

6 Annexes

ANNEX 1. INFORMATION GATHERING TEMPLATE

SEE SEPARATE FILE.

ANNEX 2. CHARACTERISTICS OF DESCRIPTIONS OF RTD ACTIVITIES BY COUNTRIES^{1 2}

Country	Number of research programmes	Programme-based funding	Other types of funding	Number of words coded	Average number of words per activity description
UK	10	5	5	4,324	432
France	9	3	6	5,262	585
Finland	7	6	1	2,921	417
Iceland	6	2	4	1,084	181
Sweden	5	4	1	953	191
Portugal	4	4		1,253	313
Austria	4	2	2	1,229	307
Germany	4	4		1,050	263
Czech Rep.	3	3		1,655	552
Lithuania	3	3		1,173	391
Netherlands	3	3		1,125	375
Greece	2	2		2,468	1,234
Ireland	2		2	2,224	1,112
Switzerland	2		2	1,435	718
Norway	2	2		965	483
Hungary	2	2		960	480
Malta	2	2		908	454
Italy	2		2	479	240
Spain	2	2		377	189
Slovenia	1		1	1,254	1,254
Turkey	1	1		689	689
Luxembourg	1	1		652	652
Poland	1	1		631	631
Estonia	1	1		513	513
Bulgaria	1	1		273	273
Total	80	54	26	35,857	517

¹ Countries are presented in the order of the decreasing total number of RTD activities and decreasing number of words coded

² [I am not convinced that the title of this annex is totally appropriate. Should it instead be something like 'relative numbers allotted to descriptions of RTD activities by countries'. If a change is made to the title here, changes need to be made to the two references to annex 2 made in the main text AT: the numbers presented in this table are not relative, this is exact number of programmes, types of funding and words registered within information sources. Maybe "Characteristics" is not a very good word here, I used it because the idea of this table is to bring together very different parameters related to descriptions of activities]

ANNEX 3. KEY PARAMETERS OF RTD ACTIVITIES INCLUDED IN THE STUDY

Activity	Country	Collaborating countries	Start	Finish	Links
Programmes:					
Access To Knowledge and its enhancement (Toegankelijkheid en Kennisontsluiting in Nederland - ToKeN)	Netherlands		2000	2008	
Austrian Genome Research Programme (Österreichisches Genomforschungsprogramm GEN-AU)	Austria		2001	2010	www.ffg.at/content.php/cid=340 www.gen-au.at/artikel.jsp/id=42&base=foerdern&lang=de www.gen-au.at/artikel.jsp/id=63&base=foerdern&lang=de www.gen-au.at/content_index.jsp/id=21&base=foerdern&lang=de
Basic Research in Informatics for Creating the Knowledge Society (BRICKS)	Netherlands		2004	2009	www.bsic-bricks.nl/
BelAml project	Hungary	Germany			www.belami-project.org/
BIOIT programme	Sweden		2001	2001	
Biotechnology and Health Programme (BIOSAN)	Luxembourg		2000	2011	www.fnr.lu last accessed 12 May 2007 www.fnr.lu last accessed 12 May 2007
Core Competence and Growth in ICT (VERDIKT)	Norway		2005	2014	www.forskningsradet.no/servlet/Satellite/cid=1092128011707&pageid=1092128011707&pagename=verdikt%2FPage%2FHovedSideEng&site=verdikt
Digital Cities and Digital Regions Emergence	Portugal France				www.agencenationale-recherche.fr https://www.gep.inserm.fr/GEP/ANR-emergence/accueil.htm and aap-embp-2007.pdf www.recherche.gouv.fr/appel/2004/technovision.htm
Fit for Knowledge Competition	Germany				www.wissenmanagen.net/Wissenmanagen/Navigation/Wissensprogramme/Wissenswettbewerb.html www.wissenmanagen.net/Wissenmanagen/Navigation/Wissensprogramme/Wissenswettbewerb/Wiki-Med.html
Freeband Communication (Freeband)	Netherlands		2004	2009	www.freeband.nl

Activity	Country	Collaborating countries	Start	Finish	Links
Healthcare technology programme (Finnwell)	Finland		2004	2009	http://akseli.tekes.fi/opencms/opencms/OhjelmaPortaali/ohjelmat/FinnWell/en/Bod.html http://akseli.tekes.fi/opencms/opencms/OhjelmaPortaali/ohjelmat/FinnWell/en/Enterp.html http://akseli.tekes.fi/opencms/opencms/OhjelmaPortaali/ohjelmat/FinnWell/en/etusivu.html http://akseli.tekes.fi/opencms/opencms/OhjelmaPortaali/ohjelmat/FinnWell/en/Joint.html http://akseli.tekes.fi/opencms/opencms/OhjelmaPortaali/ohjelmat/FinnWell/en/osallistuminen.html http://akseli.tekes.fi/opencms/opencms/OhjelmaPortaali/ohjelmat/FinnWell/en/Public.html www.portal.cistrana.org (2) www.tekes.fi/ohjelmat/finnwell
ICT for Medical and Health Care (IKT i medisin og helsetjeneste)	Norway		2001	2005	www.program.forskingsradet.no/ikthelse
IDEIA - Support to Applied Research and Development Projects	Portugal		2003	2006	http://cordis.europa.eu/erawatch/index.cfm/fuseaction=ri.countryreport&full=1&countryCode=PT&printme=1 www.adi.pt www.cienciaviva.pt www.infosociety.gov.pt www.prime.min-economia.pt www.qca.pt
IKT2020	Germany		2007	2011	www.bmbf.de/en/7706.php www.ikt2020.de
IMPULS	Czech Rep.		2004	2010	http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.document&UUID=248EC080-0D8B-48E0-63B29C4064CAEA8F
Information and Knowledge Society Observatory - is the part of UMIC	Portugal				http://cordis.europa.eu/erawatch/index.cfm/fuseaction=ri.countryreport&full=1&countryCode=PT&printme=1 www.adi.pt www.cienciaviva.pt www.infosociety.gov.pt www.prime.min-economia.pt www.qca.pt

Activity	Country	Collaborating countries	Start	Finish	Links
Information Society National Scientific Programme	Bulgaria		2003	2005	www.minedu.government.bg/ www.nsfb.net/
Information technologies for human health – clinical decision support – IT Health Programme	Lithuania		2003	2006	
Intelligent Automation Systems (ÄLY)	Finland		2001	2004	http://akseli.tekes.fi/opencms/opencms/OhjelmaPortaali/ohjelmat/ALY/en/etusivu.html
Jedlik Anyos Programme	Hungary		2000	No end date	
KnowledgeMedia Programme - WissensMedia	Germany		2004	2006	www.wissenmanagen.net/Wissenmanagen/Navigation/Wissensprogramme/wissensmedia.html www.wissenmanagen.net/Wissenmanagen/Navigation/Wissensprogramme/Wissensmedia/Know-IT.html . See also www.know-it.org/
Miniaturising Electronics (Elmo)	Finland		2002	2005	http://akseli.tekes.fi/opencms/opencms/OhjelmaPortaali/ohjelmat/ELMO/en/etusivu.html
Modeling and simulation (MASI)	Finland		2005	2009	http://akseli.tekes.fi/opencms/opencms/OhjelmaPortaali/ohjelmat/MASI/fi/etusivu.html
National Framework Program – Ministry of Science and Higher Education	Poland				
National Programme on Informatics	Spain		2004	2007	www.portal.cistrana.org www.mec.es/ www.mityc.es/
National Programme on Service Technologies for the Information Society	Spain		2004	2007	www.portal.cistrana.org www.mec.es/ www.mityc.es/
National Research Programme II (2006-2011)	Czech Rep.		2006	2011	http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.document&UUID=7D87B208-FB96-7FFC-9559C860BEA21C51
National RTDI Programme 2004-2005	Malta		2004	2005	http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.document&UUID=7D87B341-B054-8BFC-2A1F749043B3836F Last updated on 30/06/2006
New and Emerging Applications of Technology (NEAT)	UK				www.nihr-ccf.org.uk/site/programmes/neat/
NextGenerationMedia	Germany		2004	2004	www.nextgenerationmedia.de www.nextgenerationmedia.de/projekte.htm

