



Ex-post Evaluation of Science in Society in FP7

European Commission, Directorate-General for Research and Innovation

Contract RTD-B6-PP-00966-2013 under the Framework Contract 2012/S 144-240132

Final Report

Annex II – Activities at national level

Submitted by ICF in association with Delft University, Facts of Life and Technopolis

8 October 2015



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1 Introduction

This Annex presents, as a further source of information, results of the project Monitoring Policies and Activities on Science in Society in Europe (MASIS), in particular its final synthesis report¹, the MASIS country reports and outputs of the SiS FP7 project ResAgorA.² An overview of the type of SiS funding programmes and themes funded in 27 EU Member States and four associated countries (Norway, Iceland, Israel and Switzerland) is presented in Table 1.1 below. Luxembourg is not included due to non-availability of data.

¹ N. Mejlgaard, C. Bloch, L. Degn, T. Ravn, M. Nielsen (2012), Monitoring Policy and Research Activities on Science in Society in Europe (MASIS). Final synthesis report.

² Both the MASIS country reports and the ResAgorA monitoring database (MORRI) are available <http://www.morri.res-agera.eu/about> [accessed 10th June 2015].

2 Overview of national funding programmes with SiS relevance

Table 2.1 Overview of national funding programmes with SiS relevance

Country	Most prominent SiS theme/issue	'vertical' funding programmes ³	Key institutions / actors	Comments
Austria	Research ethics, Gender equality, Open Access	n/a	Austrian Agency for Research Integrity, Ethics Councils	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes, but prominent aspects are institutionalised and funded on an ad-hoc basis.
Belgium	Science communication	Science and society programme of the Belgian Federal Science Policy Office 2002-2003 with a total budget of €1,561,729 ⁴ , funding call on science communication 2009 of the Flemish government with a total budget of €748,698 ⁵	Agency for Innovation by Science and Technology Flanders, Agence de Stimulation Technologique Walloonie, Belgian Federal Science Policy Office	Some SiS aspects were taken up by individual programmes or calls – the majority of research activities takes place in the region of Flanders.
Bulgaria	Research ethics, science education	n/a	National Council on Innovation, National Council for Scientific Research, Council of Rectors, National Science Fund	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes, but prominent aspects are institutionalised and funded on an ad-hoc basis.
Croatia	Science communication, public engagement, science education	n/a	Ministry of science, education and sports and the National science council	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes, but prominent aspects are institutionalised and funded on an ad-hoc basis

³ This only includes national funding programmes dedicated to SiS aspects which are funded by national resources by more than 50% and hold a total budget of more than €100,000. It excludes European programmes and programmes which are funded indirectly through European Funds, such as the European Social Fund.

⁴ <http://www.belspo.be/belspo/fedra/prog.asp?l=en&COD=S2#projects> [accessed 10th June 2015].

⁵ <http://www.ewi-vlaanderen.be/ewi/nieuws/oproep-wetenschapspopularisering-2009> [accessed 10th June 2015].

Country	Most prominent SIS theme/issue	'vertical' funding programmes ³	Key institutions / actors	Comments
Cyprus	n/a	n/a	Cyprus Research Promotion Foundation, National Research and Innovation Council	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes, but prominent aspects are institutionalised and funded on an ad-hoc basis.
Czech Republic	research ethics	n/a	Academy of Sciences, Technology Agency	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes, but prominent aspects are institutionalised
Denmark	Research ethics, public engagement, science education	n/a	n/a	Political commitments to RRI and SiS aspects, but practical implementation is happening in small communities and is not mainstreamed across the national R&I landscape
Estonia	Science education, research ethics and ethics of emerging technologies	n/a	Estonian Academy of sciences, various Ethics committees, Ministry of Education and Research	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes, but prominent aspects are institutionalised and funded on an ad-hoc basis
Finland	Science education, public engagement, user and demand oriented innovation	n/a	Finnish Advisory Board on Research Integrity	
France	Research ethics, environmental sustainability,	n/a	Parliamentary Office for Evaluation of Scientific and Technological Choices, Academy of Technologies, High Council of Biotechnologies, Strategic Council of Research, National Consultative Ethics Body, Observatory for Responsible Innovation ⁶	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes, but aspects of it are prominent in the National Strategy on Research and Innovation ⁷

⁶ <http://www.debatinginnovation.org/>

⁷ <http://www.enseignementsup-recherche.gouv.fr/pid24538/strategie-nationale-de-rechercheet-d-innovation-s.n.r.i.html> [accessed 10th June 2015].

