



Responsible Research and Innovation **IN ACTION**

RRI Tools Final Conference



PROGRAMME

November 21st and 22nd 2016- Brussels

Sheraton Brussels Hotel

Organized by



"la Caixa" Foundation

MONDAY 21st

11:00 - 12:45	Registration	
12:00 - 12:45	Welcome lunch	
OPENING SESSION		
12:45 - 13:00	Welcome	Salle des Nations
13:00 - 13:30	Opening lecture	Salle des Nations
13:30 - 14:45	RRI Tools: main goals and outcomes	Salle des Nations
14:45 - 15:15	Open coffee	
PARALLEL SESSIONS I: What have we achieved so far?		
A. From EU to countries to regions		Salle Permeke
This session will show examples and open up the discussion on how RRI is being implemented at national and regional scales by ministries, R&I funding institutions, research centre managers and administrators, and all actors involved.		
B. Opening up research		Salle Watteau
This session focuses on future strategies and incentives of stakeholder engagement. It tackles diverse ways to open research, including citizen science, science shops, and open science practices.		
C. All-scale innovation		Salle Tintoretto
How innovation actors implement responsible innovation approaches? This session will provide views on how all sorts of innovation actors can work in a more open, responsible, sustainable and acceptable way.		
Do your bit Attendees to the parallel sessions will be able to upload to the RRI Toolkit resources for solving the challenges mentioned during the sessions.		
16:45 - 17:15	Multiverse coffee	
17:15 - 17:45	Wrap-up of parallel sessions and closing remarks Lead to the EFARRI Ceremony	Salle des Nations
17:45 - 18:45	European Foundations Award on Responsible Research and Innovation Ceremony	Salle des Nations
19:15 - 21:30	Cocktail and informal dinner	Salle Horizons

TUESDAY 22nd

8:30 - 9:00	Registration and coffee	
9:00 - 10:00	PLENARY SESSION. Going Global: international perspectives on responsibility	Salle des Nations
10:00 - 10:30	Global coffee	Salle des Nations
10:30 - 12:00	PARALLEL SESSIONS II: Where do we want to go?	Salle des Nations
D. Inspiring and being inspired		Salle Watteau
The aim of the session is showing inspiring European examples of responsible research and innovation practices, which provide solutions to Societal Challenges and/or address Sustainability Development Goals.		
E. Breaking walls, changing structures		Salle Permeke
With the aim of establishing a common ground on how to bring about responsible and open decision making processes in R&I systems, this session will present practical cases of structural changes already developed at different European R&I institutions.		
F. Learning by doing		Salle Tintoretto
This session will focus on how we can incorporate the principles and practices of RRI in a responsible and open way of doing in the education of the researchers, innovators and citizens of tomorrow.		
Do your bit Attendees to the parallel sessions will be able to upload to the RRI Toolkit resources for solving the challenges mentioned during the sessions.		
12:00 - 12:15	Wrap-up of parallel sessions	Salle des Nations
12:15 - 13:30	PLENARY SESSION. Facing the societal challenges of our time	Salle des Nations
13:30 - 14:30	Energizing lunch	
14:30 - 16:00	PLENARY SESSION. Participatory round table: What's next?. Looking beyond the H2020 horizon	Salle des Nations
16:00 - 16:15	Conference conclusions and closure	Salle des Nations

Dear colleagues,

Welcome to the **RRI Tools Final Conference**, an agora designed to friendly share and analyse how research and innovation can be further built upon more open and responsible foundations.

RRI Tools is an EC funded project launched in 2014 with the aim to provide specific tools for the application of Responsible Research and Innovation (RRI) and its key issues: public engagement with science, gender equality, open access, ethics and research integrity, and science education. After three years of work the RRI Toolkit is online (www.rri-tools.eu), providing more than 450 resources developed by renowned experts, and an ambitious training and advocacy program on RRI is running through the RRI Tools Hubs and networks all around Europe. More importantly, there is a growing community of practice of nearly 1,000 members actively contributing to the RRI Toolkit and to a new wave of initiatives aimed at boosting the further uptake of RRI.

The RRI Tools as a project is about to finish, handing over as a legacy a sustainable RRI Toolkit. This Final Conference gathers together a significant number of members of the RRI Community to debate and look ahead together. Once a common understanding has been achieved on what RRI in practice means, we want to collect and share views on how to implement RRI, what could be the logic evolution of this concept and future policy towards a more open science and innovation system.

For doing so the conference addresses the full range of R&I actors: researchers and research organisations, policy makers at global, European, national and regional level, business and industry representatives from SMEs to large corporations, science education members including secondary and higher education as well as science engagement centers, and civil society organizations and society at large.