Activity	Country	Collaborating countries	Start	Finish	Links
NIHR Programme Grants for Applied Research	UK				www.nihr-ccf.org.uk/site/programmes/programmegrants/default.cfm
Postgenomic Biomedicine Nanoscience and Nanotechnology programme	Iceland		2005	2009	
Program for the development of industrial research and technology (PAVET)	Greece		2005	2007	http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.documentAjax&uuiid=7D87B9A9-9499-0449-25641D5BA94DBA41 Last updated 29/05/2006
Programme for the development of industrial research and technology in new enterprises (PAVET-NE)	Greece		2004	2006	http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.documentAjax&uuiid=7D87B8A0-F73E-29AD-ED49CD7DBD553FF1 Last updated 29/05/2006
Programme of Development of High Technologies	Lithuania		2004	2006	http://cordis.europa.eu/erawatch/index.cfm/fuseaction=ri.content&topicID=64&countryCode=LT
Programme Support to Priority Research and Experimental Development Trends in Lithuania	Lithuania		2003	2005	
R&D Financing Programme	Estonia				www.eas.ee/id=1166 www.eas.ee/id=1297
R&I Programme 2006	Malta		2006	2007	www.mcst.org.mt/page.aspx/id=56 Last accessed 20/04/2007
Research Equipment Fund	Iceland				http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.document&uuiid=69C21522-9AA2-B4FD-8BA02839421B434D
Research Programme on Proactive Computing (PROACT)	Finland	France	2002	2005	www.aka.fi/index.asp?id=d16162a4696042d2821b6291f0732a8e www.aka.fi/proact/ www.portal.cistrana.org (2)
Science Alive (Ciencia Viva) Program	Portugal				http://cordis.europa.eu/erawatch/index.cfm/fuseaction=ri.countryreport&full=1&countryCode=PT&printme=1 www.adi.pt www.cienciaviva.pt www.infosociety.gov.pt www.prime.min-economia.pt www.qca.pt
Science, Innovation and Technology for IT (FIT-IT Forschung, Innovation und Technologie für Informationstechnologien)	Austria				www.ffg.at/content.php/cid=101 www.ffg.at/content.php/cid=340
Scientific and Technological Research Projects Support Programme	Turkey		1994	No end date	http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.document&UUIID=7D87B748-D847-0DDE-1ED2DE38E3C5ED96

Activity	Country	Collaborating countries	Start	Finish	Links
Service Delivery and Organisation Programme (SDO)	UK				www.sdo.lshtm.ac.uk www.nihr.ac.uk/files/pdfs/Implementation%20Plan%206.3%20-%20Existing%20Programmes%20January%202007.pdf www.sdo.lshtm.ac.uk/commissioningprocess.html
Sitra's Health Care Programme TANDEM Programme	Finland Czech Rep.		2004	2010	http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.document&UUID=1F9EBE33-C2C4-6B89-0878AF5EC9914A4E
Technology exchange for the development of business programme (TUFF)	Sweden		1999	1999	
Techno-Vision	France				www.recherche.gouv.fr/appel/2004/technovision.htm
TecSan 2006 & 2007	France				www.agencenationale-recherche.fr
The NHS Health Technology Assessment Programme	UK				www.hta.nhsweb.nhs.uk www.hta.nhsweb.nhs.uk/aboutHTA.htm www.nihr.ac.uk/files/pdfs/Implementation%20Plan%206.3%20-%20Existing%20Programmes%20January%202007.pdf
The Research for Patient Benefit (RfPB) programme	UK				www.nihr-ccf.org.uk/site/programmes/rfpb/default.cfm
The Swedish Governmental Agency for Innovation Systems (VINNOVA)	Sweden		1999	2001	www.vinnova.se/In-English/About-VINNOVA/ www.vinnova.se/In-English/Activities/Biotechnology/ www.vinnova.se/In-English/Activities/Services-and-IT-Implementation-/IT-in-Home-Healthcare/
VINST programme	Sweden		2001	2001	
Non-programme activities:					
Biotechnology and Biological Sciences Research Council	UK				www.bbsrc.ac.uk/science/initiatives/Welcome.html
China-Ireland Science and Technology Collaboration Research Fund	Ireland	China			www.ria.ie/index.html www.ria.ie/international/funding/china.html
COMET - Competence Centers for Excellent Technologies	Austria				www.ffg.at/content.php/cid=340
Commissariat for Atomic Energy (Commissariat à l'Energie Atomique – CEA) - Technologies for Information and Health	France				www.cea.fr/technologies
Economic and Social Research Council (ESRC)	UK				www.esrcsocietytoday.ac.uk/ESRCInfoCentre/opportunities/

Activity	Country	Collaborating countries	Start	Finish	Links
EEA GRANTS	Iceland	Norway, Liechtenstein	2004	2004	www.eeagrants.org/financialmechanisms www.eeagrants.org/prioritysectors-healthandchildcare
Engineering and Physical Sciences Research Council (EPSRC)	UK				www.epsrc.ac.uk/AboutEPSRC/default.htm www.epsrc.ac.uk/CMSWeb/Downloads/Publications/Other/FundingGuide2005V2.pdf
EuroRec Institute, France	France				www.eurorec.org/
FFG Base programme (Basisprogramme der FFG)	Austria				www.ffg.at www.ffg.at/content.php/cid=340
Graduate Education Fund	Iceland				http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.document&uuid=69E5D674-B5F4-F3B8-B5B2A986014C17A9
Innovation Promotion Agency	Switzerland				www.bbt.admin.ch/kti/org/00278/index.html/lang=en www.bbt.admin.ch/kti/org/00279/index.html/lang=en
Medical Research Council	UK				www.mrc.ac.uk/AboutUs/How%20We%20Fund%20Research/index.htm
National Centres of Competence in Research» (NCCR) Programme	Switzerland				www.snf.ch/downloads/nat_ccr_ausschreibung_03.pdf
National Commission for Research on Health	Italy				
National electronic database management for social affairs and health	Finland				
Research Fund	Iceland				http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.document&uuid=7D87C37D-F338-1C76-D91D56DD35EC6C0D
RNTL	France				www.portal.cistrana.org www.rntl.org/
RNTS 2000-2005	France		2000	2005	www.recherche.gouv.fr/technologie/reseaux/rnts.htm
Science Foundation Ireland (SFI)	Ireland	Northern Ireland, USA	2007	2008	www.intertradeireland.com www.sfi.ie/content/content.asp/section_id=610&language_id=1 www.sfi.ie/content/content.asp/section_id=563&language_id=1 www.sfi.ie/content/content.asp/section_id=605&language_id=1 www.sfi.ie http://cordis.europa.eu/erawatch/index.cfm/fuseaction=org.document&uuid=7D87D705-D26D-D1D8-802A80D713B5515E
Swedish Research Council	Sweden				

