

D2.1: Draft Stakeholder Map

Author(s)	Manolis Terrovitis, Prodromos Tsavos, Per Oster, Marie Sandberg, Claudio Gheller, Oriol Pineda, Philippe Segers
Status	Final
Version	V1.0
Date	15/05/2017

Dissemination Level



PU: Public



PP: Restricted to other programme participants (including the Commission)



RE: Restricted to a group specified by the consortium (including the Commission)



CO: Confidential, only for members of the consortium (including the Commission)

Abstract:

This document is the first draft of the Stakeholder Map whose objective is to scope the wide field of potential stakeholders, to determine who is affected and need to affect the European Open Science Cloud and to organize and manage the involvement of these stakeholders. The deliverable will result in a mapping of stakeholders to roles, level of influence and participation as well as to concepts and categories with identified relations and dependencies.

The European Open Science Cloud for Research pilot project (EOSCpilot) is funded by the European Commission, DG Research & Innovation under contract no. 739563

Document identifier: EOSCpilot -WP2-D2.1	
Deliverable lead	ARC
Related work package	WP2
Author(s)	Manolis Terrovitis, Prodromos Tsavios, Per Oster, Marie Sandberg, Claudio Gheller, Oriol Pineda, Philippe Segers
Contributor(s)	
Due date	31/03/2017
Actual submission date	15/05/2017
Reviewed by	Magchiel Bijsterbosch, Saara Värttö
Approved by	
Start date of Project	01/01/2017
Duration	24 months

Versioning and contribution history

Version	Date	Authors	Notes
0.1	29/03/2017	Contributor Manolis Terrovitis	Original Version with a focus on the collection of primary data
0.2	30/03/2017	Contributors Manolis Terrovitis, Prodromos Tsavios	Methodology, introduction, early conclusions.
0.3	05/05/2017	Contributors Per Oster, Marie Sandberg, Claudio Gheller, Oriol Pineda, Philippe Segers	PRACE description update and general comments
0.4	15/05/2017	Contributors Manolis Terrovitis, Prodromos Tsavios	Responding to Comments, Improving Methodology and normalising data.

Copyright notice: This work is licensed under the Creative Commons CC-BY 4.0 license. To view a copy of this license, visit <https://creativecommons.org/licenses/by/4.0>.

Disclaimer: The content of the document herein is the sole responsibility of the publishers and it does not necessarily represent the views expressed by the European Commission or its services.

While the information contained in the document is believed to be accurate, the author(s) or any other participant in the EOSCpilot Consortium make no warranty of any kind with regard to this material including, but not limited to the implied warranties of merchantability and fitness for a particular purpose.

Neither the EOSCpilot Consortium nor any of its members, their officers, employees or agents shall be responsible or liable in negligence or otherwise howsoever in respect of any inaccuracy or omission herein.

Without derogating from the generality of the foregoing neither the EOSCpilot Consortium nor any of its members, their officers, employees or agents shall be liable for any direct or indirect or consequential loss or damage caused by or arising from any information advice or inaccuracy or omission herein.



TABLE OF CONTENT

1 EXECUTIVE SUMMARY	6
2 INTRODUCTION	7
2.1 Approach and Methodology.....	7
2.1.1 An objectives driven approach	7
2.1.2 Methodological Directions	8
3 STAKEHOLDER TYPES	12
4 E-INFRASTRUCTURES	13
4.1 OpenAIRE.....	13
4.2 GEANT.....	14
4.3 PRACE	16
4.4 European Grid Infrastructure (EGI)	20
4.5 EUDAT.....	22
5 PARTICIPATION OF MEMBER STATE (MS) ORGANIZATIONS IN INFRASTRUCTURE PROJECTS	24
5.1 Analysis by country.....	31
5.1.1 Austria.....	31
5.1.2 Belgium	32
5.1.3 Bulgaria	33
5.1.4 Croatia	35
5.1.5 Cyprus	35
5.1.6 Czech Republic.....	37
5.1.7 Denmark	38
5.1.8 Estonia	39
5.1.9 Finland	41
5.1.10 France	41
5.1.11 Germany	42
5.1.12 Greece.....	44
5.1.13 Hungary	45
5.1.14 Ireland.....	46
5.1.15 Italy	47
5.1.16 Latvia.....	49
5.1.17 Lithuania	50
5.1.18 Luxembourg.....	51
5.1.19 Malta.....	52
5.1.20 Netherlands	53
5.1.21 Poland.....	55
5.1.22 Portugal	56
5.1.23 Romania.....	57
5.1.24 Slovakia	58
5.1.25 Slovenia.....	59
5.1.26 Spain	60
5.1.27 Sweden	62
5.1.28 Switzerland	63
5.1.29 United Kindom.....	63
6 CONCLUSIONS	66
ANNEX A.....	ANNEXES
67	

A.1.	H2020 and selected Fp7 Infrastructure projects.....	67
A.2.	Participants in Infrastructure projects.....	70
ANNEX B.....	GLOSSARY	
95		

1 EXECUTIVE SUMMARY

This document is the first draft of the Stakeholder Map whose objective is to scope the wide field of potential stakeholders, to determine who is affected and need to affect the European Open Science Cloud and to organize and manage the involvement of these stakeholders. The deliverable will result in a mapping of stakeholders to roles, level of influence and participation as well as to concepts and categories with identified relations and dependencies. The objectives of the the first draft are the following:

- To define the roles of stakeholders in EOSC.
- To describe the types of stakeholders.
- To present the methodology for making the final mapping of stakeholders.

In the current version of the deliverable we present a methodology for scoping the stakeholders which is based on a first step of desk research and a second step of interviews with key stakeholders. In Section 2, we describe our methodology and stakeholder roles, and in Section 3 the main types of stakeholders that we have identified. In Section 4 we present the main e-infrastructures, which we consider as a basic starting point for mapping the stakeholder landscape. In Section 5 we go a step forward by exploring all the organizations that participated in Horizon 2020 infrastructure projects (both e-infrastructures and Research Infrastructure projects) and in selected FP7 infrastructure projects. Our analysis is based on the number of partitipations of each organization in the infrastructure projects. We present our results by activity type and also by member state. This first analysis does not provide a complete and consistent mapping of the stakeholder landscape, but it enables EOSC to identify the best candidates for interviews, which is the next step in our scoping methodology.

2 INTRODUCTION

Objective of this WP is to provide an evidence based scoping document regarding the relevant EOSC stakeholders.

This document constitutes the first draft report of this scoping exercise.

It contains a comprehensive methodological approach, a presentation of the core assumptions behind the choice of different types of stakeholders and the validation approach adopted in order to verify the validity of the empirical data collected in the course of materialisation of the deliverable related to this Work Package.

2.1 Approach and Methodology

2.1.1 An objectives driven approach

An exercise of scoping and mapping of the stakeholders involved in the European Open Science Cloud (EOSC) presupposes an understanding of the broader context and ecosystem of European policies and initiatives in which EOSC is placed. Such an understanding is crucial for establishing a methodology that will both identify the stakeholders that are relevant for the EOSC's governance model and set the foundations for an inquiry on the role that such stakeholders should have in the EOSC governance system.

EOSC is a key part of the broader cloud policy in Europe, that is the European Cloud Initiative (ECI),¹ an initiative that aims at building a competitive data and knowledge economy in Europe. At the heart of this initiative is an understanding of digital science as a core element of the European development policies and the establishment of open science² as a key driver for the data economy in Europe. Following an approach that mirrors the Open Data³ policies in the context of eGovernment⁴ which view data⁵ as the oil of the digital economy, the European Cloud Initiative places the free flow of data, scientific results and knowledge at the heart of the research and innovation process.

Such policies not only reinforce a broader policy design that views research as a crucial developmental element, being one of the three poles of the triple helix of smart specialization,⁶ the other two being the public and the private sector, but goes even further: it places research and scientific capacity, both in terms of infrastructures and human capital as the centre of Europe's industrial policies on the 4th industrial revolution.⁷

¹ Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: European Cloud Initiative – Building a competitive data and knowledge economy in Europe, Brussels, 19.4.2016 COM(2016) 178 final <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52016DC0178&from=EN>

² See e.g. Research and Innovation (2014) Validation of the results of the public consultation on Science 2.0: Science in Transition <https://ec.europa.eu/digital-single-market/news/final-report-science-2-0-public-consultation>

³ Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: Open data An engine for innovation, growth and transparent governance Brussels, 12.12.2011 COM(2011) 882 final <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2011:0882:FIN:EN:PDF>

⁴ Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: EU eGovernment Action Plan 2016-2020 Accelerating the digital transformation of government Brussels, 19.4.2016 COM(2016) 179 final <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52016DC0179&from=EN>

⁵ See also European Commission, DG CONNECT/ Unit G3 - Data Value Chain (2013) Elements of a Data Value Chain http://ec.europa.eu/information_society/newsroom/cf/dae/document.cfm?doc_id=3488

⁶ Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: Regional Policy contributing to smart growth in Europe 2020 Brussels, 6.10.2010 COM(2010) 553 final http://ec.europa.eu/regional_policy/sources/docoffic/official/communic/smart_growth/comm2010_553_en.pdf

⁷ These are included in the Digitising European Industry strategy as expressed in the Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: Digitising

Moreover, it is essential to achieve the right scale of the technologies that are the necessary substratum of the European Digital Market: "The industrial revolution of our time is digital. We need the right scale for technologies such as cloud computing, data-driven science and the internet of things to reach their full potential. As companies aim to scale up across the Single Market, public e-services should also meet today's needs: be digital, open and cross-border by design. The EU is the right scale for the digital times."⁸ Objective of such a pan-european cloud is to give Europe's 1.7 million researchers and 70 million science and technology professionals⁹ a virtual environment to store, manage, analyse and re-use a big amount of research data.

EOSC, should thus be seen not merely as a key component of the European Research Area (ERA) policies¹⁰ that aims at supporting seamless open access to a wide range of digital science services across the European Union for all researchers and scientists, but also as an equally important part of the industrial, commercial and developmental policies of Europe.¹¹ Accordingly, the stakeholders involved in EOSC cannot be isolated from the broader context of the players that are to be affected and will use EOSC. These need to include key commercial players, governments and citizens as well as the research and scientific community that have to continue unhindered and further advance its work, i.e. research. In other words, we should identify stakeholders both from the supply and demand sides of the cloud related services ecosystem. At the same time, we also need to always bear in mind that albeit its impact for commerce, the public sector and the citizen, EOSC has science and the relevant research and e-infrastructures as its starting point and core constituency.

2.1.2 Methodological Directions

Starting point for the task of identifying the relevant stakeholders are the European Research Infrastructures (RIs),¹² a core horizontal part of which are the e-Infrastructures.¹³ E-Infrastructures or Digital

European Industry Reaping the full benefits of a Digital Single Market (COM(2016) 180 final) <http://eur-lex.europa.eu/legal-content/TXT/?uri=CELEX:52016DC0180>

⁸ Andrius Ansip, European Commission Press Release " Delivering on its Strategy to create a Digital Single Market, the Commission today unveiled its plans to help European industry, SMEs, researchers and public authorities make the most of new technologies."

⁹ Supra note 1, pg.6 "The European Open Science Cloud aims to give Europe a global lead in scientific data infrastructures, to ensure that European scientists reap the full benefits of data-driven science. Practically, it will offer 1.7 million European researchers and 70 million professionals in science and technology a virtual environment with free at the point of use, open and seamless services for storage, management, analysis and re-use of research data, across borders and scientific disciplines."

¹⁰ Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: A Reinforced European Research Area Partnership for Excellence and Growth Brussels, 17.7.2012 COM(2012) 392 final http://ec.europa.eu/research/era/pdf/era-communication/era-communication_en.pdf

¹¹ Indicatively, see the EOSC description at the Digital Single Market web page: "The European Commission launched the European Cloud Initiative to capitalise on the data revolution. It will provide European science, industry and public authorities with world-class digital infrastructure that bring state of the art computing and data storage capacity to the fingertips of any scientists and engineer in the European Union." <https://ec.europa.eu/digital-single-market/en/european-open-science-cloud#Article>

¹² "Research infrastructures are facilities, resources and services that are used by the research communities to conduct research and foster innovation in their fields. Where relevant, they may be used beyond research, e.g. for education or public services. They include: major scientific equipment (or sets of instruments); knowledge-based resources such as collections, archives or scientific data; e-infrastructures, such as data and computing systems and communication networks; and any other infrastructure of a unique nature essential to achieve excellence in research and innovation. Such infrastructures may be 'single-sited', 'virtual' or 'distributed'." Horizon 2020 Work Programme 2014-2015 - 4. European Research Infrastructures http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-infrastructures_en.pdf; See also HORIZON 2020 - Work Programme 2016 - 2017 European Research Infrastructures (including e-Infrastructures) http://ec.europa.eu/research/participants/data/ref/h2020/wp/2016_2017/main/h2020-wp1617-infrastructures_en.pdf "The Research Infrastructures Work Programme 2016-2017 will put wide emphasis on fostering the long-term sustainability of research infrastructures (including through the optimisation of assessment and evaluation procedures), on expanding the role and impact of research infrastructures in the innovation chain and on maximising the exploitation of data produced and/or collected by research infrastructures."

¹³ E-Infrastructures are Information and Communication Technologies infrastructures. According to HORIZON 2020 - Work Programme 2016 – 2017 The e-infrastructures call for 2016/2017 will support the European policies on open research data, data and computing intensive science, research and education networking, highperformance computing and big data innovation.

Infrastructures constitute the backbone of the European research and a prerequisite for sustainable innovation and growth. Two of the most important components of the European Cloud Initiative, EOSC and the European Data Infrastructure (EDI),¹⁴ built upon existing e-Infrastructures, operate in conjunction with most European Research Infrastructures and relate to key Digital Single Market initiatives¹⁵.

Hence, we start our investigation by providing an initial analysis with regards to the different players at different layers of the e-infrastructure stack. These layers, as expressed in the EC Communication on the European Cloud Initiative and the European Data Infrastructure, may be simply summarized in:

(a) the data infrastructures which store and manage data (including scholarly communication infrastructures and services); (b) the high-bandwidth networks which transport data; and (c) the ever more powerful computers which can be used to process the data.¹⁶

Each one of the key existing e-infrastructures gathers a series of stakeholders that contribute to the realisation of different –and sometimes multiple- layers of the cloud stack. Some of the stakeholders participating in these e-infrastructures may operate as service/ data providers and some as consumers. More frequently than not, they will play both roles simultaneously for different aspects of their operation.

The European RIs and e-Infrastructures certainly do not exhaust the range of EOSC stakeholders but provide a first cycle of players that are involved in the development, provision and consumption of Open Science related cloud services. Thus, the first stage (Stage 1A) of our investigation focuses on understanding the number and kind of stakeholders participating in European RIs and e-Infrastructures as well as the nature of their participation. For that purpose, we have compiled a data-set of all RIs and e-Infrastructures and have embarked into a study of:

- The kind of institutions participating
 - o Research Institutions
 - o Higher Education Institutions
 - o Funders
 - o Policy Makers
 - o Private Sector
 - o Other
- The number of participants per Member State (MS)
- The different RIs and e-Infrastructures in which each of these institutions participates
- The way in which these institutions participate (i.e. role in the consortium)
- Whether these institutions participate as users or consumers of such services.

¹⁴ “The European Data Infrastructure is one of the three pillars of the European Cloud initiative - Building a competitive data and knowledge economy in Europe. By combining world-class supercomputing capability with high-speed connectivity and leading-edge data and software services for science, industry and the public sector, the European Data Infrastructure will allow fully unlocking the value of big data.” DG CONNECT Glossary <https://ec.europa.eu/digital-single-market/en/glossary#europeandatainfrastructure>. See also *supra* note 1, p. 3 “[The European Cloud Initiative] aims to deploy the underpinning super-computing capacity, the fast connectivity and the high-capacity cloud solutions they need via a European Data Infrastructure.”

¹⁵ “The European Cloud Initiative builds on the achievements of the European Cloud Strategy and the High Performance Computing (HPC) Strategy. It will build on initiatives such as the recently announced Important Project of Common European Interest (IPCEI) on HPC and Big Data enabled applications. It takes forward the policy developed in the Communication on Big Data and supports the European Open Science policy agenda which aims to increase the quality and impact of science, building on the achievements of Open Access.” *Supra* note 1, p.3

¹⁶ “The Cloud can be understood as the combination of three interdependent elements: the data infrastructures which store and manage data; the high-bandwidth networks which transport data; and the ever more powerful computers which can be used to process the data. The ability to analyse and exploit this Big Data is having an impact on the global economy and society, opening up the possibility of major industrial and social innovations. A key part of this impact is the change in the way scientific research is carried out, as we move rapidly towards Open Science.” *Supra* note 1, p.2.

Such an approach is both quantitative and qualitative: It focuses on range (no. of Infrastructures per Member State) and intensity of participation (no. of institutions per Infrastructure/ no. of infrastructure a specific organisation participates to) in order to identify 3-5 top participants per MS.

These participants will be interviewed at a second stage in order to explore more qualitative elements of their participation.

In parallel (Stage 1B), we focus on e-Infrastructures in order to get more detailed information regarding the participation of different institutions there. More specifically, we focus on the following e-Infrastructures:

- EGI
- EUDAT
- GEANT
- PRACE
- OpenAIRE

In these e-infrastructures we explore their positioning in the EOSC, their legal and institutional form, their governance models and analyse the mechanisms of interaction both with their partners and third parties.

A similar approach is adopted for the analysis of mature RIs, as assessed by the latest ESFRI¹⁷ (Stage 1C).

In the second stage of our analysis we return to selected institutions both from the horizontal RIs (Stage 2A) and the more detailed analysis of the e-Infrastructures and mature RIs (Stage 2B) in order to get more qualitative information.

In addition, we interview selected stakeholders, particularly policy makers, open science RIs and funder, as well as other strategic players at the Member State level, which are at the forefront of the open science landscape and could provide us with useful insight with regards to the implementation of the EOSC related policies at the MS level (Stage 2C).

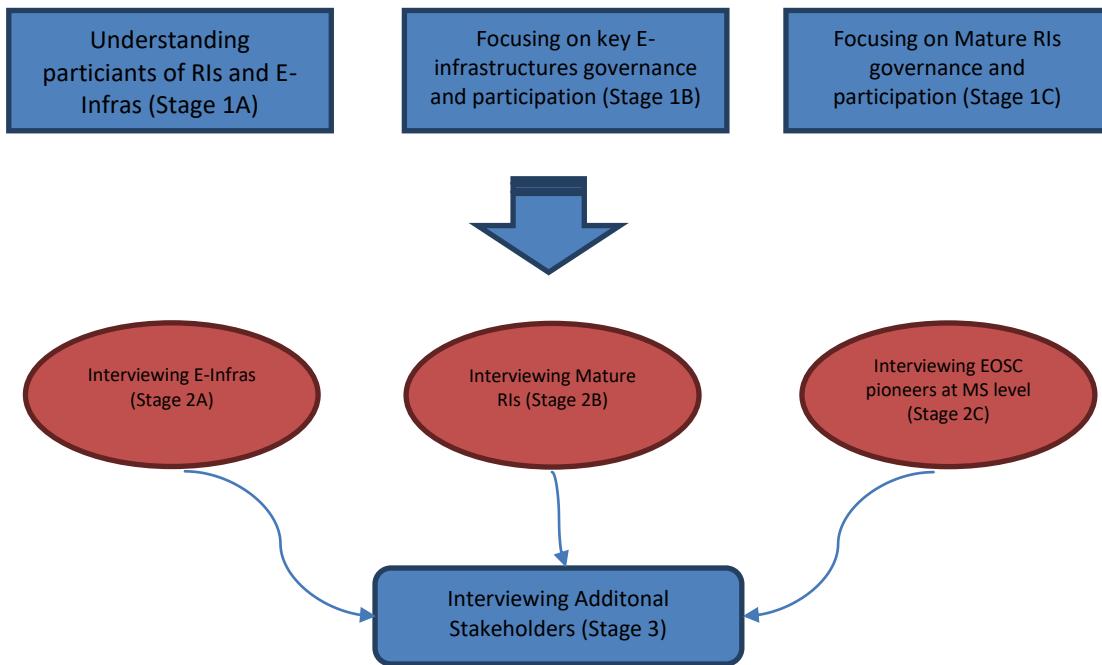
Through detailed semi-structured interviews and focus groups of key stakeholders we identify an additional layer of stakeholders that are not direct participants to the RI and e-Infrastructure programmes. These will be further interviewed at a subsequent stage (Stage 3) in order to identify their role in the EOSC ecosystem and set the foundations for the EOSC governance specifications.

For each of the interviews, we will identify the following elements: (a) participation in main e-Infras, RIs and ERICs, (b) role played in each network (services offered), (c) budget (in terms of grouping in a budget bracket), (d) Discipline(s), and (e) Stakeholder type.

The positioning of such stakeholders within the broader context of the European Research Area, is –in turn– closely related to the Digital Single Market¹⁸ policies in Europe.

¹⁷ See http://ec.europa.eu/research/infrastructures/index_en.cfm?pg=esfri

¹⁸ See https://ec.europa.eu/commission/priorities/digital-single-market_en



The key elements of the adopted methodology may be summarised as follows:

- Understanding the scope and objectives of EOSC: these are derived from formal EC papers and particularly the European Research Policies
- Range of infrastructures and services
- European policy initiatives and projects
- Desk research
- Identification of key stakeholders for focused interviews
- Commercial players and the EU value chain

3 STAKEHOLDER TYPES

EOSC will offer services to the whole research community and every participant or supporting entity of the research community could be considered as a stakeholder. To support an efficient governance scheme we need to categorize them and emphasize on the most influential ones. The governance scheme should be flexible but at the same time inclusive. Engaging already organized communities, organizations and other infrastructures is a suitable starting point in identifying the most important stakeholders of EOSC. We have categorized the most prominent stakeholders into the following groups:

- **European e-Infrastructures:** Existing key European e-Infrastructures (EUDAT, EGI, OpenAIRE, GEANT and PRACE) are the natural starting point for engaging EOSC stakeholders. They represent activities that are closely linked to e-Infrastructures, including cloud operations, and they are already organized in for further integration. OpenAIRE has managed until now to engage EU's THOR project¹⁹ (ORCID²⁰ and DataCite²¹) is currently in progress, with diverse lines of communication opened to discuss overlapping activities.
- **Data/Research Initiatives:** There is a variety of organizations and initiatives, e.g., RDA interest²² and working groups²³, which constitute already organized research communities with specific stakes in cloud services.
- **Cloud providers.** Cloud services providers, public and private, are key stakeholders by definition in EOSCPilot. Engaging major companies, e.g. Amazon, that provide services to a wide range of research activities is important for bringing together the needs of the research communities and the offered services, and to address some Data privacy issues.
- **Research funders.** Funding bodies both on national and EU level are major stakeholder in EOSC, since they support research in all its stages. Despite their different organizational schemes in different countries, EOSC needs to actively engage them to support the future direction of EU cloud infrastructures.
- **Cloud community.** The research community working with cloud technologies and participating in EU cloud projects is a valuable ally in designing the framework for cloud services in EU. Identifying key players in this sector is an important challenge.
- **Research Communities and Institutions.** Researchers, Research communities and Research institutions as main consumers of cloud services are a basic pillar in EOSC, since they define the consumer side of the cloud ecosystem. This is a broad class of consumers and identifying the key contact points and the right organization scheme to engage them is a complex task. Some of them are already organized at European scale, such as the HPC Centre of Excellence (CoEs)²⁴.
- **Research Infrastructures (RIs).** The Research Infrastructure projects of EC complement the existing EU infrastructure landscape, by providing thematic (vertical) infrastructures in contrast with the horizontal e-infrastructure. RIs are the key starting point for engaging communities since they are already organized in an operational structure and use or provide cloud services.
- **Policy makers.** Policy makers affect cloud infrastructures in profound ways, even when they do not act as funders. For example, regulatory bodies on data privacy, on competition and of course on research can shape the future of the cloud ecosystem in the EU. EOSCPilot has to identify the most closely related ones and investigate the more productive way to engage them.

¹⁹ See <https://project-thor.eu/>

²⁰ See <https://orcid.org/>

²¹ See <https://www.datacite.org/>

²² See <https://www.rd-alliance.org/groups/interest-groups>

²³ See <https://www.rd-alliance.org/groups/working-groups>

²⁴ See <https://ec.europa.eu/programmes/horizon2020/en/news/eight-new-centres-excellence-computing-applications>

4 E-INFRASTRUCTURES

In this Section we examine in more detail the main e-Infrastructures, i.e., GEANT, EGI, PRACE, EUDAT, OpenAIRE, as we consider them a basic starting point for examining main stakeholders and governance models for EOSC.

4.1 OpenAIRE

OpenAIRE is an open and sustainable scholarly communication infrastructure responsible for the overall management, analysis, manipulation, provision, monitoring and cross-linking of all research outcomes (publications, related datasets, software and services) across existing, planned and future repositories. It has been supported by 3 EU funded projects (OpenAIRE2020 Project No 643410, OpenAIREplus Project n°: RI-283595 and OpenAIRE Project n°: RI-246686). OpenAIRE involves 50 partners from across the EU and uses its National Open Access Desks (NOADs) as representatives and liaisons in all EU member states and beyond.

The main service of OpenAIRE is to store and disseminate research publications and related material through Open Access policies. A multitude of services assist researchers to share their contributions online. OpenAIRE engages various stakeholders in the Open Access to science, which can roughly be categorized in the following groups: **The Repository Community, Research Funders, Research Data Initiatives and Infrastructures, European e-Infrastructures, Other Data/Research Initiatives, Open Access Initiatives and Organizations and Publishers and Publisher Organizations.**

Services

OpenAIRE offers services that facilitate Open Access to science to four major groups:

- **Researchers.** OpenAIRE helps researchers to share and retrieve publications and data. Authors are aided to find a repository for their data, to link their publications to data or to funding sources, and to search through the published content.
- **Data providers.** Data providers are supported in enhancing the quality of their content by using tools that aggregate and transform data. Moreover, they are aided in monitoring the impact of their content from data usage statistics from OpenAIRE repositories.
- **Research Admins.** Research administrators can be informed for the EC policies on publications and they are aided in implementing them. They can easily get an overview of their organization's content, especially for material related to EC projects and they can monitor their organization's Open Science output.
- **Funders.** Funders are aided in monitoring the results of their policies. OpenAIRE helps them to identify relationships among all research entities: publications, data, funding, researchers, organisations and data sources. Moreover, it allows performing advanced analytics based on topic modeling mechanisms.

Governance

OpenAIRE in its current form operates as a network of respective partners governed by the relevant Consortium Agreement. 50 partners, from all EU countries, and beyond, collaborate to work on this large-scale initiative that aims to promote open scholarship and substantially improve the discoverability and reusability of research publications and data. The initiative brings together professionals from research libraries, open scholarship organisations, national e-Infrastructure and data experts, IT and legal researchers, showcasing the truly collaborative nature of this pan-European endeavor. A network of people, represented by the National Open Access Desks (NOADs), organises activities to collect H2020 project outputs, and support research data management.

Statistics



OpenAIRE provides access to around 20M publications and 45K datasets.

4.2 GEANT

GÉANT is a basic e-infrastructure in Europe, delivering the pan-European GÉANT network. Through its integrated catalogue of connectivity, collaboration and identity services, GÉANT provides users with highly reliable, unconstrained access to computing, analysis, storage, applications and other resources, to ensure that Europe remains at the forefront of research.

GEANT interconnects 38 National Research and Education Network (NREN) partners, and it is the largest and most advanced R&E network in the world. GEANT connects over 50 million users at 10,000 institutions across Europe and supporting all scientific disciplines. The backbone network operates at speeds of up to 500Gbps and reaches over 100 national networks worldwide.

Since its establishment over 20 years ago, the GÉANT network has developed progressively to ensure that European researchers lead international and global collaboration. Over 1000 terabytes of data is transferred via the GÉANT IP backbone every day. More than just an infrastructure for e-science, it stands as a positive example of European integration and collaboration.

GEANT develops and delivers advanced networks and associated e-infrastructure services. It supports open innovation, collaboration and knowledge-sharing amongst its members, partners and the wider research and education networking community.

Country	NREN	Country	NREN
Albania	ANA	Israel	IUCC
Algeria	ARN	Latvia	SigmaNet
Armenia	ASNET-AM	Lithuania	LITNET
Australia	AARNet	Luxembourg	RESTENA
Austria	ACOnet	Macedonia	MARnet
Azerbaijan	AzScienceNet	Moldova	RENAM
Belarus	BASNET	Montenegro	MREN
Belgium	Belnet	Morocco	MARWAN
Bosnia / Herzegovina	SARNET	Netherlands	SURFnet
Brazil	RNP	New Zealand	REANNZ
Bulgaria	BREN	Norway	UNINETT
Canada	CANARIE	Poland	PIONIER
Croatia	CARNet	Portugal	FCCN
Cyprus	CYNET	Romania	RoEduNet
Czech Republic	CESNET	Russian Federation	e-ARENA
Denmark	DeIC	Serbia	AMRES
Ecuador	CEDIA	Slovakia	SANET
Estonia	EENet	Slovenia	ARNES
Finland	Funet	South Africa	SANReN
France	CNRS	Spain	RedIRIS
Georgia	GRENA	Sweden	SUNET
Germany	DFN	Switzerland	SWITCH

Greece	GRNET S.A.	Taiwan PoC	NCHC
Hungary	NIIF/HUNGARNET	Turkey	ULAKBIM
Iceland	RHnet	Ukraine	URAN
Ireland	HEAnet	United Kingdom	Jisc

Services

GEANT offers a multitude of services which can be categorized in the following groups:

- **Connectivity & network management.** Connectivity services support the NRENs in delivering world-class network facilities to the research and education community. These include GEANT IP, GEANT point-to-point services, GEANT Open, GEANT VPN services, GEANT Testbeds Services, eduroam, peftSONAR and eduPERT.
- **Trust, identity & security.** Securing access to services and providing federated identity systems to enable efficient collaboration. These include eduGAIN, eduroam, eduPKI, TCS, Trusted Introducer, TCAR, TRANSITS training and Federation as a Service.
- **Cloud services.** From large scale computing facilities to personalised storage, the cloud offers research and education immense opportunities. These include GEANT Cloud Services, FileSender and ownCloud.
- **Real-time communications.** Enabling communication and collaboration across the community. These include eduCONF, eduOER and NRERNUM.net.
- **Professional services.** With more than 40 partners across Europe and a € multi-million budget, GÉANT has met the challenge of complex international project management. GEANT provides consultancy on network related projects.

Governance

GÉANT interconnects Europe's national research and education networking (NREN) organisations with an award-winning high bandwidth, high speed and highly resilient pan-European backbone – connecting Europe's researchers, academics and students to each other, and linking them to over half the countries in the world.

GÉANT's highest governing body is the General Assembly (GA), in which representatives of member organisations meet at least twice per year.

The GA elects members to the Board of Directors (BoD), which manages and administers the organisation. Day-to-day operations are carried out by the association's staff, based in Amsterdam and Cambridge, under the direction of the CEO and managers.

GEANT is an association under Dutch law, it has national members (one per state) and representative members (represent at least two legal entities of different countries), associate (no voting rights) and possibility of establishing working committees.

Statistics

GEANT services a large number of users in 40 countries. According to the most recent report²⁵:

- In most of the 40 countries, more than 80% of the universities are connected to GEANT.
- 86% of all university-level students are serviced in those 40 countries; that is, a total of 25 million university students.
- GÉANT network reaches in excess of 50 million users involved in research and education in the region.

²⁵ <https://compendium.geant.org/compendium-2015-updated.pdf>

- The typical capacity for universities in GÉANT partner countries is now in the region of 10 Gb/s. All other user-categories have lower capacities, although research institutions are similar at 10 Gb/s.
- The 24 NRENs that have consistently submitted complete data, report a traffic around 1700PB/year for year 2015

4.3 PRACE

PRACE (Partnership for Advanced Computing in Europe) offers a pan-European supercomputing infrastructure, providing access to computing and data management resources and services for large-scale scientific and engineering applications at the highest performance level.

PRACE aims to support all scientific disciplines that need high performance computing to achieve high impact discovery. In this sense it will enhance European competitiveness by offering world class computing and data management resources and services through a centralized peer review process.

The computer systems and their operations accessible through PRACE are provided by PRACE members. Four hosting members (BSC representing Spain, CINECA representing Italy, GCS representing Germany and GENCI representing France) secured funding for the initial period from 2010 to 2016. In 2017, PRACE has engaged in the second period of the Partnership, securing the operations of the infrastructure until 2020, and including a fifth Hosting Member, ETHZ representing Switzerland. During this second phase, PRACE will offer an **initial** performance above 62 Petaflops in 7 complementary leading edge systems, offering a total of 4.000 million core hours per year (75 million node hours). In pace with the needs of the scientific communities and technical developments, systems deployed by PRACE are continuously updated and upgraded to be at the apex of HPC technology. The following table summarises the current systems offered by PRACE:

System Name	Hosting Centre	Launch date	Architecture	Peak Performance
CURIE	GENCI@CEA, France	Q2 2011	Bull x86	2 Petaflops
MARCONI	CINECA, Italy	Q3 2016	Lenovo NeXtScale	13 Petaflops
SuperMUC	GCS@LRZ, Germany	Q2 2012	IBM iDataPlex	6.4 Petaflops
JUQUEEN	GCS@FZJ, Germany	Q4 2012	IBM BlueGene/Q	5.87 Petaflops
MareNostrum	BSC, Spain	Q4 2012	IBM iDataPlex	1 Petaflops
Piz Daint	ETHZ, Switzerland	Q4 2016	Cray XC40/50	15.98 Petaflops
Hazel Hen	GCS@HLRS	Q4 2015	Cray XC40	7.42 Petaflops

The current phase of PRACE is a stepping stone towards a persistent and sustainable PRACE Research Infrastructure. Reducing the life-time cost of systems and their operations, in particular the energy consumption of systems and the environmental impact is one of the goals of PRACE. PRACE undertakes similar software and hardware technology initiatives with the goal of preparing for changes in technologies used in the Research Infrastructure and provide the proper tools, education and training for the user

communities to adapt to those changes. PRACE has further initiated the formation of STRATOS (STRAtegic TechnOlogieS), an organization for collaboration with industry and other non-PRACE partner organizations. The PRACE leadership systems form the apex of resources for large-scale computing and data management for scientific discovery, engineering research and development for the benefit of Europe and are well integrated into the European HPC ecosystem.

