



Responsible-Industry

Responsible Research and Innovation in Business and Industry in the Domain of ICT
for Health, Demographic Change and Wellbeing

www.responsible-industry.eu

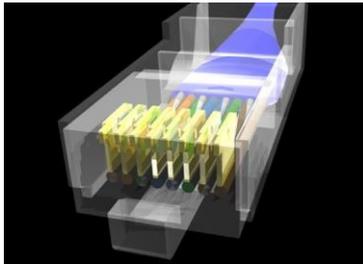


Photo: David Cowan



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Photo: Teresa Howes

CALL FOR COMPETITION NOW OPEN

Competition - Responsible Research and Innovation in Industry Cases

We invite the submission of case studies on good practice in responsible research and innovation in industry. The five winners will receive €3,000 each. The competition starts in April 2014 and the deadline for submission of abstracts is July 10th, 2014. The competition is part of the Responsible Industry EU-funded project.

Information about the project

The Responsible-Industry project will design an Exemplar Implementation Plan of RRI in Industry to demonstrate how industry can work productively together with societal actors and integrate principles and methodologies of Responsible Research and Innovation (RRI) into research and innovation processes. To achieve maximum impact where it is most needed, the implementation plan will focus on the grand challenge of health, demographic change and wellbeing. More specifically the project will focus on the role that research and innovation in ICT can play in addressing this challenge. To contribute to our research, a bottom-up call for case studies of successful examples of RRI in industry is integrated into the project. Five case studies will be funded from successful applicants.

The project is led by Prof. Bernd Stahl. The case studies are collected under the leadership of Prof. Doris Schroeder.



*Prof. Doris Schroeder, Uclan
Cyprus*



*Prof. Bernd Stahl, de Montfort
University UK*

Competition outline

Eligibility criteria

- the case study must be based on real experiences and events
- it must be original
- applicants must not be connected directly to the Responsible Industry project
- applicants must not be indirectly connected to the project in such a way that a conflict of interest might occur in the judging (e.g. married to a partner in the project)
- applicants can be from any organisation or background (e.g. industry, academia, policy making, CSO)
- members of other RRI projects and their associates are eligible to apply

How to apply

In order to avoid a considerable use of time by applicants who are then unsuccessful, the competition is separated into two phases.

Phase 1

The applications in Phase 1 will include

1. an abstract of the case study (max. 500 words),
2. an explanation of why the case study is important (max. 300 words),
3. and an explanation how the funding of 3,000 Euros will be used.

Judging criteria

- Relevance of the case study to the field of RRI
- Clear industry focus (preferably ICT, better ICT and Health, even better ICT, Health, Ageing)
- Originality of the issues raised
- Transferable relevance to other applications, technologies etc.
- Engaging writing style
- Justification of the use of resources



Photo: Jorc Navarro

Phase 2

Winners will be informed on 31 July 2014 and then have four months to deliver their case study (no more than 10 pages) according to the following template:

- One page Executive Summary
- Field of Industry
- Event or Activity
 - For instance, product development, end-user engagement activity.
- Why does it fall under Responsible Research and Innovation?
 - Were there any stakeholders/end-user/public engagement activities?
 - How did the project ensure ethical acceptability, sustainability, and societal desirability of process or products?
 - Did it include foresight activities?
 - Did it include the adoption of specific voluntary measures (oaths, codes, precautionary procedures, certifications, etc)

- What was the Impact?
- Lessons learned
- Optional appendix: Relevance to the five RRI Horizon 2020 actions lines:
 - engage society more broadly in its research and innovation activities,
 - increase access to scientific results,
 - ensure gender equality, in both the research process and research content,
 - take into account the ethical dimension, and
 - promote formal and informal science education.

In addition to the above template, Prof. Doris Schroeder will talk to the 5 winners on the phone to give personalised advice on style and content of the final piece.

The reports will also benefit from the quality assurance through peer reviewers using our standard approach.

Submission



Please email your application to dschroeder@uclan.ac.uk
Prof Doris Schroeder and use
the format below.

The submission form can be downloaded here:

<http://www.responsible-industry.eu/files/Case-study-template.doc?attredirects=0&d=1>

Dissemination

The five winning case studies will be made available to the public via the Responsible-Industry website. Full case studies will be included in the Observatory for RRI in ICT (<http://responsible-innovation.org.uk>). They are likely to be included in the European Observatory for RRI to be developed in the RESPONSIBILITY project.



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Background on Responsible Research and Innovation

One of the most widely accepted definitions of RRI is that it is a “transparent, interactive process by which societal actors and innovators become **mutually responsive** to each other with a view on the **(ethical) acceptability, sustainability** and **societal desirability** of the innovation process and its marketable products (in order to allow a proper embedding of scientific and technological advances in our society)”¹.

According to the RRI definition relevant to Horizon 2020, "RRI is an inclusive approach to research and innovation (R&I), to ensure that societal actors work together during the whole research and innovation process. It aims to better align both the process and outcomes of R&I, with the values, needs and expectations of European society. In general terms, RRI implies anticipating and assessing potential implications and societal expectations with regard to research and innovation."²

The most widely cited academic work on RRI points to the necessity of common efforts and respect for future generations. "Responsible innovation is a collective commitment of care for the future through responsive stewardship of science and innovation in the present."³ In implementing responsive stewardship, four RRI dimensions are necessary: anticipation, reflection, deliberation and responsiveness (see Fig 1).

All three definitions have a process and an outcome dimension. Likewise, the practical action lines or key dimensions from RRI in Horizon 2020 express process and outcome dimensions:

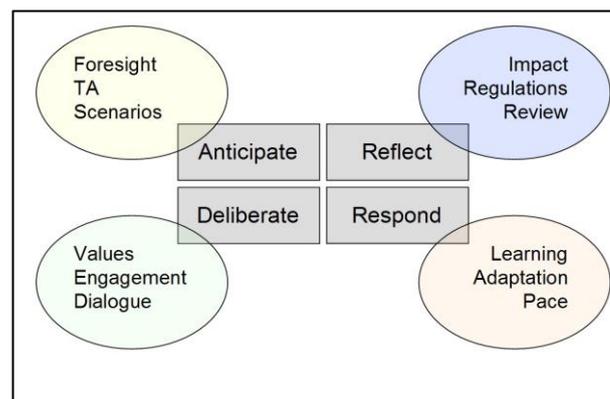


Fig. 1: Responsive Stewardship

- engage society more broadly in its research and innovation activities,
- increase access to scientific results,
- ensure gender equality, in both the research process and research content,
- take into account the ethical dimension, and
- promote formal and informal science education.⁴

¹ von Schomberg, Rene. 2013. A Vision of Responsible Research and Innovation. In Responsible Innovation edited

- by Richard Owen, John Bessant, and Maggy Heintz, 51-74, London; John Wiley.
- ² Science with and for Society. 2013. Responsible Research and Innovation.
<http://ec.europa.eu/programmes/horizon2020/en/h2020-section/science-and-society>.
- ³ Owen Richard, Jack Stilgoe, Phil Macnaghten, Mike Gorman, Erik Fisher, and Dave Guston. 2013. "A Framework for Responsible Innovation." In Responsible Innovation edited by Richard Owen, John Bessant, and Maggy Heintz, 27-50, London; John Wiley.
- ⁴ Science with and for Society. 2013. Responsible Research and Innovation.
<http://ec.europa.eu/programmes/horizon2020/en/h2020-section/science-and-society>.