damages spendings (Mello 2010), and how can the loss of opportunity be evaluated.

In this respect, the objectives of this project are threefold:

- 1 - analyse the occurrence of research malpractice (RM) through historical case studies, and evidenced examples ; this to find and prove the existence or not of a sociological and systematic financial model related to these topics.
- 2 - provide a financial modelisation of RM related risks and loss of opportunity
- 3 - propose a methodology and guidelines for anticipating, prevent and mitigate the appearance of this type of practices."

Coordinator

INSTITUT DES HAUTES ETUDES ECONOMIQUES ET COMMERCIALES
ASSOCIATION
France

Participants

PANEPISTIMIO KRITIS
Greece

- **COMPASS - Evidence and opportunities for responsible innovation in SMEs**

http://cordis.europa.eu/project/rcn/203168_en.html

Website: <https://innovation-compass.eu/>

From 2016-05-01 to 2019-04-30, ongoing project

Project details

Total cost:

EUR 1 505 945,63

EU contribution:

EUR 1 499 945,63

Coordinated in:

Austria

Topic(s):

GARRI-2-2015 - Responsible Research and Innovation in industrial context

Call for proposal:

H2020-GARRI-2015-1

Funding scheme:

CSA - Coordination and support action

Objective

The challenge of the COMPASS project is to collect and deploy evidence on how RRI can be meaningfully integrated into extant innovation systems in European industry. COMPASS will pursue three overarching objectives: Providing evidence for better uptake of RRI in industrial R&D&I, fostering collaboration in three key innovation fields (healthcare, nanotechnology, ICT) and promoting responsible and sustainable R&D&I governance of highly innovative businesses.

To achieve these objectives, COMPASS will build upon previous research and best practice cases on RRI, CSR and sustainable business models. It will involve industry, research and civil society in co-creation processes from very early on in order to ensure usefulness, feasibility and ownership of results among the target communities. The ultimate aim of the project will be to develop, pilot test and finalise an interactive online platform, the Responsible Innovation Compass. The platform will deploy RRI visions and roadmaps for the three innovation fields, a Responsible Innovation Self-Check Tool for SMEs as well as audio-visual training materials and tutorials, short thematic guides, additional resources and promotional materials. It will provide guidance and orientation tailored to the needs of innovative enterprises, particularly SMEs.

COMPASS aims to substantially increase the evidence base for benefits of the

inclusion of RRI into industrial R&D&I, through integrating findings of previous projects, systematically collating the extensive stock of knowledge dispersed across communities of practice, analysing empirical evidence on critical responsibility issues, success factors, and barriers for adoption of RRI in industry and pilot testing the added-value of all content of the project's Responsible Innovation Compass. COMPASS will further explore improved business governance by facilitating co-creation of visions and roadmaps for RRI by stakeholders from industry, research and civil society.

Coordinator

WIRTSCHAFTSUNIVERSITAT WIEN
Austria

Participants

DE MONTFORT UNIVERSITY
United Kingdom
UCLAN CYPRUS LIMITED
Cyprus
FUNDACION BANCARIA CAIXA D ESTALVIS I PENSIONS DE BARCELONA LA
CAIXA
Spain
European Business and Innovation Centre Network
Belgium
STICHTING B LAB EUROPE
Netherlands
STRATEGIC DESIGN SCENARIOS SPRL
Belgium