The PRACE project partners receive EC funding under the PRACE Preparatory and Implementation Phase Projects (PRACE-PP, 2008-2010, RI-211528, PRACE-1IP, 2010-2012, RI-261557, PRACE-2IP, 2011-2013, RI-283493, PRACE-3IP, 2012-2017, RI-312763, PRACE-4IP, 2015-2017, 653838, PRACE-5IP, 2017-2019, 730913) for a total of €97 million complemented by the consortium budget of over €60 million.

Governance

PRACE is established as an international not-for-profit association (aisbl) with its seat in Brussels. It has 24 member countries whose representative organisations create a pan-European supercomputing infrastructure, providing access to computing and data management resources and services for large-scale scientific and engineering applications at the highest performance level. Working rules for all the following entities can be found in the PRACE web site (<http://www.prace-ri.eu/>).

The **Council** is the deliberative body of the Association and decides on all matters of the Association. It is composed of one representative from each Member. Depending on the nature of the decisions to be taken, different voting rules apply. As a general rule, decisions of a purely scientific nature are subject to majority vote, while decisions related to provisioning and usage of funding and resources require a qualified majority based on partner contributions. All other decisions require a double majority of members and contributions, apart from a small number of issues that imply changes of the contract of the Association which require unanimity. The Statutes of PRACE aisbl can be found on the PRACE web site (<http://www.prace-ri.eu/statutes>)

Board of the Council is elected by the Council from among the delegates representing the Members. It consists of a Chairman, a Vice-Chairman and a Secretary. The current members of the Board of the Council are: Anwar Osseyran (Chair), Sergi Girona (Vice- Chair) and Serge Bogaerts (Secretary).

The **Scientific Steering Committee (SSC)** is composed of European leading researchers that are responsible for advice and guidance on all matters of a scientific and technical nature which may influence the scientific work carried out by the use of the Association's resources. The SSC has an odd number of members up to a maximum of twenty one, of which one is appointed Chairman. The members of the Scientific Steering Committee are appointed by the PRACE Council. SSC Members serve a two year term renewable twice consecutively.

The **Access Committee (AC)** gives advice to the Board of Directors concerning the allocation of resources of the RI. The AC, proposed by the SSC, is composed of researchers experienced in areas of science, engineering and supercomputing. The AC is appointed by the Council and shall comprise an odd number of members with a minimum of five, from among which a Chairman and a Vice-Chairman is appointed. AC members serve a two year term renewable once..

The **Industrial Advisory Committee (IAC)** is composed of European industry representatives (both from multi-nationals and SMEs) representing 11 industrial sectors: Aeronautics/Aerospace, Automotive/Transport, Energy, Engineering/Manufacturing, Oil & Gas, Renewable Energy, Telecommunications/Electronics, ISV, HPC Vendors, Life Sciences, and Finances. They provide PRACE with advice on HPC usage for the benefit of European competitiveness and economic growth. The IAC reserves an observer seat for the Chair of ETP4HPC. A Chair and Vice-Chair are chosen by the committee, who, like all members, are appointed for 2 years renewable once.

The **Board of Directors (BoD)** is the executive body of the Association and is generally responsible for managing and representing the Association. The BoD is composed of a minimum of two members elected

by the Council. Each Director will serve for an initial term of three years, renewable for subsequent periods of two years.

The PRACE RI has two forms of members:

Members – a government organization or legal entity representing a government. The PRACE RI accepts only one member per Member State of the European Union or of an associated country as described in article 217 of the European Union Treaty. Further, to be eligible as a PRACE RI member the legal entity must be responsible for the provisioning of HPC resources and associated services.

Hosting Members are members with the capacity to operate a Tier-0 HPC system and the commitment to contribute a fraction of its computing and data management resources to PRACE RI. There are five Hosting Members: France, Germany, Italy, Spain and Switzerland.

All partners contribute in cash or in-kind to the management of the RI and the delivery of services.

The PRACE Managing Director is responsible for the development of the strategy and vision for PRACE and the implementation of those as decided by the Council. The Managing Director is responsible for the delivery of PRACE services across Europe and management of the PRACE organisation.

The PRACE Peer Review process is one of the most important functions of PRACE. It is governed by the Managing Director and managed by the PRACE RI staff. Applications for Project Access are subject to both technical feasibility evaluation and scientific peer review. The scientific peer review only assesses the scientific merit and expected European and International impact, and ranks applications accordingly. The AC proposes to the Managing Director an allocation of PRACE resources based on the outcome of the technical and scientific peer review. Applications for Preparatory Access only undergo a technical feasibility assessment. Project Access Calls for Proposals are issued twice a year. Preparatory Access can be requested at any time.

For delivery of computing and data management resources as well as many services the PRACE RI depends on hosting members as well as non-hosting members that have the necessary facilities, operations and maintenance staff and HPC expertise. Some of these activities are organized into EU Commission funded projects.

PRACE User Forum is not a body of the Association. It was set up in December 2011 through an initiative of PRACE itself. It is an independent entity where PRACE users can discuss their experiences and express their future needs as well as feedback on the current services and resources of the PRACE HPC Research Infrastructure. The aim is to provide an effective mechanism through which the Tier-0 user community can give feedback to PRACE.

The PRACE User Forum takes the outcomes of these discussions to PRACE on behalf of the User Community. The Forum has visibility in different social networks, such as [LinkedIn](#) and Twitter ([@PRACEuserforum](#)) on which all PRACE users are very welcome to start discussions and express their opinions.

Besides this online activity, the PRACE User Forum also organises one open session per year where users can voice their concerns, suggestions and issues in the presence of PRACE representatives.

Services

PRACE offers high performance computing resources to scientists and researchers from academia and industry from around the world through 2 forms of access:

- Preparatory Access is intended for short-term access to resources, for code-enabling and porting, required to prepare proposals for Project Access and to demonstrate the scalability of codes. Applications for Preparatory Access are accepted at any time. Applications for Preparatory Access undergo technical review only.
- Project Access is intended for individual researchers and research groups including multi-national research groups and can be used for 1-year as well as for 2-year or 3-year (Multi-Year Access)

production runs. Project Access is subject to the PRACE Peer Review Process, which includes technical and scientific review. Technical experts and leading scientists evaluate the proposals submitted in response to the bi-annual calls. Some calls are opened in collaboration with EUDAT to provide both computing and storage services at the same time.

PRACE is also offering training services to users, through PRACE Advanced Training Centre (PATC), PRACE Trainning Center (PTC), PRACE seasonal school and through online training material, including MOOCs. Some join training are provided by PRACE and EUDAT.

PRACE is also using some services of GÉANT network e-infrastructure to provide access to its Tier-0 systems to European users.

Statistics

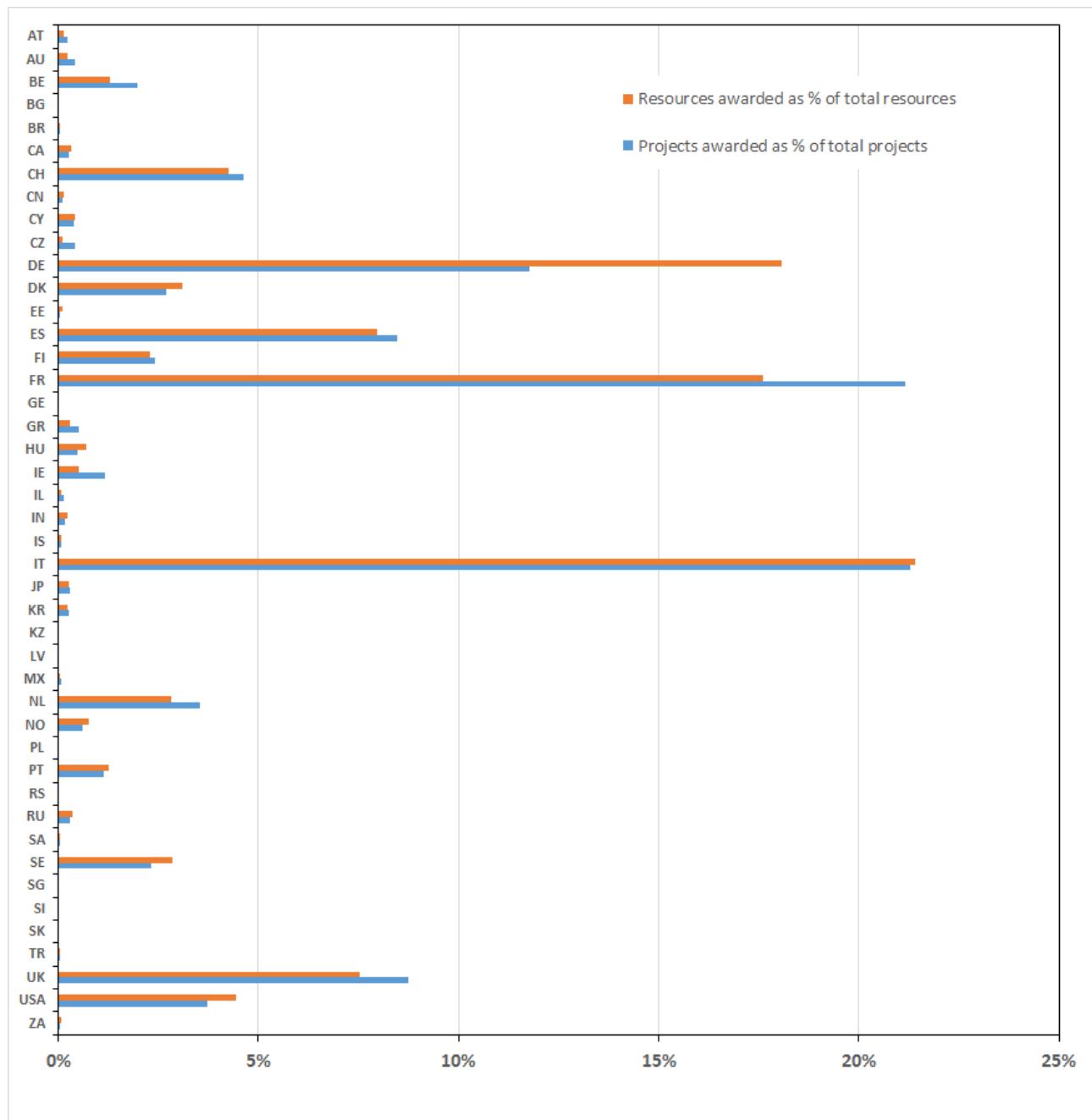


Figure 1 - PRACE usage per country – October 2016 (Source : <http://www.prace-ri.eu/statistics/>)

4.4 European Grid Infrastructure (EGI)

EGI is a federated e-Infrastructure set up to provide advanced computing services for research and innovation using grid computing techniques. The EGI e-infrastructure is publicly-funded and comprises over 300 data centres and cloud providers spread across Europe and worldwide. EGI offers a wide range of services for compute, storage, data and support. EGI has been funded by a series of EC research projects such as DataGrid and **Enabling Grids for E-sciencE**.

EGI creates and delivers open solutions for science and research infrastructures by federating digital capabilities, resources and expertise between communities and across national boundaries. Researchers from all disciplines have easy, integrated and open access to the advanced scientific computing capabilities, resources and expertise needed to collaborate and to carry out data/compute intensive science and innovation.

Services

EGI delivers advanced computing services to support scientists, multinational projects and research infrastructures. The EGI Services are provided by EGI's federated cloud providers and data centres. The services can be requested by everyone involved in academic research and businesses and they can be categorized in the following groups:

■ Computing.

- **Cloud computing**, i.e., virtual machines on demand with complete control over computing resources.
- **Cloud Container Compute BETA**. Cloud Container Compute (in Beta phase) gives you the ability to deploy and scale Docker containers on-demand. It offers guaranteed computational resources in a secure and isolated environment with standard API access, without the overhead of managing the operating system. The result is improved performance, ideal for development work.
- **High-Throughput Compute**. Ability to execute thousands of computational tasks to analyse large datasets.

■ Storage and Data.

- **Online Storage**. EGI offers the ability to store, share and access your files and their metadata on a global scale.
- **Archive Storage**. The ability to back-up data for the long term and future use in a secure environment.
- **Data Transfer**. The ability to transfer large sets of data from one place to another.

■ Training.

- **FitSM training**. EGI offers training on how to manage IT services with a pragmatic and lightweight standard.
- **Training infrastructure**. Dedicated computing and storage for training and education.

Governance

The **EGI Foundation** (also known as **EGI.eu**) coordinates the EGI infrastructure on behalf of the participants of the EGI Council: national e-infrastructures and European Intergovernmental Research Organisations (EIROs).

The EGI Foundation is not-for-profit and was established in Amsterdam in 2010 under Dutch law. The foundation is lead by Yannick Legré (Managing Director) and is governed by the EGI Council. Day-to-day operations are supervised by the Executive Board.

The EGI Council is responsible for defining the strategic direction of the EGI federation. The Council acts as the senior decision-making and supervisory authority of the [EGI Foundation](#), with a mandate to define the strategic direction of the entire EGI ecosystem.

The Council participants are organisations representing national e-infrastructures and two European

Intergovernmental Research Organisations.

The EGI Council welcomes applications from like-minded organisations to become part of the EGI vision for a stronger research and innovation sector in Europe.

The EGI internal services are provided for the benefit of the [EGI Council](#) members and affiliated organisations.

The internal services complement the [EGI Services](#) for academia and business with tools designed to facilitate coordination and improve how the EGI Federation works together.

Statistics

EGI provides access to over 700,000 logical CPUs and 500 PB of disk and tape storage. More about the federation.

4.5 EUDAT

EUDAT is a collaborative Data Infrastructure (CDI), a common model and service infrastructure for managing data spanning all European research data centres and community data repositories. Its aim is to support sharing and preserving data across borders and disciplines.

European researchers and practitioners from any research discipline can preserve, find, access, and process data in a trusted environment, as part of the EUDAT Collaborative Data Infrastructure a network of collaborating, cooperating centres, combining the richness of numerous generic and community-specific data repositories with the permanence and persistence of some of Europe's largest scientific data centres.

EUDAT offers heterogeneous research data management services and storage resources, supporting multiple research communities as well as individuals, through a geographically distributed, resilient network distributed across 15 European nations and data is stored alongside some of Europe's most powerful supercomputers. EUDAT is a Service-oriented, Community driven, Sustainable and Integrated initiative.

One of EUDAT's main ambitions is to bridge the gap between research infrastructures and e-Infrastructures through an active engagement strategy, using the communities that are in the consortium as EUDAT beacons and integrating others through innovative partnerships.

Services

EUDAT offers common data services, supporting multiple research communities as well as individuals, through a geographically distributed, resilient network of 36 European organisations. Its main services are the following:

- **B2DROP** is a secure and trusted data exchange service for researchers and scientists to keep their research data synchronized and up-to-date and to exchange with others.
- **B2SHARE** is a user-friendly, reliable and trustworthy way for researchers, scientific communities and scientists to store and share small-scale research data from diverse contexts.
- **B2SAFE** is a robust, safe and highly available service which allows community and departmental repositories to implement data management policies on research data across multiple administrative domains in a trustworthy manner.
- **B2STAGE** is a reliable, efficient, light-weight and easy-to-use service to transfer research data sets between EUDAT storage resources and high-performance computing (HPC) workspaces
- **B2FIND** is a simple, user-friendly metadata catalogue of research data collections stored in EUDAT data centres and other repositories.
- **B2HANDLE** provides an abstraction layer between a globally unique persistent identifier and a physical location of a data object allowing researchers to reliably cite and refer in the long term.

- **B2ACCESS** is an easy-to-use and secure authentication and authorization platform which can be integrated with any service and supports different methods of authentication.

Governance

- EUDAT has a dual governance structure. As an EU funded project, it operated through the respective bodies found in most EU projects, i.e. as defined by its Consortium Agreement. As an e-Infrastructure that provides a set of common data services EUDAT operates on the basis of the EUDAT Collaborative Data Infrastructure.
- Generic and thematic service providers may join the EUDAT Collaborative data Infrastructure (CDI) network by signing a specific collaboration agreement.
- An EUDAT service provider and node can provide EUDAT CDI services to its (generic or thematic) user community of researchers. A service provider, can join the EUDAT CDI either as an interoperable or an integrated node.

5 PARTICIPATION OF MEMBER STATE (MS) ORGANIZATIONS IN INFRASTRUCTURE PROJECTS

In this Section we explore the participation of MS organizations in previous infrastructure projects. We consider both e-Infrastructures and RIs. A complete list of the projects we take into account appears in Annex A, together with every participating organization. The aim of the Section is to identify the most influential ones and further examine them in the next step of the scoping and mapping procedure. The data come from the CORDIS Portal (http://cordis.europa.eu/home_en.html), and the initial relevant project's list from the European Union Open Data Portal (<https://data.europa.eu/euodp/data/dataset/cordisref-data>). The classification of organization is done according to the self descriptions of activity types they provided in CORDIS.

The organizations with more than 10 participations appear in the following table.

Organization with more than 10 participations in EU Infrastructure projects		
Organization Name	No of Participation in EU Infrastructure	Activity type
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	61	Research Organisations
CONSIGLIO NAZIONALE DELLE RICERCHE	44	Research Organisations
COMMISSIONER AL ATOMIC ENERGY AND ALTERNATIVE ENERGY	37	Research Organisations
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL	31	Research Organisations
AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	30	Research Organisations
MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN EV	25	Research Organisations
FORSCHUNGSZENTRUM JULICH GMBH	23	Other
EUROPEAN MOLECULAR BIOLOGY LABORATORY	23	Research Organisations
ISTITUTO NAZIONALE DI FISICA NUCLEARE	20	Research Organisations
EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH	19	Research Organisations
BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION	19	Research Organisations
NATURAL ENVIRONMENT RESEARCH COUNCIL	17	Research Organisations
LUND'S UNIVERSITET	16	Higher or Secondary Education Establishments
GREEK RESEARCH AND TECHNOLOGY NETWORK S.A.	16	Private for-profit entities (excluding Higher or Secondary Education Establishments)
UNIVERSITEIT VAN AMSTERDAM	14	Higher or Secondary Education Establishments
THE UNIVERSITY OF EDINBURGH	14	Higher or Secondary Education Establishments
CSC-TIETEEN TIETOTEKNIIKAN KESKUS OY	14	Other
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE	13	Research Organisations

INSTYTUT CHEMII BIOORGANICZNEJ PAN	13	Research Organisations
EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH	12	Higher or Secondary Education Establishments
HELSINGIN YLIOPISTO	12	Higher or Secondary Education Establishments
STIFTUNG DEUTSCHES ELEKTRONEN-SYNCHROTRON DESY	12	Research Organisations
THE UNIVERSITY OF MANCHESTER	12	Higher or Secondary Education Establishments
UPPSALA UNIVERSITET	11	Higher or Secondary Education Establishments
STICHTING EGI	11	Other
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD	11	Higher or Secondary Education Establishments
KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN - KNAW	11	Research Organisations
KOBENHAVNS UNIVERSITET	10	Higher or Secondary Education Establishments
DANMARKS TEKNISKE UNIVERSITET	10	Higher or Secondary Education Establishments
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	10	Research Organisations

The participation of organizations in infrastructure projects by country is distributed as follows:

Participations in H2020 Infrastructure projects by country	
Country	No of Participations
Germany	332
United Kingdom	297
France	272
Italy	239
Netherlands	195
Spain	187
Greece	102
Sweden	83
Switzerland	81
Belgium	70
Finland	67
Norway	62
Poland	59
Czech Republic	54
Portugal	54
Austria	49
Hungary	46
Ireland	40
Denmark	37
Romania	31
Bulgaria	22
Slovenia	20

Israel	19
Russia	16
Slovakia	16
Serbia	14
Turkey	13
Estonia	12
Croatia	12
South Africa	10
Cyprus	9
Lithuania	9
Latvia	7
United States	7
Australia	6
Iceland	6
Bosnia and Herzegovina	6
Moldova	6
Former Yugoslav Republic of Macedonia	4
Malta	4
Montenegro	4
Armenia	4
Albania	3
Uruguay	3
Georgia	3
Ghana	3
Kenya	2
Canada	2
Belarus	2
Chile	2
Ukraine	2
India	2
Uganda	2
Jordan	2
Luxembourg	2
Germanny	2
Mexico	1
Tunisia	1
Tanzania	1
Taiwan	1
South Korea	1
Brazil	1
Philippines	1
Nigeria	1
New Zealand	1
Japan	1
Colombia	1
Malaysia	1
Magadascar	1
Ecuador	1
Egypt	1
Kyrgyzstan	1

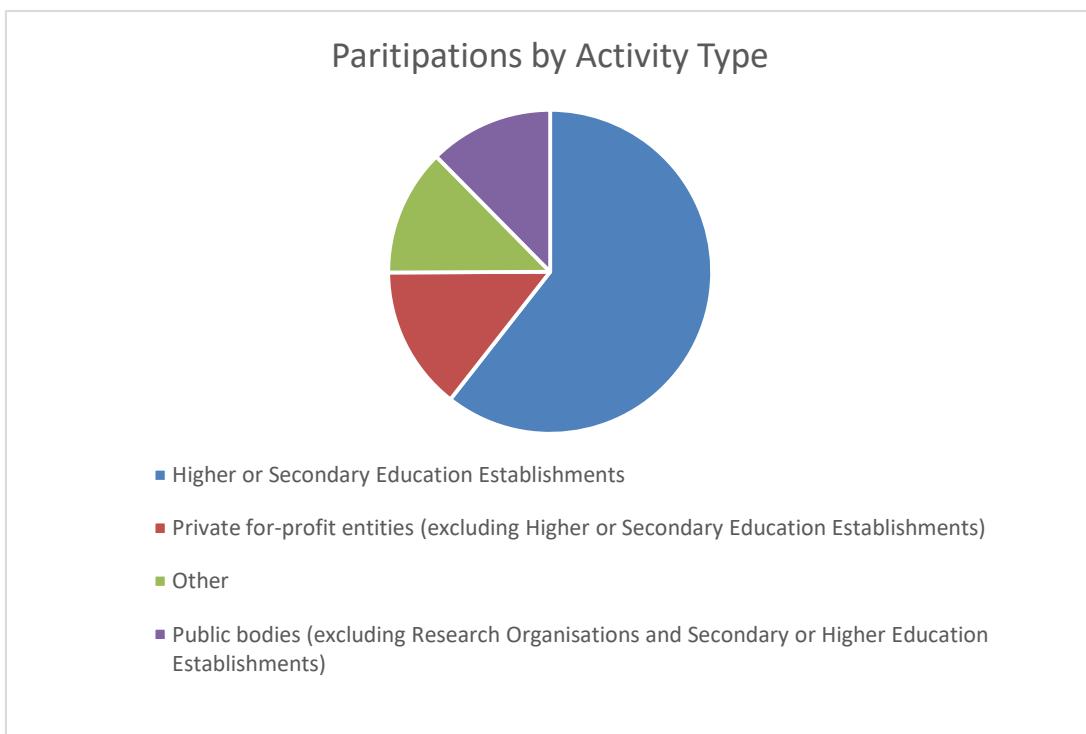
Indonesia	1
Grenada	1
China	1

The number of distinct participants per country are depicted in the following table:

Participants by Country	
Country	No of Participants
Germany	125
United Kingdom	103
France	98
Italy	92
Spain	84
Netherlands	70
Belgium	41
Greece	36
Poland	34
Norway	33
Hungary	32
Portugal	29
Czech Republic	27
Switzerland	26
Sweden	25
Austria	23
Finland	21
Ireland	21
Romania	20
Russia	14
Bulgaria	14
Denmark	14
Slovakia	13
Slovenia	10
Serbia	9
Turkey	8
Israel	8
Croatia	7
South Africa	7
United States	7
Bosnia and Herzegovina	5
Estonia	5
Cyprus	5
Iceland	4
Moldova	4
Latvia	4
Former Yugoslav Republic of Macedonia	3
Lithuania	3
Australia	3
India	2
Ukraine	2

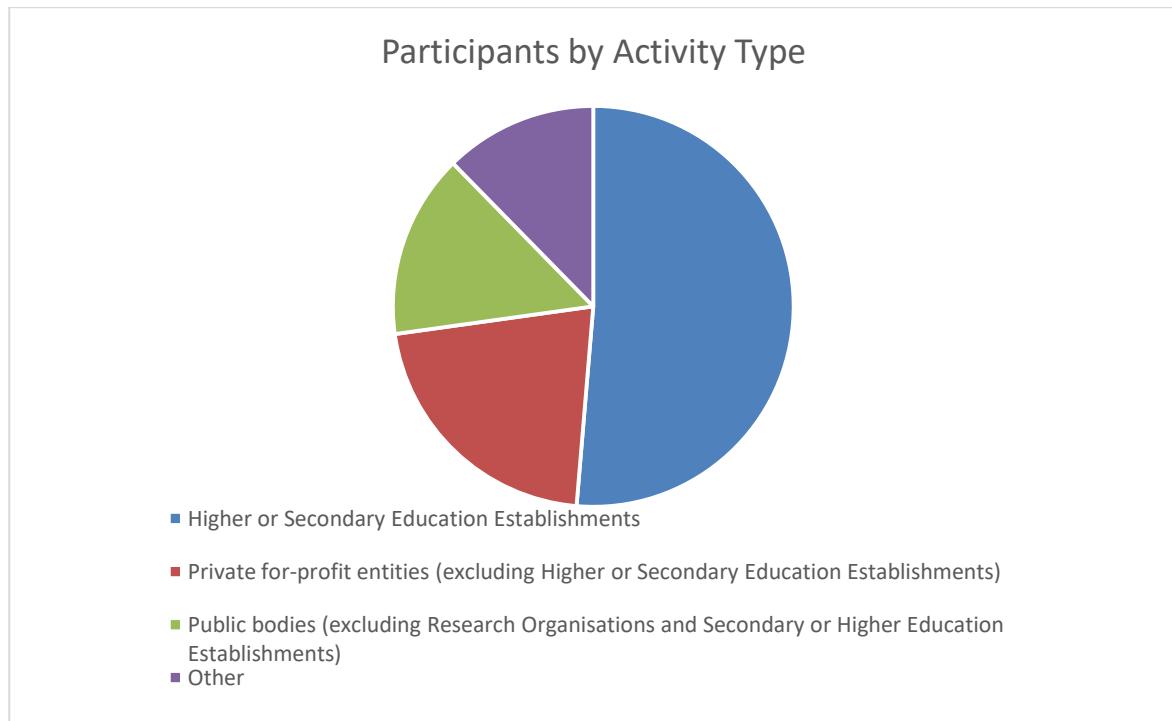
Uganda	2
Armenia	2
Belarus	2
Montenegro	2
Kenya	2
Chile	2
Albania	2
Luxembourg	2
Canada	1
Ecuador	1
China	1
Egypt	1
Colombia	1
Brazil	1
Malaysia	1
Tunisia	1
Tanzania	1
Taiwan	1
South Korea	1
Philippines	1
Nigeria	1
New Zealand	1
Japan	1
Malta	1
Georgia	1
Magadascar	1
Kyrgyzstan	1
Uruguay	1
Jordan	1
Indonesia	1
Grenada	1
Ghana	1
Germany	1
Mexico	1

Participation in infrastructure projects shows a stakeholder landscape biased towards universities and research centers. The following graph and table shows *the participations* by activity type in the projects.



Participations by Activity type	
Activity type	No of Participations
Research Organisations	1158
Higher or Secondary Education Establishments	894
Private for-profit entities (excluding Higher or Secondary Education Establishments)	212
Other	187
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)	183

To get a better picture of the organizations that participate in the infrastructure projects we present *participants* by Activity type in the following graph and table.



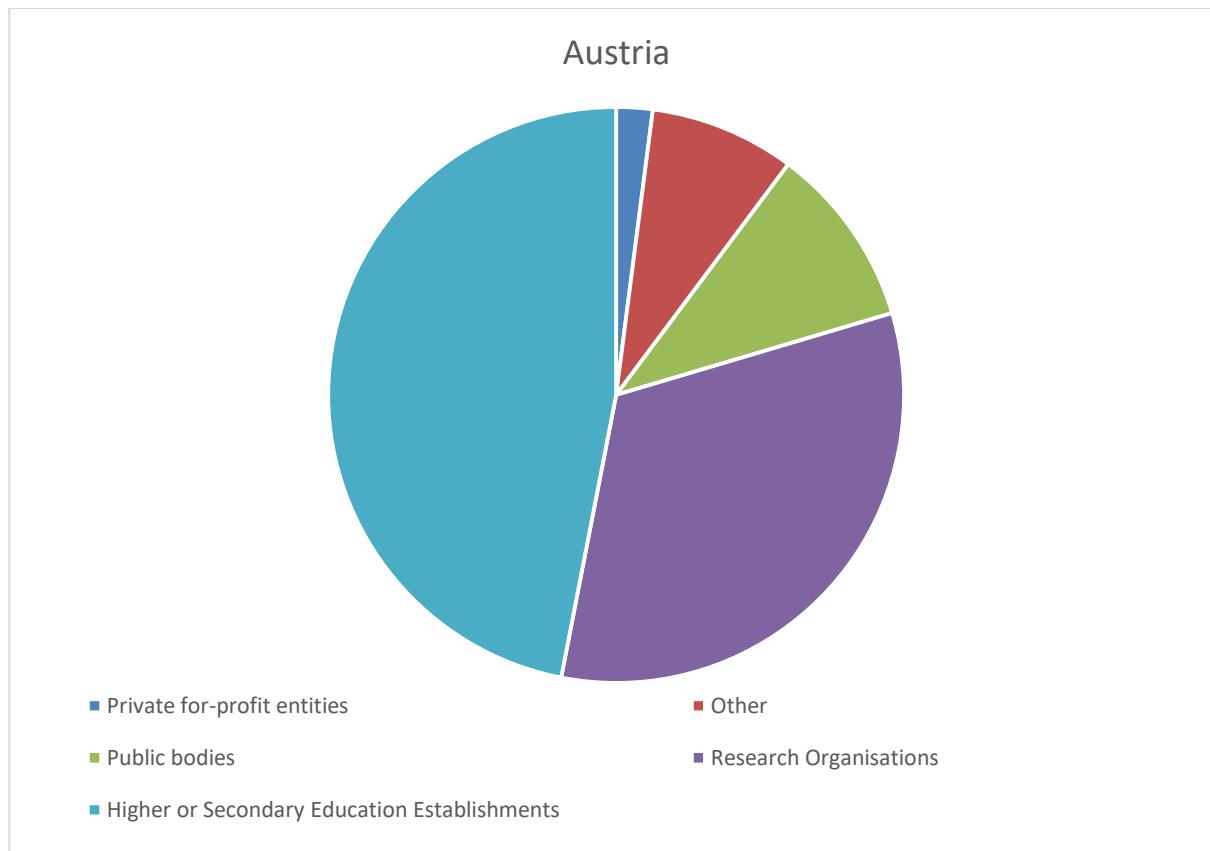
Participants by Type	
Activity type	No of Participants
Research Organisations	420
Higher or Secondary Education Establishments	366
Private for-profit entities (excluding Higher or Secondary Education Establishments)	153
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)	106
Other	88

5.1 Analysis by country

In the following sections we analyze the participations of organizations according to their country of origin. It is important to have a picture of the most influential organizations in each member state, since important infrastructures and consumers operate at a national level. Apart from information about EU member states we also present data for Switzerland, due to its expensive participation in infrastructure projects.