Activity	Country	Collaborating countries	Start	Finish	Links
Technology Development Fund	Iceland				http://cordis.europa.eu/erawatch/index.cfm/fuseaction=prog.document&uuid=7D87C38D-CB45-2B6A-3D7ABC59A90B18B3
INRIA	France				www.inria.fr/inria/enbref.en.html www.inria.fr/inria/strategie/court/version5.en.html www.inria.fr/inria/contratquadiennal/index.en.html
INSERM - Technologies Applied to Medicine	France				www.inserm.fr/en/inserm/presentation/definition/index.html www.inserm.fr/en/recherches/domaines/sciences_des_techniques/
Institute of Biomedical Informatics	Slovenia	Austria, France, USA			www.mf.uni-lj.si/ibmi-english/splosno/index.html
National Research Council (CNR)	Italy				www.cnr.it
NIHR National Horizon Scanning Centre	UK				www.nihr.ac.uk/files/pdfs/Implementation%20Plan%206.3%20-%20Existing%20Programmes%20January%202007.pdf

ANNEX 4. NUMBER OF REFERENCES TO RESEARCH AREAS BY COUNTRIES¹

	Total eHealth-relevant	Health and medical sciences	Bio-informatics, neuro-informatics, ...	Micro-systems, sensors, embedded systems...	Knowledge and information management	Health informatics, HIS and other eHealth	Visualisation, virtual environments and image processing	ICT and internet technologies	Software engineering, middleware and computing architecture	Optimisation tools and decision support systems	Communication systems and technologies	Micro- and opto-electronics, signal and data processing	Information Society Technologies	No topic restriction	Trust and security	Language and speech technologies, human-comp ...	Non-eHealth	Total
Finland	84	8 ²	2	16	3	6	6	3	9	5	11	6	0	1	3	5	6	90
France	69	11	12	5	4	10	13	0	4	6	2	1	0	0	1	0	6	75
Sweden	22	0	10	0	0	6	0	2	0	0	0	3	0	1	0	0	3	25
UK	22	12	2	0	0	4	0	0	0	1	0	0	0	2	1	0	2	24
Netherlands	21	1	2	0	2	0	2	2	4	2	0	0	5	0	1	0	3	24
Norway	15	1	2	0	2	0	3	1	1	2	1	0	1	0	1	0	4	19
Spain	15	0	0	1	1	1	1	1	6	2	1	0	1	0	0	0	0	15
Slovenia	14	0	3	0	5	0	1	5	0	0	0	0	0	0	0	0	0	14
Lithuania	13	0	3	2	4	1	0	0	0	2	0	0	1	0	0	0	6	19
Greece	12	2	2	2	2	0	0	2	0	0	0	2	0	0	0	0	22	34
Austria	11	2	1	1	1	0	1	0	0	0	0	1	0	2	1	1	2	13
Luxembourg	10	7	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	10
Italy	10	4	4	1	1	0	0	0	0	0	0	0	0	0	0	0	1	11
Czech Rep.	8	1	1	2	1	0	0	1	0	0	0	0	0	1	1	0	5	13
Germany	8	4	0	1	2	0	0	0	0	0	1	0	0	0	0	0	0	8
Iceland	7	0	1	2	0	0	0	0	0	0	0	0	0	4	0	0	0	7
Hungary	6	0	0	1	0	0	0	1	1	0	1	0	1	0	0	1	5	11
Ireland	6	0	2	0	1	0	0	2	1	0	0	0	0	0	0	0	1	7
Switzerland	5	1	0	0	0	0	0	2	0	0	0	1	0	1	0	0	1	6
Turkey	5	1	0	0	2	0	0	0	0	0	1	0	0	0	1	0	5	10
Malta	5	2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	5	10
Portugal	4	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	2	6
Slovakia	3	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	8	11
Bulgaria	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
Poland	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
Belgium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Estonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Latvia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

¹ Countries in the table are presented in the ordered of decreasing of total number of references to eHealth-relevant research areas (column "Total eHealth-relevant")

² Shading of data cells of the table is based on a three-band colour coding excluding row and column totals

Total	380	59	51	34	33	29	27	26	26	21	18	14	12	12	11	7	87	467
	Total eHealth-relevant	Health and medical sciences	Bio-informatics, neuro-informatics, ...	Micro-systems, sensors, embedded systems...	Knowledge and information management	Health informatics, HIS and other eHealth	Visualisation, virtual environments and image processing	ICT and internet technologies	Software engineering, middleware and computing architecture	Optimisation tools and decision support systems	Communication systems and technologies	Micro- and opto-electronics, signal and data processing	Information Society Technologies	No topic restriction	Trust and security	Language and speech technologies, human-comp ...	Non-eHealth	Total

ANNEX 5. LIST OF STAKEHOLDER ORGANISATIONS MENTIONED IN THE INFORMATION SOURCES*Country**Stakeholder group*

Stakeholder organisation

Links

Austria*National ministries and departments responsible for research*

Federal Ministry for Economic Affairs and Labour

Federal Ministry of Economy and Labour (BMWA)

Federal Ministry of Transport, Innovation and Technology (BMVIT)

Programme implementation bodies and funds

BMGF

BMVIT

Research councils and funds

Austrian institution for the promotion of sciences (Österreichische Forschungsförderungsgesellschaft mbH – FFG)

Research organisations

FIT-IT

Belgium*National ministries and departments responsible for research*

Ministry of the Brussels-Capital region

Programme implementation bodies and funds

FWO-Vlaanderen

Institute for the encouragement of Scientific Research and Innovation of Brussels

Institute for the Promotion of Innovation by Science and Technology in Flanders

National Fund for Scientific Research

Regional and local authorities

Brussels-Capital Region

French Speaking Community

IWT (Regional - Flanders)