Finally, to provide further inspiration the conference also hosts, in the evening of Monday 21st, the Ceremony of the European Foundations Award for Responsible Research and Innovation, a sister initiative that aims to recognise the best 3 RRI projects in Europe.

So let's be inspired, let's inspire, let's listen, let's talk, let's meet and enjoy together building a common, more desirable and responsible future.

Enjoy the conference!

The RRI Tools Consortium



MONDAY 21st

12:45 - 13:00

OPENING SESSION

Welcome

Salle des Nations

Jordi Portabella i Calvete

Director, Research and Knowledge Area, "la Caixa" Foundation.

Ana Arana Antelo

Head of Unit, Science With and For Society, Directorate General Research & Innovation, European Commission.

13:00 - 13:30

Opening lecture

Salle des Nations

Ulrike Felt

Professor of Science and Technology Studies, Dean of the Faculty of Social Sciences, University of Vienna.

13:30 - 14:45

RRI Tools: main goals and outcomes

Salle des Nations

Ignasi López Verdeguer

Director of the Department of Science, "la Caixa" Foundation. Coordinator of the RRI Tools project.

Jacqueline Broerse

Director of the Athena Institute, VU University Amsterdam.

Melanie Smallman

Department of Science and Technology Studies, University College London.

Rosalia Vargas

President of Ciência Viva - Agência Nacional para a Cultura Científica e Tecnológica.

The RRI Tools Final Conference will be facilitated by **Vivienne Parry**, science writer and broadcaster

15:15 - 16:45

PARALLEL SESSIONS I: What have we achieved so far?

A. From EU to countries to regions

Salle Permeke

Contents

This session will show examples and open up the discussion on how RRI is being implemented at national and regional scales by ministries, R&I funding institutions, research centre managers and administrators, and all actors involved.

Structure

Case studies will precede an open discussion. Seven panellist will share their experience in embedding RRI into regional and national policies, providing inspiring insights into the current European landscape.

Moderator

Steve Miller

Professor of Planetary Astronomy & Head of Science and Technology Studies, University College London.

Speakers

Sweden's Challenge Driven Innovation scheme

Daniel Rencrantz

Industrial Technologies and Innovation Management Division, Vinnova.

The Dutch experience

Dorette Corbey

Former Director of the Dutch Advisory Council for Science and Technology Policy (2009-2016) and former member of the European Parliament (1999-2009).

The Austrian Alliance for Responsible Science

Marie Céline Loibl

Programmleitung Sparkling Science – Austrian Federal Ministry of Science, Research and Economy.

The Portuguese government's Laboratorios de Participação Publica

Carlos Catalão

Pavilion of Knowledge - Ciência Viva.

The inclusion of RRI and open science in the research policy developed by the Region of Lombardia

Rosangela Morana

Direttore Vicario, Direzione Università, Ricerca e Open Innovation, Regione Lombardia.

The embedding of RRI in the Catalan Health research system

Antoni Andreu Pérez

Director general de Recerca i Innovació en Salut, Departament de Salut, Generalitat de Catalunya.

Opportunities and support for RRI in Horizon 2020 and beyond

Aðalheiður Jónsdóttir

Coordinator of SiS.net – the international network of National Contact Points (NCPs) for Science with and for Society in Horizon 2020.

15:15 – 16:45

PARALLEL SESSIONS I: What have we achieved so far?

B. Opening up research

Salle Watteau

Contents

This session focuses on future strategies and incentives of stakeholder engagement. It tackles diverse ways to open research, including citizen science, science shops, and open science practices.

Structure

We start by listening to preliminary results of a pan-European consultation and have a brief look at inspiring projects related to RRI, transformative and transdisciplinary research. In the following we will facilitate an interactive discussion with our audience about what is urgently needed to implement or experiment with new concepts of communication, co-creation, sustainability or responsibility.

Moderators

Norbert Steinhaus WilaBonn, Living Knowledge Network, **Michaela Shields**, WilaBonn and **Valentina Amorese**, Fondazione Cariplo.

Speakers

Lars Klüver

Director, Danish Board of Technology Foundation. CIMULACT project.

Aleksandra Berditchevskaia Tekiu Ltd, and **Carole Paleco**, Royal Belgian Institute of Natural Sciences. DITOs project.

Eloy Rodrigues

Director of Documentation Services, University of Minho. FOSTER project.

Angela Simone

Fondazione Giannino Bassetti. RRI Tools Italian Hub and SMART-map project.

Claudia Göbel

European Citizen Science Association (ECSA).