5.1.1 Austria

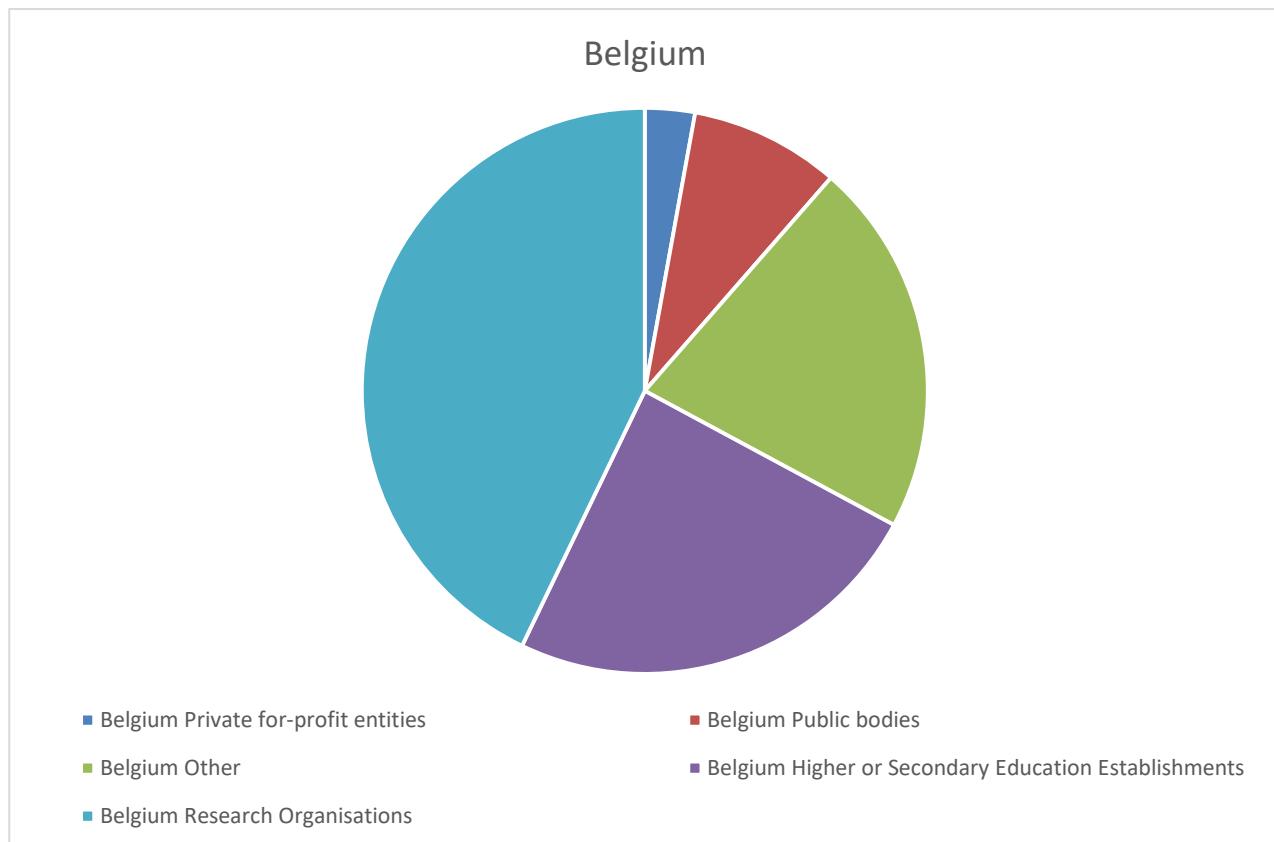
Participants with more than 5 participations		
Organization name	No of Participations	Activity type
BIOBANKS AND BIOMOLECULAR RESOURCES RESEARCH INFRASTRUCTURE CONSORTIUM (BBMRI-ERIC)	7	Research Organisations
OESTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN	5	Research Organisations
MEDIZINISCHE UNIVERSITAT GRAZ	4	Higher or Secondary Education Establishments
UNIVERSITAT LINZ	4	Higher or Secondary Education Establishments
UNIVERSITAT WIEN	4	Higher or Secondary Education Establishments
UMWELTBUNDESAMT GMBH	4	Other
BUNDESMINISTERIUM FÜR WISSENSCHAFT, FORSCHUNG UND WIRTSCHAFT	3	Public bodies
MEDIZINISCHE UNIVERSITAET WIEN	3	Higher or Secondary Education Establishments
TECHNISCHE UNIVERSITAET WIEN	2	Higher or Secondary Education Establishments



5.1.2 Belgium

Participants with more than 5 participations		
Organization name	No of Participations	Activity type
UNIVERSITEIT GENT	6	Higher or Secondary Education Establishments
JRC -JOINT RESEARCH CENTRE-EUROPEAN COMMISSION	5	Research Organisations
VLAAMSE INSTITUUT VOOR DE ZEE VZW	4	Research Organisations
PARTNERSHIP FOR ADVANCED COMPUTINGIN EUROPE AISBL	4	Other
FONDS VOOR WETENSCHAPPELIJK ONDERZOEK-VLAANDEREN	3	Research Organisations
SERVICE PUBLIC FEDERAL DE PROGRAMMATION POLITIQUE SCIENTIFIQUE	3	Public bodies
ASSOCIATION INTERNATIONALE EXTREME-LIGHT-INFRASTRUCTURE DELIVERY CONSORTIUM	3	Other
UNIVERSITE CATHOLIQUE DE LOUVAIN	2	Higher or Secondary Education Establishments
INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM	2	Research Organisations
INSTITUT ROYAL DES SCIENCES	2	Research Organisations

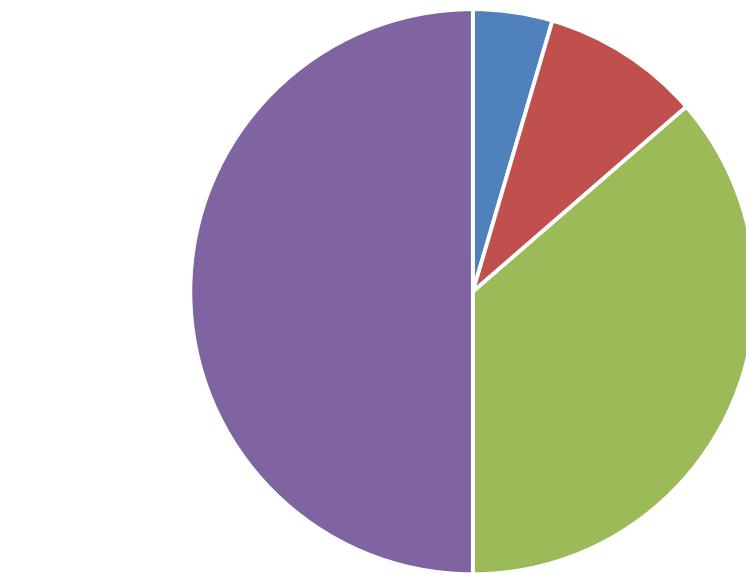
NATURELLES DE BELGIQUE		
FONDS NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2	Research Organisations
UNIVERSITE DE LIEGE	2	Higher or Secondary Education Establishments
EUROGOOS AISBL	2	Other
UNIVERSITEIT ANTWERPEN	2	Higher or Secondary Education Establishments
UNIVERSITE LIBRE DE BRUXELLES	2	Higher or Secondary Education Establishments



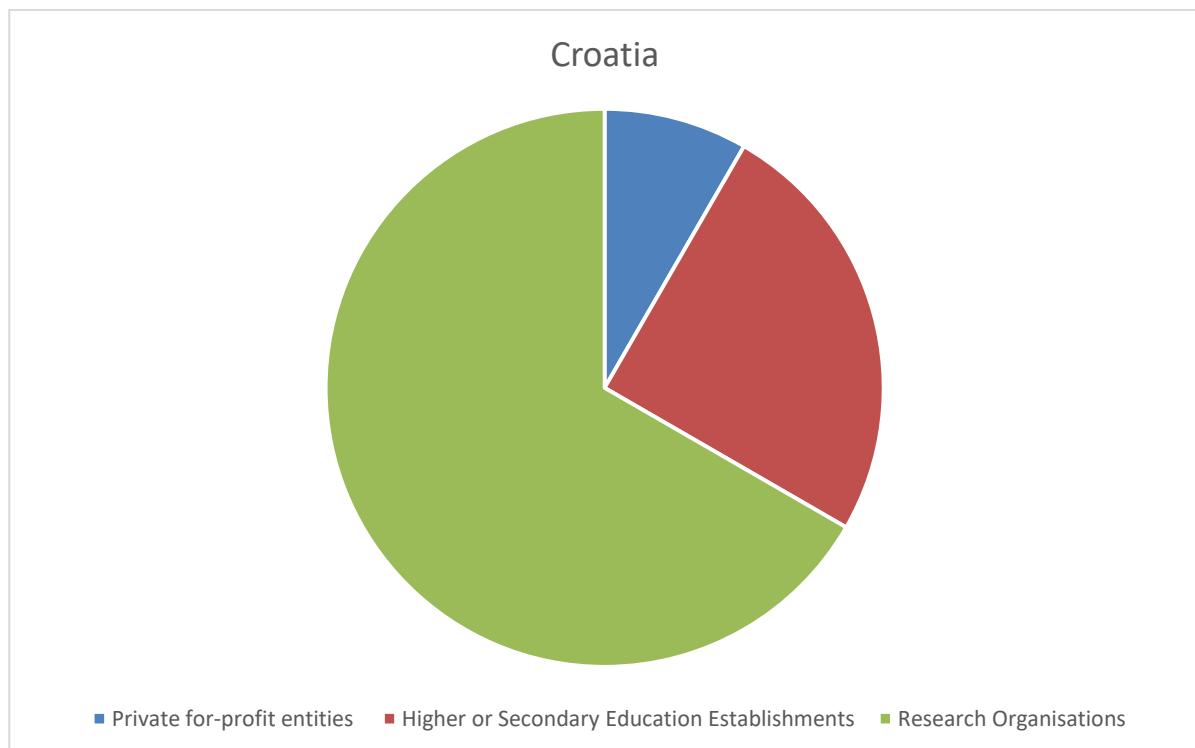
5.1.3 Bulgaria

Organization name	No of Participations	Activity type
INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	4	Higher or Secondary Education Establishments
INSTITUTE OF NUCLEAR RESEARCH AND NUCLEAR ENERGY - BULGARIAN ACADEMY OF SCIENCES	3	Research Organisations
INSTITUTE OF MATHEMATICS AND INFORMATICS AT THE BULGARIAN ACADEMY OF SCIENCE	2	Research Organisations
SOFIISKI UNIVERSITET SVETI KLIMENT OHRIDSKI	2	Higher or Secondary Education Establishments
ASSOCIATION "NATIONAL CENTRE FOR SUPERCOMPUTING APPLICATIONS"	2	Research Organisations

Bulgaria

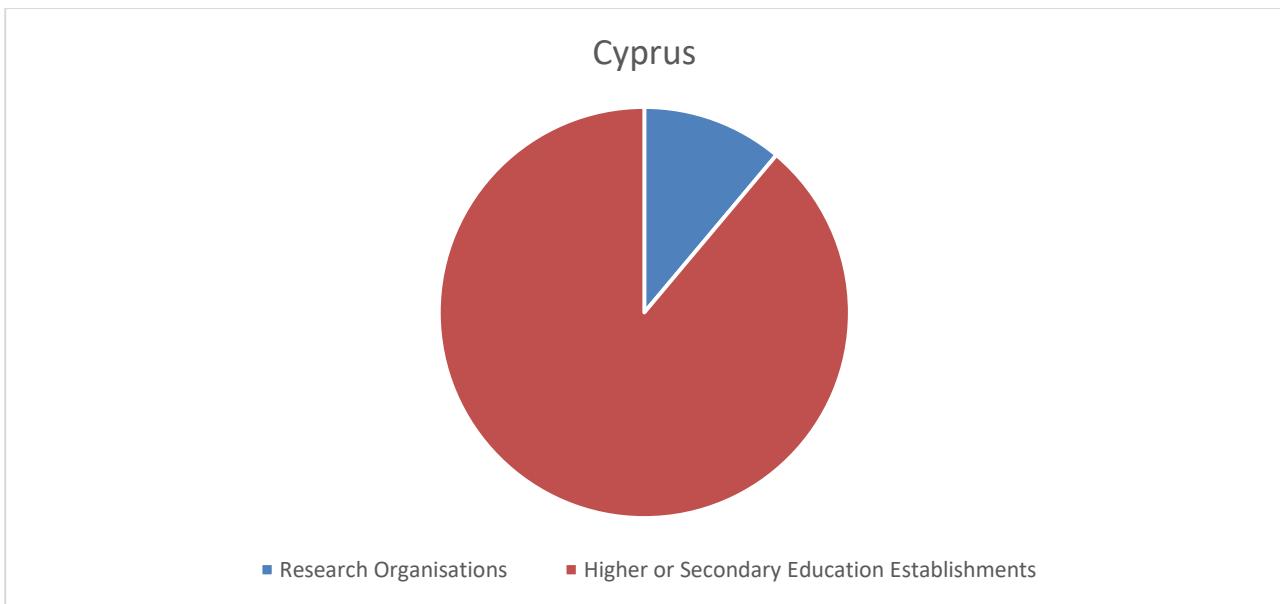


5.1.4 Croatia



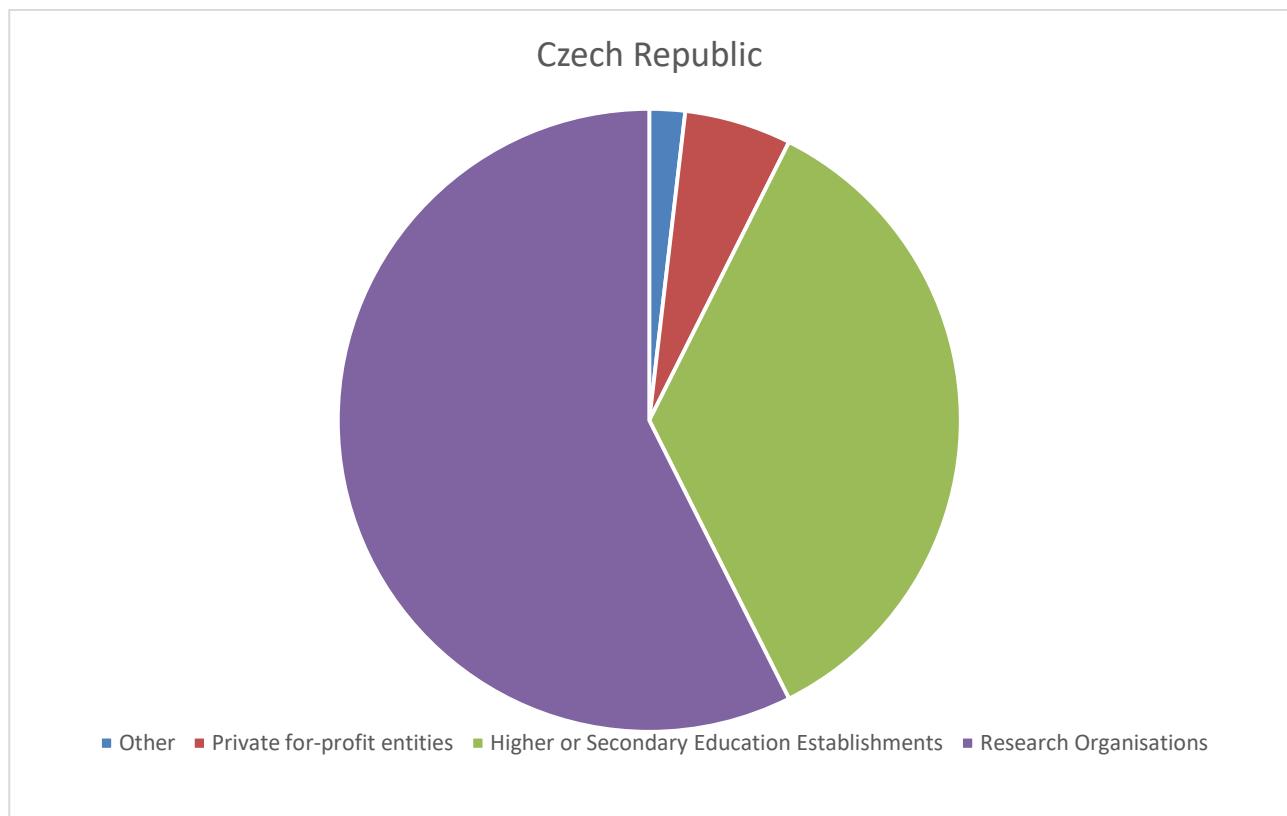
All participants		
Organization name	No of Participations	Activity type
RUDER BOSKOVIC INSTITUTE	6	Research Organisations
SVEUCILISTE U ZAGREBU SVEUCILISNI RACUNSKI CENTAR	1	Research Organisations
YOTTA ADVANCED COMPUTING DOO ZA ISTRAZIVANJE I USLUGE	1	Private for-profit entities
HRVATSKA AKADEMSKA I ISTRAZIVACKA MREZA CARNET	1	Research Organisations
FACULTY OF SCIENCE UNIVERSITY OF ZAGREB	1	Higher or Secondary Education Establishments
Sveuciliste u Zagreb, GRAFICKI FAKULTET	1	Higher or Secondary Education Establishments
SVEUCILISTE U ZAGREBU FILOZOFSKI FAKULTET	1	Higher or Secondary Education Establishments

5.1.5 Cyprus

**All participants**

Organization name	No of Participations	Activity type
THE CYPRUS INSTITUTE	6	Higher or Secondary Education Establishments
UNIVERSITY OF CYPRUS	1	Higher or Secondary Education Establishments
European University Cyprus	1	Higher or Secondary Education Establishments
KYPRIAKO EREVNITIKO KAI AKADIMAIKO DIKTYO	1	Research Organisations

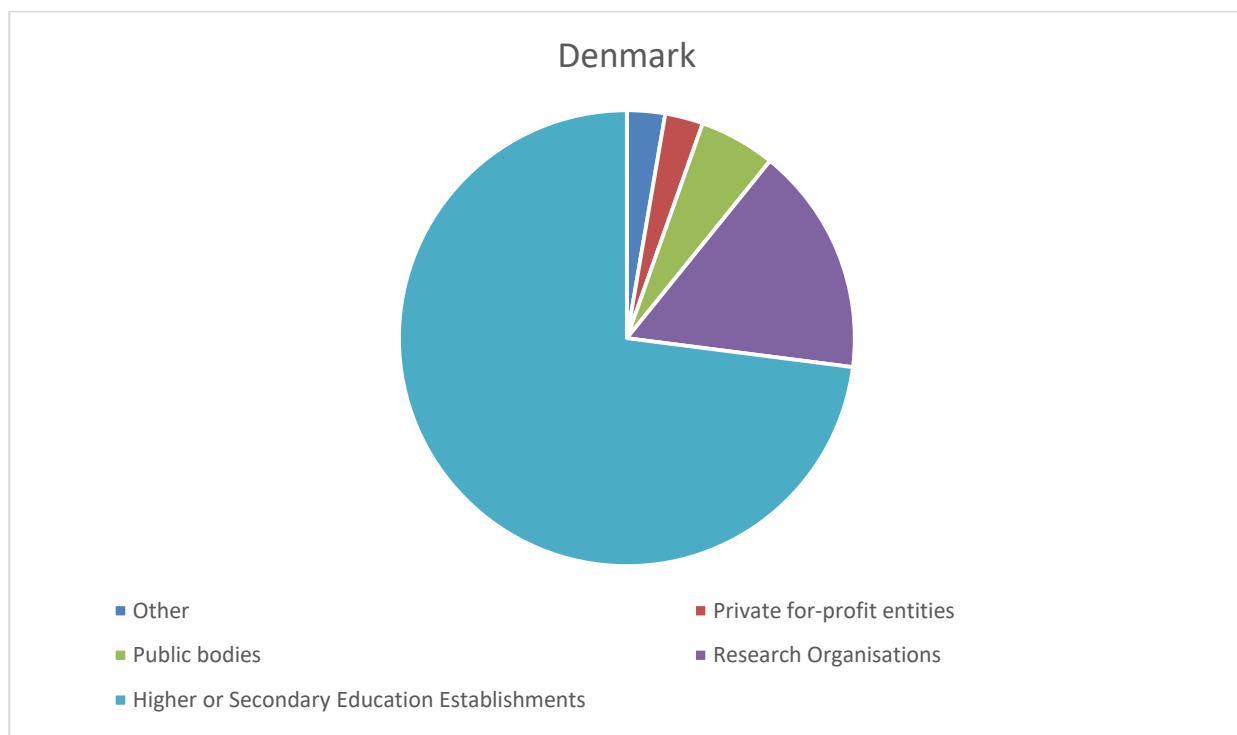
5.1.6 Czech Republic



Participants with more than 2 participations		
Organization name	No of Participations	Activity type
CESNET ZAJMOVE SDRUZENI PRAVNICKYCH OSOB	8	Research Organisations
FYZIKALNI USTAV AV CR V.V.I	6	Higher or Secondary Education Establishments
USTAV MOLEKULARNI GENETIKY AKADEMIE VED CESKE REPUBLIKY VEREJNA VYZKUMNA INSTITUCE	4	Research Organisations
Masarykova univerzita	4	Higher or Secondary Education Establishments
VYSOKA SKOLA BANSKA - TECHNICKA UNIVERZITA OSTRAVA	4	Higher or Secondary Education Establishments
CESKE VYSOKE UCENI TECHNICKE V PRAZE	3	Higher or Secondary Education Establishments
USTAV FYZIKY ATMOSFERY AV CR, v.v.i.	2	Research Organisations
MINISTRY OF EDUCATION YOUTH AND SPORTS	2	Private for-profit entities (excluding Higher or Secondary Education Establishments)
NUCLEAR PHYSICS INSTITUTE OF THE ASCR VVI	2	Research Organisations
MORAVSKA ZEMSKA KNIHOVNA V BRNE	2	Research Organisations
CENTRUM VYZKUMU GLOBALNI ZMENY AV CR VVI	2	Research Organisations

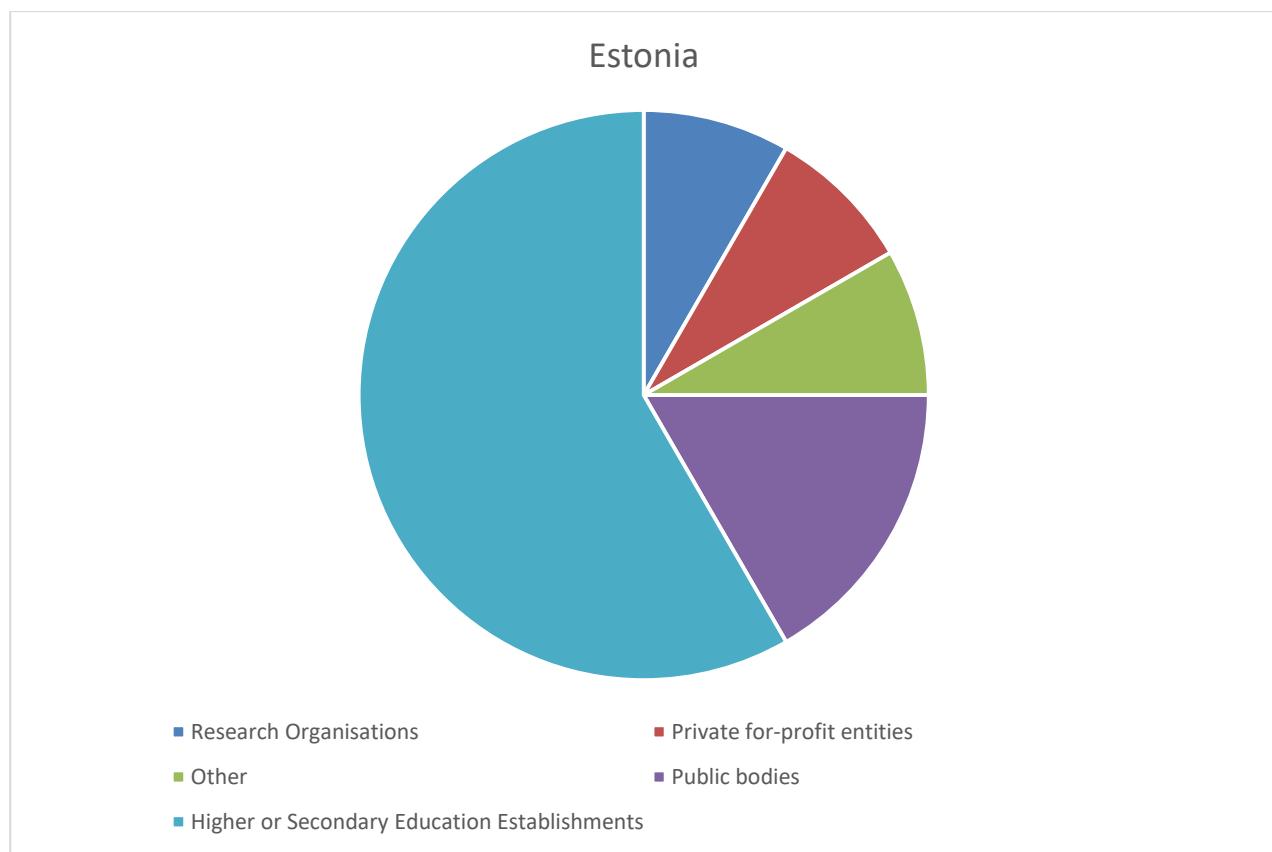
5.1.7 Denmark

Participants with more than 5 participations		
Organization name	No of Participations	Activity type
DANMARKS TEKNISKE UNIVERSITET	10	Higher or Secondary Education Establishments
KOBENHAVNS UNIVERSITET	10	Higher or Secondary Education Establishments
AARHUS UNIVERSITET	4	Higher or Secondary Education Establishments
Geological Survey of Denmark and Greenland	2	Research Organisations
SYDDANSK UNIVERSITET	2	Higher or Secondary Education Establishments

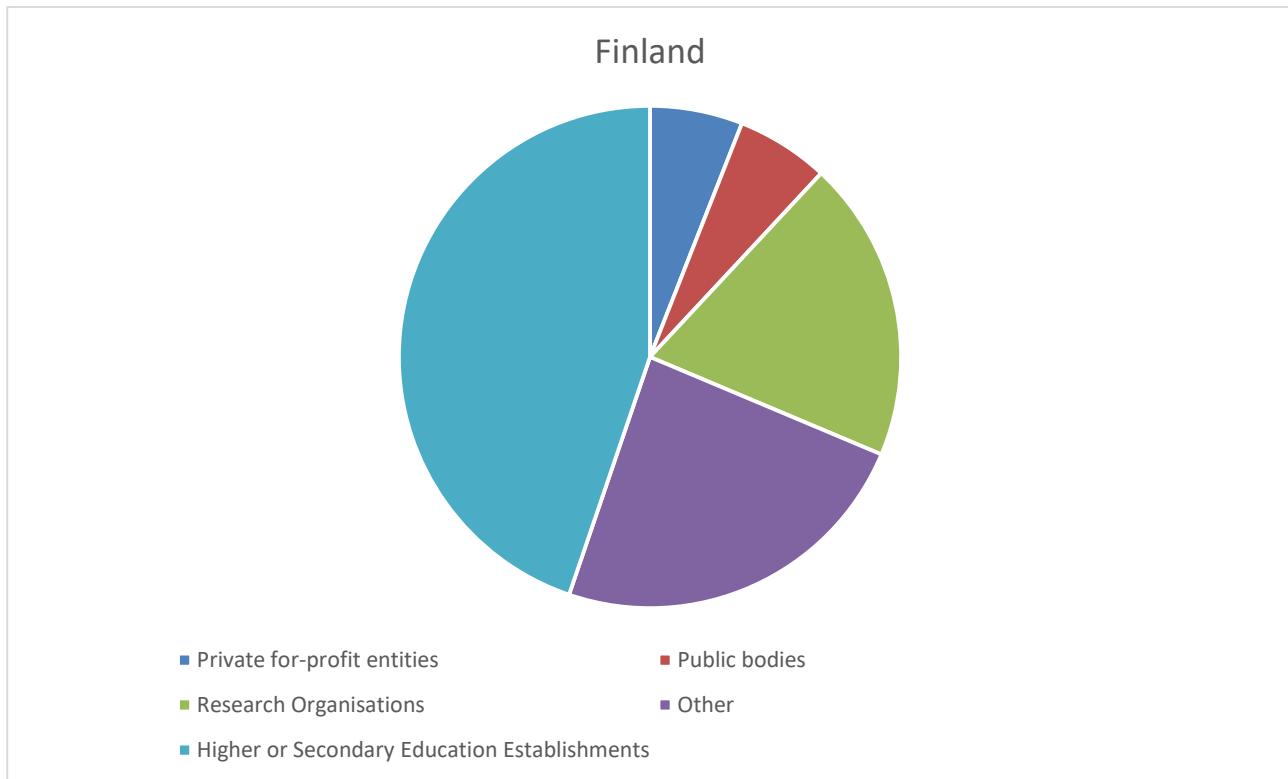


5.1.8 Estonia

All participants		
Organization name	No of Participations	Activity type
TARTU ULIKOOOL	7	Higher or Secondary Education Establishments
HARIDUS-JA TEADUS MINISTEERIUM	2	Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
HARIDUSE INFOTEHNOLOGIA SIHTASUTUS	1	Other
AGILEWORKS OU	1	Private for-profit entities (excluding Higher or Secondary Education Establishments)
TARTU OBSERVATORY - ESTONIAN MINISTRY OF EDUCATION AND RESEARCH	1	Research Organisations



5.1.9 Finland



Participants with more than 2 participations

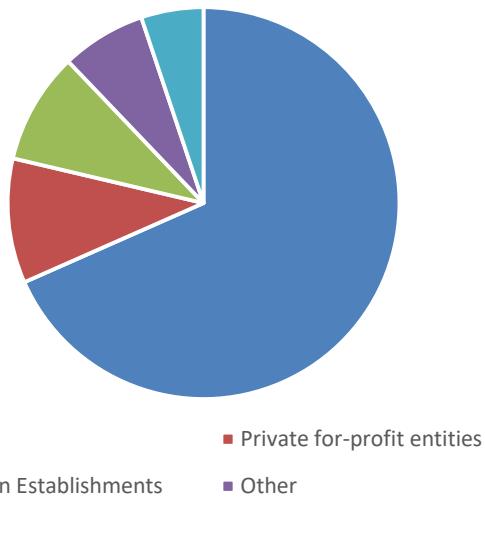
Organization name	No of Participations	Activity type
CSC-TIETEEN TIETOTEKNIIKAN KESKUS OY	14	Other
HELSINGIN YLIOPISTO	12	Higher or Secondary Education Establishments
ILMATIETEEN LAITOS	8	Research Organisations
AALTO-KORKEAKOULUSAATIO	6	Higher or Secondary Education Establishments
OULUN YLIOPISTO	3	Higher or Secondary Education Establishments
Teknologian tutkimuskeskus VTT Oy	3	Public bodies
SUOMEN YMPARISTOKESKUS	3	Research Organisations
ABO AKADEMI	3	Higher or Secondary Education Establishments
JYVASKYLAN YLIOPISTO	2	Higher or Secondary Education Establishments
TURUN YLIOPISTO	2	Higher or Secondary Education Establishments

5.1.10 France

Participants with more than 5 participations

Organization name	No of Participations	Activity type
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	61	Research Organisations
COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	37	Research Organisations
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE	13	Research Organisations
INSTITUT FRANCAIS DE RECHERCHE POUR L'EXPLOITATION DE LA MER	8	Research Organisations
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)	7	Research Organisations
EUROPEAN SYNCHROTRON RADIATION FACILITY	6	Research Organisations
INSTITUT MAX VON LAUE - PAUL LANGEVIN	5	Research Organisations

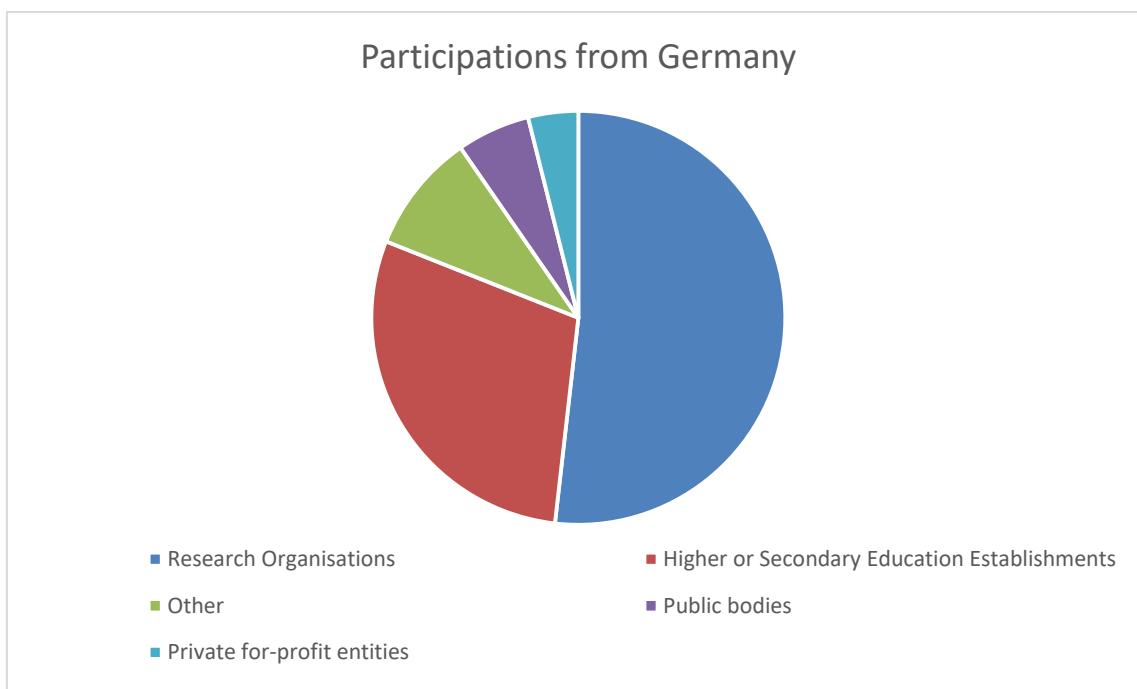
Partitipations from France



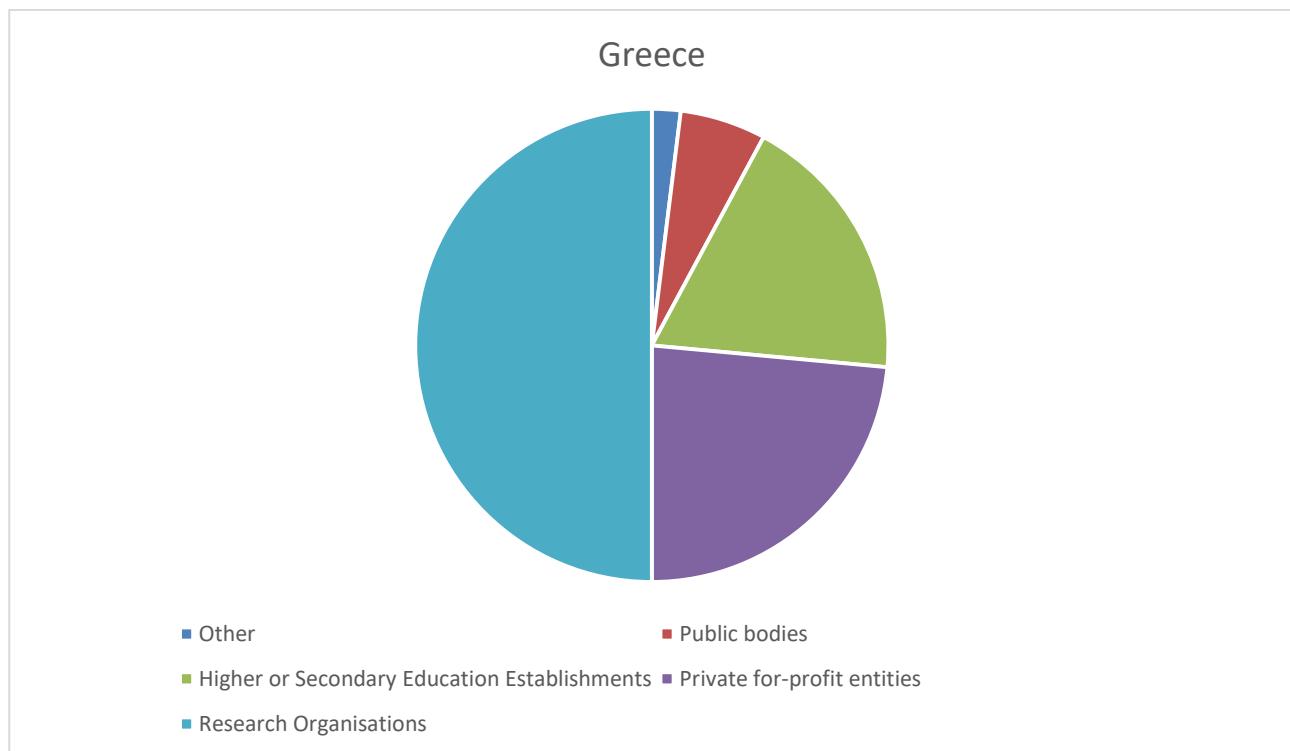
5.1.11 Germany

Participants with more than 5 participations		
Organization name	No of Participations	Activity type
MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN EV	25	Research Organisations
FORSCHUNGSZENTRUM JULICH GMBH	23	Other
EUROPEAN MOLECULAR BIOLOGY LABORATORY	23	Research Organisations
STIFTUNG DEUTSCHES ELEKTRONEN-SYNCHROTRON DESY	12	Research Organisations
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	5	Research Organisations