Ministry of the Flemish Community

Ministry of the French-Community

Regions

Scientific Research Foundation - Flanders

Walloon Government

Research organisations

FNRS

Walloon Region

Bulgaria*Academies*

Academy of Sciences

National ministries and departments responsible for research

Ministry of Economy and Energy

Ministry of Education and Science

Programme implementation bodies and funds

National Innovation Fund

National Science Fund

Czech Rep.*Academies*

Academy of Science

National government

Czech Government

Government

Parliament

<i>Country</i>		
	<i>Stakeholder group</i>	
	Stakeholder organisation	Links
	<i>National ministries and departments responsible for research</i>	
	Industrial Property Office	
	Ministries	
	Ministry of Education, Youth and Sports	www.msmt.cz/
	Ministry of Education, Youth and Sports (2)	
	Ministry of Finance	
	Ministry of Industry and Trade	www.mpo.cz/
	State Office for Nuclear Safety	
	<i>Programme implementation bodies and funds</i>	
	Council for Research and Development	
	Czech Science Foundation	www.gacr.cz/
	National Agency for Agricultural Research	
<i>Denmark</i>	<i>National ministries and departments responsible for research</i>	
	Ministry of Science, Technology and Innovation	
	<i>Programme implementation bodies and funds</i>	
	Council for Independent Research	
	Danish National Advanced Technology Foundation	
	<i>Research organisations</i>	
	Council for Strategic Research	
<i>Estonia</i>	<i>Academies</i>	
	Academy of Sciences	
	<i>Advisory bodies</i>	
	Science Competence Council	
	<i>National government</i>	
	Government	
	Parliament	
	<i>National ministries and departments responsible for research</i>	
	Enterprise Estonia	
	Ministry of Economic Affairs and Communications	
	Ministry of Education and Research	
	<i>Programme implementation bodies and funds</i>	
	Estonian Genome Project Foundation	
	Estonian Science Foundation	
<i>Finland</i>	<i>Academies</i>	
	Academy of Finland	
	Academy of Science	
	<i>Advisory bodies</i>	
	Government and Science and Technology Policy Council	
	Science and Technology Policy Council	
	<i>Health authorities</i>	
	Ministry of Social Affairs and Health	
	Ministry of Social Affairs and Health (MSAH)	
	National Authority for Medico Legal Affairs	
	<i>Industry and private sector</i>	
	HL7 Finland	

<i>Country</i>		
	<i>Stakeholder group</i>	
	Stakeholder organisation	Links
	<i>National government</i>	
	Council of State	
	Government	
	<i>National ministries and departments responsible for research</i>	
	French Ministry of Research and New Technologies	
	Information Society Programme	www.valtioneuvosto.fi
	Ministry of Education	www.education.gov.sk/
	Ministry of Finance	
	Ministry of Finance\Steering group for security on State Administration (VAHTI)	
	Ministry of Justice	
	Ministry of the Interior	
	Ministry of the Interior's MunicipalityIT Unit	
	Ministry of Trade and Industry	www.tekes.fi/eng
	National Insurance Institution	
	Office of the Data Protection (Ombudsman)	
	StatelT-organisation	
	<i>Programme implementation bodies and funds</i>	
	Finnish Innovation Fund (Sitra)	
	National Research Network for Software Technology (RNTL)	
	Research Council for Biosciences and Environment	
	Research Council for Health	
	Sitra	
	StatelT organisation	
	The Finnish Work Environment Fund (Työsuojelurahasto)	
	<i>Regional and local authorities</i>	
	Association of Finnish Local and Regional Authorities	
	<i>Research councils and funds</i>	
	Finnish Funding Agency for Technology Development and Innovation (TEKES)	www.tekes.fi/eng
	Finnish National Fund for Research and Development	
	Finnish Work Environment Fund (Työsuojelurahasto)	
	<i>Research organisations</i>	
	Stakes	
	STAKES Unit for Ehealth and Ewelfare	
	Technical Research Centre of Finland (VTT)	
	VTT Technical Research Centre of Finland	
	<i>Universities and research departments</i>	
	University of Kuopio	
<i>France</i>		
	<i>Academies</i>	
	Academy of Finland	
	<i>National government</i>	
	Parliament Office for Evaluation of Scientific and Technological Choices (Office Parlementaire d'Evaluation des Choix Scientifiques et Technologiques - OPECST)	
	<i>National ministries and departments responsible for research</i>	
	Department for innovation and regional action	
	French Ministry of Research and New Technologies	
	General Office for Research and Innovation (Direction Générale de la Recherche et de l'Innovation - DGRI)	
	Ministry for Research (Ministère de l'Enseignement supérieur et de la Recherche)	
	Strategy department	

<i>Country</i>	<i>Stakeholder group</i>	<i>Links</i>
	Stakeholder organisation	
<i>Programme implementation bodies and funds</i>		
	ADEME	
	ANR	
	ANRS	
	CNES	
	INCa	
	National Research Agency (Agence Nationale de la Recherche – ANR)	
	OSEO-ANVAR	
	RNTL	
<i>Research councils and funds</i>		
	National Technological Network for Health (Réseau National Technologies pour la Santé - RNTS)	
	Networks of Research and Technological Innovations (Réseaux de Recherche et d'Innovation Technologiques - RRIT)	
<i>Research organisations</i>		
	ANDRA	
	BRGM	
	CEA	
	CEE	
	CEMAGREF	
	CIRAD	
	CNRG	
	CNRS	
	CSTB	
	IFP	
	IFREMER	
	INED	
	INERIS	
	INRA	
	INRETS	
	INRIA	
	INRP	
	INSERM	
	Institut Curie	
	Institut Pasteur	
	IPEV	
	IRD	
	IRSN	
	LCPC	
	MNHN	
	ONERA	
<i>Germany</i>		
<i>Health authorities</i>		
	Ministry for Health	
<i>National government</i>		
	Federal Government	
	Parliament	
<i>National ministries and departments responsible for research</i>		
	Federal and State Ministries for Research	
	Federal Ministry of Economics and Technology (BMWi)	
	Federal Ministry of Education and Research (BMBF)	
	Ministries	
	State Ministries for Economics, Innovation and Science	

Country*Stakeholder group*

Stakeholder organisation

Links

Programme implementation bodies and funds

Bund Länder Commission for Educational Planning and Research Promotion (BLK)

Regional and local authorities

Länder

Research organisations

Deutsche Forschungsgemeinschaft (DFG)

Fraunhofer-Gesellschaft (FhG)

Helmholtz-Association of National Research Centres (Helmholtz-Gemeinschaft Deutscher Forschungszentren - HGF)

Leibniz Association (Wissenschaftsgemeinschaft Gottfried Wilhelm Leibniz - WGL)

Max Planck Society (MPG)

Greece*Advisory bodies*

Observatory for the Greek Information Society

National ministries and departments responsible for research

Directorate for Planning & Programming

General Secretariat for Research and Technology (GSRT)

Ministry of Development

Ministry of Economy and Finance

Ministry of Education

www.education.gov.sk/

Ministry of Interior, Public Administration & Decentralization

*Programme implementation bodies and funds*Management Authority of the Operational Programme -Competitiveness-
NHIS**Hungary***Academies*

Academy of Science

President of the Hungarian Academy of Sciences

Advisory bodies

Research and Technology Innovation Council

Science and Technology Policy Council

National government

Government

National ministries and departments responsible for research

Ministries

National Office for Research and Technology

National Office of Research and Technology

Programme implementation bodies and funds

Agency for Research Fund Management and Research Exploitation

Research and Technology Innovation Fund

Research organisations

Cooperative Research Centres

National Institute and Library for Health Information (MEDINFO)

National Institute for Strategic Health Research (ESKI)