Isabella Wedl

Fraunhofer Gesellschaft. LeNa project.

Jozefien De Marrée

Science Shop/Science Outreach Office, Vrije Universiteit Brussel. EnRRICH project.

Susana Nascimiento

JRC - Foresight and Behavioral Insights, EU Policy Lab.

Pere Puigdomènech Rosell

Centre for Research in Agronomical Genomics and member of the EC European Group on Ethics in Science and New Technologies (EGE).

15:15 – 16:45

PARALLEL SESSIONS I: What have we achieved so far?

C. All-scale innovation

Salle Tintoretto

Contents

How innovation actors implement responsible innovation approaches? This session will provide views on how all sorts of innovation actors can work in a more open, responsible, sustainable and acceptable way.

Structure

The session will start with a "PechaKucha", aimed to set the scene and give the audience an overview on some ongoing projects and programmes addressing RRI. The workshop will continue with a panel hosting different innovation stakeholders: this talk will move from the all-scale concept to the all scale-up RRI one.

Moderators

Chiara Davalli Project Manager, EBN and **Bernd Carsten Stahl**, Director of the Centre for Computing and Social Responsibility, De Montfort University.

"PechaKucha" session

Norma Schönherr

Institute for Managing Sustainability, Vienna University of Economics & Business. Global Value project.

Francesco Lescai

Institut for Biomedicin, Aarhus University. SMART-Map project.

Ibo van de Poel

Delft University of Technology. PRISMA project.

Adele Wiman

Institute for Managing Sustainability, Vienna University of Economics & Business. COMPASS project.

Panel session

Ewald Breunese

Manager Energy Transition, Shell.

Kaat Peeters

Director at Social Innovation Factory.

Marie-Pierre Escudié

INSA Lyon - Institut Gaston Berger.

Priscilla Boiardi

Knowledge Centre Director, European Venture Philanthropy Association.

Hilary Sutcliffe

Director of Society Inside®.

17:15 – 17:45

PLENARY SESSION:

Wrap-up of parallel sessions and closing remarks Lead to the EFARRI Ceremony

Salle des Nations

Moderators of the parallel sessions **Steve Miller**, **Norbert Steinhaus**, **Chiara Davalli** and **Rosina Malagrida**, Deputy Coordinator of the RRI Tools Project.



European Foundations Award for Responsible Research & Innovation

Description

The European Foundations Award for Responsible Research & Innovation (EFARRI) aims to identify research groups that have successfully incorporated methods to align research with the needs of society and contributed towards the development of a smart, inclusive and sustainable society.

The award is a joint initiative of



Together they launched this call in September 2015 in the framework of support for Responsible Research and Innovation in the European Research Area.

More information: www.efarri.eu

About the Ceremony

Starting with the submission of over 200 applications nearly a year ago, today at this ceremony the three winners of the EFARRI awards will be announced and receive €20.000 each.

Also one 'public vote of the RRI community' will be handed out to the project that generates the most support from you, the participants of today's RRI Tools final event. Give your vote to your favourite nominee!

Moderators

Vivienne Parry

Science writer and broadcaster.

Gerrit Rauws

Director King Baudouin Foundation, representing the funders of the EFARRI Award.

Jeroen van den Hoven

Professor of Ethics and Technology at Delft University of Technology and chair of the EFARRI jury.

Nominees

¡Pasa la voz!

Spread the word and raise awareness about Chagas disease with and among stakeholders to improve access to diagnosis and treatment - Spain.

3DNovations

Responsible IT business that is targeted to include autism in the working environment and to empower employees with complex needs - United Kingdom.

Belgian Ageing Studies

Engaging the older adults as key participants and actors in the construction of society and policymaking - Belgium.

Nominees

Co-creation of knowledge for sustainable urban development

Trans-disciplinary projects to co-create cities that successfully answer future human needs - Sweden.

EnAHRgie

RRI and Renewable Energy - Conception of sustainable land use and energy supply at the municipal level - Germany.

Environmental DNA and citizen science

Exploration and safeguarding of local coastal diversity through respectful and non-invasive inventory procedures - Spain.

Food Futuring Tours

A participatory visionary lab to think and thinker the future of food at the EXPO 2015 in Milan - Italy.

IMRR Project

Integrated and sustainable water management of the Vietnamese Red-Thai Binh River System in a changing climate - Italy.

IncluSens

Democratising progress in healthcare through the development of wearable, low-cost technological platforms - Spain.

Land Rush and local livelihoods in Central Africa

From a simulation game about disputed natural resources to community theatre action research and land conflict management policies - Belgium.