Karlsruher Institut fuer Technologie	9	Higher or Secondary Education Establishments
BUNDESMINISTERIUM FUER BILDUNG UND FORSCHUNG	9	Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV	9	Research Organisations
GSI HELMHOLTZZENTRUM FUER SCHWERIONENFORSCHUNG GmbH	7	Research Organisations
UNIVERSITAET BREMEN	7	Higher or Secondary Education Establishments
GEORG-AUGUST-UNIVERSITAT GOTTINGENSTIFTUNG OFFENTLICHEN RECHTS	6	Higher or Secondary Education Establishments
HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGZENTRUM FUER GESUNDHEIT UND UMWELT GMBH	6	Research Organisations
FORSCHUNGSVERBUND BERLIN EV	6	Research Organisations
UNIVERSITAET STUTTGART	5	Higher or Secondary Education Establishments
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V	5	Research Organisations

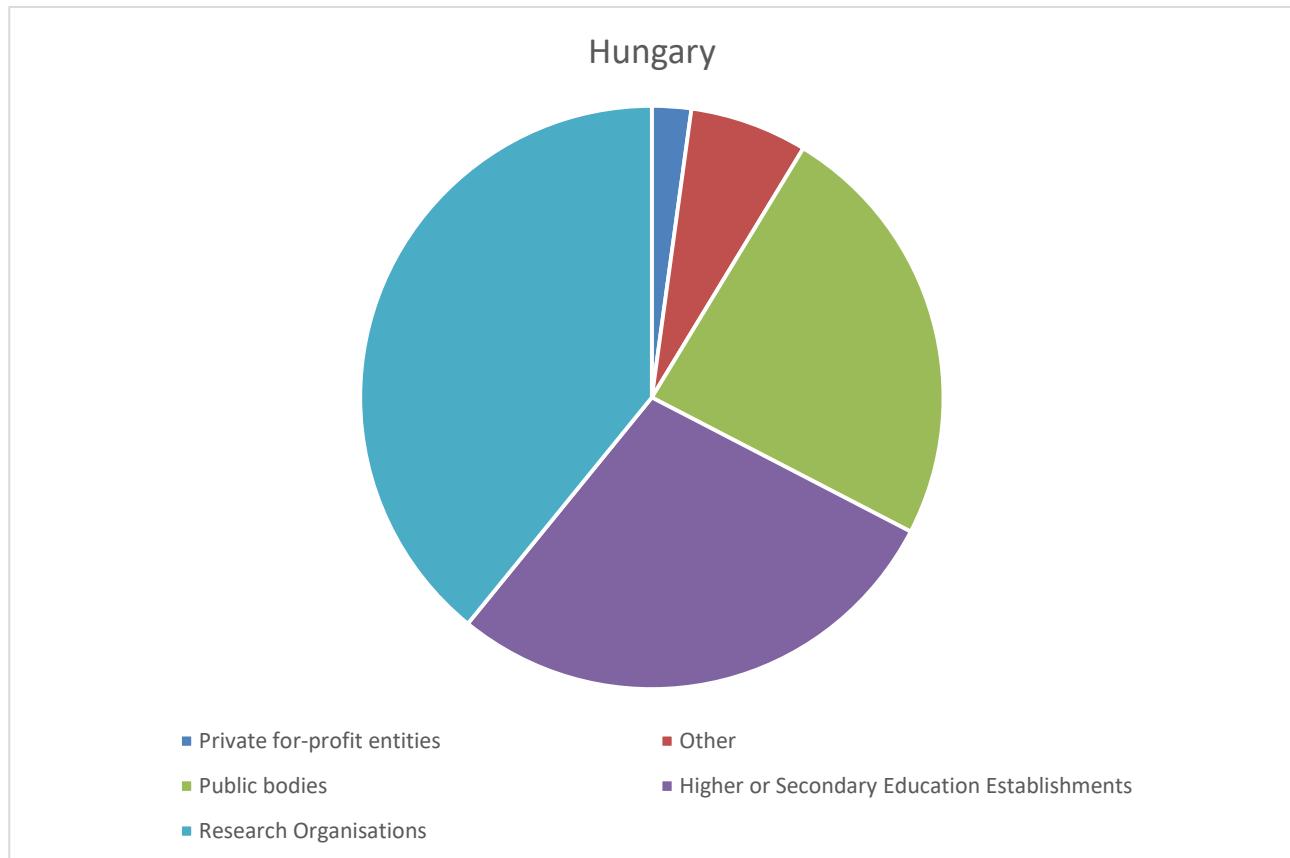


5.1.12 Greece



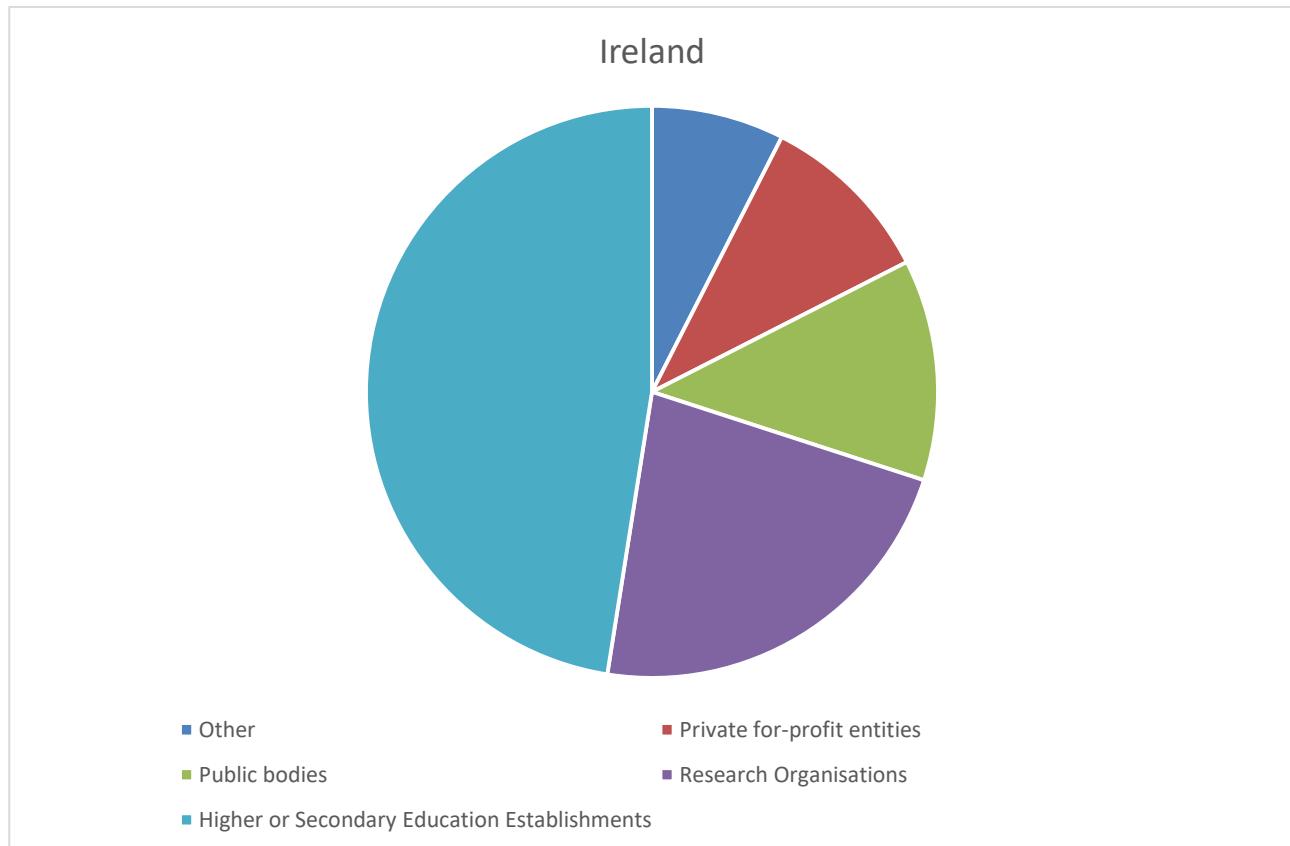
Participants with more than 3 participations		
Organization name	No of Participations	Activity type
ETHNIKO DIKTYO EREVNAS TECHNOLOGIAS AE	16	Private for-profit entities
FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS	9	Research Organisations
HELLENIC CENTRE FOR MARINE RESEARCH	8	Research Organisations
ATHENA RESEARCH AND INNOVATION CENTER IN INFORMATION COMMUNICATION & KNOWLEDGE TECHNOLOGIES	7	Research Organisations
GENIKI GRAMMATIA EREVNAS KAI TECHNOLOGIAS	6	Public bodies
NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	6	Higher or Secondary Education Establishments
ETHNIKO IDRYMA EREVNON	5	Research Organisations
NATIONAL OBSERVATORY OF ATHENS	4	Research Organisations
AGRO-KNOW IKE	4	Private for-profit entities
INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS	3	Research Organisations
ARISTOTELIO PANEPISTIMIO THESSALONIKIS	3	Higher or Secondary Education Establishments

5.1.13 Hungary



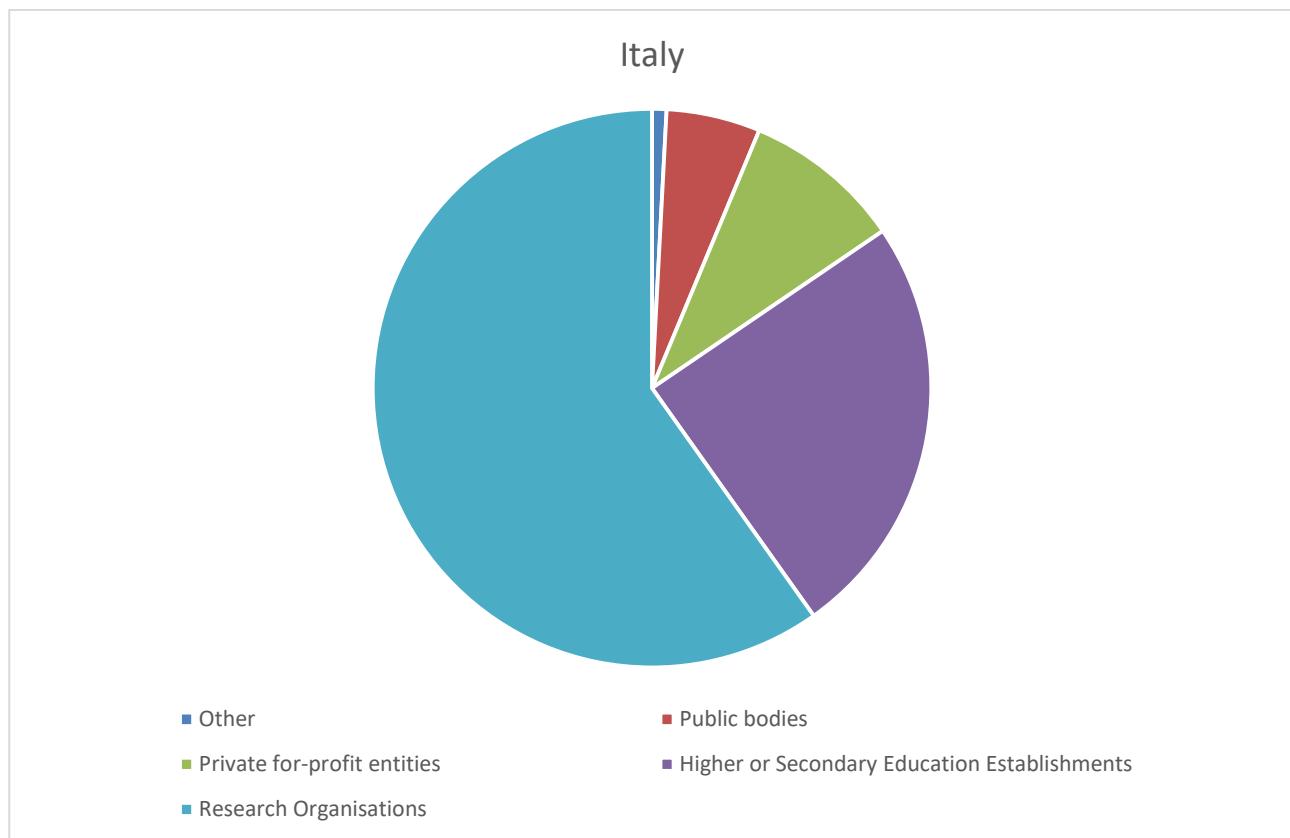
Participants with more than 2 participations		
Organization name	No of Participations	Activity type
MAGYAR TUDOMANYOS AKADEMIA WIGNER FIZIKAI KUTATOKOZPONT	5	Research Organisations
NEMZETI INFORMACIOS INFRASTRUKTURA FEJLESZTESI IRODA	5	Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
KORMANYZATI INFORMATIKAI FEJLESZTESI UGYNOKSEG	4	Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
Magyar Tudomanyos Akademia Atommagkutato Intezete	2	Higher or Secondary Education Establishments
SZILARDTESTFIZIKAI ES OPTIKAI KUTATOINTEZETE - MAGYAR TUDOMANYOS AKADEMIA	2	Research Organisations
MAGYAR TUDOMANYOS AKADEMIA SZAMITASTECHNIKAI ES AUTOMATIZALASI KUTATO INTEZET	2	Research Organisations
EOTVOS LORAND TUDOMANYEGYETEM	2	Higher or Secondary Education Establishments

5.1.14 Ireland



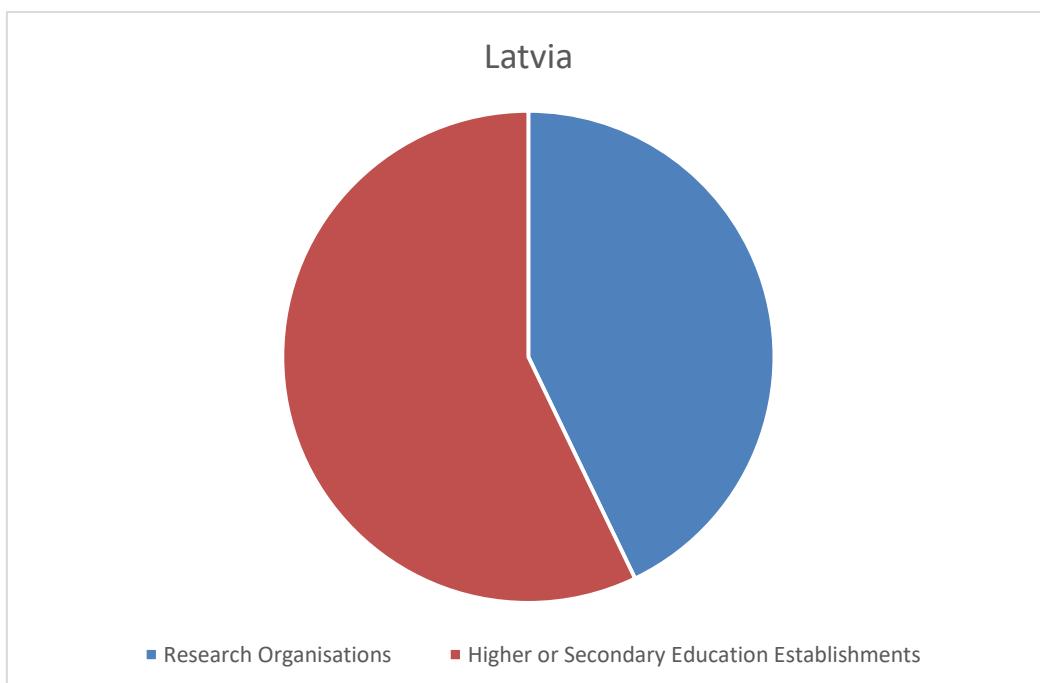
Participants with more than 2 participations		
Organization name	No of Participations	Activity type
NATIONAL UNIVERSITY OF IRELAND, GALWAY	6	Higher or Secondary Education Establishments
MARINE INSTITUTE	5	Research Organisations
UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN	4	Higher or Secondary Education Establishments
THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN	4	Higher or Secondary Education Establishments
THE HEALTH RESEARCH BOARD	2	Public bodies
VEDURSTOFA ISLANDS	2	Research Organisations
SLR ENVIRONMENTAL CONSULTING(IRELAND)LIMITED	2	Private for-profit entities
UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK	2	Higher or Secondary Education Establishments

5.1.15 Italy

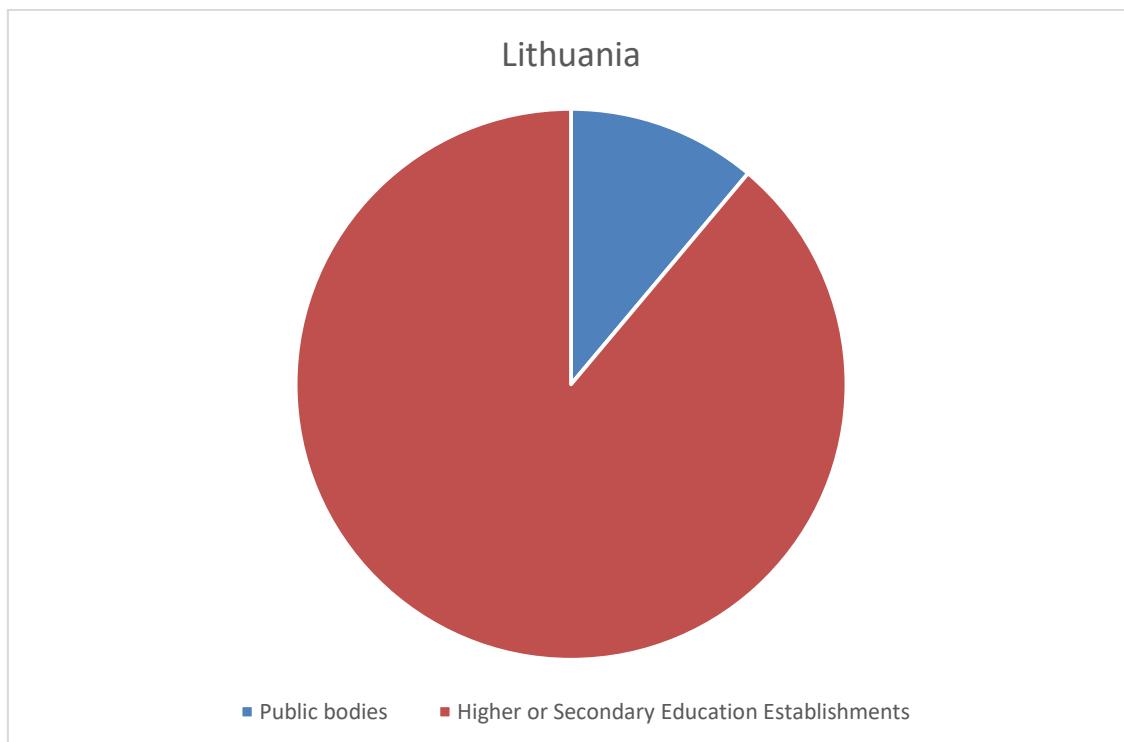


Participants with more than 3 participations		
Organization name	No of Participations	Activity type
CONSIGLIO NAZIONALE DELLE RICERCHE	44	Research Organisations
ISTITUTO NAZIONALE DI FISICA NUCLEARE	20	Research Organisations
ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA	9	Research Organisations
ISTITUTO NAZIONALE DI ASTROFISICA	8	Research Organisations
CONSORZIO INTERUNIVERSITARIO RISONANZE MAGNETICHE DI METALLO PROTEINE	7	Higher or Secondary Education Establishments
AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE	7	Research Organisations
CINECA CONSORZIO INTERUNIVERSITARIO	7	Research Organisations
ELETTRA - SINCROTRONE TRIESTE SCPA	6	Research Organisations
ISTITUTO NAZIONALE DI OCEANOGRAFIA E DI GEOFISICA SPERIMENTALE	5	Research Organisations
AGENZIA PER LA PROMOZIONE DELLA RICERCA EUROPEA	4	Research Organisations
UNIVERSITA' DEGLI STUDI DI MILANO-BICOCCA	4	Higher or Secondary Education Establishments
UNIVERSITA DEGLI STUDI DI MILANO	4	Higher or Secondary Education Establishments
ENGINEERING - INGEGNERIA INFORMATICA SPA	4	Private for-profit entities
CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE SCIENZE FISICHE DELLA MATERIA	3	Research Organisations
UNIVERSITA DEGLI STUDI DELLA TUSCIA	3	Higher or Secondary Education Establishments

UNIVERSITA DEGLI STUDI DI TORINO	3	Higher or Secondary Education Establishments
CONSORTIUM GARR	3	Public bodies
PIN SOC.CONS. A R.L. - SERVIZI DIDATTICI E SCIENTIFICI PER L UNIVERSITA DI FIRENZE	3	Higher or Secondary Education Establishments
STAZIONE ZOOLOGICA ANTON DOHRN	3	Research Organisations
FONDAZIONE CENTRO EURO-MEDITERRANEO SUI CAMBIAMENTI CLIMATICI	3	Research Organisations

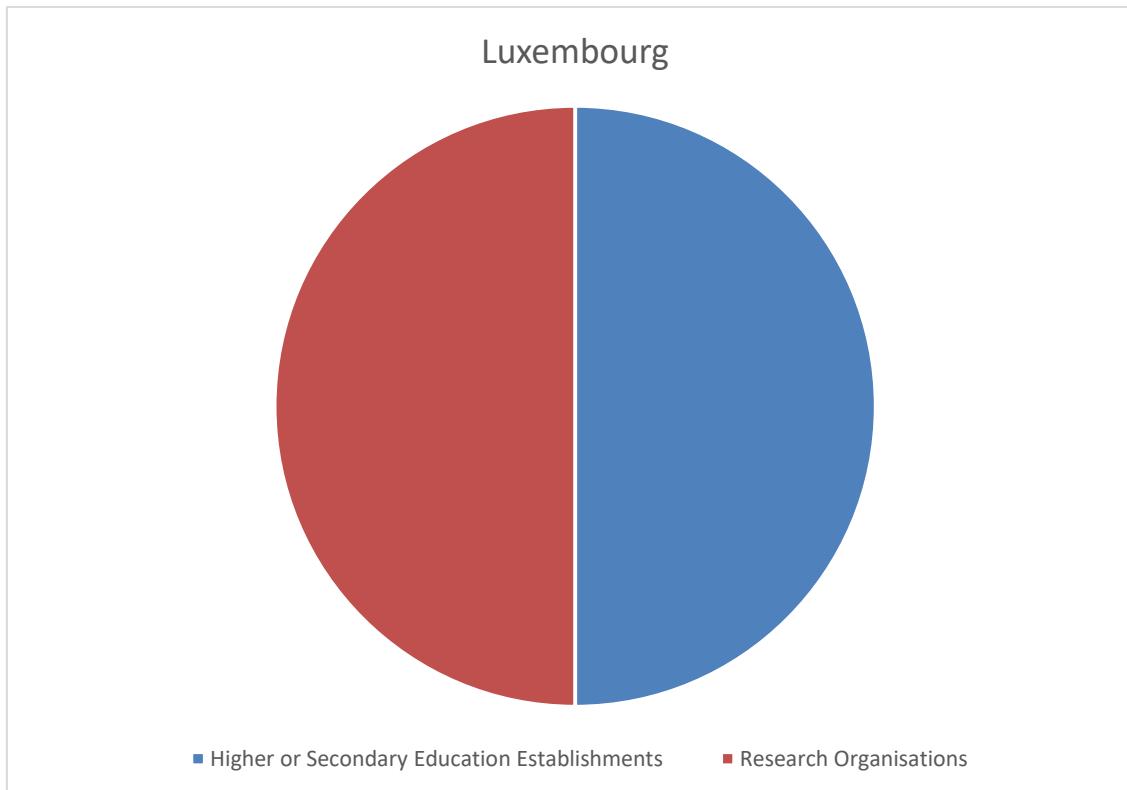
5.1.16 Latvia

All participants		
Organization name	No of Participations	Activity type
LATVIJAS UNIVERSITATE	4	Higher or Secondary Education Establishments
LATVIJAS UNIVERSITATES AGENTURA LATVIJAS UNIVERSITATES BIOLOGIJAS INSTITUTS	1	Research Organisations
LATVIJAS UNIVERSITATES MATEMATIKAS UN INFORMATIKAS INSTITUTS	1	Research Organisations
LATVIJAS VALSTS KOKSNES KIMIJAS INSTITUTS	1	Research Organisations

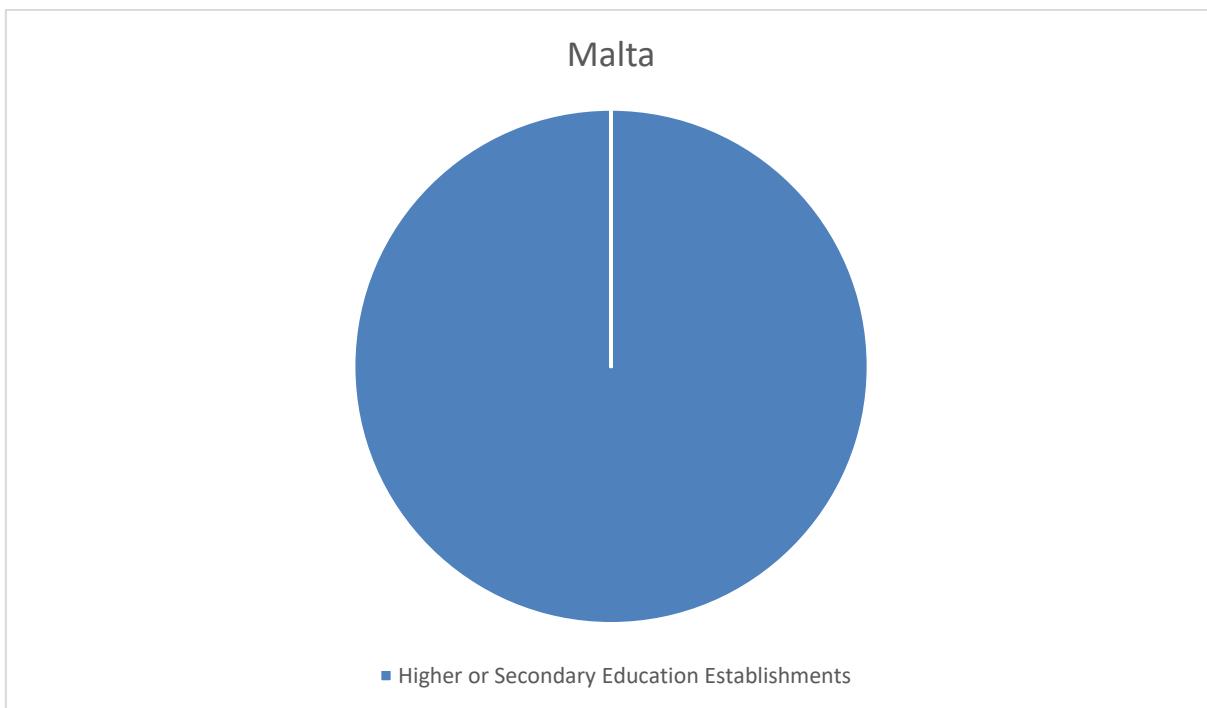
5.1.17 Lithuania

All participants		
Organization name	No of Participations	Activity type
VILNIAUS UNIVERSITETAS	6	Higher or Secondary Education Establishments
KAUNO TECHNOLOGIJOS UNIVERSITETAS	2	Higher or Secondary Education Establishments
VALSTYBINIS VILNIAUS GAONO ZYDU MUZIEJUS	1	Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

5.1.18 Luxembourg

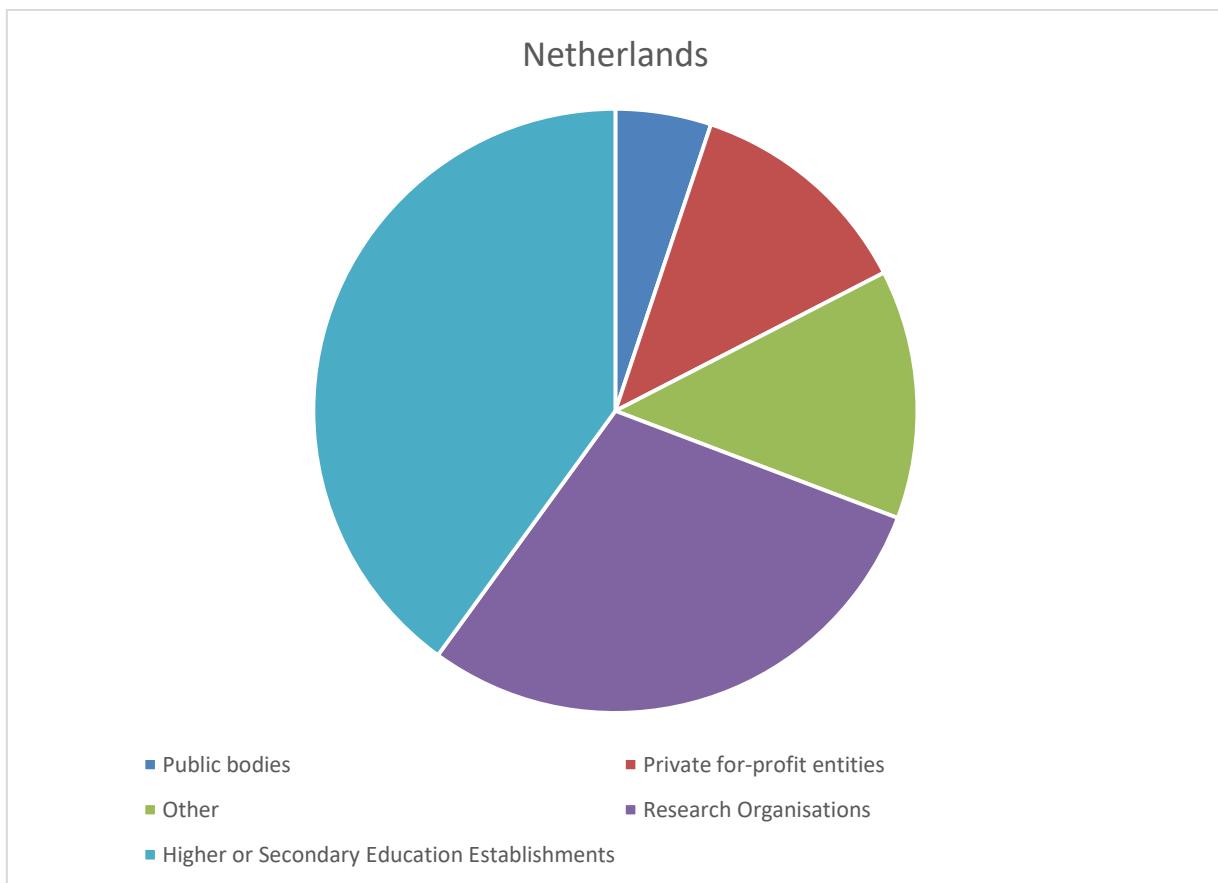


All participants		
Organization name	No of Participations	Activity type
Fondation RESTENA	1	Research Organisations
UNIVERSITE DU LUXEMBOURG	1	Higher or Secondary Education Establishments