Country	Most prominent SiS theme/issue	'vertical' funding programmes ³	Key institutions / actors	Comments
Germany	Research ethics, public engagement	Citizen dialogue programmes of the Federal Ministry for Education and Research ⁸ Research initiative for restructuring the energy system in a participatory and sustainable manner ⁹	Ministry for Education and Research, Ministry for Economic Affairs, Rectors Conference, Office for Technology Assessment at German Bundestag (TAB), Nanotechnologies Commission (NanoKommission), German Advisory Council on Global Change (WBGU)	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes, but aspects of it are prominent in the High Tech Strategy 2020
Greece	Public engagement, research ethics	n/a	General Secretariat for Research and Technology (GSRT), Greek Bioethics Committee	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes, also issues around Corporate Social Responsibility have gained momentum in light of the ongoing economic crisis and an emerging discussion around corruption
Hungary	Research ethics, data security and privacy, environmental sustainability, open access	n/a	National Authority for Data Security and Freedom, National Food Chain safety Office	
Iceland	environmental sustainability, gender equality	n/a	Icelandic Science and Technology Policy Council, Rannis – The Icelandic Centre for Research, Innovation Centre Iceland	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes and not a government priority
Ireland	Public engagement, societal challenges	n/a	n/a	RRI and SiS aspects have been mainly absent apart from EU funded research
Israel	Research ethics,	Post-doctoral fellowships of the Edelstein center for the History and Philosophy of Science, Technology and Medicine	n/a	The SiS related programs support mainly doctoral and post-doctoral studies and held conferences and workshops, but prominent aspects are institutionalised and funded on an ad-hoc basis

⁸ <http://www.bmbf.de/de/17086.php> [accessed 9th June 2015].

⁹ Forschungsinitiative zum gesellschafts- und umweltverträglichen Umbau des Energiesystems http://www.bmbf.de/press/3581.php?pk_campaign=11-03-2014+-Newsletter+- [accessed 9th June 2015].

Country	Most prominent SiS theme/issue	'vertical' funding programmes ³	Key institutions / actors	Comments
Italy	Research ethics	n/a	n/a	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes and not a government priority, strong preference for self-regulation of industry
Latvia	Science education, research ethics	n/a	n/a	RRI and SiS aspects have been mainly absent apart from EU funded research and there is little institutionalisation of SiS aspects
Lithuania	Research ethics	n/a	Agency for Science, Innovation and Technology (MITA), Office of Ombudsman for Academic Ethics and Procedures, the Research Council of Lithuania (RCL)	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes and not a government priority, but prominent aspects are institutionalised
Netherlands	Public engagement, environmental sustainability	Netherlands Responsible Innovation Program (MVI)	National Research Council NOW, The Health Council (Gezondheidsraad), the Rathenau Institute, the Center for Society and Genomics (CSG) and NanoNextNL.	RRI or SiS aspects are funded via a dedicated programme of the National Research Council and mainstreamed across other R&I funding programmes
Norway	research ethics, public engagement, bioethics	Program for research on responsible innovation and Corporate Social Responsibility (CSR) with an annual budget of €1.15 million ¹⁰	National Research Council, research centres on SiS aspects at University of Bergen, University of Oslo and University of Trondheim ¹¹	RRI or SiS aspects are funded via a dedicated programme of the National Research Council and mainstreamed across other R&I funding programmes – the Research Council's €28,66 million biotechnology programme includes a focus area on 'biotechnology and society' ¹²

¹⁰ http://www.forskningsradet.no/prognost-samansvar/Programme_description/1254002580974 [accessed on 10th June 2015].

¹¹ Namely The Centre for Technology, Innovation and Culture (TIK, formerly TMV) at the University of Oslo, the Centre for the Study of the Sciences and the Humanities (SVT) at the University of Bergen and The Department of Interdisciplinary Studies of Culture (KULT) at the Norwegian University of Science and Technology in Trondheim.