Iceland*Advisory bodies*

Council for Science and Technology Policy

Science and Technology Policy Council

<i>Country</i>		
	<i>Stakeholder group</i>	
	Stakeholder organisation	Links
	<i>National ministries and departments responsible for research</i>	
	Ministry of Education, Science and Culture	
	Ministry of Industry and Commerce	
	<i>Programme implementation bodies and funds</i>	
	Graduate Research Fund	
	Research Fund	
	Technology Development Fund	
	<i>Research councils and funds</i>	
	Fund for Research Equipment	
	Icelandic Centre For Research (Rannis)	
	<i>Universities and research departments</i>	
	University Hospital	
	University of Iceland	
<i>Ireland</i>		
	<i>Academies</i>	
	Royal Irish Academy (RIA)	www.ria.ie/index.html
	<i>Advisory bodies</i>	
	Advisory Council for Science, Technology and Innovation	www.forfas.ie/
	Advisory Council for Science, Technology and Innovation (ACSTI)	www.sciencecouncil.ie/
	Chief Science Adviser to the Government	
	Government's Advisory Council for Science, Technology and Innovation	
	Health Research Board (HRB)	www.hrb.ie/
	<i>Charities</i>	
	Atlantic Philanthropies	
	<i>Health authorities</i>	
	Department of Health and Children	www.doh.ie/
	Health Information and Quality Authority	www.hiqa.ie/
	<i>Interministerial and interdepartmental groups</i>	
	Interdepartmental Committee on Science, Technology and Innovation	
	<i>National government</i>	
	Cabinet Sub-Committee on Science, Technology and Innovation	
	Enterprise Strategy Group	
	Government Cabinet Committee	
	Government of the People's Republic of China	
	<i>National ministries and departments responsible for research</i>	
	Department for ETE – Forfás	www.forfas.ie/
	Department of Education and Science	
	Department of Enterprise, Trade and Employment	
	Enterprise Ireland	
	Environmental Protection Agency	
	Higher Education Authority (HEA)	
	IDA	
	Ministry of Science and Technology of the People's Republic of China (MOST)	
	Office of Science and Technology (OST)	
	Office of the Chief Scientific Adviser	
	The Cabinet Sub-Committee on Science, Technology and Innovation	
	<i>Programme implementation bodies and funds</i>	
	Higher Education Authority's Programme for Research in Third Level Institutions (PRTLII)	
	Ireland's Technology Foresight Investment Fund in biotechnology and Information and Communication Technologies	
	Research Council for Science, Engineering and Technology	

*Country**Stakeholder group*

Stakeholder organisation

Links

Research councils and funds

China-Ireland Research Collaboration Fund

Science Foundation Ireland (SFI)

www.sfi.ie/

Technology Foresight Investment Fund in biotechnology and Information and Communication Technologies (ICT)

Research organisations

Health Research Group

Marine Institute

*Italy**Health authorities*

ASSR (Agenzia per i Servizi Sanitari Regionali=Agency for the Regional Sanitary Services)

Ministry of Health

National government

Government

National ministries and departments responsible for research

DIT - Dipartimento per l'Innovazione e le Tecnologie (Department for the Innovation and the Technologies)

Ministry for Economic Development

Ministry of the Reforms and the Innovations in Public Administration

Ministry of the Reforms and the Innovations in Public Administration (2)

Ministry of University and Research

Ministry of University and Research (MIUR)

National Commission for Research on Health

Programme implementation bodies and funds

-Fondo ordinario per ricerca e sviluppo- (Ordinary Fund for R&D)

National Sanitary Found

Ordinary Fund for Higher Education (FFO)

Research councils and funds

National Research Council

National Research Council (CNR)

Research organisations

Experimental Zooprofilattici Institutes

IRCCS (Istituti di ricovero e cura a carattere scientifico)

ISPSL (Istituto Superiore per la Prevenzione e la Sicurezza sul Lavoro=Advanced Institute for the Prevention and the Safety on the Job)

ISS (Istituto Superiore di Sanità=Advanced Institute of Health)

*Latvia**Academies*

Latvian Academy of Sciences

Advisory bodies

Latvian Council of Science

National government

Cabinet of Ministers

National ministries and departments responsible for research

Education, Science, Technological Development and Innovation Working Group

Ministry of Economics

Ministry of Education and Science

Strategic Analysis Commission

Research organisations

Council of Sciences

Universities and research departments

University of Latvia

<i>Country</i>		
	<i>Stakeholder group</i>	
	<i>Stakeholder organisation</i>	<i>Links</i>
<i>Lithuania</i>		
	<i>Academies</i>	
	Academy of Sciences	
	Lithuanian Academy of Sciences	
	<i>Advisory bodies</i>	
	Science Council	
	Science Council of Lithuania	
	<i>National government</i>	
	Government	
	Parliament	
	<i>National ministries and departments responsible for research</i>	
	Department of Science and Higher Education	
	Ministry of Economics	
	Ministry of Education and Science	
	The Ministry of Education and Science	
	<i>Programme implementation bodies and funds</i>	
	Lithuanian State Science and Studies Foundation	
	State Research and Higher Education Fund	
	<i>Universities and research departments</i>	
	Higher Education Science	
<i>Luxembourg</i>		
	<i>National ministries and departments responsible for research</i>	
	Media and Communication Service	
	Ministry of Culture, Higher Education and Research	
	Ministry of Finance	
	Ministry of Public Administration and Administrative reform	www.eLuxembourg.lu
	Ministry of Small and Medium-sized Businesses	
	Ministry of State	
	Ministry of the Economy and Foreign Trade	
	<i>Programme implementation bodies and funds</i>	
	LuxTrust	
	National Agency for Innovation and Research	
	National Research Fund (FNR)	
	Promotion of international cooperation (INTER)	
	<i>Research organisations</i>	
	Resource Center for Healthcare Technologies (CR SANTEC)	www.santec.tudor.lu
	<i>Universities and research departments</i>	
	University of Luxembourg	
<i>Malta</i>		
	<i>Advisory bodies</i>	
	Malta Council for Science and Technology (MCST)	
	<i>Interministerial and interdepartmental groups</i>	
	Intra-governmental Committee on R&I	
	<i>National government</i>	
	Cabinet of Ministers	
	Government	
	<i>National ministries and departments responsible for research</i>	
	Malta Enterprise	
	Ministry for Competitiveness and Communications	