MedtechTA

Methods for Health Technology Assessment of medical devices: a European perspective - Italy.

miCROWDscopy

Video games, mobile microscopes and big data for collective tele-diagnosis of global health diseases - Spain.

Sensory Assistive Technologies for Impaired Persons

Empowerment of disabled people by non-invasive rehabilitation technologies that enhance the senses - Italy.

Serena

Serious game for girls about renewable energy technologies to promote their interest in technical vocational training - Germany.

Space4Agri (S4A)

How to involve stakeholders and younger generations in earth observation research and support the local agro-food sector - Italy.

TUESDAY 22nd

TUESDAY 22nd

9:00 – 10:00

PLENARY SESSION

Going Global: international perspectives on responsibility

Salle des Nations

Contents

What are the views on responsible science and technology beyond the European borders? This plenary session will present global, American, and Asian perspectives on how responsibility is being tackled across different countries and cultures worldwide.

Moderator

Melanie Smallman

Department of Science and Technology Studies, University College London.

Speakers

John Crowley

Chief of Section, Sector for Social and Human Sciences, UNESCO.

Rajesh Tandon

President of Participatory Research in Asia and co-Chair of the UNESCO Chair in Community Based Research and Social Responsibility in Higher Education.

María Villaveces

Chief executive officer, Colombian Association for the Advancement of Science.

10:30 – 12:00

PARALLEL SESSIONS II: Where do we want to go?

D. Inspiring and being inspired

Salle Watteau

Contents

The aim of the session is showing inspiring European examples of responsible research and innovation practices, which provide solutions to Societal Challenges and/or address Sustainability Development Goals.

Structure

The session starts with an interactive theatre intervention, bringing all the conference participants together to explore the societal future of a new technology - synthetic biology. Actors play out semi-improvised scenes to show the future of potential synbio applications on stage. A facilitator takes the audience to explore the opportunities and dilemmas they have experienced witnessing the scenes. In the second part of the session, several speakers will showcase the projects that address the societal challenges and potential solutions.

Moderators

Carlos Catalão Pavilhão do Conhecimento – Ciência Viva, **Gonçalo Praça**, Pavilhão do Conhecimento – Ciência Viva and **Antonina Khodzhaeva**, Ecsite - European Network of Science Centres and Museums.

Speakers

Interactive theatre intervention:

Frank Kupper, **Mark Vervuurt** and **Maaïke Ament** from Mens in de Maak.

Presentation of inspiring examples:

Helena Canhão

Invited Full Professor, Nova University of Lisbon. Project Leader and Chief Medical Officer, Patient Innovation.

Sofie Vanthournout

Director, Sense about Science EU.

André Schaffrin

European Academy of Technology and Innovation Assessment. EnAHRgie project.

Sarah Dury, **Dominique Verté** and **Nico De Witte**, Faculty of Psychology and Educational Sciences, Vrije Universiteit Brussel. Belgian Ageing Studies project.

Alba Ardura University of Perpignan and **Sara Fernández**, University of Oviedo. Environmental DNA project.

Silvia Moriana and **Anne-Sophie Gresle** Barcelona Institute for Global Health. ¡Pasa la voz! Spread the word about Chagas disease.

10:30 – 12:00

PARALLEL SESSIONS II: Where do we want to go?

E. Breaking walls, changing structures

Salle Permeke

Contents

With the aim of establishing a common ground on how to bring about responsible and open decision-making processes in R&I systems, this session will present practical cases of structural changes already developed at different European R&I institutions.

Structure

In the first part of the session, speakers will briefly introduce examples of structural changes carried out in European institutions. From setting local research agendas to modifying incentive systems in R&I centres, these cases will answer to questions such as the kind of structural changes needed in R&I systems, how to implement open and responsible governance, or how to evaluate the long-term impact of those initiatives. Following, the moderators will facilitate an interactive discussion among the speakers and the audience on still open questions in this field.

Moderators

Ignasi López Verdeguer Director of the Department of Science, "la Caixa" Foundation and **Sergio Villanueva Baselga**, University of Barcelona.

Speakers

Bernardo Rondelli and **Solagne Chavel**
SIRIS Academic, Spain.

Melanie Peters

Director of the Rathenau Institute, Netherlands.

Lars Klüver

Director of the Danish Board of Technology, Denmark.

Ralf Lindner

Fraunhofer Institute for Systems and Innovation Research, Germany. JERRI project.

Fabio Feudo

Laboratory of Citizenship Sciences, Italy. STARBIOS 2 project.

Clare Viney

CEO of CRAC/Vitae.

Anne Snick

Researcher at VITO, Belgium. FOTRRIS project.