5.1.19 Malta

All participants		
Organization name	No of Participations	Activity type
UNIVERSITA TA MALTA	4	Higher or Secondary Education Establishments

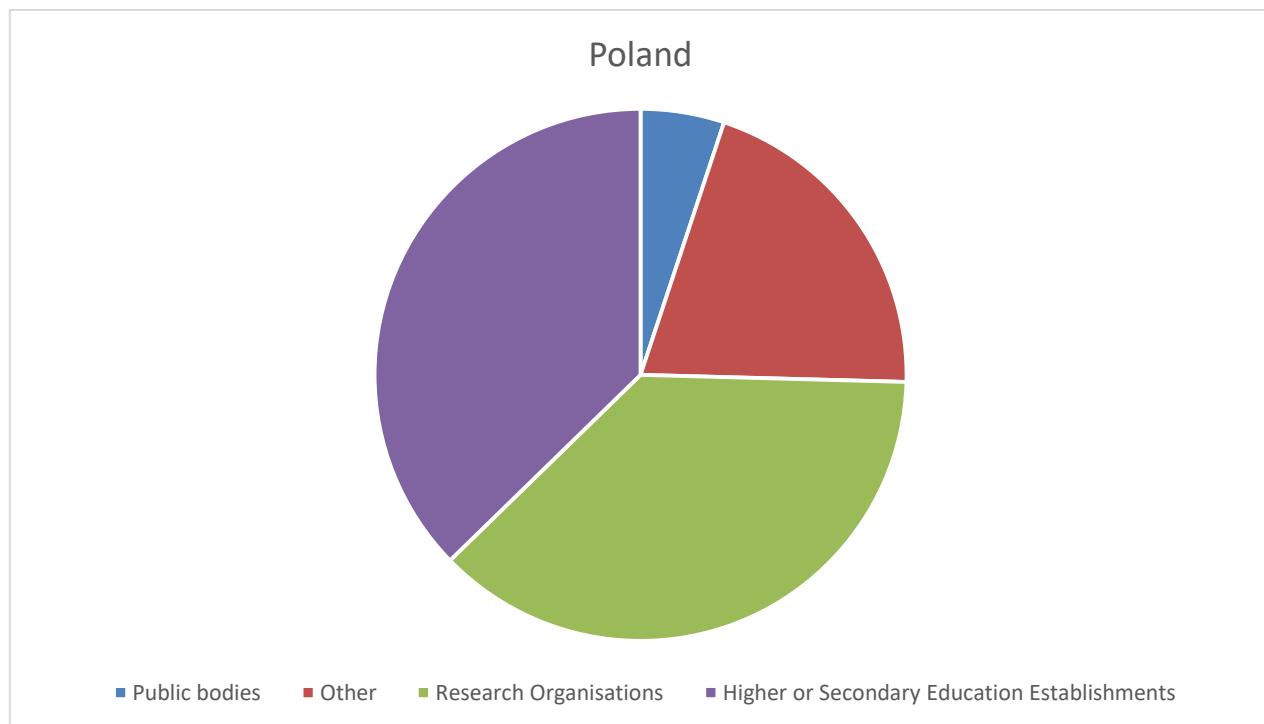
5.1.20 Netherlands



Participants with 4 or more participations		
Organization name	No of Participations	Activity type
KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN - KNAW	11	Research Organisations
STICHTING EGI	11	Other
TECHNISCHE UNIVERSITEIT DELFT	7	Higher or Secondary Education Establishments
NEDERLANDSE ORGANISATIE VOOR WETENSCHAPPELIJK ONDERZOEK	7	Research Organisations
STICHTING LIBER	6	Public bodies
UNIVERSITEIT UTRECHT	6	Higher or Secondary Education Establishments
SURFSARA BV	6	Private for-profit entities
RIJKSUNIVERSITEIT GRONINGEN	5	Higher or Secondary Education Establishments
SURFnet bv	5	Private for-profit entities
KONINKLIJK NEDERLANDS METEOROLOGISCH INSTITUUT-KNMI	5	Other
STICHTING WAGENINGEN RESEARCH	5	Research Organisations
ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM	5	Higher or Secondary Education Establishments
STICHTING VU	5	Higher or Secondary Education Establishments

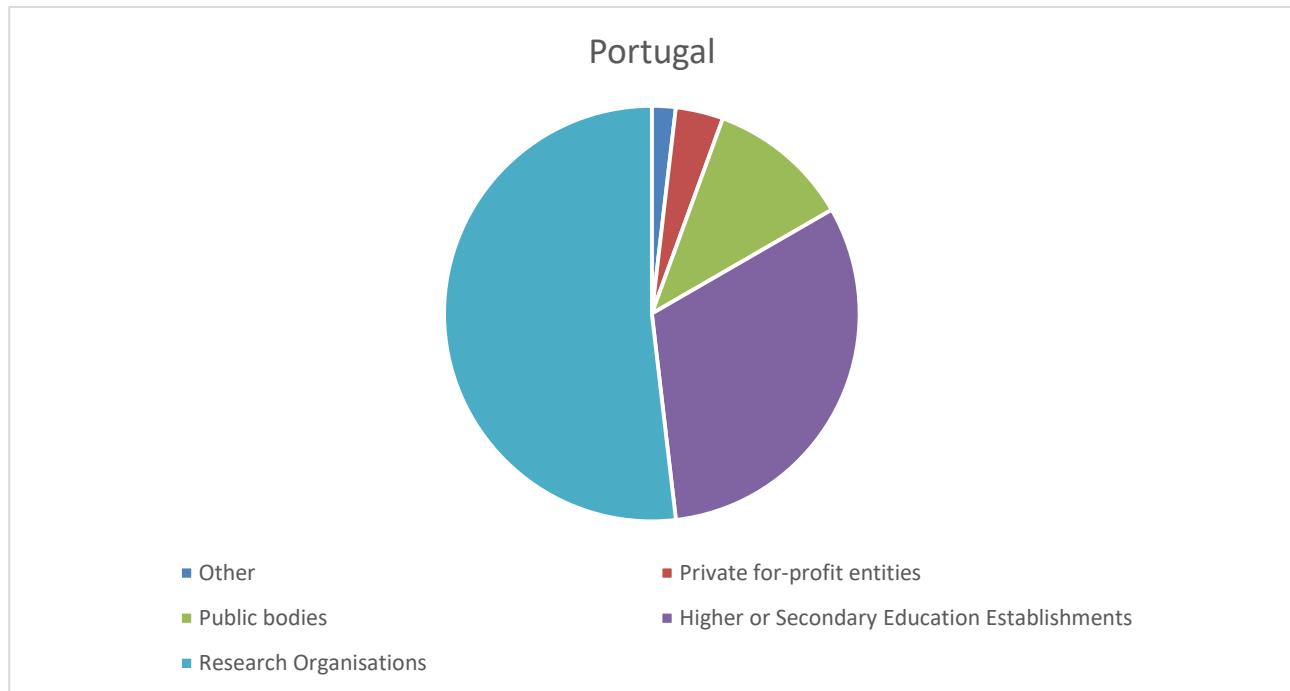
VERENIGING VOOR CHRISTELIJK HOGER ONDERWIJS WETENSCHAPPELIJK ONDERZOEK EN PATIENTENZORG	5	Higher or Secondary Education Establishments
GEANT VERENIGING	4	Research Organisations
UNIVERSITEIT LEIDEN	4	Higher or Secondary Education Establishments
ACADEMISCH ZIEKENHUIS LEIDEN	4	Higher or Secondary Education Establishments

5.1.21 Poland



Participants with 2 or more participations		
Organization name	No of Participations	Activity type
INSTYTUT CHEMII BIOORGANICZNEJ POLSKIEJ AKADEMII NAUK	13	Other
AKADEMIA GORNICZO-HUTNICZA IM. STANISLAWA STASZICA W KRAKOWIE	6	Higher or Secondary Education Establishments
UNIWERSYTET WARSZAWSKI	6	Higher or Secondary Education Establishments
NARODOWE CENTRUM BADAN JADROWYCH	2	Research Organisations
Instytut Geofizyki Polskiej Akademii Nauk	2	Research Organisations
WOJSKOWA AKADEMIA TECHNICZNA IM JAROSŁAWA DĄBROWSKIEGO	2	Higher or Secondary Education Establishments
Wrocławskie Centrum Badan EIT+ Sp z o.o	2	Research Organisations

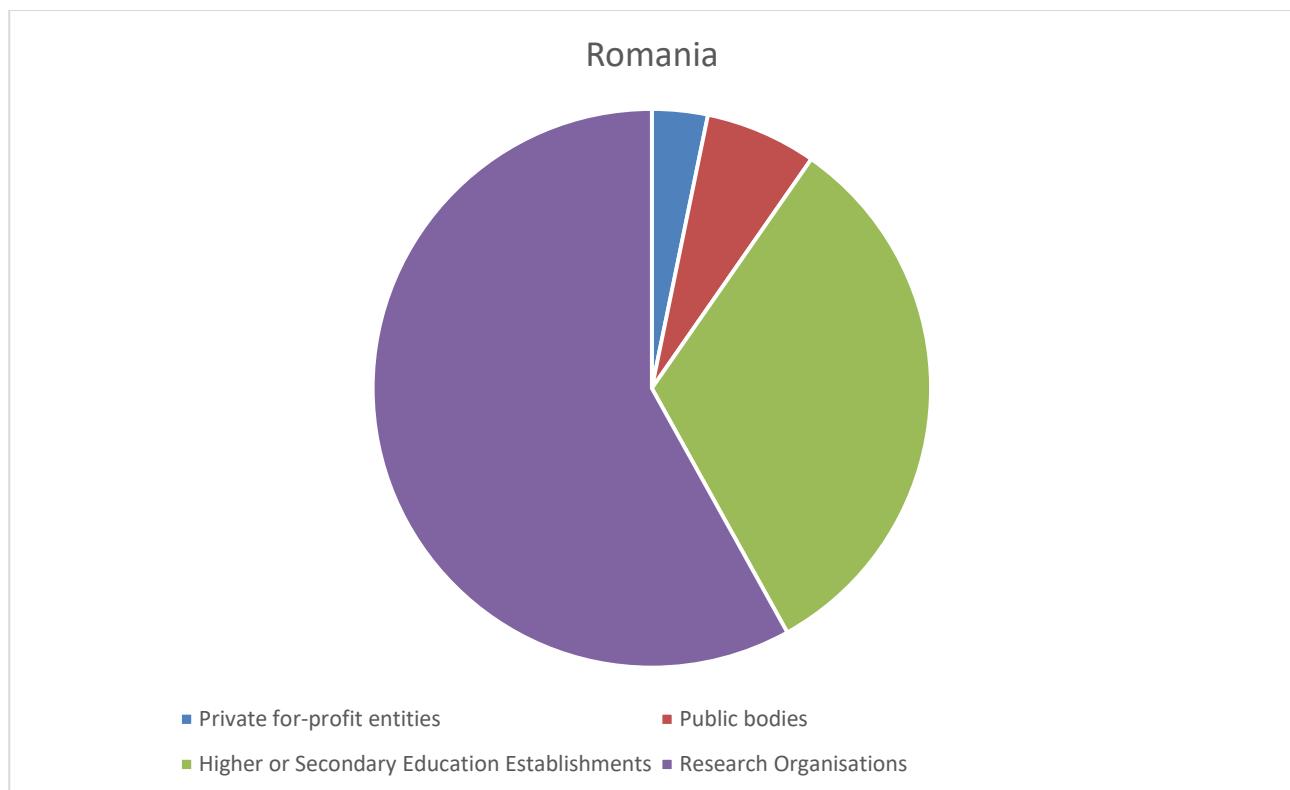
5.1.22 Portugal



Participants with 2 or more participations

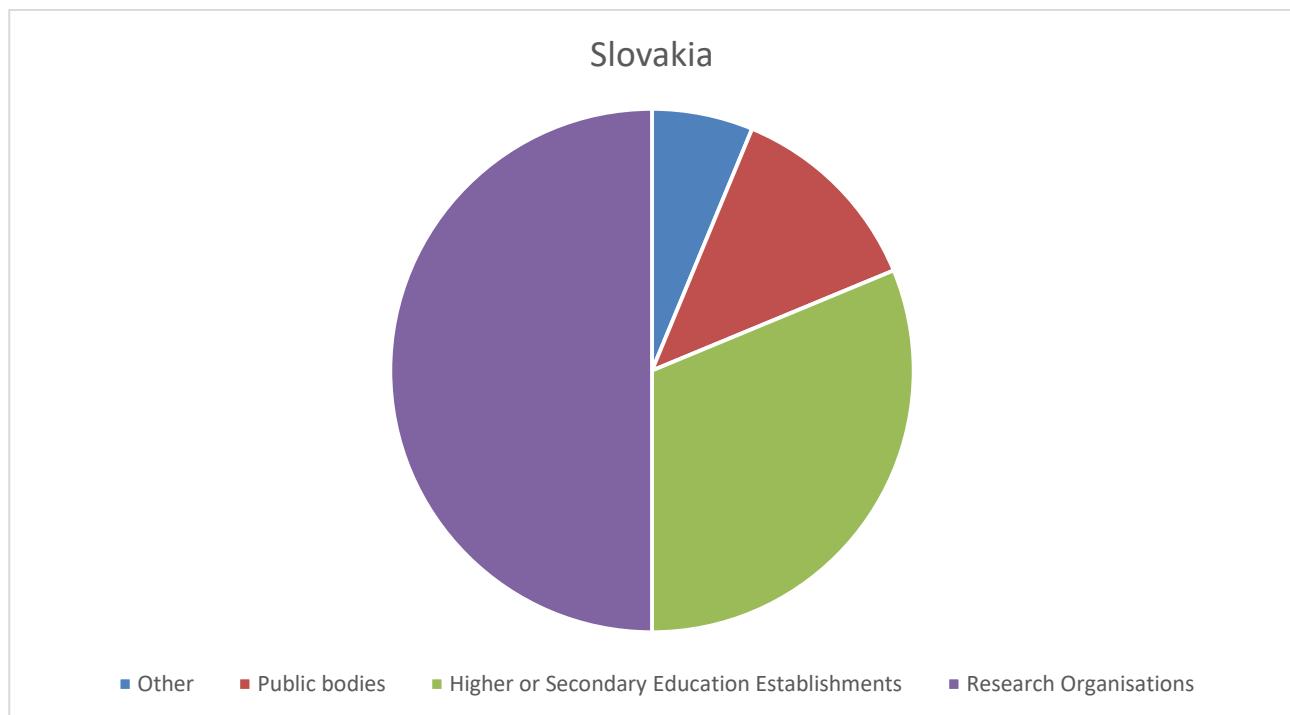
Organization name	No of Participations	Activity type
LABORATORIO DE INSTRUMENTACAO E FISICA EXPERIMENTAL DE PARTICULAS	5	Research Organisations
FUNDACAO PARA A CIENCIA E A TECNOLOGIA	5	Public bodies
UNIVERSIDADE DO MINHO	4	Higher or Secondary Education Establishments
FUNDACAO DA FACULDADE DE CIENCIAS DA UNIVERSIDADE DE LISBOA FP	4	Research Organisations
CENTRO DE CIENCIAS DO MAR DO ALGARVE	4	Research Organisations
UNIVERSIDADE DE COIMBRA	4	Higher or Secondary Education Establishments
LABORATORIO NACIONAL DE ENGENHARIA CIVIL	2	Research Organisations
INSTITUTO SUPERIOR TECNICO	2	Higher or Secondary Education Establishments
INSTITUTO DE CIENCIAS SOCIAIS DA UNIVERSIDADE DE LISBOA	2	Higher or Secondary Education Establishments
ASSOCIACAO DO INSTITUTO SUPERIOR TECNICO PARA A INVESTIGACAO E DESENVOLVIMENTO	2	Research Organisations
FUNDACAO CALOUSTE GULBENKIAN	2	Research Organisations

5.1.23 Romania



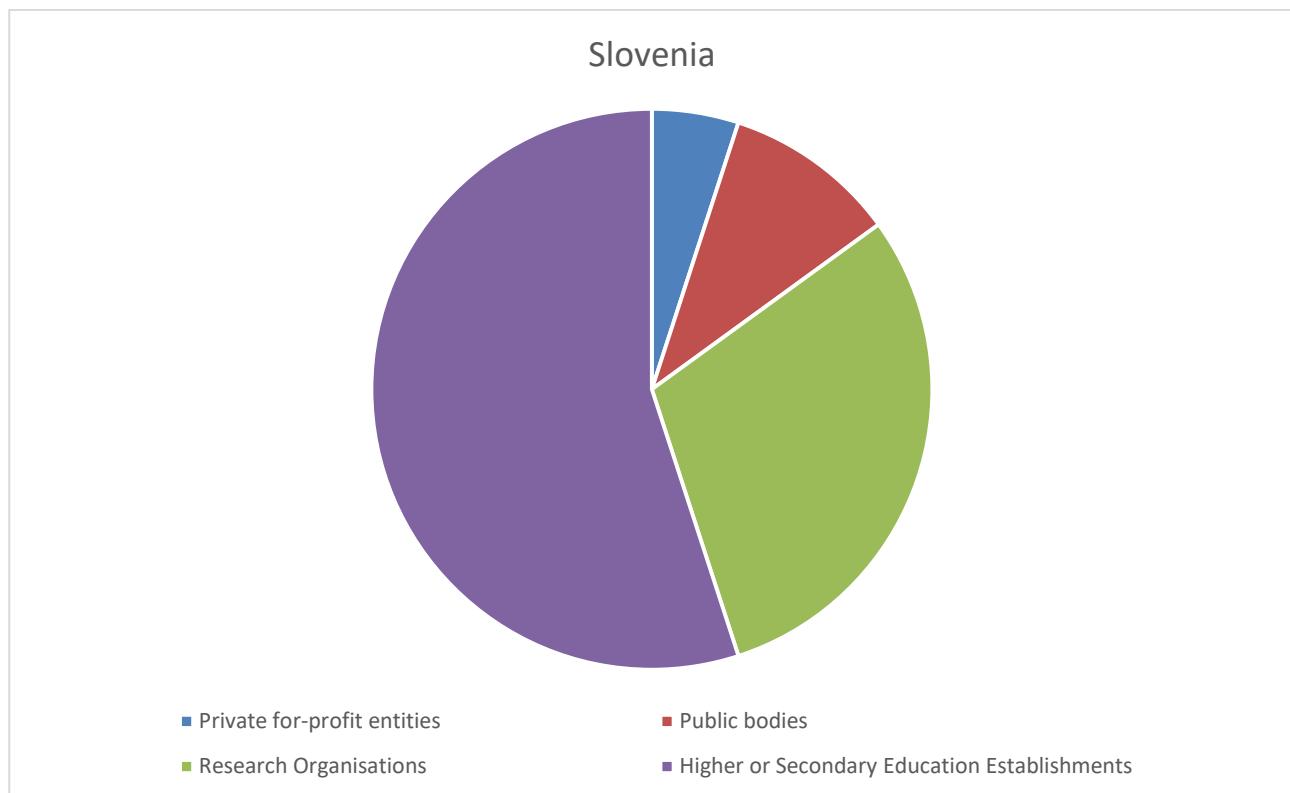
Participants with 2 or more participations		
Organization name	No of Participations	Activity type
UNIVERSITATEA DIN BUCURESTI	4	Higher or Secondary Education Establishments
"INSTITUTUL NATIONAL DE CERCETARE -DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA ""HORIA HULUBEI"" (IFIN-HH)"	4	Research Organisations
UNIVERSITATEA DE VEST DIN TIMISOARA	3	Higher or Secondary Education Establishments
INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU GEOLOGIE SI GEOECOLOGIE MARINA-GEOECOMAR	2	Research Organisations
INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA LASERILOR PLASMEI SI RADIATIEI	2	Research Organisations
INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU FIZICA PAMANTULUI	2	Research Organisations

5.1.24 Slovakia



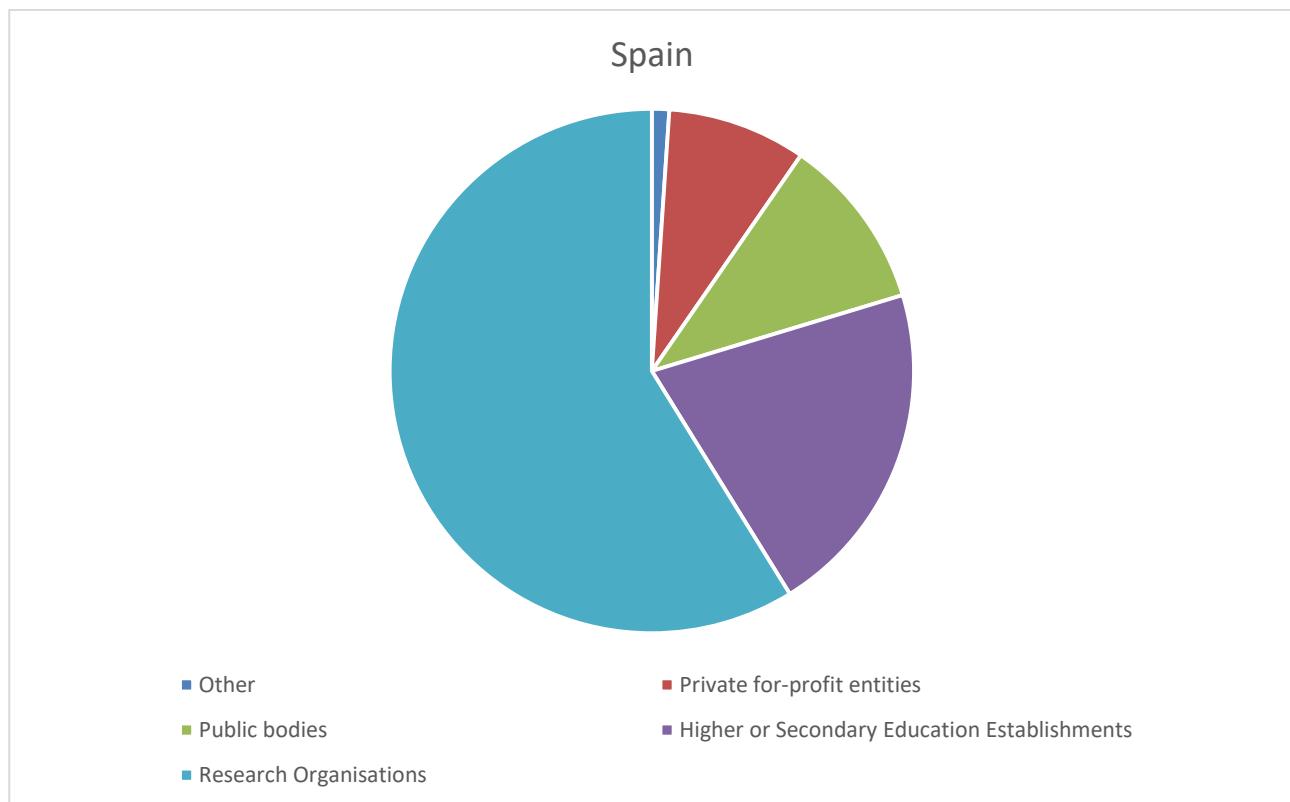
All participants		
Organization name	No of Participations	Activity type
VYPOCTOVE STREDISKO SLOVENSKEJ AKADEMIE VIED	2	Research Organisations
INSTITUTE OF LANDSCAPE ECOLOGY OF THE SLOVAK ACADEMY OF SCIENCES	2	Higher or Secondary Education Establishments
MEDZINARODNE LASEROVE CENTRUM	2	Research Organisations
CENTRUM VEDECKO TECHNICKYCH INFORMACII SLOVENSKEJ REPUBLIKY	1	Public bodies
UNIVERZITA PAVLA JOZefa SAFARIKA V KOSICIACH	1	Higher or Secondary Education Establishments
ZDRUZENIE POUZIVATELOV SLOVENSKEJAKADEMICKEJ DATOVEJ SIETE-SANET	1	Other
VIROLOGICKY USTAV SLOVENSKEJ AKADEMIE VIED	1	Research Organisations
USTAV INFORMATIKY, SLOVENSKA AKADEMIA VIED	1	Higher or Secondary Education Establishments
UNIVERZITA KOMENSKEHO V BRATISLAVE	1	Higher or Secondary Education Establishments
SOCIOLOGICKY USTAV SLOVENSKEJ AKADEMIE VIED	1	Research Organisations
JAZYKOVEDNY USTAV LUDOVITA STURA SLOVENSKEJ AKADEMIE VIED	1	Research Organisations
DOKUMENTACNE STREDISKO HOLOKAUSTU OBCIANSKE ZDRUZENIE	1	Research Organisations
INSTITUTE FOR PUBLIC AFFAIRS	1	Public bodies

5.1.25 Slovenia



All participants		
Organization name	No of Participations	Activity type
UNIVERZA V LJUBLJANI	7	Higher or Secondary Education Establishments
ZNANSTVENORAZISKOVALNI CENTER SLOVENSKE AKADEMIJE ZNANOSTI IN UMETNOSTI	3	Higher or Secondary Education Establishments
INSTITUT JOZEF STEFAN	3	Research Organisations
NARODNA IN UNIVERZITETNA KNJIZNICA	1	Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
UNIVERZA V NOVI GORICI	1	Higher or Secondary Education Establishments
ARCTUR RACUNALNISKI INZENIRING DOO	1	Private for-profit entities (excluding Higher or Secondary Education Establishments)
INSTITUT ZA NOVEJSO ZGODOVINO	1	Research Organisations
INSTITUT ZA EKONOMSKA RAZISKOVANJA	1	Research Organisations
AKADEMSKA RAZISKOVALNA MREZA SLOVENIJE	1	Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
NACIONALNI INSTITUT ZA BIOLOGIJO	1	Research Organisations

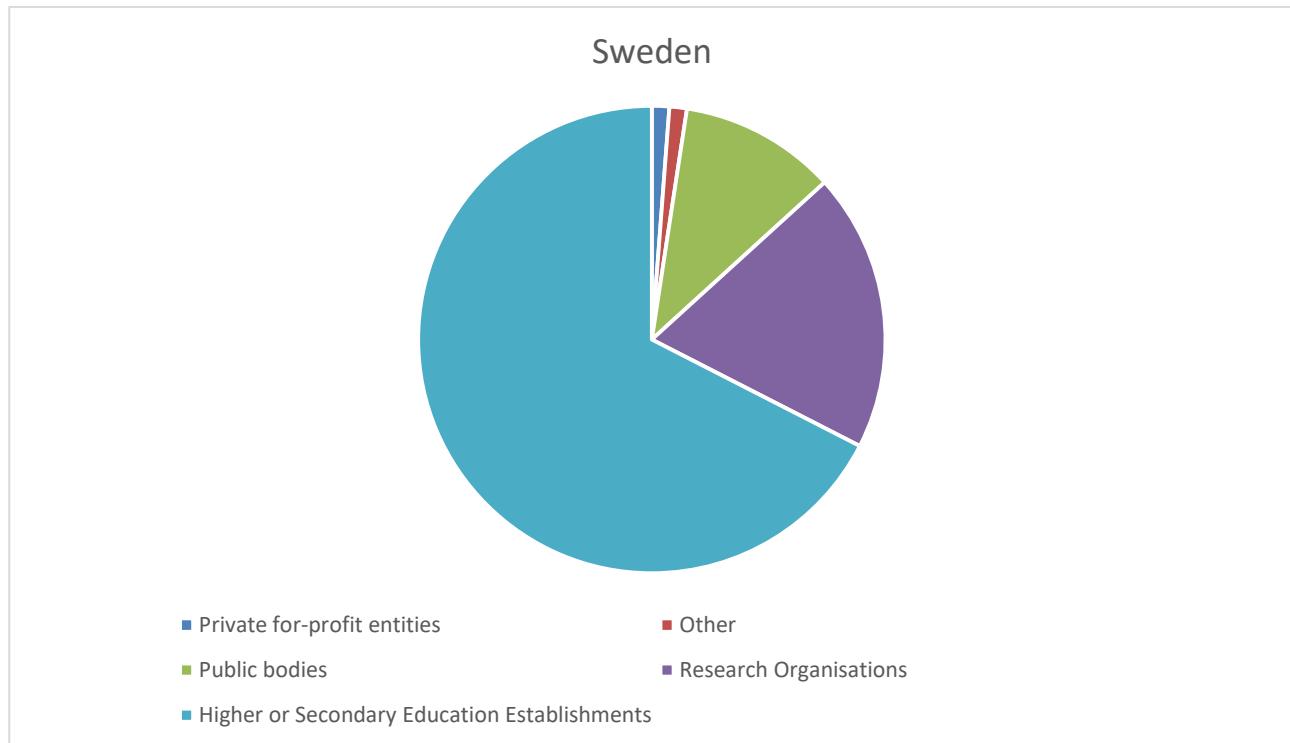
5.1.26 Spain



Participants with 3 or more participations		
Organization name	No of Participations	Activity type
AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	30	Research Organisations
BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION	19	Research Organisations
CENTRO DE INVESTIGACIONES ENERGETICAS, MEDIOAMBIENTALES Y TECNOLOGICAS-CIEMAT	7	Research Organisations
FUNDACIO CENTRE DE REGULACIO GENOMICA	5	Research Organisations
INSTITUTO DE SALUD CARLOS III	5	Research Organisations
INSTITUTO NACIONAL DE TECNICA AEROESPACIAL ESTEBAN TERRADAS	5	Research Organisations
UNIVERSIDAD DEL PAIS VASCO EHU UPV	4	Higher or Secondary Education Establishments
UNIVERSITAT DE BARCELONA	4	Higher or Secondary Education Establishments
UNIVERSIDAD DE GRANADA	4	Higher or Secondary Education Establishments
FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA)	4	Research Organisations
UNIVERSIDAD POLITECNICA DE MADRID	3	Higher or Secondary Education Establishments
FUNDACION PARA EL DESARROLLO DE LA INVESTIGACION EN GENOMICA Y PROTEOMICA	3	Research Organisations
FUNDACION CENTRO NACIONAL DE INVESTIGACIONES ONCOLOGICAS CARLOS III	3	Research Organisations

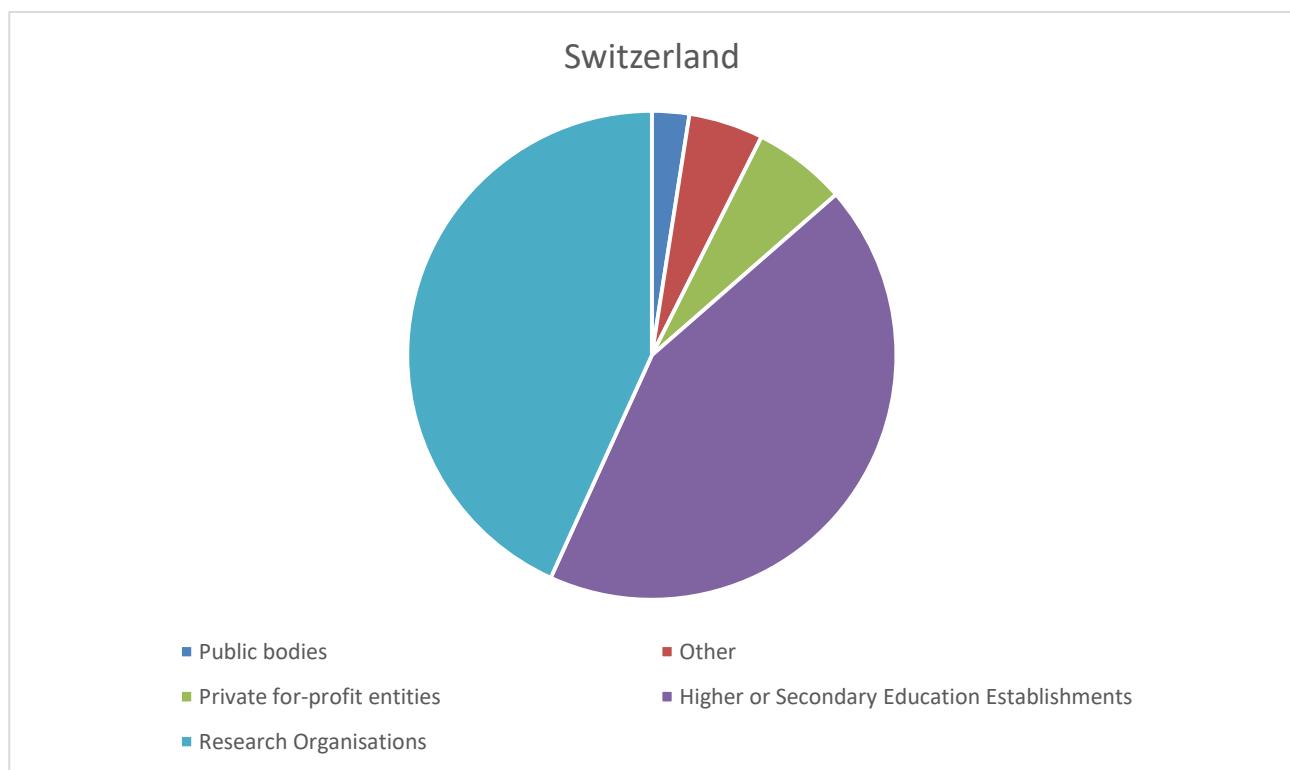
UNIVERSIDAD DE CANTABRIA	3	Higher or Secondary Education Establishments
CONSORCIO PARA LA CONSTRUCCION EQUIPAMIENTO Y EXPLOTACION DEL LABORATORIO DE LUZ SINCROTRON	3	Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
ATOS SPAIN SA	3	Private for-profit entities (excluding Higher or Secondary Education Establishments)
CONSORCIO PARA LA CONSTRUCCION, EQUIPAMIENTO Y EXPLOTACION DE LA SEDE ESPAÑOLA DE LA FUENTE EUROPEA DE NEUTRONES POR ESPALACION	3	Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