Country	Links
<i>Stakeholder group</i>	
Stakeholder organisation	
Ministry for Education, Youth and Employment (MEYE)	
Ministry's Policy Unit	
National Commission for Higher Education (NCHE)	
Office of the Prime Minister (OPM)	
Secretariat for SMEs	
<i>Programme implementation bodies and funds</i>	
Malta Council for Science and Technology (MCST)	
Programme Management Committee	
PSI Fund	
Technology Transfer Office	
Venture Capital Fund	
<i>Universities and research departments</i>	
University of Malta	
Netherlands	
<i>Academies</i>	
Royal Netherlands Academy of Arts and Sciences (KNAW)	
<i>Advisory bodies</i>	
Advisory Council for Science and Technology Policy (AWT)	
Council for Science, Technology and Information Policy (RWTI)	
Sector Councils	
<i>Interministerial and interdepartmental groups</i>	
Inter-departmental Committee for Science, Technology and Information Policy (CWTI)	
<i>National government</i>	
Parliament	
<i>National ministries and departments responsible for research</i>	
Ministerial Council	
Ministry of Economic Affairs	
<i>Parliament</i>	
Permanent Committee for Education, Culture and Science	
<i>Programme implementation bodies and funds</i>	
Innovation Platform	
Netherlands Organisation for Scientific Research (NWO)	
<i>Research organisations</i>	
Institute for Applied Scientific Research (TNO)	
National Institute of Public Health and the Environment (RIVM)	
Norway	
<i>Advisory bodies</i>	
Government Research Policy Board (Regjeringens forskningsutvalg)	
<i>Interministerial and interdepartmental groups</i>	
Interministerial Committee on Research and Development (Departementenes forskningsutvalg)	
<i>National ministries and departments responsible for research</i>	
Ministry of Education and Research	
Ministry of Education and Research (MER)	
Ministry of Trade and Industry	www.tekes.fi/eng
<i>Programme implementation bodies and funds</i>	
Executive Director for International Affairs	
International Unit	
Research Council of Norway (RCN)	
Research Council's International Unit	
<i>Research organisations</i>	

Country*Stakeholder group*

Stakeholder organisation

Links

Higher education institutions (HEIs)

Norwegian Centre for Telemedicine (NST)

Norwegian EHR Research Centre (NSEP)

World Health Organization Collaborating Centre for Telemedicine

Universities and research departments

Department of Neuroscience

Faculty of Medicine

Norwegian University of Science and Technology

Poland*Academies*

Academy of Sciences

President of the Polish Academy of Sciences

Advisory bodies

Science Council

Health authorities

Ministry of Health

National government

Cabinet of Ministers

Parliament

National ministries and departments responsible for research

Ministry of Science and Higher Education

Programme implementation bodies and funds

Council for Science and Technology Development

Research organisations

Centre of Health Information Systems

Centre of Innovation, Technology Transfer and University Development

www.citru.uj.edu.pl/akcent.html/**Portugal***Advisory bodies*

Higher Council on Science, Technology and Innovation

Interministerial and interdepartamental groups

Inter-Ministerial Follow-up Commission

National ministries and departments responsible for research

Ministry for Science, Technology and Higher Education (MCTES)

Ministry for the Economy and Innovation

Programme implementation bodies and funds

Innovation Agency (AdI)

Innovation and Knowledge Agency (UMIC)

Operational Programme Science and Innovation 2010 (POCI)

Science and Technology Foundation (FCT)

Research councils and funds

Knowledge Society Agency

Slovakia*Academies*

Academy of Science

Academy of Sciences

Slovak Academy of Science

www.savba.sk/*Advisory bodies*

Government Council for Science and Technology

Slovak Government Council for Science and Technology

<i>Country</i>		
	<i>Stakeholder group</i>	
	Stakeholder organisation	Links
	<i>National government</i>	
	Government	
	Parliament	
	<i>National ministries and departments responsible for research</i>	
	Energy Agency	
	Ministries	
	Ministry of Education	www.education.gov.sk/
	<i>Programme implementation bodies and funds</i>	
	Innovation Fund	
	Research and Development Agency	www.apvt.sk/
	Scientific Grant Agency Vega	
<i>Slovenia</i>		
	<i>Academies</i>	
	National Academy of Science and Arts	
	President of the National Academy of Science and Arts	
	<i>Advisory bodies</i>	
	Committee on Higher Education, Science and Technological Development	
	National Council on Science and Technology	
	National Science and Technology Council	
	<i>National government</i>	
	Chamber of Industry and Commerce	
	Government	
	National Assembly	
	<i>National ministries and departments responsible for research</i>	
	Government Office for Growth	
	Ministry of Defence	
	Ministry of Economy	
	Ministry of Finance	
	Ministry of Higher Education, Science and Technology	
	<i>Programme implementation bodies and funds</i>	
	Research Agency	
	Science Agency	
	Slovenian Research Agency	
	Slovenian Science Agency	
	Slovenian Science Foundation	www.ustanova-szf.si
	Slovenian Technology Agency	
	Technology Agency	
	<i>Research organisations</i>	
	Coordination of directors of research institutes KORIS	
	Institute of Biomedical Informatics (IBMI)	
	Institute of Information Science	
	<i>Universities and research departments</i>	
	Faculty of Medicine	
	Rectors' Conference	
	University of Ljubljana	
	University of Maribor	
	University Primorska	
<i>Spain</i>		
	<i>National government</i>	
	Government	

Country*Stakeholder group*

Stakeholder organisation

Links

National ministries and departments responsible for research

Main groups directly involved undertaking RTD activities

Ministry for Public Administration

Ministry of Education and Science - MEC

Ministry of Industry, Tourism and Trade - MITYC

Ministry of the Presidency

Regional and local authorities

Regional governments

Sweden*Advisory bodies*

Innovation Policy Council (IPC)

Research Policy Council (RPC)

National government

Government

Parliament

Swedish Government

National ministries and departments responsible for research

Ministry for Industry, Employment and Communications

Ministry of Defence

Ministry of Education, Research and Culture

Ministry of Industry, Employment and Communications

Programme implementation bodies and funds

Agency for Business Development (NUTEK)

Knowledge Foundation (KKS)

Swedish Council for Working Life and Social Research (FAS)

Swedish Foundation for Strategic Research (SSF)

Swedish National Space Board (SNSB)

Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS)

The Research Policy Council (RPC)

Research councils and funds

Swedish Agency for Innovation Systems (VINNOVA)

Swedish Research Council (VR)

Research organisations

Institute for Growth Policy Studies (ITPS)

Switzerland*National government*

Federal Government

National ministries and departments responsible for research

Federal Office for Professional Education and Technology (OPET)

State Secretariat for Education and Research (SER)

Steering Committee

Programme implementation bodies and funds

Swiss Science and Technology Council (SSTC)

The Swiss Science and Technology Council (SSTC)

Regional and local authorities

Regional governments

Research councils and funds

Innovation Promotion Agency (CTI)

National Centres of Competence in Research (NCCR)

Swiss National Science Foundation (SNSF)

<i>Country</i>		
	<i>Stakeholder group</i>	
	Stakeholder organisation	Links
	<i>Research organisations</i>	
	EPF Lausanne	
	ETH Zurich	
	ETH-Steering Committee	
	Federal Institutes	
	Federal Institutes of Technology (ETH)	
	<i>Turkey</i>	
	<i>National ministries and departments responsible for research</i>	
	Executive Committees	
	State Planning Organisation (DPT)	
	Under-secretariat of Foreign Trade (DTM)	
	<i>Programme implementation bodies and funds</i>	
	Research Support Programmes Directorate	
	Research Supports Directorate	
	Scientific and Technological Research Council of Turkey (TUBITAK)	
	Scientist Support Directorate	
	Small and Medium Industry Development Organisation (KOSGEB)	
	Technology and Innovation Support Programmes Directorate	
	Technology Development Foundation of Turkey (TTGV)	
	<i>Research organisations</i>	
	Public Research Group	
	<i>UK</i>	
	<i>Academies</i>	
	Academy of Medical Sciences	
	<i>Advisory bodies</i>	
	Chief Scientific Adviser (CSA) to the Prime Minister	
	<i>Health authorities</i>	
	Department of Health (DH)	www.dh.gov.uk
	Health Departments	
	Health Protection Agency	
	NHS	
	<i>National government</i>	
	Government	
	<i>National ministries and departments responsible for research</i>	
	Department of Trade and Industry	
	Department of Trade and Industry (DTI)	
	Departmental policy branches	
	HPSS	
	Office of Science and Innovation (OSI)	
	Office of Science and Technology (OST)	
	<i>Programme implementation bodies and funds</i>	
	Health Research Central Commissioning Facility (CCF)	
	Health Technology Assessment (HTA) Programme	
	National Institute for Health Research (NIHR)	www.nihr.ac.uk/
	New and Emerging Applications of Technology (NEAT)	
	NIHR Central Commissioning Facility (CCF)	
	UK Clinical Research Collaboration (UKCRC)	www.ukcrc.org/