Hilary Sutcliffe

Director Society Inside®, UK.

Davy Lorans

Direction Culture, Médiation, Responsabilité sociale, University of Lyon, France.

10:30 – 12:00

PARALLEL SESSIONS II: Where do we want to go?

F. Learning by doing

Salle Tintoretto

Contents

This session will focus on how we can incorporate the principles and practices of RRI in a responsible and open way of doing in the education of the researchers, innovators and citizens of tomorrow.

Structure

The session will start with a "market place", showcasing 11 examples of EU-funded projects tackling different approaches for the implementation of RRI in educational processes. Following, moderators will facilitate an interactive discussion on phases of the R&I process and levels of participation at which different actions can intervene, involving participants and projects' representatives.

Moderators

Rosina Malagrada Head of Living Lab for Health Research, IrsiCaixa AIDS Research Institute and **Viola Pinzi**, Science Projects Officer, European Schoolnet (EUN).

Speakers

Miroslaw Brzozowy

Faculty of Physic, Warsaw University of Technology. STEM4youth project.

Núria Saladié

University Pompeu Fabra. HEIRRI project.

Jozefien De Marrée

Science Shop/Science Outreach Office, Vrije Universiteit Brussel. EnRRICH project.

Alexandra Okada

Knowledge Media Institute at the Open University. ENGAGE project.

Evita Tasiopoulou

European Schoolnet. STEMAlliance initiative.

Laura Tamassia

UC Leuven-Limburg. Quantum Spin-off project.

Andrea Troncoso

ECSITE. SPARKS project.

Isabel Ruiz-Mallén IN3-Universitat Oberta de Catalunya, and **María Heras-López**, ICTA-UAB. PERFORM project.

Meie van Laar

NEMO Science Museum. HYPATIA project.

Josep Carreras

Education and Public Engagement at Living Lab for Health, IrsiCaixa. Xplore Health project.

Ilse Marshalek

Zentrum for Social Innovation, NANOPINION project.

12:00 – 12:15

PLENARY SESSION:

Wrap-up of parallel sessions

Salle des Nations

Moderators of the parallel sessions **Carlos Catalão, Ignasi López, Rosina Malagrada.**

12:15 – 13:30

PLENARY SESSION:

Facing the societal challenges of our time

Salle des Nations

Contents

This plenary session will explore how a more responsible approach to research and innovation can better contribute to solve some of the huge challenges we currently face, such as climate change, food security or global health issues.

Moderators

Jacqueline Broerse

Director of the Athena Institute, VU University Amsterdam.

Speakers

Trish Groves

Editor-in-chief, BMJ Open and Honorary deputy editor, The British Medical Journal.

Pascal Kosuth

Director of the Agropolis Foundation.

Barron Joseph Orr

Professor and Geospatial Extension Specialist, University of Arizona/ Universidad de Alicante.

David Winickoff

Senior Policy Analyst at the OECD - Organization for Economic Cooperation and Development - Secretary of the Working Party on Bio-, Nano- and Converging Technologies.

14:30 - 16:00

PLENARY SESSION:

**Participatory round table: What's next?
Looking beyond the 2020 horizon**

Salle des Nations

Contents

Through a real-time public voting system, roundtable speakers and the public will discuss which measures should take the EC in the remaining H2020 work programmes and the next framework programme to further foster the embracement of responsible and open research and innovation.

Structure

Opening views from speakers + Q&As from moderator and public + real-time public voting for selected questions.

Moderator

Gerrit Rauws

Director at King Baudouin Foundation.

Speakers

Sylvie Bove

CEO EIT Health - European Institute of Innovation & Technology.

Stephanie Daimer

Fraunhofer Institute for Systems and Innovation Research and coordinator of the EU project "Forward Visions on the European Research Area".

Catherine Franche

Executive Director of ECSITE - European Network of Science Centres and Museums.

Katrien Maes

Chief Policy Officer of the League of European Research Universities.

Kurt Vandenberghe

Director, Policy Development and Coordination, European Commission.

16:00 - 16:15

PLENARY SESSION:

Conference conclusions and closure

Salle des Nations

Kurt Vandenberghe

Director, Policy Development and Coordination, European Commission.

Philippe Galiay

Head of Sector 'Responsible Research and Innovation in H2020 and ERA', DG Research & Innovation, European Commission.









Ignasi López Verdeguer

Director of the Department of Science, "la Caixa" Foundation. Coordinator of the RRI Tools project.

The RRI Toolkit:

500+ tools for Responsible Research and Innovation
and a Community of Practice of nearly **1,000** members

Join today: www.rri-tools.eu

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"la Caixa" Foundation



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