5.1.27 Sweden



Participants with 2 or more participations		
Organization name	No of Participations	Activity type
LUNDS UNIVERSITET	16	Higher or Secondary Education Establishments
UPPSALA UNIVERSITET	11	Higher or Secondary Education Establishments
KAROLINSKA INSTITUTET	6	Higher or Secondary Education Establishments
KUNGSLIGA TEKNISKA HOEGSKOLAN	6	Higher or Secondary Education Establishments
VETENSKAPSRADET - SWEDISH RESEARCH COUNCIL	5	Public bodies
EISCAT SCIENTIFIC ASSOCIATION	5	Research Organisations
EUROPEAN SPALLATION SOURCE ESS AB	5	Research Organisations
GOETEBORGS UNIVERSITET	4	Higher or Secondary Education Establishments
CHALMERS TEKNISKA HOEGSKOLA AB	3	Higher or Secondary Education Establishments
LINKOPINGS UNIVERSITET	3	Higher or Secondary Education Establishments
STOCKHOLMS UNIVERSITET	2	Higher or Secondary Education Establishments
SVERIGES LANTBRUKSUNIVERSITET	2	Higher or Secondary Education Establishments
FOLKHALSOMYNDIGHETEN	2	Research Organisations
SVERIGES METEOROLOGiska OCH HYDROLOGiska INSTITUT	2	Public bodies

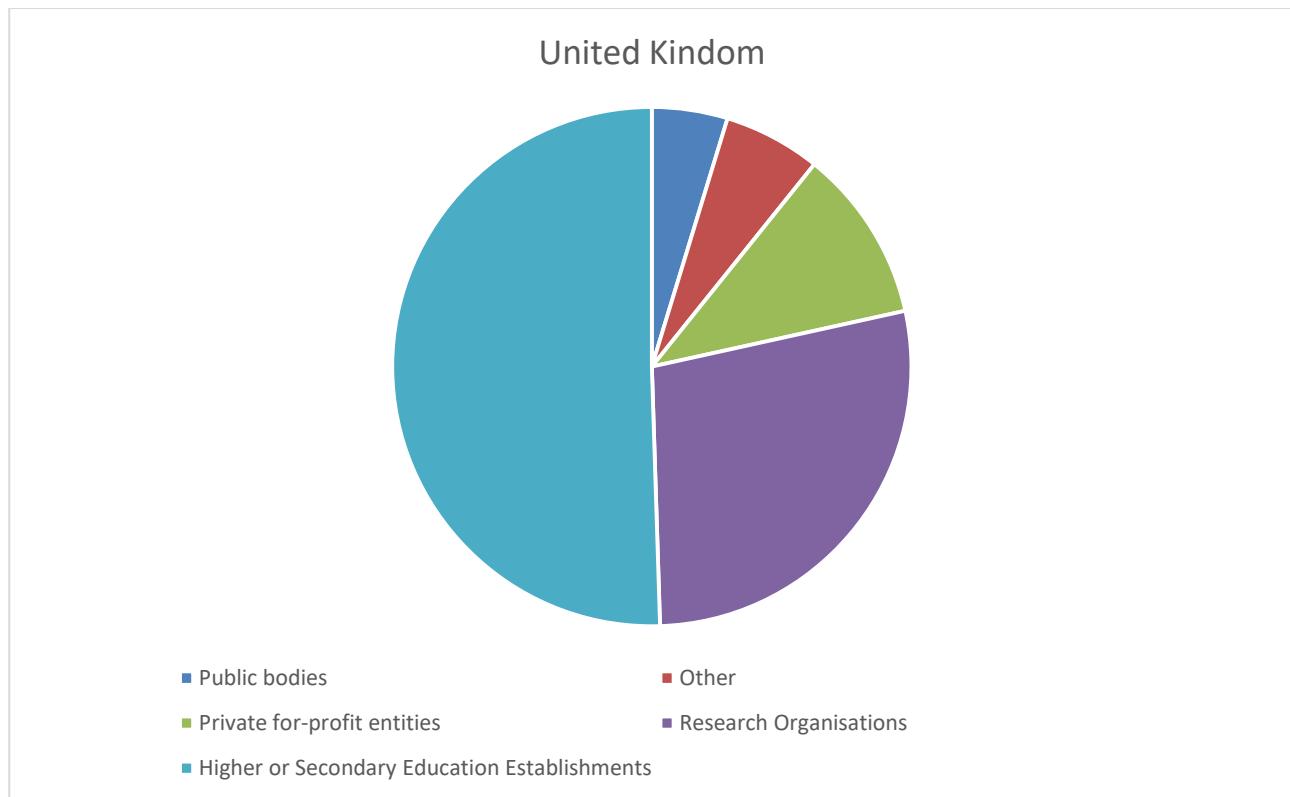
5.1.28 Switzerland



Participants with 2 or more participations

Organization name	No of Participations	Activity type
EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH	19	Research Organisations
EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH	12	Higher or Secondary Education Establishments
PAUL SCHERRER INSTITUT	9	Research Organisations
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE	7	Higher or Secondary Education Establishments
UNIVERSITE DE GENEVE	6	Higher or Secondary Education Establishments
SIB INSTITUT SUISSE DE BIOINFORMATIQUE	3	Research Organisations
EIDGENOSSISCHE MATERIALPRUFUNGS- UND FORSCHUNGSAINSTALT	2	Higher or Secondary Education Establishments
UNIVERSITAET BERN	2	Higher or Secondary Education Establishments
UNIVERSITE DE LAUSANNE	2	Higher or Secondary Education Establishments
SCHWEIZERISCHER NATIONALFONDS ZUR FORDERUNG DER WISSENSCHAFTLICHEN FORSCHUNG	2	Research Organisations
UNIVERSITAET ZUERICH	2	Higher or Secondary Education Establishments

5.1.29 United Kingdom



Participants with 5 or more participations		
Organization name	No of Participations	Activity type
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL	31	Research Organisations
NATURAL ENVIRONMENT RESEARCH COUNCIL	17	Research Organisations
THE UNIVERSITY OF EDINBURGH	14	Higher or Secondary Education Establishments
THE UNIVERSITY OF MANCHESTER	12	Higher or Secondary Education Establishments
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD	11	Higher or Secondary Education Establishments
UNIVERSITY COLLEGE LONDON	9	Higher or Secondary Education Establishments
MEDICAL RESEARCH COUNCIL	8	Research Organisations
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE	8	Higher or Secondary Education Establishments
CARDIFF UNIVERSITY	7	Higher or Secondary Education Establishments
THE UNIVERSITY OF LIVERPOOL	7	Higher or Secondary Education Establishments
KING'S COLLEGE LONDON	5	Higher or Secondary Education Establishments
GEANT LIMITED	5	Private for-profit entities (excluding Higher or Secondary Education Establishments)

THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS	5	Higher or Secondary Education Establishments
THE UNIVERSITY OF SHEFFIELD	5	Higher or Secondary Education Establishments
INSTRUCT ACADEMIC SERVICES LIMITED	5	Other
IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE	5	Higher or Secondary Education Establishments

6 CONCLUSIONS

In this deliverable we defined a methodology for the scoping of stakeholders for EOSC. Furthermore, we presented the results of desk research on the most influential organizations in each country based on their participation in previous EC projects, both e-infrastructures and RIs. We identified several roles for stakeholders based on the different service layers and we also described 7 types of stakeholders: European e-Infrastructures, Data/Research Initiatives, Cloud providers, Research funders, Cloud community, Research Communities and Institutions, Research Infrastructures (RIs) and Policy makers.

We examined existing e-infrastructures, i.e. GEANT, EGI, PRACE, EUDAT, OpenAIRE, as we consider them a basic starting point for examining main stakeholders and governance models for EOSC. We presented their governance models, which provide important experience that can be exploited in defining the governance model for EOSC.

We went deeper into our analysis of stakeholders and we identified influential stakeholders in national and EU level, by analysing the participation of EU organizations in Horizon 2020 infrastructure projects (both e-infrastructures and Research Infrastructure projects) and in selected FP7 infrastructure projects. Our analysis is based on the number of participations of each organization in the infrastructure projects. We presented our results by activity type and also by member state. This first analysis does not provide a complete and consistent mapping of the stakeholder landscape, but it enables EOSC to identify the best candidates for interviews, which is the next step in our scoping methodology. There are two main shortcomings of the existing analysis:

- Universities and research centers are over-represented. These types of organizations seek funding in EC projects more actively than companies or other public bodies and a picture of stakeholders that is based solely on participation in previous projects overestimates their impact in the research cloud ecosystem. Moreover, funders and policy makers usually do not participate in such projects and their importance is not revealed by such analysis.
- The stakeholder types we have identified and the types of organizations that are provided by the projects' descriptions do not much.

To overcome the previous problems and to provide a complete mapping of the stakeholders we will perform a series of interviews with the most influential organizations as they are revealed by the analysis presented in this deliverable. The final results will appear in the final version the stakeholder map.

ANNEX A. ANNEXES

A.1. H2020 and selected Fp7 Infrastructure projects

Infrastructure Projects			
Code	Framework	Acronym	Call Identifier
654410	h2020	JERICO-NEXT	H2020-INFRAIA-2014-2015
676627	h2020	ELITRANS	H2020-INFRADEV-1-2015-1
675680	h2020	BlueBRIDGE	H2020-EINFRA-2015-1
654190	h2020	EUNCL	H2020-INFRAIA-2014-2015
654110	h2020	HYDRALAB-PLUS	H2020-INFRAIA-2014-2015
676621	h2020	IN-SKA	H2020-INFRADEV-1-2015-1
653982	h2020	GREST	H2020-INFRADEV-1-2014-1
654124	h2020	SoNDe	H2020-INFRADEV-1-2014-1
654248	h2020	CORBEL	H2020-INFRADEV-1-2014-1
675121	h2020	VI-SEEM	H2020-EINFRA-2015-1
731001	h2020	AGINFRA PLUS	H2020-EINFRA-2016-1
654131	h2020	COOP_PLUS	H2020-INFRASUPP-2014-2
654305	h2020	EuroCirCol	H2020-INFRADEV-1-2014-1
654156	h2020	RIttrain	H2020-INFRASUPP-2014-2
654310	h2020	ODIP 2	H2020-INFRASUPP-2014-2
676531	h2020	E-CAM	H2020-EINFRA-2015-1
676536	h2020	SHARE-DEV3	H2020-INFRADEV-1-2015-1
676550	h2020	ADOPT BBMRI-ERIC	H2020-INFRADEV-1-2015-1
643410	h2020	OpenAIRE2020	H2020-EINFRA-2014-1
654367	h2020	EarthServer-2	H2020-EINFRA-2014-2
654139	h2020	LEARN	H2020-INFRASUPP-2014-2
676580	h2020	NoMaD	H2020-EINFRA-2015-1
654206	h2020	TANDEM	H2020-INFRASUPP-2014-2
731053	h2020	UBORA	H2020-INFRASUPP-2016-1
690013	h2020	ORISON	H2020-INFRASUPP-2015-2
654359	h2020	eLTER	H2020-INFRAIA-2014-2015
675419	h2020	EDISON	H2020-INFRASUPP-2015-1
675728	h2020	BioExcel	H2020-EINFRA-2015-1
654384	h2020	ASCENT	H2020-INFRAIA-2014-2015
654164	h2020	EHRI	H2020-INFRAIA-2014-2015
654113	h2020	ERIGrid	H2020-INFRAIA-2014-2015
653965	h2020	AARC	H2020-EINFRA-2014-2
654166	h2020	CREMLIN	H2020-INFRASUPP-2014-2
730913	h2020	PRACE-5IP	H2020-EINFRA-2016-1
654119	h2020	PARTHENOS	H2020-INFRADEV-1-2014-1
675858	h2020	West-Life	H2020-EINFRA-2015-1
654237	h2020	Sci-GaIA	H2020-INFRASUPP-2014-2
675570	h2020	HaS-DARIAH	H2020-INFRADEV-1-2015-1
676541	h2020	OpenDreamKit	H2020-EINFRA-2015-1
654002	h2020	ENSAR2	H2020-INFRAIA-2014-2015
646713	h2020	RICH	H2020-INFRASUPP-2014-1
675191	h2020	ESiWACE	H2020-EINFRA-2015-1
676564	h2020	EPOS IP	H2020-INFRADEV-1-2015-1
674943	h2020	READ	H2020-EINFRA-2015-1

654182	h2020	ENVRI PLUS	H2020-INFRADEV-1-2014-1
676547	h2020	COEGSS	H2020-EINFRA-2015-1
731102	h2020	HIRMEOS	H2020-EINFRA-2016-1
653493	h2020	Global BiolImaging	H2020-INFRASUPP-2014-2
674939	h2020	CESSDA-SaW	H2020-INFRADEV-1-2015-1
730941	h2020	AARC2	H2020-EINFRA-2016-1
654028	h2020	IPERION CH	H2020-INFRAIA-2014-2015
689622	h2020	ERINHA2	H2020-INFRADEV-1-2015-2
654215	h2020	AHEAD	H2020-INFRAIA-2014-2015
654003	h2020	GLOBIS-B	H2020-INFRASUPP-2014-2
654404	h2020	B3Africa	H2020-INFRASUPP-2014-2
676556	h2020	MuG	H2020-EINFRA-2015-1
730974	h2020	RISCAPE	H2020-INFRASUPP-2016-1
653980	h2020	ARISE2	H2020-INFRADEV-1-2014-1
654148	h2020	LASERLAB-EUROPE	H2020-INFRAIA-2014-2015
676247	h2020	VRE4EIC	H2020-EINFRA-2015-1
676598	h2020	MaX	H2020-EINFRA-2015-1
731063	h2020	MSO4SC	H2020-EINFRA-2016-1
674907	h2020	EVER-EST	H2020-EINFRA-2015-1
654371	h2020	ERIFORE	H2020-INFRADEV-1-2014-1
676555	h2020	EMSODEV	H2020-INFRADEV-1-2015-1
654225	h2020	MAGIC	H2020-INFRASUPP-2014-2
653194	h2020	RDA Europe	H2020-EINFRA-2014-2
676529	h2020	CLARIN-PLUS	H2020-INFRADEV-1-2015-1
654220	h2020	EUCALL	H2020-INFRADEV-1-2014-1
676559	h2020	ELIXIR-EXCELERATE	H2020-INFRADEV-1-2015-1
653961	h2020	IPAD-MD	H2020-INFRASUPP-2014-2
688945	h2020	EuBI PPII	H2020-INFRADEV-1-2015-2
676629	h2020	EoCoE	H2020-EINFRA-2015-1
654168	h2020	AIDA-2020	H2020-INFRAIA-2014-2015
731031	h2020	OPERAS-D	H2020-INFRASUPP-2016-1
653316	h2020	EVAg	H2020-INFRAIA-2014-2015
654008	h2020	EMBRIC	H2020-INFRADEV-1-2014-1
654039	h2020	THOR	H2020-EINFRA-2014-2
675451	h2020	CompBioMed	H2020-EINFRA-2015-1
654416	h2020	SESAME NET	H2020-EINFRA-2014-2
676134	h2020	CTA-DEV	H2020-INFRADEV-1-2015-1
730954	h2020	e-IRGSP5	H2020-INFRASUPP-2016-1
654142	h2020	EGI-Engage	H2020-EINFRA-2014-2
672008	h2020	EISCAT3D_PfP	H2020-INFRADEV-1-2015-1
654109	h2020	ACTRIS-2	H2020-INFRAIA-2014-2015
731049	h2020	eInfraCentral	H2020-INFRASUPP-2016-1
654024	h2020	SoBigData	H2020-INFRAIA-2014-2015
689173	h2020	pp2EMBRC	H2020-INFRADEV-1-2015-2
730988	h2020	e-ROSA	H2020-INFRASUPP-2016-1
689359	h2020	Quaco	H2020-INFRASUPP-2015-2
653706	h2020	iNEXT	H2020-INFRAIA-2014-2015
653477	h2020	ASTERICS	H2020-INFRADEV-1-2014-1
676166	h2020	ESS-SUSTAIN	H2020-INFRADEV-1-2015-1
654241	h2020	PhenoMeNal	H2020-EINFRA-2014-2

654065	h2020	EUDAT2020	H2020-EINFRA-2014-2
653782	h2020	EuPRAXIA	H2020-INFRADEV-1-2014-1
652831	h2020	AQUAEXCEL2020	H2020-INFRAIA-2014-2015
654296	h2020	MERIL-2	H2020-INFRADEV-1-2014-2
654208	h2020	EPN2020-RI	H2020-INFRAIA-2014-2015
730943	h2020	OPEN SESAME	H2020-INFRADEV-1-2016-1
731075	h2020	OpenRiskNet	H2020-EINFRA-2016-1
731011	h2020	OpenAIRE-Connect	H2020-EINFRA-2016-1
654280	h2020	RICHFIELDS	H2020-INFRADEV-1-2014-1
676553	h2020	POP	H2020-EINFRA-2015-1
654021	h2020	OpenMinTeD	H2020-EINFRA-2014-2
653549	h2020	INDIGO-DataCloud	H2020-EINFRA-2014-2
654221	h2020	SERISS	H2020-INFRADEV-1-2014-1
675206	h2020	ECCSEL	H2020-INFRADEV-1-2015-1
676548	h2020	BrightnESS	H2020-INFRADEV-1-2015-1
654387	h2020	RICAS2020	H2020-INFRADEV-1-2014-1
653838	h2020	PRACE-4IP	H2020-EINFRA-2014-2
654213	h2020	STR- ESFRI	H2020-INFRADEV-1-2014-2
654360	h2020	NFFA-Europe	H2020-INFRAIA-2014-2015
730928	h2020	InRoad	H2020-INFRADEV-1-2016-1
731016	h2020	AENEAS	H2020-INFRADEV-1-2016-1
731122	h2020	GN4-2	H2020-IBA-SGA-INFRA-GEANT-2016
654000	h2020	SINE2020	H2020-INFRADEV-1-2014-1
211753	fp7	METAFOR	FP7-INFRASTRUCTURES-2007-1
211338	fp7	SEE-GRID-SCI	FP7-INFRASTRUCTURES-2007-1
211804	fp7	EUFORIA	FP7-INFRASTRUCTURES-2007-1
212214	fp7	CESSDA-PPP	FP7-INFRASTRUCTURES-2007-1
211252	fp7	INSTRUCT	FP7-INFRASTRUCTURES-2007-1
206711	fp7	ILC-HIGRADE	FP7-INFRASTRUCTURES-2007-1
212073	fp7	GENESI-DR	FP7-INFRASTRUCTURES-2007-1
211597	fp7	EURO ARGO	FP7-INFRASTRUCTURES-2007-1
211796	fp7	ERICON-AB	FP7-INFRASTRUCTURES-2007-1
211528	fp7	PRACE	FP7-INFRASTRUCTURES-2007-1
211583	fp7	PREPARINGDARIAH	FP7-INFRASTRUCTURES-2007-1
211956	fp7	ETSF	FP7-INFRASTRUCTURES-2007-1
211714	fp7	NEUGRID	FP7-INFRASTRUCTURES-2007-1
284443	fp7	EPPN	FP7-INFRASTRUCTURES-2011-1
212147	fp7	DRIVER II	FP7-INFRASTRUCTURES-2007-1
211564	fp7	MNTEE	FP7-INFRASTRUCTURES-2007-1
211437	fp7	HPC-EUROPA++	FP7-INFRASTRUCTURES-2007-1
211909	fp7	SHARE-PREP	FP7-INFRASTRUCTURES-2007-1
212105	fp7	ELI-PP	FP7-INFRASTRUCTURES-2007-1
211737	fp7	HIPER	FP7-INFRASTRUCTURES-2007-1
211285	fp7	IRUVX-PP	FP7-INFRASTRUCTURES-2007-1
212025	fp7	LASERLAB-EUROPE CONT	FP7-INFRASTRUCTURES-2007-1
211372	fp7	LIFEWATCH	FP7-INFRASTRUCTURES-2007-1
212128	fp7	AGOS-ERI	FP7-INFRASTRUCTURES-2007-1
212104	fp7	EUROVO-AIDA	FP7-INFRASTRUCTURES-2007-1
211257	fp7	E-ELT PREP	FP7-INFRASTRUCTURES-2007-1
211928	fp7	ERA-INSTRUMENTS	FP7-INFRASTRUCTURES-2007-1

211727	fp7	EDGES	FP7-INFRASTRUCTURES-2007-1
211938	fp7	MONDILEX	FP7-INFRASTRUCTURES-2007-1
211382	fp7	FAIR	FP7-INFRASTRUCTURES-2007-1
211404	fp7	INFRAFRONTIER	FP7-INFRASTRUCTURES-2007-1
202914	fp7	NUPNET	FP7-INFRASTRUCTURES-2007-1
211738	fp7	ECRIN-PPI	FP7-INFRASTRUCTURES-2007-1
212111	fp7	BBMRI	FP7-INFRASTRUCTURES-2007-1
211693	fp7	EGI_DS	FP7-INFRASTRUCTURES-2007-1
211549	fp7	ESRFUP	FP7-INFRASTRUCTURES-2007-1
212114	fp7	SLHC-PP	FP7-INFRASTRUCTURES-2007-1
212057	fp7	ILL20/20	FP7-INFRASTRUCTURES-2007-1
211810	fp7	PIREDEU	FP7-INFRASTRUCTURES-2007-1
211604	fp7	PRE-XFEL	FP7-INFRASTRUCTURES-2007-1
211816	fp7	EMSO	FP7-INFRASTRUCTURES-2007-1
211574	fp7	ICOS	FP7-INFRASTRUCTURES-2007-1
212205	fp7	COPAL	FP7-INFRASTRUCTURES-2007-1
211743	fp7	ET	FP7-INFRASTRUCTURES-2007-1
202247	fp7	NEUTRONSOURCEESS	FP7-INFRASTRUCTURES-2007-1
211601	fp7	ELIXIR	FP7-INFRASTRUCTURES-2007-1
212109	fp7	E-FAST	FP7-INFRASTRUCTURES-2007-1

A.2. Participants in Infrastructure projects

Participants in Selected Infrastructure projects	
Participant Name	No of Projects
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	61
CONSIGLIO NAZIONALE DELLE RICERCHE	44
COMMISSIONER AL ATOMIC ENERGY AND ALTERNATIVE ENERGY	37
SCIENCE AND TECHNOLOGY FACILITIES COUNCIL	31
AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	30
MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN EV	25
FORSCHUNGSZENTRUM JULICH GMBH	23
EUROPEAN MOLECULAR BIOLOGY LABORATORY	23
ISTITUTO NAZIONALE DI FISICA NUCLEARE	20
EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH	19
BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION	19
NATURAL ENVIRONMENT RESEARCH COUNCIL	17
LUND'S UNIVERSITET	16
GREEK RESEARCH AND TECHNOLOGY NETWORK S.A.	16
UNIVERSITEIT VAN AMSTERDAM	14
THE UNIVERSITY OF EDINBURGH	14
CSC-TIETEEN TIETOTEKNIIKAN KESKUS OY	14
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE	13
INSTYTUT CHEMII BIOORGANICZNEJ PAN	13
EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH	12
HELSINKIN YLIOPISTO	12
STIFTUNG DEUTSCHES ELEKTRONEN-SYNCHROTRON DESY	12

THE UNIVERSITY OF MANCHESTER	12
UPPSALA UNIVERSITET	11
STICHTING EGI	11
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD	11
KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN - KNAW	11
KOBENHAVNS UNIVERSITET	10
DANMARKS TEKNISKE UNIVERSITET	10
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	10
Karlsruher Institut fuer Technologie	9
PAUL SCHERRER INSTITUT	9
UNIVERSITY COLLEGE LONDON	9
DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV	9
ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA	9
BUNDESMINISTERIUM FUER BILDUNG UND FORSCHUNG	9
FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS	9
HELLENIC CENTRE FOR MARINE RESEARCH	8
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE	8
ILMATIETEEN LAITOS	8
CESNET ZAJMOVE SDRUZENI PRAVNICKYCH OSOB	8
ISTITUTO NAZIONALE DI ASTROFISICA	8
INSTITUT FRANCAIS DE RECHERCHE POUR L'EXPLOITATION DE LA MER	8
MEDICAL RESEARCH COUNCIL	8
TARTU ULIKOO	7
CONSORZIO INTERUNIVERSITARIO RISONANZE MAGNETICHE DI METALLO PROTEINE	7
CENTRO DE INVESTIGACIONES ENERGETICAS, MEDIOAMBIENTALES Y TECNOLOGICAS-CIEMAT	7
UNIVERZA V LJUBLJANI	7
CARDIFF UNIVERSITY	7
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)	7
NEDERLANDSE ORGANISATIE VOOR WETENSCHAPPELIJK ONDERZOEK	7
CINECA CONSORZIO INTERUNIVERSITARIO	7
THE UNIVERSITY OF LIVERPOOL	7
UNIVERSITAET BREMEN	7
BIOBANKS AND BIOMOLECULAR RESOURCES RESEARCH INFRASTRUCTURE CONSORTIUM (BBMRI-ERIC)	7
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE	7
TECHNISCHE UNIVERSITEIT DELFT	7
AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE	7
GSI HELMHOLTZZENTRUM FUER SCHWERIONENFORSCHUNG GmbH	7
NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU	7
ATHENA RESEARCH AND INNOVATION CENTER IN INFORMATION COMMUNICATION & KNOWLEDGE TECHNOLOGIES	7
NATIONAL UNIVERSITY OF IRELAND, GALWAY	6
EUROPEAN SYNCHROTRON RADIATION FACILITY	6
THE CYPRUS INSTITUTE	6
KUNGLIGA TEKNISKA HOEGSKOLAN	6
NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	6
GENIKI GRAMMATIA EREVNAS KAI TECHNOLOGIAS	6
UNIVERSITETET I BERGEN	6

UNIVERSITE DE GENEVE	6
UNIVERSITEIT UTRECHT	6
UNIVERSITEIT GENT	6
FYZIKALNI USTAV AV CR V.V.I	6
KAROLINSKA INSTITUTET	6
GEORG-AUGUST-UNIVERSITAT GOTTINGENSTIFTUNG OFFENTLICHEN RECHTS	6
SURFSARA BV	6
UNIWERSYTET WARSZAWSKI	6
ELETTRA - SINCROTRONE TRIESTE SCPA	6
AALTO-KORKEAKOULUSAATIO	6
STICHTING LIBER	6
AKADEMIA GORNICZO-HUTNICZA IM. STANISLAWA STASZICA W KRAKOWIE	6
HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT GMBH	6
RUDER BOSKOVIC INSTITUTE	6
FORSCHUNGSVERBUND BERLIN EV	6
VILNIAUS UNIVERSITETAS	6
KONINKLIJK NEDERLANDS METEOROLOGISCH INSTITUUT-KNMI	5
GEANT LIMITED	5
ISTITUTO NAZIONALE DI OCEANOGRAFIA E DI GEOFISICA SPERIMENTALE	5
KING'S COLLEGE LONDON	5
VERENIGING VOOR CHRISTELIJK HOGER ONDERWIJS WETENSCHAPPELIJK ONDERZOEK EN PATIENTENZORG	5
INSTITUTO NACIONAL DE TECNICA AEROESPACIAL	5
OESTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN	5
MARINE INSTITUTE	5
EISCAT SCIENTIFIC ASSOCIATION	5
UNIVERSITAET STUTTGART	5
NEMZETI INFORMACIOS INFRASTRUKTURA FEJLESZTESI IRODA	5
INSTITUTO DE SALUD CARLOS III	5
EUROPEAN SPALLATION SOURCE ESS AB	5
LABORATORIO DE INSTRUMENTACAO E FISICA EXPERIMENTAL DE PARTICULAS	5
IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE	5
MAGYAR TUDOMANYOS AKADEMIA WIGNER FIZIKAI KUTATOKOZPONT	5
RIJKSUNIVERSITEIT GRONINGEN	5
THE UNIVERSITY OF SHEFFIELD	5
FUNDACIO CENTRE DE REGULACIO GENOMICA	5
FUNDACAO PARA A CIENCIA E A TECNOLOGIA	5
INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE	5
VETENSKAPSRADET - SWEDISH RESEARCH COUNCIL	5
ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM	5
STICHTING VU	5
THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS	5
INSTITUT MAX VON LAUE - PAUL LANGEVIN	5
SURFnet bv	5
STICHTING WAGENINGEN RESEARCH	5
STIFTELSEN SINTEF	5
INSTRUCT ACADEMIC SERVICES LIMITED	5
JRC -JOINT RESEARCH CENTRE- EUROPEAN COMMISSION	5
ETHNIKO IDRYMA EREVNON	5

INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	4
WEIZMANN INSTITUTE OF SCIENCE	4
RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN	4
UNIVERSITETET I TROMSOE	4
LATVIJAS UNIVERSITATE	4
ACADEMISCH ZIEKENHUIS LEIDEN	4
UNIVERSITAT LINZ	4
UNIVERSIDAD DE GRANADA	4
VLAAMS INSTITUUT VOOR DE ZEE VZW	4
UNIVERSITA TA MALTA	4
VYSOKA SKOLA BANSKA - TECHNICKA UNIVERZITA OSTRAVA	4
"INSTITUTUL NATIONAL DE CERCETARE -DEZVOLTARE PENTRU FIZICA SI INGINERIE NUCLEARA ""HORIA HULUBEI"" (IFIN-HH)"	4
FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA)	4
UNIVERSITA' DEGLI STUDI DI MILANO-BICOCCA	4
UNIVERSITA DEGLI STUDI DI MILANO	4
LUDWIG-MAXIMILIANS-UNIVERSITAET MUENCHEN	4
UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN	4
AARHUS UNIVERSITET	4
UNIVERSIDADE DO MINHO	4
UNIVERSIDADE DE COIMBRA	4
GROUPEMENT D INTERET PUBLIC POUR LERESEAU NATIONAL DE TELECOMMUNICATIONS POUR LA TECHNOLOGIE L ENSEIGNEMENT ET LA RECHERCHE	4
MACHBA - INTERUNIVERSITY COMPUTATION CENTER	4
THE UNIVERSITY OF READING	4
FUNDACAO DA FACULDADE DE CIENCIAS DA UNIVERSIDADE DE LISBOA FP	4
INFRAFRONTIER GMBH	4
HERMANN VON HELMHOLTZ-GEMEINSCHAFT DEUTSCHER FORSCHUNGZENTREN EV	4
UNIVERSIDAD DEL PAIS VASCO EHU UPV	4
UMWELTBUNDESAMT GMBH	4
GOTTFRIED WILHELM LEIBNIZ UNIVERSITAET HANNOVER	4
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	4
AGENZIA PER LA PROMOZIONE DELLA RICERCA EUROPEA	4
UNIVERSITAT WIEN	4
MEDIZINISCHE UNIVERSITAT GRAZ	4
UNIVERSITATEA DIN BUCURESTI	4
AGRO-KNOW IKE	4
JACOBS UNIVERSITY BREMEN GGMBH	4
CENTRE EUROPEEN DE RECHERCHE ET DE FORMATION AVANCEE EN CALCUL SCIENTIFIQUE	4
SYNCHROTRON SOLEIL SOCIETE CIVILE	4
THE UNIVERSITY OF NOTTINGHAM	4
TRUST-IT SERVICES LIMITED	4
GOETEBORGSS UNIVERSITET	4
GEANT VERENIGING	4
KORMANYZATI INFORMATIKAI FEJLESZTESI UGYNOKSEG	4
ENGINEERING - INGEGNERIA INFORMATICA SPA	4
THE UNIVERSITY OF BIRMINGHAM	4
THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN	4
NATIONAL OBSERVATORY OF ATHENS	4

UNIVERSITEIT LEIDEN	4
MET OFFICE	4
PARTNERSHIP FOR ADVANCED COMPUTINGIN EUROPE AISBL	4
CENTRO DE CIENCIAS DO MAR DO ALGARVE	4
UNIVERSITAT DE BARCELONA	4
USTAV MOLEKULARNI GENETIKY AKADEMIE VED CESKE REPUBLIKY VEREJNA VYZKUMNA INSTITUCE	4
UNIVERSITY OF YORK	4
Masarykova univerzita	4
FOUNDAZIONE CENTRO EURO-MEDITERRANEO SUI CAMBIAMENTI CLIMATICI	3
THE HEBREW UNIVERSITY OF JERUSALEM	3
THE UBUNTUNET ALLIANCE FOR RESEARCH AND EDUCATION NETWORKING	3
METEO-FRANCE	3
FONDATION EUROPEENNE DE LA SCIENCE	3
SIB INSTITUT SUISSE DE BIOINFORMATIQUE	3
THE OPEN UNIVERSITY	3
STICHTING KATHOLIEKE UNIVERSITEIT	3
CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE SCIENZE FISICHE DELLA MATERIA	3
PIN SOC.CONS. A R.L. - SERVIZI DIDATTICI E SCIENTIFICI PER L'UNIVERSITA DI FIRENZE	3
COOPERACION LATINOAMERICANA DE REDES AVANZADAS	3
STICHTING SURF	3
RANNSOKNAMIDSTOD ISLANDS	3
COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH	3
NORSK INSTITUTT FOR LUFTFORSKNING	3
STICHTING KATHOLIEKE UNIVERSITEIT BRABANT UNIVERSITEIT VAN TILBURG	3
CONSORTIUM GARR	3
RESEARCH AND EDUCATIONAL NETWORKING ASSOCIATION OF MOLDOVA	3
RHEINISCHE FRIEDRICH-WILHELMUS-UNIVERSITAT BONN	3
STICHTING ASTRON, NETHERLANDS INSTITUTE FOR RADIO ASTRONOMY	3
ECRIN EUROPEAN CLINICAL RESEARCH INFRASTRUCTURE NETWORK	3
STAZIONE ZOOLOGICA ANTON DOHRN	3
RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG	3
EBERHARD KARLS UNIVERSITAET TUEBINGEN	3
STICHTING NEDERLANDSE WETENSCHAPPELIJK ONDERZOEK INSTITUTEN	3
SERVICE PUBLIC FEDERAL DE PROGRAMMATION POLITIQUE SCIENTIFIQUE	3
CESSDA AS	3
CHALMERS TEKNiska HOEGSKOLA AB	3
TEL AVIV UNIVERSITY	3
Teknologian tutkimuskeskus VTT Oy	3
CLARIN ERIC	3
TECHNISCHE UNIVERSITAT DARMSTADT	3
TECHNISCHE UNIVERSITAET MUENCHEN	3
SUOMEN YMPARISTOKESKUS	3
EUROPEAN SOCIAL SURVEY EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM	3
OULUN YLIOPISTO	3
EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM FOR THE SURVEY OF HEALTH, AGEING AND RETIREMENT IN EUROPE	3
DIGITAL RESEARCH INFRASTRUCTURE FOR THE ARTS AND HUMANITIES	3
EUROPEAN CENTRE FOR MEDIUM-RANGE WEATHER FORECASTS	3
Euro-Mediterranean Seismological Centre	3

CONSORCIO PARA LA CONSTRUCCION EQUIPAMIENTO Y EXPLOTACION DEL LABORATORIO DE LUZ SINCROTRON	3
CONSORCIO PARA LA CONSTRUCCION, EQUIPAMIENTO Y EXPLOTACION DE LA SEDE ESPANOLA DE LA FUENTE EUROPEA DE NEUTRONES POR ESPALACION	3
CESKE VYSOKE UCENI TECHNICKE V PRAZE	3
EUROPEAN SPACE AGENCY	3
JOINT INSTITUTE FOR V.L.B.I. IN EUROPE (J.I.V.E.)	3
LINKOPINGS UNIVERSITET	3
UNIVERSITETET I OSLO	3
UNIVERSITEIT TWENTE	3
JAVNA USTANOVA UNIVERZITET CRNE GORE PODGORICA	3
ARISTOTELIO PANEPISTIMIO THESSALONIKIS	3
JISC LBG	3
UNIVERSITY OF DUNDEE	3
ASSOCIATION INTERNATIONALE EXTREME-LIGHT-INFRASTRUCTURE DELIVERY CONSORTIUM	3
HAVFORSKNINGSIINSTITUTTET	3
GEORGIAN RESEARCH AND EDUCATIONAL NETWORKING ASSOCIATION	3
ATOS SPAIN SA	3
GENOME RESEARCH LIMITED	3
UNIVERSITATEA DE VEST DIN TIMISOARA	3
FUNDACION PARA EL DESARROLLO DE LA INVESTIGACION EN GENOMICA Y PROTEOMICA	3
UNIVERSITA DEGLI STUDI DI TORINO	3
FUNDACION CENTRO NACIONAL DE INVESTIGACIONES ONCOLOGICAS CARLOS III	3
JOHANNES GUTENBERG-UNIVERSITAT MAINZ	3
INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS	3
INSTITUT JOZEF STEFAN	3
ZNANSTVENORAZISKOVALNI CENTER SLOVENSKE AKADEMIJE ZNANOSTI IN UMETNOSTI	3
INSTITUT PASTEUR	3
INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT	3
INSTITUTE FOR INFORMATICS AND AUTOMATION PROBLEMS OF THE NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF ARMENIA	3
ABO AKADEMI	3
ISTANBUL TEKNIK UNIVERSITESI	3
WAGENINGEN UNIVERSITY	3
GESIS - LEIBNIZ INSTITUT FUR SOZIALWISSENSCHAFTEN e.V.	3
VEREIN ZUR FOERDERUNG EINES DEUTSCHEN FORSCHUNGNETZES DFN VEREIN E.V.	3
INSTITUTE OF NUCLEAR RESEARCH AND NUCLEAR ENERGY - BULGARIAN ACADEMY OF SCIENCES	3
UNIVERZITET U BEOGRADU	3
HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL- UND KUSTENFORSCHUNG GMBH	3
UNIVERSITY OF STRATHCLYDE	3
UNIVERSITY OF LEEDS	3
UNIVERSITY OF GLASGOW	3
WEST AND CENTRAL AFRICAN RESEARCH AND EDUCATION NETWORK	3
BUNDESMINISTERIUM FÜR WISSENSCHAFT, FORSCHUNG UND WIRTSCHAFT	3
UNIVERSITA DEGLI STUDI DELLA TUSCIA	3
TURKIYE BILIMSEL VE TEKNOLOJIK ARASTIRMA KURUMU	3
UNINETT SIGMA2 AS	3

MAGYAR TUDOMANYOS AKADEMIA SZAMITASTECHNIKAI ES AUTOMATIZALASI KUTATO INTEZET	3
UNIVERSIDAD POLITECNICA DE MADRID	3
MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM	3
CENTRE EUROPEEN DE RECHERCHE EN BIOLOGIE ET MEDECINE	3
UNIVERSIDAD DE CANTABRIA	3
MEDIZINISCHE UNIVERSITAET WIEN	3
FREIE UNIVERSITAET BERLIN	3
BIOTECHNOLOGY AND BIOLOGICAL SCIENCES RESEARCH COUNCIL	3
CENTRE INTERNATIONAL DE RECHERCHE SUR LE CANCER	3
FONDS VOOR WETENSCHAPPELIJK ONDERZOEK-VLAANDEREN	3
INSTITUTO SUPERIOR TECNICO	2
MINISTRE DE L'EDUCATION NATIONALE, DE L'ENSEIGNEMENT SUPERIEUR ET DE LA RECHERCHE	2
INSTITUTO ESPANOL DE OCEANOGRAFIA	2
INSTITUTO DE FISICA DE ALTAS ENERGIAS	2
INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU FIZICA LASERILOR PLASMEI SI RADIATIEI	2
INSTITUTO DE CIENCIAS SOCIAIS DA UNIVERSIDADE DE LISBOA	2
INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU GEOLOGIE SI GEOECOLOGIE MARINA-GEOECOMAR	2
HELMHOLTZ-ZENTRUM FUER INFektionsforschung GMBH	2
PROVINCIA LOMBARDO VENETA ORDINE OSPEDALIERO DI SAN GIOVANNI DI DIO - FATEBENEFRATELLI	2
HELMHOLTZ-ZENTRUM DRESDEN-ROSSENDORF EV	2
ENVISCOPE GMBH, MESSTECHNIK FUER UMWELTFORSCHUNG	2
FONDAZIONE BRUNO KESSLER	2
POLITECNICO DI MILANO	2
HELMHOLTZ-ZENTRUM BERLIN FUR MATERIALIEN UND ENERGIE GMBH	2
Instytut Geofizyki Polskiej Akademii Nauk	2
INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU FIZICA PAMANTULUI	2
INSTITUT TEORETICHESKOI I EKSPERIME NTALNOI FIZIKI ITEP	2
SIGMA ORIONIS SA	2
INSTITUT NATIONAL DE L ENVIRONNEMENT ET DES RISQUES INERIS	2
MEDZINARODNE LASEROVE CENTRUM	2
SCUOLA NORMALE SUPERIORE	2
SCUOLA INTERNAZIONALE SUPERIORE DI STUDI AVANZATI DI TRIESTE	2
SCUOLA IMT (ISTITUZIONI, MERCATI, TECNOLOGIE) ALTI STUDI DI LUCCA	2
FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS FAO	2
SCHWEIZERISCHER NATIONALFONDS ZUR FORDERUNG DER WISSENSCHAFTLICHEN FORSCHUNG	2
INSTITUTE OF MATHEMATICS AND INFORMATICS AT THE BULGARIAN ACADEMY OF SCIENCE	2
INSTITUT ROYAL DES SCIENCES NATURELLES DE BELGIQUE	2
EIDGENOSSISCHE MATERIALPRUFUNGS- UND FORSCHUNGSANSTALT	2
INSTITUT ZA FIZIKU	2
ROBERT KOCH-INSTITUT	2
INSTITUTE OF APPLIED PHYSICS, RUSSIAN ACADEMY OF SCIENCES	2
MINISTERIO DE CIENCIA E INNOVACION	2
INSTITUTE OF LANDSCAPE ECOLOGY OF THE SLOVAK ACADEMY OF SCIENCES	2
EOTVOS LORAND TUDOMANYEGYETEM	2

MARIENE INFORMATIE SERVICE MARIS BV	2
METEOROLOGICAL AND ENVIRONMENTAL EARTH OBSERVATION SRL	2
EATRIS ERIC	2
LABORATORIO EUROPEO DI SPETTROSCOPIE NON LINEARI	2
HEINRICH-HEINE-UNIVERSITAET DUESSELDORF	2
JYVASKYLAN YLIOPISTO	2
Geological Survey of Denmark and Greenland	2
KAUNO TECHNOLOGIJOS UNIVERSITETAS	2
MAAT FRANCE SARL	2
EUROPEAN SOUTHERN OBSERVATORY - ESO EUROPEAN ORGANISATION FOR ASTRONOMICAL RESEARCH IN THE SOUTHERN HEMISPHERE	2
GEIE ERCIM	2
Gauss Centre for Supercomputing (GCS) e.V.	2
KONSORTIUM DEUTSCHE MEERESFORSCHUNG e.V.	2
NUCLEAR PHYSICS INSTITUTE OF THE ASCR VVI	2
FUNDACION PUBLICA GALLEGA CENTRO TECNOLOGICO DE SUPERCOMPUTACION DE GALICIA	2
EUROPEAN X-RAY FREE-ELECTRON LASERFACILITY GMBH	2
LABORATORIO NACIONAL DE ENGENHARIA CIVIL	2
FUNDACIO INSTITUT CATALA DE NANOCIENCIA I NANOTECNOLOGIA	2
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	2
FUNDACION ESPANOLA PARA LA CIENCIA Y LA TECNOLOGIA	2
FUNDACIO INSTITUT DE CIENCIES FOTONIQUES	2
LEIBNIZ INSTITUT FUER TROPOSPHAERENFORSCHUNG e.V.	2
LEIBNIZ-INSTITUT DSMZ-DEUTSCHE SAMMLUNG VON MIKROORGANISMEN UND ZELLKULTUREN GMBH	2
NATURAL HISTORY MUSEUM	2
NATIONAL RESEARCH FOUNDATION	2
FUNDACION TECNALIA RESEARCH & INNOVATION	2
EURO-ARGO ERIC	2
MINISTERIE VAN ONDERWIJS, CULTUUR EN WETENSCHAP	2
JISC COLLECTIONS AND JANET LIMITED	2
HEALTHGRID	2
FRIEDRICH LOEFFLER INSTITUT - BUNDESFORSHUNGSIINSTITUT FUER TIERGESUNDHEIT	2
HARIDUS-JA TEADUS MINISTEERIUM	2
INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM	2
Istituto Centrale per il Catalogo Unico delle biblioteche italiane e per le informazioni bibliografiche	2
ISTITUTO DI RICERCHE FARMACOLOGICHE MARIO NEGRI	2
MINISTRY OF EDUCATION YOUTH AND SPORTS	2
FUNDACAO CALOUSTE GULBENKIAN	2
FOLKHALOMYNDIGHETEN	2
HELMHOLTZ ZENTRUM POTSDAM DEUTSCHESGEOFORSCHUNGSZENTRUM GFZ	2
GRAND EQUIPEMENT NATIONAL DE CALCUL INTENSIF	2
ISTITUTO NAZIONALE PER LE MALATTIEINFETTIVE LAZZARO SPALLANZANI-ISTITUTO DI RICOVERO E CURA A CARATTERESCIENTIFICO	2
MORAVSKA ZEMSKA KNIHOVNA V BRNE	2
EUROGOOS AISBL	2
Magyar Tudomanyos Akademia Atommagkutato Intezete	2
NARODOWE CENTRUM BADAN JADROWYCH	2

FONDS NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2
FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN NUERNBERG	2
FRIEDRICH-SCHILLER-UNIVERSITAT JENA	2
ETHNIKO KENTRO KOINONIKON EREVNON	2
BUNDESAMT FUR SEESCHIFFFAHRT UND HYDROGRAPHIE	2
BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES	2
THE HEALTH RESEARCH BOARD	2
UNINETT AS	2
SVERIGES METEOROLOGISKA OCH HYDROLOGISKA INSTITUT	2
SVERIGES LANTBRUKSUNIVERSITET	2
CENTRO DI RICERCA SVILUPPO E STUDI SUPERIORI IN SARDEGNA SOCIETA' A RESPONSABILITA' LIMITATA	2
STOCKHOLMS UNIVERSITET	2
CAB INTERNATIONAL	2
UNIVERSITE PARIS-SUD	2
UNIVERSITY OF BATH	2
UNIVERZITET U BANJOJ LUCI ELEKTROTEHNICKI FAKULTET	2
UNIVERSITAT POLITECNICA DE VALENCIA	2
UNIVERSITY OF BRISTOL	2
USTAV FYZIKY ATMOSFERY AV CR, v.v.i.	2
STIFTUNG DEUTSCHE GEISTESWISSENSCHAFTLICHE INSTITUTE IM AUSLAND - DGIA	2
UNIVERSIDAD DE SALAMANCA	2
UNIVERSITAT POLITECNICA DE CATALUNYA	2
STICHTING VOOR FUNDAMENTEEL ONDERZOEK DER MATERIE - FOM	2
BULL SAS	2
THE RESEARCH COMMITTEE OF THE TECHNICAL UNIVERSITY OF CRETE	2
CENTRUM VYZKUMU GLOBALNI ZMENY AV CR VVI	2
CENTRE NATIONAL D'ETUDES SPATIALES - CNES	2
THE ISRAELI MINISTRY OF SCIENCE, CULTURE AND SPORT	2
TERRADUE SRL	2
SZILARDTESTFIZIKAI ES OPTIKAI KUTATOINTEZETE - MAGYAR TUDOMANYOS AKADEMIA	2
UNIVERSIDAD POMPEU FABRA	2
UNIVERSITE DE STRASBOURG	2
UNIVERSITAET BERN	2
THE UNIVERSITY OF STIRLING	2
TECHNISCHE UNIVERSITAET WIEN	2
THE WELLCOME TRUST LIMITED	2
ASSOCIATION "NATIONAL CENTRE FOR SUPERCOMPUTING APPLICATIONS"	2
Toronto Centre for Phenogenomics Inc.	2
UNIVERSITY OF LEICESTER	2
THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS	2
UNIVERZITET U NOVOM SADU	2
UNIVERSITE DE LIEGE	2
STICHTING OOPEN*OPEN ACCESS PUBLISHING IN EUROPEAN NETWORKS	2
UNIVERSITY OF SOUTHAMPTON	2
ALFRED-WEGENER-INSTITUT HELMHOLTZ- ZENTRUM FUER POLAR- UND MEEREFORSCHUNG	2
TURUN YLIOPISTO	2
UNIVERSITY OF THE WEST OF ENGLAND, BRISTOL	2
UNIVERSITE DE LAUSANNE	2

SYNCHROTRON-LIGHT FOR EXPERIMENTAL SCIENCE AND APPLICATIONS IN THE MIDDLE EAST	2
CENTRE DE COOPERATION INTERNATIONALE EN RECHERCHE AGRONOMIQUE POUR LE DEVELOPPEMENT - C.I.R.A.D. EPIC	2
ASSOCIACAO DO INSTITUTO SUPERIOR TECNICO PARA A INVESTIGACAO E DESENVOLVIMENTO	2
UNIVERSITE CATHOLIQUE DE LOUVAIN	2
SYDDANSK UNIVERSITET	2
COMMUNICATION & INFORMATION TECHNOLOGIES EXPERTS ANONYMOS ETAIREIA SYMVOULEFTIKON KAI ANAPTYXIAKON YPIRESION	2
DEUTSCHER WETTERDIENST	2
WOJSKOWA AKADEMIA TECHNICZNA IM JAROSLAWA DABROWSKIEGO	2
DEUTSCHES KREBSFORSCHUNGZENTRUM	2
CENTRO EUROPEO DI FORMAZIONE E RICERCA IN INGEGNERIA SISMICA	2
Wroclawskie Centrum Badan EIT+ Sp z o.o.	2
BIOMEDICAL RESEARCH FOUNDATION, ACADEMY OF ATHENS	2
DEUTSCHE FORSCHUNGSGEMEINSCHAFT	2
SOFIISKI UNIVERSITET SVETI KLIMENT OHRIDSKI	2
UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA	2
UNIVERSITA DEGLI STUDI DI ROMA TOR VERGATA	2
VEDURSTOFA ISLANDS	2
UNIVERSITEIT ANTWERPEN	2
Department of Health	2
BERNHARD-NOCHT-INSTITUT FUER TROPENMEDIZIN	2
SOCIB - CONSORCIO PARA EL DISENO, CONSTRUCCION, EQUIPAMIENTO Y EXPLOTACION DEL SISTEMA DE OBSERVACION COSTERO DE LAS ILLES BALEARS	2
UNIVERSITA DI PISA	2
UNIVERSITE PIERRE ET MARIE CURIE - PARIS 6	2
DEUTSCHES KLIMARECHENZENTRUM GMBH	2
"NATIONAL CENTER FOR SCIENTIFIC RESEARCH ""DEMOKRITOS""	2
SLR ENVIRONMENTAL CONSULTING(IRELAND)LIMITED	2
SKA ORGANISATION	2
UNIVERSITAET BIELEFELD	2
SJ BERWIN LLP	2
UNIVERSITEIT MAASTRICHT	2
STICHTING DELTARES	2
SINTEF ENERGI AS	2
THE QUEEN'S UNIVERSITY OF BELFAST	2
BRUNEL UNIVERSITY LONDON	2
UNIVERSITAT AUTONOMA DE BARCELONA	2
ACADEMY OF ATHENS	2
STICHTING HET NEDERLANDS KANKER INSTITUUT-ANTONI VAN LEEUWENHOEK ZIEKENHUIS	2
UNIVERSITA DEGLI STUDI DI CATANIA	2
ACADEMISCH ZIEKENHUIS GRONINGEN	2
UNIVERSITAET MANNHEIM	2
DAASI INTERNATIONAL GMBH	2
UNIVERSITAET ZUERICH	2
UNIVERSITE LIBRE DE BRUXELLES	2
UNIVERSITETI POLITEKNIK I TIRANES	2
BIOMEDICAL SCIENCES RESEARCH CENTER ALEXANDER FLEMING	2

Ss. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE	2
ABERYSTWYTH UNIVERSITY	2
STICHTING CENTRUM VOOR WISKUNDE EN INFORMATICA	2
BIOSENSE INSTITUTE - RESEARCH AND DEVELOPMENT INSTITUTE FOR INFORMATION TECHNOLOGIES IN BIOSYSTEMS	2
UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK	2
BOGAZICI UNIVERSITESI	2
VYPOCTOVE STREDISKO SLOVENSKEJ AKADEMIE VIED	2
GLOWNY INSTYTUT GORNICTWA	1
ARCTUR RACUNALNISKI INZENIRING DOO	1
GESELLSCHAFT FUR WISSENSCHAFTLICHE DATENVERARBEITUNG MBH GOTTINGEN	1
ASOCIAȚIA ARHIVA ROMANA DE DATE SOCIALE	1
GISAT S.R.O.	1
GFI INFORMATIQUE SA	1
BABRAHAM BIOSCIENCE TECHNOLOGIES LIMITED	1
BIBLIOTHECA ALEXANDRINA*LIBRARY OF ALEXANDRIA BIBALEX	1
FUNDACION PARQUE CIENTIFICO DE MADRID-FPCM	1
BEN-GURION UNIVERSITY OF THE NEGEV	1
BELNET	1
FUNDATIA ANTARCTICA ROMANA	1
BCAM - BASQUE CENTER FOR APPLIED MATHEMATICS ASOCIACION	1
BAYERISCHES LASERZENTRUM	1
BAYERISCHE AKADEMIE DER WISSENSCHAFTEN	1
BAVARIAN ACADEMY OF SCIENCES	1
GCF - GLOBAL CLIMATE FORUM EV	1
GEOFYZIKALNI USTAV AV CR, V.V.I.	1
BANGOR UNIVERSITY	1
GESELLSCHAFT FUR BIOANALYTIK MUNSTER EV	1
GENERAL ELECTRIC (SWITZERLAND) GMBH	1
GENIAS BENELUX BV	1
B.P. KONSTANTINOV PETERSBURG NUCLEAR PHYSICS INSTITUTE	1
GEOHIRES INTERNATIONAL GMBH	1
B.I. Stepanov Institute of Physics of the National Academy of Sciences of Belarus	1
AUTORITATEA NATIONALA PENTRU CERCETARE STIINTIFICA	1
GEOPHYSICAL INSTITUTE - BULGARIAN ACADEMY OF SCIENCES	1
ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DES METHODES ET PROCESSUS INDUSTRIELS	1
ASSOCIATION POLE MER BRETAGNE	1
ASSOCIATION OF USERS OF UKRAINIAN RESEARCH AND ACADEMIC NETWORK URAN	1
ASSOCIATION OF COMMONWEALTH UNIVERSITIES	1
BASBAKANLIK AFET VE ACIL DURUM YONETIMI BASKANLIGI	1
IEEE FRANCE SECTION	1
INFORMATICS MATTERS LIMITED	1
INESC ID - INSTITUTO DE ENGENHARIA DE SISTEMAS E COMPUTADORES, INVESTIGACAO E DESENVOLVIMENTO EM LISBOA	1
INDRA SISTEMAS SA	1
ACELLERA LABS SL	1
ACONDICIONAMIENTO TARRASENSE ASOCIACION	1
ADMINISTRATIA NATIONALA DE METEOROLOGIE R.A.	1
AN TUDARAS UM ARD OIDEACHAS	1

IMAR- INSTITUTO DO MAR	1
INMARK ESTUDIOS Y ESTRATEGIAS SA	1
IDRYMA ORMYLIA	1
IDRYMA IATROVIOLGIKON EREUNON AKADEMIAS ATHINON	1
ICETA INSTITUTO DE CIENCIAS, TECNOLOGIAS E AGROAMBIENTE DA UNIVERSIDADE DO PORTO	1
IAN HARROW CONSULTING LTD	1
ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE	1
Agencia Española de Medicamentos y Productos Sanitarios	1
HUMBOLDT-UNIVERSITAET ZU BERLIN	1
ADVANCED COMPUTER SYSTEMS A.C.S. SPA	1
INSTITUT DE RECHERCHE ET DOCUMENTATION EN ECONOMIE DE LA SANTE	1
"INSTITUTUL NATIONAL PENTRU STUDIEREA HOLOCAUSTULUI DIN ROMANIA ""ELIE WIESEL"""	1
"SWIETOKRZYSKA ACADEMY, INSTITUTE OF PHYSICS"	1
"The Republic Hydrometeorological Institute" of the Republic of Montenegro	1
52°North Initiative for Geospatial Open Source Software GmbH	1
A.D.S. INTERNATIONAL SRL	1
INSTITUT EKONOMSKIH NAUKA	1
A.V. SHUBNIKOV INSTITUTE OF CRYSTALLOGRAPHY RUSSIAN ACADEMY OF SCIENCES	1
INFOTERRA LIMITED	1
AALBORG UNIVERSITET	1
ACADEMIA SINICA	1
INSTITUT CURIE	1
INSTITOUTO GEOLOGIKON KAI METALLEFTIKON EREVNON	1
INSERM - TRANSFERT SA	1
INRA TRANSFERT S.A.	1
AARNET PTY LTD	1
INMARK EUROPA SA	1
HR WALLINGFORD LIMITED	1
INSTITUT D'ESTUDIS ESPACIALS DE CATALUNYA FUNDACION	1
GROUPEMENT INTERET PUBLIC ARRONAX	1
HRVATSKA AKADEMSKA I ISTRAZIVACKA MREZA CARNET	1
ALMA SISTEMI SAS DI DI IORIO ALESSIO & C	1
HBI HAERTER GMBH	1
AMRA - ANALISI E MONITORAGGIO DEL RISCHIO AMBIENTALE SCARL	1
HARIDUSE INFOTEHNOLOGIA SIHTASUTUS	1
HAMBURGISCHE SCHIFFBAU-VERSUCHSANSTALT GMBH	1
GTD SISTEMAS DE INFORMACION SA	1
ALMA MATER STUDIORUM-UNIVERSITA DI BOLOGNA	1
GS1 DENMARK FORENING	1
ALL-RUSSIAN RESEARCH INSTITUTE OF HYDROMETEOROLOGICAL INFORMATION-WORLD DATA CENTRE	1
ANDOYA SPACE CENTER AS	1
GRAND NATIONAL EQUIPMENT INTENSIVE COMPUTING	1
AquaTT UETP Ltd	1
ARAB STATES RESEARCH AND EDUCATION NETWORK ASREN GEMEENNUTZIGE GMBH	1
ARCHIVES GENERALES DU ROYAUME ET ARCHIVES DE L'ETAT DANS LES PROVINCES	1
ARCOPTIX SA	1
ARCTIC AND ANTARCTIC RESEARCH INSTITUTE	1

ANDOR TECHNOLOGY LIMITED	1
AIT Austrian Institute of Technology GmbH	1
GRAND ACCELERATEUR NATIONAL D'IONS LOURDS	1
HOSPITAL CLINIC I PROVINCIAL DE BARCELONA	1
AGENZIA SPAZIALE ITALIANA	1
HIGH PERFORMANCE COMPUTING WALES	1
AGILEWORKS OU	1
AGRICULTURAL RESEARCH COUNCIL (ARC)	1
HERCULESSTICHTING	1
HEANET LT	1
AIRBUS OPERATIONS SAS	1
Agentia de Administrare a Retelei Nationale de Informatica Pentru Educatie si Cercetare	1
HELMHOLTZ-ZENTRUM FUER UMWELTFORSCHUNG GMBH - UFZ	1
AKADEMSKA RAZISKOVALNA MREZA SLOVENIJE	1
AKER ARCTIC TECHNOLOGY OY	1
ALLEANZA CONTRO IL CANCRO	1
ALLINEA SOFTWARE LIMITED	1
HELMHOLTZ ZENTRUM FUR OZEANFORSCHUNG KIEL	1
HELLENIC PASTEUR INSTITUTE	1
Airbus Operations Limited	1
ERNST & YOUNG ABOGADOS SLP	1
ENEL INGEGNERIA E RICERCA SPA	1
ETHNIKO KENTRO VIOSIMIS KAI AEIFOROU ANAPTYXIS	1
ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	1
ETH ZURICH	1
ESS MAGYARORSZAG EUROPAT ANYAGTUDOM ANYI NANOTECHNILOGIAI ES MOLEKULARI S BIOLOGIAI KUTATOKOZPONT NONPROFIT KFT*ESS HUNGARY NC	1
CONSORZIO ITALIANO PER LA RICERCA MEDICA	1
CONSORTIUM UNIVERSITAIRE DE PUBLICATIONS NUMERIQUES COUPERIN	1
E-SCIENCE DATA FACTORY	1
CONSORCIO PARA EL DISENO, CONSTRUCCION, EQUIPAMIENTO Y EXPLOTACION DE LA PLATAFORMA OCEANICA DE CANARIAS	1
ERASMUS UNIVERSITEIT ROTTERDAM	1
CONSORZIO TOP-IX - TORINO E PIEMONTE EXCHANGE POINT	1
CORIOLYS	1
CORPORACION RED NACIONAL ACADEMICA DE TECNOLOGIA AVANZADA	1
Environmental Engineering and Meteorological Services - SEWA South Environment and Weather Agency LTD	1
ENTIDAD PUBLICA EMPRESARIAL RED.ES	1
Budker Institute of Nuclear Physics of SB RUS	1
Consortio per l'attuazione del Programma Nazionale di Ricerche in Antartide Scrl	1
CONFERENCE DES REGIONS PERIPHERIQUES MARITIMES D EUROPE - ASSOCIATION	1
COAR E.V.	1
COLLECTE LOCALISATION SATELLITES SA	1
COLLEGE OF SCIENCE AND TECHNOLOGY UNIVERSITY OF COIMBRA	1
EUROPEAN RESEARCH SERVICES GMBH	1
COMISSAO DE COORDENACAO E DESENVOLVIMENTO REGIONAL DO CENTRO	1
COMMUNICATIONS, CLIMATE ACTION AND ENVIRONMENTS	1
ETT SPA	1
COMUNITA AMBIENTE SRL	1

ELSEVIER BV	1
EUROPEAN GRAVITATIONAL OBSERVATORY(EGO) (OSSERVATORIO GRAVITAZIONALE EUROPEO)	1
EUROPEAN FUTURE INNOVATION SYSTEM CENTRE	1
EUROPEAN FOOD INFORMATION RESSOURCE AISBL	1
EUROPEAN FOOD INFORMATION COUNCIL	1
European Distributed Energy Resources Laboratories e.V.	1
European Aquaculture Technology and Innovation Platform	1
Consorcio Ecuatoriano para el Desarrollo de Internet Avanzado	1
EUROPEAN ORGANISATION FOR RESEARCH AND TREATMENT OF CANCER AISBL	1
DIREKTION DER JUSTIZ UND DES INNERN	1
CORPORACION RED UNIVERSITARIA NACIONAL	1
E4 COMPUTER ENGINEERING SPA	1
DURAND DOMINIQUE, DENIS, FABRICE	1
DOUGLAS CONNECT GMBH	1
DOKUZ EYLUL UNIVERSITESI	1
DOKUMENTACNE STREDISKO HOLOKAUSTU OBCIANSKE ZDRUZENIE	1
DEPARTAMENT DE SALUT - GENERALITAT DE CATALUNYA	1
DNV GL NETHERLANDS B.V.	1
EBG (Entwicklungs- und Betriebsgesellschaft) MedAustron GmbH	1
DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT	1
DEUTSCHES INSTITUT FUER LEBENSMITTELTECHNIK	1
DIOZESE PASSAU	1
DIENST VOOR WETENSCHAPPELIJKE EN TECHNISCHE INFORMATIE- SERVICE D'INFORMATION SCIENTIFIQUE ET TECHNIQUE	1
DIAMOND LIGHT SOURCE LIMITED	1
DIALOGIK GEMEINNUETZIGE GESELLSCHAFT FUER KOMMUNIKATIONS- UND KOOPERATIONSFORSCHUNG mbH	1
DHI	1
Doerner Institut, Bayerische Staatsgemäldesammlungen	1
EGEZSEGUGY MINISZTERIUMI	1
Corporacion Universitaria para el Desarrollo de Internet, A.C	1
ELSAAG DATAMAT S.P.A.	1
ELI-HU KUTASI ES FEJLESZTESI NONPROFIT KOZHASZNU KORLATOLT FELELOSSEGU TARSASAG	1
CS SYSTEMES D'INFORMATION SA	1
ELEKTROTEHNICKI FAKULTET UNIVERZITET U BEOGRADU	1
CSC-IT Center for Science Ltd.	1
EARLHAM INSTITUTE	1
CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA - RECHERCHE ET DEVELOPPEMENT	1
CINES	1
DAR ES SALAAM INSTITUTE OF TECHNOLOGY	1
DATACTE – INTERNATIONAL DATA CITATION INITIATIVE	1
DE LA CUEVA GONZALEZ COTERA JAVIER	1
DEBRECENI EGYESUM	1
ECOLE POLYTECHNIQUE	1
ECOLE NORMALE SUPERIEURE DE LYON	1
DEMOCRITUS UNIVERSITY OF THRACE	1
EIGEN VERMOGEN VAN HET INSTITUUT VOOR NATUUR- EN BOSONDERZOEK	1

CBK SCI CON LIMITED	1
CLOUDWEAVERS LTD	1
FRONTIERS MEDIA SA	1
BUNDESANSTALT FUER GEOWISSENSCHAFTEN UND ROHSTOFFE	1
BUNDESARCHIV	1
BUNDESMINISTERIUM FUER RISIKOBEWERTUNG	1
CAP DIGITAL	1
BULGARSKI ANTARKTICHESKI INSTITUT ASSOCIATION	1
CARRIBEAN KNOWLEDGE AND LEARNING NETWORK FOUNDATION LIMITED	1
BULGARIAN RESEARCH AND EDUCATION NETWORK	1
FORWARD TECHNOLOGIES AB	1
FORSCHUNGSZENTRUM KARLSRUHE GMBH	1
CENTRE DE RECHERCHE EN AERONAUTIQUE ASBL - CENAERO	1
CENTRE D'ETUDES ET DE DOCUMENTATION GUERRE ET SOCIETES CONTEMPORAINES / HET STUDIE- EN DOCUMENTIECENTRUM OORLOG EN HEDENDAAGSE MAATSCHAPPIJ	1
CENTRE EUROPEEN POUR LA NUTRITION ET LA SANTE	1
CENTRE FOR RENEWABLE ENERGY SOURCES AND SAVING FONDATION	1
CENTRE NATIONAL DE LA CARTOGRAPHIEET DE LA TELEDETECTION	1
FOUNDATION UNIVERSITY COMPUTER CENTER AMSTERDAM (SARA)	1
FUNDACION AZTI - AZTI FUNDAZIOA	1
FUNDACION PARA EL DESARROLLO DE LA CIENCIA Y LA TECNOLOGIA EN EXTREMADURA	1
BIO BASE EUROPE PILOT PLANT VZW	1
FUNDACION PARA EL CONOCIMIENTO MADRIMASD	1
BIOCEV z.s.p.o.	1
FUNDACION DE LA COMUNIDAD VALENCIANA CENTRO DE INVESTIGACION PRINCIPEFELIPE	1
Fundación Ciudad de la Energía	1
FTK FORSCHUNGSIINSTITUT FUR TELEKOMMUNIKATION UND KOOPERATION EV	1
FUNDACION CENTRO DE ESTUDIOS AMBIENTALES DEL MEDITERRANEO	1
CENTRO DE ESTUDIOS Y EXPERIMENTACION DE OBRAS PUBLICAS - CEDEX	1
FUNDACIO PRIVADA PARC DE RECERCA UAB	1
FUNDACIO INSTITUT MAR D INVESTIGACIONS MEDIQUES IMIM	1
BLUE LOBSTER IT LIMITED	1
BRITISH AIRWAYS	1
BRITISH MUSEUM	1
BRUKER BIOSPIN GMBH	1
FUNDACAO GASPAR FRUTUOSO	1
FUNDACION CENTRO DE ESTUDIOS MONETARIOS Y FINANCIEROS	1
CF CONSULTING FINANZIAMENTI UNIONE EUROPEA SRL	1
FACULTY OF ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGIES - SS CYRIL AND METHODIUS UNIVERSITY - SKOPJE	1
FACULDADE CIENCIAS E TECNOLOGIA DA UNIVERSIDADE DE COIMBRA	1
FACILITY FOR ANTIPIRON AND ION RESEARCH IN EUROPE GMBH	1
FACHHOCHSCHULE POTSDAM	1
EXPERT SYSTEM IBERIA SL	1
EVOTEC AG*	1
FONDAZIONE TELETHON	1
CESKY HYDROMETEOROLOGICKY USTAV	1
FEDERAL STATE BUDGETARY SCIENTIFIC INSTITUTION CHUMAKOV INSTITUTE OF POLIOMYELITIS AND VIRAL ENCEPHALITIDES	1
EUROPEAN UNIVERSITY INSTITUTE	1

European University Cyprus	1
CHARITE - UNIVERSITAETS MEDIZIN BERLIN	1
CHARLES BEAGRIE LIMITED	1
EUROPEAN UNION SATELLITE CENTRE	1
CHERENKOV TELESCOPE ARRAY OBSERVATORY GEMEINNUTZIGE GMBH	1
FUNDACION PARA EL FOMENTO DE LA INVESTIGACION SANITARIA Y BIOMEDICA DELA COMUNITAT VALENCIANA	1
EUROPEJSKIE REGIONALNE CENTRUM EKOHYDROLOGII POLSKIEJ AKADEMII NAUK	1
FOLKEHELSEINSTITUTTET	1
CLIMPACT SAS	1
CENTRO DE INVESTIGACIONES SOCIOLOGICAS	1
FONDAZIONE CENTRO DI DOCUMENTAZIONE EBRAICA CONTEMPORANEA -CDEC - ONLUS	1
Centro de Laseres Pulsados Ultracortos Ultraintensos	1
FONDATION SUISSE POUR LA RECHERCHE EN SCIENCES SOCIALES	1
Fondation RESTENA	1
FONDATION MERIEUX	1
FACULTY OF NATURAL SCIENCES, UNIVERSITY OF BANJA LUKA	1
CENTRUM BADAN KOSMICZNYCH POLSKIEJ AKADEMII NAUK	1
FACULTY OF SCIENCE UNIVERSITY OF ZAGREB	1
FOLDMERESI ES TAVERZEKELESI INTEZET	1
FLUIDION	1
FinnMedi Oy	1
CENTRUM VEDECKO TECHNICKYCH INFORMACII SLOVENSKEJ REPUBLIKY	1
FEDERATION HOSPITALIERE DE FRANCE	1
FEDERALNI HIDROMETEOROLOSKI ZAVOD	1
FONDAZIONE ISTITUTO PER L'INTERSCAMBIO SCIENTIFICO (I.S.I.)	1
CENTRUM ASTRONOMICZNE IM. MIKOŁAJA KOPERNIKA POLSKIEJ AKADEMII NAUK	1
TECHNISCHE UNIVERSITEIT EINDHOVEN	1
THE ENGINEERING AND PHYSICAL SCIENCES RESEARCH COUNCIL	1
THE CZECH SCIENCE FOUNDATION	1
THE COSMO COMPANY SAS	1
THE BRITISH LIBRARY BOARD	1
THE AUSTRALIAN NATIONAL UNIVERSITY	1
THALES ALENIA SPACE ITALIA SPA	1
TERVEYDEN JA HYVINVOINNIN LAITOS	1
TERATEC	1
TEKNOLOGISK INSTITUT	1
TEIN COOPERATION CENTER FOUNDATION	1
KUNGLIGA BIBLIOTEKET	1
TECHNOLOGICAL EDUCATIONAL INSTITUTE OF CRETE	1
THE JEWISH MUSEUM OF GREECE	1
TECHNISCHE UNIVERSITAT BRAUNSCHWEIG	1
TECHNISCHE UNIVERSITAET KAISERSLAUTERN	1
TECHNISCHE UNIVERSITAET GRAZ	1
TECHNISCHE UNIVERSITAET BERLIN	1
TARTU OBSERVATORY - ESTONIAN MINISTRY OF EDUCATION AND RESEARCH	1
TARKI TARSADALOMKUTATASI INFORMATIKA EGYESULES	1
TARKI ALAPITVANY	1
TAMPEREEN YLIOPISTO	1
SZKOŁA WYZSZA PSYCHOLOGII SPOŁECZNEJ	1

SZEGEDI TUDOMANYEGYETEM	1
TECHNOLOGICKE CENTRUM AKADEMIE VED CESKE REPUBLIKY	1
THE UNIVERSITY OF WARWICK	1
UNITED INSTITUTE OF INFORMATICS PROBLEMS OF NATIONAL ACADEMY OF SCIENCES OF BELARUS	1
UNI RESEARCH AS	1
UKRAINIAN LINGUA- INFORMATION FUND OF THE NATIONAL ACADEMY OF SCIENCES OF UKRAINE	1
UK BIOBANK LIMITED	1
UGANDA INDUSTRIAL RESEARCH INSTITUTE	1
UBIQUITY PRESS LIMITED	1
TUNATECH GMBH	1
TTY-SAATIO	1
T-SYSTEMS INTERNATIONAL GMBH	1
TRUSTEES OF PRINCETON UNIVERSITY	1
THE HENRYK NIEWODNICZANSKI INSTITUTE OF NUCLEAR PHYSICS, POLISH ACADEMY OF SCIENCES	1
THE UNIVERSITY OF WESTMINSTER	1
THE J. PAUL GETTY TRUST	1
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	1
THE UNIVERSITY OF HUDDERSFIELD	1
THE UNIVERSITY OF EXETER	1
THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN	1
THE UNITED STATES HOLOCAUST MEMORIAL MUSEUM	1
THE TRUSTEES OF INDIANA UNIVERSITY	1
THE SCOTTISH ASSOCIATION FOR MARINESCIENCE LBG	1
THE RESEARCH TRUST OF VICTORIA UNIVERSITY OF WELLINGTON	1
THE PIRBRIGHT INSTITUTE LBG	1
THE NATIONAL GALLERY	1
SWITCH	1
THE WIENER LIBRARY INSTITUTE OF CONTEMPORARY HISTORY LBG	1
SERVICIULUI HIDROMETEOROLOGIC DE STAT	1
SZECHENYI ISTVAN UNIVERSITY	1
SPITALUL CLINIC DR VICTOR BABES BUCURESTI - SVB	1
SP SVERIGES TEKNISKA FORSKNINGSINSTITUT AB	1
SP PROCESSUM AKTIEBOLAG	1
SOTACARBO - SOCIETA TECNOLOGIE AVANZATE CARBONE SPA	1
SOCIOLOGICKY USTAV SLOVENSKEJ AKADEMIE VIED	1
SOCIETA INTERNAZIONALE PER LO STUDIO DEL MEDIOEVO LATINO- S.I.S.M.E.L.ASSOCIAZIONE	1
SOCIEDAD PARA EL FOMENTO DE LA INNOVACION TECNOLOGICA S.L. - INNOVATEC	1
SMARTBAY IRELAND LIMITED	1
SINTEF PETROLEUM AS	1
STATENS MUSEUM FOR KUNST	1
SIMULA RESEARCH LABORATORY AS	1
STELLENBOSCH UNIVERSITY	1
SERVICE HYDROGRAPHIQUE ET OCEANOGRAPHIQUE DE LA MARINE	1
SENCKENBERG GESELLSCHAFT FUR NATURFORSCHUNG	1
Semmelweis University	1
SEAGATE SYSTEMS UK LIMITED	1

SCIENTIFIC RESEARCH NATIONAL CENTER	1
SCIENTIFIC RESEARCH INSTITUTE OF INFLUENZA OF THE MINISTRY OF HEALTHCARE AND SOCIAL DEVELOPMENT OF THE RUSSIAN FEDERATION	1
SCIENOFFICE, COMUNICACAO DE CIENCIA LDA	1
SCIENCE FOUNDATION IRELAND SFI	1
SCALPRO AS	1
Sarminfo SRL	1
SARDEGNA RICERCHE	1
SINTEF FISKERI OG HAVBRUK AS	1
STIFTESSEN GRID ARENDAL	1
UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION -UNESCO	1
SWISS NATIONAL GRID ASSOCIATION (SWING)	1
Swedish Research Council - Swedish Research Council	1
SVEUCILISTE U ZAGREBU SVEUCILISNI RACUNSKI CENTAR	1
SVEUCILISTE U ZAGREBU FILOZOFSKI FAKULTET	1
Sveuciliste u Zagreb, GRAFICKI FAKULTET	1
STOWARZYSZENIE CENTRUM BADAN NAD ZAGLADA ZYDOW	1
STIFTUNG ZUR WISSENSCHAFTLICHEN ERFORSCHUNG DER ZEITGESCHICHTE - INSTITUT FUR ZEITGESCHICHTE IFZ	1
STIFTUNG PREUSSIISCHER KULTURBESITZ	1
STIFTUNG INTERNATIONAL SPACE SCIENCE INSTITUTE	1
STATENS ARKIVER	1
STIFTESSEN NORSTAR	1
SYNGENTA LIMITED	1
STICHTING SRON NETHERLANDS INSTITUTE FOR SPACE RESEARCH	1
STICHTING ORFEUS	1
STICHTING NIOZ, KONINKLIJK NEDERLANDS INSTITUUT VOOR ONDERZOEK DER ZEE	1
STICHTING NETHERLANDS BIOINFORMATICS CENTRE	1
STICHTING NATIONALE COMPUTERFACILITEITEN	1
STICHTING KANKERREGISTER - FONDATION REGISTRE DU CANCER	1
STICHTING INTERNATIONAL LOFAR TELESCOPE	1
STICHTING EUROPEAN SERVICE NETWORK OF MATHEMATICS FOR INDUSTRY AND INNOVATION	1
STICHTING EIFL.NET	1
STICHTING ALMEREGRID	1
STICHTING ACADEMISCH REKENCENTRUM AMSTERDAM (SARA)	1
STIFTESSEN NORSK INSTITUTT FOR NATURFORSKNING NINA	1
UNIVERSITY OF NIS- FACULTY OF ELECTRONIC ENGINEERING	1
UNIVERSITETET I STAVANGER	1
UNIWERSYTET PRZYRODNICZY W POZNANIU	1
UNIWERSYTET MIKOŁAJA KOPERNIKA W TORUNIU	1
UNIWERSYTET JAGIELLOŃSKI	1
UNIVERZITET U KRAGUJEVCU	1
UNIVERZITA PAVLA JOZefa SAFARIKA V KOSICIACH	1
UNIVERZITA KOMENSKEHO V BRATISLAVE	1
UNIVERZITA KARLOVA V PRAZE	1
UNIVERZA V NOVI GORICI	1
UNIVERSITY OF THE WESTERN CAPE	1
URANUS COMPUTING LTD	1
UNIVERSITY OF STRASBOURG	1

USTAV FYZIKALNI CHEMIE J. HEYROVSKHO AV CR, v. v. i.	1
UNIVERSITY OF LONDON	1
UNIVERSITY OF KEELE	1
UNIVERSITY OF HULL	1
UNIVERSITY OF GRONINGEN	1
UNIVERSITY OF ESSEX	1
UNIVERSITY OF CYPRUS	1
UNIVERSITY OF CAPE TOWN	1
UNIVERSITY OF ANTANANARIVO	1
UNIVERSITY LOUIS PASTEUR	1
UNIVERSITI PUTRA MALAYSIA	1
UNITED KINGDOM ATOMIC ENERGY AUTHORITY	1
UNIVERSITY OF SURREY	1
WESTFAELISCHE WILHELMS-UNIVERSITAET MUENSTER	1
ZORGONDERZOEK NEDERLAND ZON	1
ZIDOVSKÉ MUZEUM V PRAZE	1
ZDRUZENIE POUZIVATELOV SLOVENSKEJ AKADEMICKEJ DATOVEJ SIETE-SANET	1
YOTTA ADVANCED COMPUTING DOO ZA ISTRAZIVANJE I USLUGE	1
YEREVAN PHYSICS INSTITUTE AFTER A.I. ALIKHANYAN	1
YAD VASHEM THE HOLOCAUST MARTYRS AND HEROES REMEMBRANCE AUTHORITY	1
XEROX	1
XELECT LIMITED	1
WUHAN INSTITUTE OF VIROLOGY, CHINESE ACADEMY OF SCIENCES	1
WISSENSCHAFTSZENTRUM BERLIN FUR SOZIALFORSCHUNG GGMBH	1
UNIWERSYTET SLASKI	1
WIENER INSTITUT FUR SOCIALWISSENSCHAFTLICHE DOKUMENTATION UND METHODIK	1
UNIVERSITE VICTOR SEGalen BORDEAUX II	1
VYZKUMNY USTAV GEODETICKY TOPOGRAFICKY A KARTOGRAFICKY VVI*RESEARCH INSTITUTE OF GEODESY TOPOGRAPHY AND CARTOGRAPHY VUGTK	1
VLAAMS GEWEST	1
VITRO S.A.	1
VIROLOGICKY USTAV SLOVENSKEJ AKADEMIE VIED	1
VIB	1
VETERINAERMEDIZINISCHE UNIVERSITAET WIEN	1
VERENIGING EUROCRISS	1
VEREIN EURESEARCH	1
VARIABLE ENERGY CYCLOTRON CENTER	1
VALSTYBINIS VILNIAUS GAONO ZYDU MUZIEJUS	1
USTAV INFORMATIKY, SLOVENSKA AKADEMIA VIED	1
WIENER WIESENTHAL INSTITUT FUR HOLOCAUST-STUDIEN - VWI	1
UNIVERSIDADE DO PORTO	1
UNIVERSITETI I TIRANES	1
UNIVERSITA DEL SALENTO	1
UNIVERSITA DEGLI STUDI ROMA TRE	1
UNIVERSITA DEGLI STUDI DI TRENTO	1
UNIVERSITA DEGLI STUDI DI PERUGIA	1
UNIVERSITA DEGLI STUDI DI PARMA	1
UNIVERSITA DEGLI STUDI DI PALERMO	1
UNIVERSITA DEGLI STUDI DI PADOVA	1
UNIVERSITA DEGLI STUDI DI GENOVA	1

UNIVERSITA DEGLI STUDI DI FIRENZE	1
UNIVERSITAET INNSBRUCK	1
UNIVERSITA CA' FOSCARI VENEZIA	1
UNIVERSITAET KASSEL	1
UNIVERSIDADE DA BEIRA INTERIOR	1
UNIVERSIDAD DE VIGO	1
UNIVERSIDAD DE VALLADOLID	1
UNIVERSIDAD DE SEVILLA	1
UNIVERSIDAD DE SANTIAGO DE COMPOSTELA	1
UNIVERSIDAD DE MALAGA	1
UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA	1
UNIVERSIDAD DE ALICANT	1
UNIVERSIDAD DE ALCALA	1
UNIVERSIDAD COMPLUTENSE DE MADRID	1
Samui Design & Management Ltd	1
UNIVERSITA DEGLI STUDI DI FERRARA	1
UNIVERSITATEA TEHNICA CLUJ-NAPOCA	1
UNIVERSITE LOUIS PASTEUR	1
UNIVERSITE JOSEPH FOURIER GRENOBLE	1
UNIVERSITE GRENOBLE ALPES	1
UNIVERSITE DU LUXEMBOURG	1
UNIVERSITE DE VERSAILLES SAINT-QUENTIN-EN-YVELINES	1
UNIVERSITE DE NICE SOPHIA ANTIPOLIS	1
UNIVERSITE DE MONS	1
UNIVERSITE DE MARNE LA VALLEE	1
UNIVERSITE DE LORRAINE	1
UNIVERSITE DE LA REUNION	1
UNIVERSITAET HAMBURG	1
UNIVERSITATEA TEHNICA GHEORGHE ASACHI DIN IASI	1
UNITED NATIONS ECONOMIC COMMISSION FOR LATIN AMERICA AND THE CARIBBEAN	1
Universitatea Tehnica a Moldovei	1
UNIVERSITATEA POLITEHNICA DIN BUCURESTI	1
UNIVERSITAT KONSTANZ	1
UNIVERSITAT BASEL	1
UNIVERSITAIR MEDISCH CENTRUM UTRECHT	1
UNIVERSITAETSKLINIKUM BONN	1
UNIVERSITAET ZU KOELN	1
UNIVERSITAET ROSTOCK	1
UNIVERSITAET POTSDAM	1
UNIVERSITAET LEIPZIG	1
UNIVERSITAET KLAGENFURT	1
UNIVERSITE D'AIX MARSEILLE	1
JOHANN WOLFGANG GOETHE UNIVERSITAET FRANKFURT AM MAIN	1
IRCCS AZIENDA OSPEDALIERA UNIVERSITARIA SAN MARTINO-IST-ISTITUTO NAZIONALE PER LA RICERCA SUL CANCRO	1
KNOWLEDGE UNLATCHED CIC	1
KLINIKUM RECHTS DER ISAR DER TECHNISCHEN UNIVERSITAT MUNCHEN	1
KEYGENE NV	1
KENYATTA UNIVERSITY	1
KEMA NEDERLAND BV	1

KAZERNE DOSSIN MEMORIAAL, MUSEUM EN DOCUMENTATIECENTRUM OVER HOLOCAUST EN MENSENRECHTEN	1
KATHOLIEKE UNIVERSITEIT LEUVEN	1
Karolinska University Hospital	1
KANSALLISARKISTO	1
KONGSBERG SATELLITE SERVICES AS	1
JOINT INSTITUTE FOR NUCLEAR RESEARCH	1
Koninklijk Instituut voor het Kunstpatrimonium	1
JIHOCESKA UNIVERZITA V CESKYCH BUDEJOVICICH	1
JAZYKOVEDNY USTAV LUDOVITA STURA SLOVENSKEJ AKADEMIE VIED	1
JANSSEN PHARMACEUTICA NV	1
IZMIR INSTITUTE OF TECHNOLOGY	1
Istituto Superiore per la Protezione e la Ricerca Ambientale	1
ISTITUTO SUPERIORE DI SANITA	1
ISTITUTO ORTOPEDICO RIZZOLI	1
ISTITUTO NAZIONALE PER LA RICERCA SUL CANCRO	1
ISLENSK ERFDAGREINING EHF	1
IRISH RESEARCH COUNCIL FOR THE HUMANITIES AND SOCIAL SCIENCES	1
MAATG NOZZLE SL	1
JUSTUS-LIEBIG-UNIVERSITAET GIESSEN	1
LATVIJAS VALSTS KOKSNES KIMIJAS INSTITUTS	1
SANTER REPLY SPA	1
LUNA SAS	1
LULEA TEKNiska UNIVERSITET	1
LOUGHBOROUGH UNIVERSITY	1
LOGILAB	1
LIFETEC GROUP BV	1
LIFE SCIENCE GOVERNANCE INSTITUTE	1
LEIDOS BIOMEDICAL RESEARCH INC	1
LEIBNIZ-INSTITUT FUR PFLANZENBIOCHEMIE	1
LEIBNIZ-INSTITUT FUR ATMOSPARENPHYSIK EV AN DER UNIVERSITAT ROSTOCK	1
KOMPETENZZENTRUM HOLZ GMBH	1
LEGAL PATHWAYS BV	1
INTER-UNIVERSITY RESEARCH INSTITUTE CORPORATION, HIGH ENERGY ACCELERATOR RESEARCH ORGANISATION	1
LATVIJAS UNIVERSITATES MATEMATIKAS UN INFORMATIKAS INSTITUTS	1
LATVIJAS UNIVERSITATES AGENTURA LATVIJAS UNIVERSITATES BIOLOGIJAS INSTITUTS	1
LANDSPITALI UNIVERSITY HOSPITAL	1
LANCASTER UNIVERSITY	1
KYPRIAKO EREVNIKITO KAI AKADIMAISO DIKTYO	1
ZYDOWSKI INSTYTUT HISTORYCZNY IM. EMANUELA RINGELBLUMA	1
KUOPIO INNOVATION LTD	1
KOZEP-EUROPAI EGYESUM	1
Konrad-Zuse-Zentrum für Informationstechnik Berlin	1
KONINKLIJKE STERRENWACHT VAN BELGIE	1
KONINKLIJKE BIBLIOTHEEK	1
LEIBNIZ - INSTITUT FUER PFLANZENGENETIK UND KULTURPFLANZENFORSCHUNG	1
INSTITUTE OF ACCELERATING SYSTEMS AND APPLICATIONS	1
Irish Platform for Patient's Organisations, Science and Industry	1
INSTITUTO DE TECNOLOGIA QUIMICA E BIOLOGICA - UNIVERSIDADE NOVA DE LISBOA	1

INSTITUTO DE BIOLOGIA MOLECULAR E CELULAR-IBMC	1
INSTITUTO DE BIOLOGIA EXPERIMENTAL E TECNOLOGICA	1
INSTITUTO DE ASTROFISICA DE CANARIAS	1
INSTITUTET FOR RYMDFYSIK	1
INSTITUTE OF SOCIOLOGY OF THE ACADEMY OF SCIENCES OF THE CZECH REPUBLIC PUBLIC RESEARCH INSTITUTION	1
INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY OF THE ASCR VVI	1
INSTITUTE OF OCEANOLOGY - BULGARIAN ACADEMY OF SCIENCES	1
INSTITUTE OF HUMAN VIROLOGY NIGERIA LTDGTE	1
INSTITUTO HIDROGRAFICO	1
Institute of Bioorganic Chemistry PAS	1
INSTITUTO NACIONAL DE SAUDE DR. RICARDO JORGE	1
INSTITUTE FOR PUBLIC AFFAIRS	1
INSTITUTE FOR PARALLEL PROCESSING OF THE BULGARIAN ACADEMY OF SCIENCES	1
INSTITUTE FOR INFORMATION TRANSMISSION PROBLEMS RUSSIAN ACADEMY OF SCIENCES IITP	1
INSTITUT ZA NOVEJSO ZGODOVINO	1
INSTITUT ZA EKONOMSKA RAZISKOVANJA	1
INSTITUT TEKNOLOGI BANDUNG	1
INSTITUT TECHNOLOGIQUE FCBA (FORETCELLULOSE BOIS-CONSTRUCTION AMEUBLEMENT)	1
INSTITUT ROYAL D'AERONOMIE SPATIALE DE BELGIQUE	1
INSTITUT POLYTECHNIQUE DE GRENOBLE	1
INSTITUT POLAIRE FRANCAIS PAUL EMILE VICTOR	1
INSTITUT PO BIORAZNOOBRAZIE I EKOSISTEMNI IZSLEDVANIYA BALGARSKA AKADEMIYA NA NAUKITE	1
INSTITUTE OF FOOD RESEARCH	1
INSTYTUT PODSTAWOWYCH PROBLEMOW TECHNIKI POLSKIEJ AKADEMII NAUK	1
Interuniversity Consortium CINECA	1
International Tracing Service	1
INTERNATIONAL RESEARCH SCHOOL OF PLANETARY SCIENCES	1
INTERNATIONAL RESEARCH INSTITUTE OFSTAVANGER AS	1
International Prevention Research Institute SAS	1
International Livestock Research Institute	1
INTERNATIONAL COUNCIL FOR THE EXPLORATION OF THE SEA	1
INTERNATIONAL CENTER FOR RESEARCH ON THE ENVIRONMENT AND THE ECONOMY	1
INTERNATIONAL ASSOCIATION OF HYDRAULIC ENGINEERING AND RESEARCH	1
INTEGRATED DETECTOR ELECTRONICS AS	1
INSTITUTO DE TELECOMUNICACOES	1
INSTYTUT SLAWISTYKI POLSKIEJ AKADEMII NAUK	1
MACEDONIAN ACADEMIC AND RESEARCH NETWORK SKOPJE	1
INSTYTUT OCEANOLOGII POLSKIEJ AKADEMII NAUK	1
INSTYTUT NAUK GEOLOGICZNYCH POLSKIEJ AKADEMII NAUK	1
INSTYTUT FIZYKI PLAZMY I LASEROWEJ MIKROSYNTEZY IM. SYLWESTRA KALISKIEGO	1
INSTYTUT BUDOWNICTWA WODNEGO POLSKIEJ AKADEMII NAUK	1
INSTYTUT BIOLOGII DOSWIADCZALNEJ IM. M. NENCKIEGO POLSKIEJ AKADEMII NAUK	1
INSTITUUT VOOR NATUUR EN BOSONDERZOEK	1
INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE IN INFORMATICA - ICI BUCURESTI	1
Institutul de Geologie si Seismologie Al Academiei de Stiinte a Moldavei	1
INSTITUTUL DE CHIMIE MACROMOLECULARA PETRU PONI	1
INSTITUTO TECNOLOGICO DE ARAGON	1

INSTITUTO PORTUGUES DO MAR E DA ATMOSFERA IP	1
INTEGRATED CARBON OBSERVATION SYSTEM EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM	1
ONTOTEXT AD	1
NOFIMA AS	1
PANTEIO PANEPISTIMIO KIONONIKON KAIPOLITIKON EPISTIMON	1
PANSTWOWY INSTYTUT GEOLOGICZNY - PANSTWOWY INSTYTUT BADAWCZY	1
Pannon Egyetem	1
PANEPISTIMIO PATRON	1
P.N. LEBEDEV PHYSICAL INSTITUTE OF THE RUSSIAN ACADEMY OF SCIENCES	1
ORSZAGOS EPIDEMIOLOGIAI KOZPONT	1
ORMAZABAL CORPORATE TECHNOLOGY, A.I.E.	1
ORGANISATION METEOROLOGIQUE MONDIALE	1
ORCID EU	1
PHENOM NETWORKS LTD	1
OPEN BOOK PUBLISHERS COMMUNITY INTEREST COMPANY	1
PHILIPPS UNIVERSITAET MARBURG	1
OLOKLIROMENA PLIROFORIKA SISTIMATA	1
OFFIS EV	1
OESTERREICHISCHE FORSCHUNGSFOERDERUNGSGESELLSCHAFT MBH	1
OBSERVATORIO DEL EBRO FUNDACION	1
OBSERVATOIRE DE PARIS	1
NUMERICAL ALGORITHMS GROUP LTD	1
NORWEGIAN UNIVERSITY OF SCIENCE NTNU	1
NORSK SAMFUNNSVITENSKAPELIG DATATJENESTE AS	1
NORSK INSTITUTT FOR VANNFORSKNING	1
NORGES FORSKNINGSRAD	1
MAAT G KNOWLEDGE SL	1
OPIFICIO DELLE PIETRE DURE	1
REGION HOVEDSTADEN	1
INSTITUT NATIONAL DU CANCER	1
SABANCI UNIVERSITESI	1
RUSSIAN RESEARCH CENTRE KURCHATOV INSTITUTE	1
ROYAL TECHNICAL HOEGSKOLAN	1
ROYAL IRISH ACADEMY	1
ROUMEN TSANEV INSTITUTE OF MOLECULAR BIOLOGY BULGARIAN ACADEMY OF SCIENCES	1
RICERCA SUL SISTEMA ENERGETICO - RSE SPA	1
RHEINISCHES INSTITUT FUER UMWELT-FORSCHUNG AN DER UNIVERSITAET ZU KOELN E.V.	1
RETI SPA	1
RESEARCH INSTITUTE OF VACCINES AND SERA II MECHNIKOV	1
Pensoft Publishers Ltd	1
Republic Hydrometeorological Institute	1
NEMZETI KUTATASI FEJLESZTESI ES INNOVACIOS HIVATAL	1
REGION D'AQUITAINE	1
REDE NACIONAL DE ENSINO E PESQUISA	1
RASDAMAN GMBH	1
PUBLIC LIBRARY OF SCIENCE	1
Promoscience srl	1
Prodema Informatics AG	1
PRIRODNO - MATEMATICKI FAKULTET SARAJEVO J.U.	1

PRINS LEOPOLD INSTITUUT VOOR TROPISCHE GENEESKUNDE	1
PRESIDENZA DEL CONSIGLIO DEI MINISTRI.	1
PLYMOUTH MARINE LABORATORY	1
PINTAIL LTD	1
RESEARCH DATA ALLIANCE FOUNDATION	1
MASINOTEK OY	1
NORDUNET A/S	1
MINISTERIE VAN INFRASTRUCTUUR EN MILIEU	1
MIDDLE EAST TECHNICAL UNIVERSITY	1
METEOROLOGISK INSTITUTT	1
MERIEUX ALLIANCE SA	1
MERENTUTKIMUSLAITOS HAVSFORSKNINGSINSTITUTET	1
MEO-SERVICOS DE COMUNICACOES E MULTIMEDIA SA	1
MEMORIAL DE LA SHOAH	1
MEDIZINISCHE UNIVERSITAT INNSBRUCK	1
Medical University of Warsaw	1
MINISTERIO DE EDUCACION	1
MATIS OHF	1
MINISTERO DELLA SALUTE	1
MASARYKUV ONKOLOGICKY USTAV	1
MARTIN-LUTHER-UNIVERSITAET HALLE-WITTENBERG	1
MARINE SCOTLAND	1
MAKERERE UNIVERSITY	1
MAGYARORSZAGI ZSIDO HITKOZSEGEK SZOVETSEGE TARSADALMI SZERVEZET	1
MAGYAR TUDOMANYOS AKADEMIA TERMESZETTUDOMANYI KUTATOKOZPONT	1
MAGYAR TUDOMANYOS AKADEMIA SZEGEDI BIOLOGIAI KUTATOKOZPONT	1
MAGYAR TUDOMANYOS AKADEMIA SZEGEDI BIOLOGIAI KOZPONT ENZIMOLOGIAI INTEZET	1
MAGYAR TUDOMANYOS AKADEMIA OKOLOGIAI KUTATOKOZPONT	1
MAGYAR TUDOMANYOS AKADEMIA GEODEZIAI ES GEOFIZIKAI KUTATOINTEZET	1
MAGYAR TUDOMANYOS AKADEMIA ENERGIATUDOMANYI KUTATOKOZPONT	1
MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT	1
NARODNA IN UNIVERZITETNA KNJIZNICA	1
NEMZETI AGRARKUTATASI ES INNOVACIOSKOZPONT	1
NEDERLANDSE FEDERATIE VAN UNIVERSITAIR MEDISCH CENTRA	1
NATURHISTORiska RIKSMUSEET	1
NATIONAL UNIVERSITY OF IRELAND MAYNOOTH	1
NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA	1
NATIONAL LIBRARY OF IRELAND	1
NATIONAL INSTITUTE OF RESEARCH AND DEVELOPMENT FOR OPTOELECTRONICS	1
NATIONAL INFORMATION TECHNOLOGY CENTER	1
NATIONAL HEALTH LABORATORY SERVICES	1
National Computer Center for Higher Education	1
MINISTERIO DE ECONOMIA, INDUSTRIA Y COMPETITIVIDAD	1
NARODOHOSPODARSKY USTAV AKADEMIE VED CESKE REPUBLIKY VEREJNA VYZKUMNA INSTITUCE	1
SANCHEZ & VOGLATZIS CO OE	1
NACIONALNI INSTITUT ZA BIOLOGIJO	1
MUSEUM NATIONAL D'HISTOIRE NATURELLE	1
MUSEUM AND INSTITUTE OF ZOOLOGY - POLISH ACADEMY OF SCIENCES	1
Museo Nacional del Prado	1

MTA OKOLOGIAI ES BOTANIKAI KUTATOINTEZETE	1
MONTANUNIVERSITAT LEOBEN	1
MONASH UNIVERSITY	1
MOLECULAR MEDICINE IRELAND LBG	1
MITTUNIVERSITETET	1
MINISTRY OF SCIENCE AND TECHNOLOGY	1
MINISTERSTWO NAUKI I SZKOLNICTWA WYZSZEGO	1
NARODOWE CENTRUM BADAN I ROZWOJU	1

ANNEX B. GLOSSARY

Term	Explanation
EOSC	European Open Science Cloud
ECI	European Cloud Initiative
EDI	European Data Infrastructure
ESFRI	European Strategy Forum on Research Infrastructures
PRACE	Partnership for Advanced Computing in Europe