<i>Country</i>		
<i>Stakeholder group</i>		
<i>Stakeholder organisation</i>		<i>Links</i>
<i>Research councils and funds</i>		
Biotechnology and Biological Sciences Research Council (BBSRC)		
Economic and Social Research Council (ESRC)		
Engineering and Physical Sciences Research Council (EPSRC)		
Medical Research Council (MRC)		
Tools & Resources Development Fund		
<i>Research organisations</i>		
National Institute for Health and Clinical Excellence (NICE)		
NHS National Institute for Innovation and Improvement		www.institute.nhs.uk/
Policy Research Units		

ANNEX 6. METHODOLOGICAL NOTE ON WEIGHTING OF REFERENCING FREQUENCIES WITHIN THE STAKEHOLDER ANALYSIS FRAMEWORK

The figure below provides an example of the calculation of relative weights for the “Policy” and “Advice...” roles of the “Implementation bodies...” stakeholder group in Norway. This particular example was selected because it allows most clear demonstration of the impact of weighing in the distribution of referencing frequency between roles. Coding for this stakeholder group in the information sources on Norway generated 10 references for the “Policy” role and 5 references for the “Advice...” role (see column “Number of references” in the top table below). However, application of weighting converted 10 references to the “Policy” role into the overall weight of 0.66, whereas for the “Advice...” role 5 references translate it was equal 0.75 (see column “Overall weight” in the top table below).

The overall weighting factor for a stakeholder group in relation to a particular role had two components. The first component was designed to produce a relatively higher weighting for stakeholder groups that played larger number of roles in a specific country. The second component produced relative weights for each of the roles played by a particular stakeholder. This weighting factor produced a relatively lower rate for a role played by a relatively larger number of stakeholders.

The relative weight for a role was calculated as a ratio between the rank¹ of the role and the total number of roles played by a stakeholder group in a particular country (see the top table in the figure below). In the overall weighting, this ratio weighs higher for those stakeholder groups which had a larger number of roles mentioned for them. In the example below this calculation is represented in the top table in the columns “Reversed rank” and “Role weighting”. For the “Policy” role it was equal 0.88 and 0.75 for the “Advice...” role.

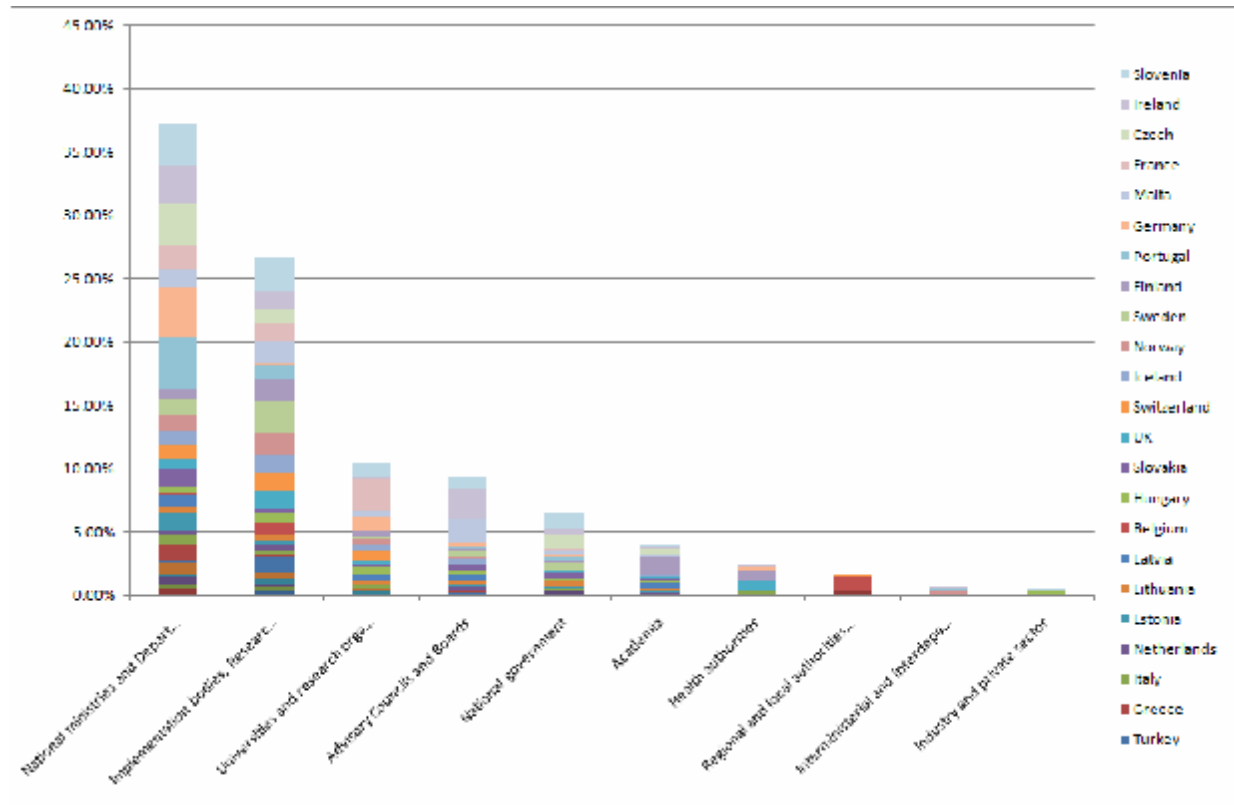
The relative weight based on the stakeholder group rank was designed to reduce the overall weighting for those roles for which a relatively larger number of stakeholder groups was mentioned. In the example below the “Policy” role was mentioned in relation to four stakeholder groups, the sum of ranks for which equals 10 (4+3+2+1 in the “Reversed rank” column in the bottom table below). The sum of ranks for two stakeholder groups mentioned in relation to the “Advice...” role equals 3 (2+1 in the column “Reversed rank”). Then the weight for each stakeholder group was calculated in the column “Stakeholder rank weighting” in the bottom table as a ratio between the rank of the stakeholder group and the sum of ranks of stakeholders⁵ mentioned in relation to the same role. Then this weight was converted into relative weigh as a proportion of the highest weight in the group (see column “Stakeholder rank weight” in the bottom table).