¹² <http://www.forskningsradet.no/en/Funding/BIOTEK2021/1253998372234/p1184150364108?proglid=1253973230625&visAktive=true> [accessed on 10th June 2015].

Country	Most prominent SIS theme/issue	'vertical' funding programmes ³	Key institutions / actors	Comments
Poland	Research ethics, environmental sustainability, Corporate Social Responsibility (CSR)	n/a	Bioethics Committee	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes or policy
Portugal	Research ethics public engagement	Studies on Science and Society, National Foundation for Science and Technology ¹³ , Ciencia Viva programme	Ciencia Viva – Agency for scientific and technological culture ¹⁴	RRI or SiS aspects are irregularly funded by the National Foundation for Science and Technology
Romania	science communication	n/a	The National Council of Ethics in Scientific Research, Technological Development and Innovation	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes or policy
Slovakia	Science communication	Human resources in R&D and science popularisation with an annual budget of €2,98 million in 2006, 2007 and 2009.	Slovak Research and Development Agency, various Ethics Councils	Science communication was an explicit topic of three calls around 'science popularisation'. Ethics assessment are institutionalised across all national R&D funds
Slovenia	science education, public engagement	n/a	n/a	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes or policy

¹³ http://alfa.fct.mctes.pt/apoiros/pr_objetos/concursos/2008/ [accessed on 10th June 2015].

¹⁴ <http://www.cienciaviva.pt/home/>

Country	Most prominent SIS theme/issue	'vertical' funding programmes ³	Key institutions / actors	Comments
Spain	Public engagement, science education, research ethics	National Program of Scientific and Innovation Culture ¹⁵	Advisory Council for Science, Technology and Innovation, Spanish Council of Research (CSIC)	The 2011 Science Act contains numerous references to a number of RRI/SiS aspects – public engagement, science education (formal and informal), gender equality, open access, governance and ethics, it is unclear how this is implemented/transposed across the R&I landscape
Sweden	Research ethics, public engagement, gender equality	n/a	Numerous Ethics Councils, Research Councils SRC, FAS, Formas and Vinnova	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes or policy
Switzerland	Research ethics, bioethics	Society in science fellowships of the ETH Zurich, with a total budget of €19,06 million, Cogito foundation with an annual budget of around €680,000 ¹⁶ , Mercator Foundation with an annual budget of around €6.8 million ¹⁷	Various Ethics Committees, Foundation science and society, Swiss National Science Foundation	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes or policy, but ethics assessments are institutionalised

¹⁵ For more than 10 years, the Ministry responsible for research and innovation (now the Ministry of Economy and Competitiveness) includes, in the framework of the Spanish National R&D&i Plan, a specific program that aims to promote the public engagement in science, technology and innovation. Since 2007, the program has been managed by FECYT (the Spanish Foundation for Science and Technology). In 2013, it had a budget of around €3.250.000. This program gives many universities, research centres, NGOs, city councils and other bodies related with R&D&i a chance to obtain resources for public engagement and public outreach activities. See Fundacion Espanola para la Ciencia y la Tecnologia (2013), Convocatoria de ayudas para el Programa de Cultura Científica y de la Innovación 2013.

¹⁶ <http://www.cogitofoundation.ch/en/default.asp> [accessed on 10th June 2015].

¹⁷ <http://www.stiftung-mercator.ch/?idcat=7> [accessed on 10th June 2015].

Country	Most prominent SIS theme/issue	'vertical' funding programmes ³	Key institutions / actors	Comments
United Kingdom	Research ethics, public engagement, environmental sustainability	n/a	Engineering and Physical Sciences Research Council (EPSRC), Research Councils UK (RCUK)	RRI or SiS aspects are not an explicit topic of 'vertical' funding programmes or policy. Major programmes like EPSRC funded research (e.g. the Quantum Computing Hub) assess RRI aspects a-priori and run accompanying RRI research. The EPSRC has adopted a RRI framework, which is however not mainstreamed across the institutional landscape. Ethics assessments and gender equality are institutionalised

Sources: ResAgora Monitoring Database (MORRI), <https://morri.res-agera.eu/database/> [accessed 9 June 2015]; N. Mejlgaard, C. Bloch, L. Degn, T. Ravn, M. Nielsen (2012), *Monitoring Policy and Research Activities on Science in Society in Europe (MASIS). Final synthesis report.*