The overall weight was calculated by multiplying two relative weight described above. This weighting factor was used in calculation of weighted referencing frequencies (WRF) to incorporate the following logic into the analysis: (1) the larger the number of roles played by a stakeholder group in a country, the more important this group was considered to be within the country’s RTD stakeholder environment; (2) at the same time, the larger the number of stakeholders mentioned in relation to a single role, the less important this role was considered to be within the overall stakeholder agenda.

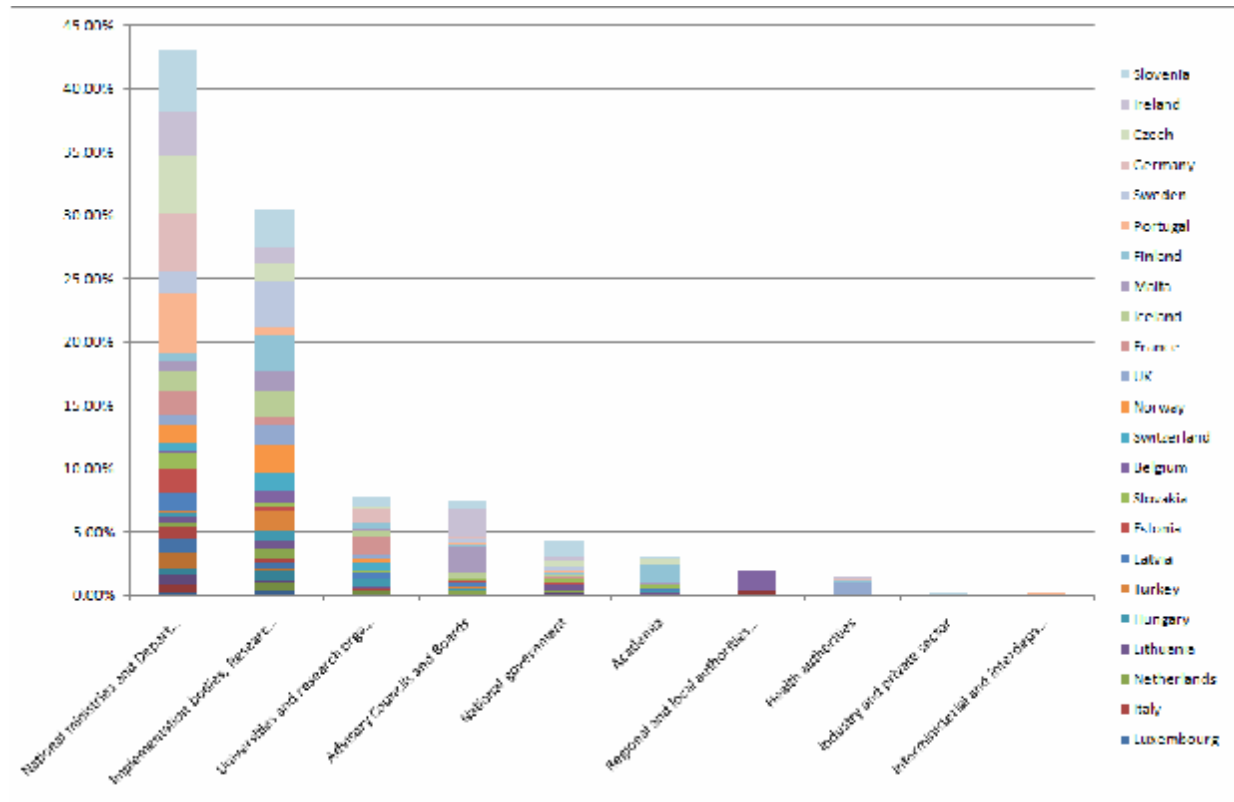
¹ By referencing frequency

ANNEX 7. EFFECT OF WEIGHTING ON THE DISTRIBUTION OF STAKEHOLDER GROUPS⁶

Number of references:



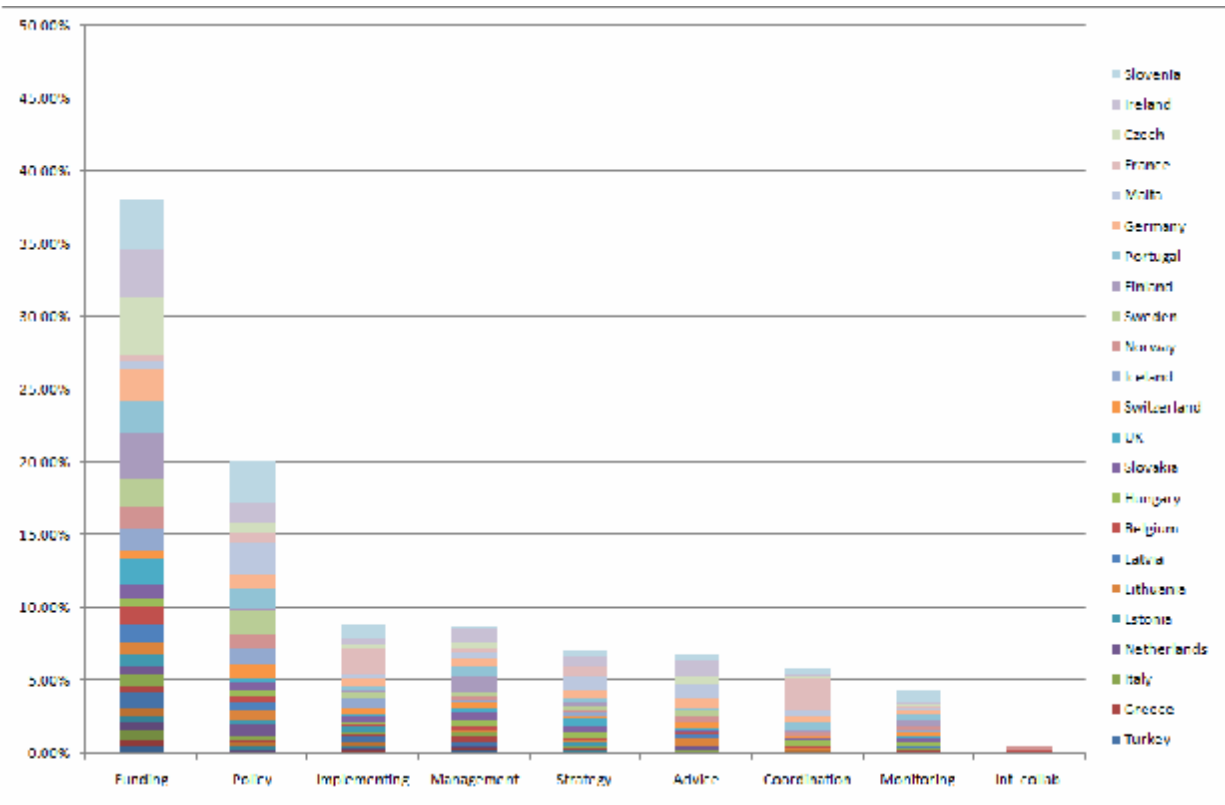
Weighted number of references:



⁶ Countries in the legend are listed in the order of decreasing of the number of references

ANNEX 8. EFFECT OF WEIGHING ON THE DISTRIBUTION OF ROLES

Number of references:



Weighted number of reference:

