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**Snapshots
Member States of the European Union**

Accompanying the document

**COMMUNICATION FROM THE COMMISSION TO THE COUNCIL AND THE
EUROPEAN PARLIAMENT**

European Research Area Progress Report 2014

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AUSTRIA - SNAPSHOT

Public funding for Research	Austria	EU	Ranking among EU Member States
GBAORD, 2012	EUR 2473.6 m	EUR 90670.3 m	10
GBAORD per capita, 2012	EUR 294.2	EUR 178.6	5
GBAORD/GDP, 2012	0.8 %	0.7 %	7
GBAORD as share of total government expenditures, 2012	1.6 %	1.4 %	8
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	27 %		6
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	73 %		4
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	4.7 %		5

Source: Eurostat and OECD

Researchers	Austria	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	65609	2545544	10
Number of researchers/1000	15.2 ‰	10.6 ‰	5

active population, 2011 (headcount)			
Non-EU doctorate students as a % of all doctorate students, 2011	8.6 %	24.2 %	12

Source: Eurostat

	Austria	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	29 %	33.2 %	21
Share of women PhD graduates, 2012 (% based on headcount)	41.8 %	47 %	24
Share of women senior researchers, 2010 or latest available data (% based on headcount)	17 %	20 % (EU27)	10
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	16.2 %	15.5 % (EU28)	7

Source: Eurostat and She figures (2013)

Outputs	Austria	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.3	2.89	19
Co-publications within the EU by researcher, 2000-2011	0.6	0.45	8
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.3	0.45	15
PCT patent applications by researcher, 2010	0.022	0.02	5

Source: DG RTD, Economic Analysis Unit

2013	Austria	Ranking of the cluster among EU Member States	EU	Austria	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	21.1 %	21	39.6 %	85.7 %	12	81.2 %
Cluster Limited ERA compliance	51.1 %	11	45.0 %	10.6 %	20	16.8 %
Cluster ERA not applicable	27.8 %	5	15.4 %	3.7 %	7	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

BELGIUM - SNAPSHOT

Public funding for Research	Belgium	EU	Ranking among EU Member States
GBAORD, 2012	EUR 2489.6 m	EUR 90670.3 m	9
GBAORD per capita, 2012	EUR 224.4	EUR 178.6	9
GBAORD/GDP, 2012	0.7 %	0.7 %	12
GBAORD as share of total government expenditures, 2012	1.2 %	1.4 %	14
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	9.9 %		1

Source: Eurostat and OECD

Researchers	Belgium	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	63207	2545544	11

Number of researchers/1000 active population, 2011 (headcount)	13.0 ‰	10.6 ‰	8
Non-EU doctorate students as a % of all doctorate students, 2011	21 %	24.2 %	4

Source: Eurostat

	Belgium	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	33.5 %	33.2 %	16
Share of women PhD graduates, 2012 (% based on headcount)	43.8 %	47 %	23
Share of women senior researchers, 2010 or latest available data (% based on headcount)	12 %	20 % (EU27)	14
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	12.2 %	15.5 % (EU28)	13

Source: Eurostat and She figures (2013)

Outputs	Belgium	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	3.4	2.89	6
Co-publications within the EU by researcher, 2000-2011	0.8	0.45	3
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.5	0.45	8
PCT patent	0.020	0.02	8

Source: DG RTD, Economic Analysis Unit

2013	Belgium	Ranking of the cluster among EU Member States	EU	Belgium	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	24.1 %	18	39.6 %	87.9 %	9	81.2 %
Cluster Limited ERA compliance	55.2 %	8	45.0 %	11.4 %	19	16.8 %
Cluster ERA not applicable	20.7 %	9	15.4 %	0.7 %	20	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

BULGARIA - SNAPSHOT

Public funding for Research	Bulgaria	EU	Ranking among EU Member States
GBAORD, 2012	EUR 101.1 m	EUR 90670.3 m	25
GBAORD per capita, 2012	EUR 13.8	EUR 178.6	28
GBAORD/GDP, 2012	0.3 %	0.7 %	26
GBAORD as share of total government expenditures, 2012	0.7 %	1.4 %	23
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	3 %		12

Source: Eurostat and OECD

Researchers	Bulgaria	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	14794	2545544	21

Number of researchers/1000 active population, 2011 (headcount)	4.4 ‰	10.6 ‰	27
Non-EU doctorate students as a % of all doctorate students, 2011	3.8 %	24.2 %	17

Source: Eurostat

	Bulgaria	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	49.1 %	33.2 %	3
Share of women PhD graduates, 2012 (% based on headcount)	51.7 %	47 %	7
Share of women senior researchers, 2010 or latest available data (% based on headcount)	26 %	20 % (EU27)	3
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	14.4 %	15.5 % (EU28)	9

Source: Eurostat and She figures (2013)

Outputs	Bulgaria	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.2	2.89	21
Co-publications within the EU by researcher, 2000-2011	0.6	0.45	7
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.2	0.45	20
PCT patent	0.002	0.02	21

Source: DG RTD, Economic Analysis Unit

2013	Bulgaria	Ranking of the cluster among EU Member States	EU	Bulgaria	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	39.0 %	13	39.6 %	59.6 %	17	81.2 %
Cluster Limited ERA compliance	51.2 %	10	45.0 %	37.7 %	11	16.8 %
Cluster ERA not applicable	9.8 %	22	15.4 %	2.8 %	9	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

CROATIA - SNAPSHOT

Public funding for Research	Croatia	EU	Ranking among EU Member States
GBAORD, 2012	EUR 318.5 m	EUR 90670.3 m	18
GBAORD per capita, 2012	EUR 74.5	EUR 178.6	19
GBAORD/GDP, 2012	0.7 %	0.7 %	10
GBAORD as share of total government expenditures, 2012	1.6 %	1.4 %	7
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	1.5 %		18

Source: Eurostat and OECD

Researchers	Croatia	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	11454	2545544	23

Number of researchers/1000 active population, 2011 (headcount)	6.6 ‰	10.6 ‰	23
Non-EU doctorate students as a % of all doctorate students, 2011	2.4 %	24.2 %	19

Source: Eurostat

	Croatia	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	47.3 %	33.2 %	4
Share of women PhD graduates, 2012 (% based on headcount)	54.6 %	47 %	5
Share of women senior researchers, 2010 or latest available data (% based on headcount)	26 %	20 % (EU27)	3
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	15.8 %	15.5 % (EU28)	8

Source: Eurostat and She figures (2013)

Outputs	Croatia	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	3.7	2.89	4
Co-publications within the EU by researcher, 2000-2011	0.5	0.45	15
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.3	0.45	16
PCT patent	0.004	0.02	17

Source: DG RTD, Economic Analysis Unit

2013	Croatia	Ranking of the cluster among EU Member States	EU	Croatia	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	53.5 %	3	39.6 %	32.1 %	25	81.2 %
Cluster Limited ERA compliance	34.9 %	25	45.0 %	66.5 %	4	16.8 %
Cluster ERA not applicable	11.6 %	19	15.4 %	1.4 %	14	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

CYPRUS - SNAPSHOT

Public funding for Research	Cyprus	EU	Ranking among EU Member States
GBAORD, 2012	EUR 69.9 m	EUR 90670.3 m	26
GBAORD per capita, 2012	EUR 81.0	EUR 178.6	18
GBAORD/GDP, 2012	0.4 %	0.7 %	20
GBAORD as share of total government expenditures, 2012	0.9 %	1.4 %	21
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	3 %		12

Source: Eurostat and OECD

Researchers	Cyprus	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	1937	2545544	26

Number of researchers/1000 active population, 2011 (headcount)	4.5 ‰	10.6 ‰	26
Non-EU doctorate students as a % of all doctorate students, 2011	1.7 %	24.2 %	22

Source: Eurostat

	Cyprus	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	36.9 %	33.2 %	12
Share of women PhD graduates, 2012 (% based on headcount)	50.0 %	47 %	12
Share of women senior researchers, 2010 or latest available data (% based on headcount)	11 %	20 % (EU27)	15
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	12.8 %	15.5 % (EU28)	12

Source: Eurostat and She figures (2013)

Outputs	Cyprus	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	4.0	2.89	3
Co-publications within the EU by researcher, 2000-2011	1.2	0.45	1
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.7	0.45	1
PCT patent	0.004	0.02	18

Source: DG RTD, Economic Analysis Unit

2013	Cyprus	Ranking of the cluster among EU Member States	EU	Cyprus	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	18.2 %	23	39.6 %	8.0 %	27	81.2 %
Cluster Limited ERA compliance	45.5 %	17	45.0 %	90.2 %	2	16.8 %
Cluster ERA not applicable	36.4 %	2	15.4 %	1.8 %	12	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

CZECH REPUBLIC - SNAPSHOT

Public funding for Research	Czech Republic	EU	Ranking among EU Member States
GBAORD, 2012	EUR 1039.9 m	EUR 90670.3 m	14
GBAORD per capita, 2012	EUR 99.0	EUR 178.6	16
GBAORD/GDP, 2012	0.7 %	0.7 %	11
GBAORD as share of total government expenditures, 2012	1.5 %	1.4 %	10
Tax incentives, 2009 (share of GBAORD)	0.03	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	52.4 %		1
Share of GBAORD allocated as project based, 2013	53 %		1
Share of GBAORD allocated as institutional funding, 2012	47.6 %		9
Share of GBAORD allocated as institutional funding, 2013	47 %		6
Share of GBAORD allocated to transnational cooperation, 2012	3.9 %		7

Source: Eurostat and OECD

Researchers	Czech Republic	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	45902	2545544	14

Number of researchers/1000 active population, 2011 (headcount)	8.8 ‰	10.6 ‰	19
Non-EU doctorate students as a % of all doctorate students, 2011	4.1 %	24.2 %	16

Source: Eurostat

	Czech Republic	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	28.2 %	33.2 %	22
Share of women PhD graduates, 2012 (% based on headcount)	41.4 %	47 %	25
Share of women senior researchers, 2010 or latest available data (% based on headcount)	13 %	20 % (EU27)	13
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	16.9 %	15.5 % (EU28)	6

Source: Eurostat and She figures (2013)

Outputs	Czech Republic	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.7	2.89	12
Co-publications within the EU by researcher, 2000-2011	0.5	0.45	13
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.3	0.45	18
PCT patent	0.003	0.02	19

Source: DG RTD, Economic Analysis Unit

2013	Czech Republic	Ranking of the cluster among EU Member States	EU	Czech Republic	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	34.8 %	16	39.6 %	46.9 %	21	81.2 %
Cluster Limited ERA compliance	39.1 %	20	45.0 %	43.8 %	6	16.8 %
Cluster ERA not applicable	26.1 %	7	15.4 %	9.3 %	3	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

DENMARK - SNAPSHOT

Public funding for Research	Denmark	EU	Ranking among EU Member States
GBAORD, 2012	EUR 2517.2 m	EUR 90670.3 m	8
GBAORD per capita, 2012	EUR 451.1	EUR 178.6	2
GBAORD/GDP, 2012	1.0 %	0.7 %	2
GBAORD as share of total government expenditures, 2012	1.7 %	1.4 %	5
Tax incentives, 2009 (share of GBAORD)	0.12	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	2.2 %		16

Source: Eurostat and OECD

Researchers	Denmark	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	56771	2545544	13

Number of researchers/1000 active population, 2011 (headcount)	19.4 ‰	10.6 ‰	2
Non-EU doctorate students as a % of all doctorate students, 2011	17.8 %	24.2 %	9

Source: Eurostat

	Denmark	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	33.1 %	33.2 %	17
Share of women PhD graduates, 2012 (% based on headcount)	45.3 %	47 %	20
Share of women senior researchers, 2010 or latest available data (% based on headcount)	15 %	20 % (EU27)	11
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	14.0 %	15.5 % (EU28)	10

Source: Eurostat and She figures (2013)

Outputs	Denmark	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.6	2.89	14
Co-publications within the EU by researcher, 2000-2011	0.5	0.45	11
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.4	0.45	10
PCT patent	0.020	0.02	9

Source: DG RTD, Economic Analysis Unit

2013	Denmark	Ranking of the cluster among EU Member States	EU	Denmark	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	16.0 %	25	39.6 %	71.4 %	15	81.2 %
Cluster Limited ERA compliance	56.0 %	7	45.0 %	28.2 %	12	16.8 %
Cluster ERA not applicable	28.0 %	4	15.4 %	0.3 %	23	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

ESTONIA - SNAPSHOT

Public funding for Research	Estonia	EU	Ranking among EU Member States
GBAORD, 2012	EUR 145.8 m	EUR 90670.3 m	23
GBAORD per capita, 2012	EUR 109.3	EUR 178.6	15
GBAORD/GDP, 2012	0.8 %	0.7 %	6
GBAORD as share of total government expenditures, 2012	2.1 %	1.4 %	1
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	2.1 %		17

Source: Eurostat and OECD

Researchers	Estonia	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	7646	2545544	24

Number of researchers/1000 active population, 2011 (headcount)	11.0 ‰	10.6 ‰	13
Non-EU doctorate students as a % of all doctorate students, 2011	4.1 %	24.2 %	16

Source: Eurostat

	Estonia	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	43.7 %	33.2 %	7
Share of women PhD graduates, 2012 (% based on headcount)	50.5 %	47 %	10
Share of women senior researchers, 2010 or latest available data (% based on headcount)	17 %	20 % (EU27)	10
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	21.2 %	15.5 % (EU28)	5

Source: Eurostat and She figures (2013)

Outputs	Estonia	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	1.8	2.89	22
Co-publications within the EU by researcher, 2000-2011	0.5	0.45	14
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.2	0.45	22
PCT patent	0.006	0.02	15

Source: DG RTD, Economic Analysis Unit

2013	Estonia	Ranking of the cluster among EU Member States	EU	Estonia	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	20.0 %	22	39.6 %	88.1 %	8	81.2 %
Cluster Limited ERA compliance	66.7 %	2	45.0 %	10.0 %	21	16.8 %
Cluster ERA not applicable	13.3 %	16	15.4 %	1.9 %	11	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

FINLAND - SNAPSHOT

Public funding for Research	Finland	EU	Ranking among EU Member States
GBAORD, 2012	EUR 2064.2 m	EUR 90670.3 m	11
GBAORD per capita, 2012	EUR 382.2	EUR 178.6	3
GBAORD/GDP, 2012	1.1 %	0.7 %	1
GBAORD as share of total government expenditures, 2012	1.9 %	1.4 %	4
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	3.6 %		9

Source: Eurostat and OECD

Researchers	Finland	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	57549	2545544	12

Number of researchers/1000 active population, 2011 (headcount)	21.5 ‰	10.6 ‰	1
Non-EU doctorate students as a % of all doctorate students, 2011	6.8 %	24.2 %	14

Source: Eurostat

	Finland	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	32.1 %	33.2 %	19
Share of women PhD graduates, 2012 (% based on headcount)	50.9 %	47 %	8
Share of women senior researchers, 2010 or latest available data (% based on headcount)	24 %	20 % (EU27)	4
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	25.0 %	15.5 % (EU28)	2

Source: Eurostat and She figures (2013)

Outputs	Finland	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.4	2.89	17
Co-publications within the EU by researcher, 2000-2011	0.4	0.45	17
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.3	0.45	12
PCT patent	0.027	0.02	4

Source: DG RTD, Economic Analysis Unit

2013	Finland	Ranking of the cluster among EU Member States	EU	Finland	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	44.4 %	7	39.6 %	77.3 %	14	81.2 %
Cluster Limited ERA compliance	38.9 %	22	45.0 %	21.5 %	14	16.8 %
Cluster ERA not applicable	16.7 %	12	15.4 %	1.2 %	15	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

FRANCE - SNAPSHOT

Public funding for Research	France	EU	Ranking among EU Member States
GBAORD, 2012	EUR 15134.9 m	EUR 90670.3 m	2
GBAORD per capita, 2012	EUR 231.7	EUR 178.6	8
GBAORD/GDP, 2012	0.7 %	0.7 %	9
GBAORD as share of total government expenditures, 2012	1.3 %	1.4 %	12
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	n.a.		0

Source: Eurostat and OECD

Researchers	France	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	338761	2545544	3

Number of researchers/1000 active population, 2011 (headcount)	11.9 ‰	10.6 ‰	11
Non-EU doctorate students as a % of all doctorate students, 2011	35.4 %	24.2 %	1

Source: Eurostat

	France	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	25.6 %	33.2 %	25
Share of women PhD graduates, 2012 (% based on headcount)	n.a. %	47 %	0
Share of women senior researchers, 2010 or latest available data (% based on headcount)	19 %	20 % (EU27)	9
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	6.5 %	15.5 % (EU28)	19

Source: Eurostat and She figures (2013)

Outputs	France	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.7	2.89	13
Co-publications within the EU by researcher, 2000-2011	0.4	0.45	20
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.5	0.45	7
PCT patent	0.021	0.02	6

Source: DG RTD, Economic Analysis Unit

2013	France	Ranking of the cluster among EU Member States	EU	France	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	40.9 %	10	39.6 %	91.0 %	5	81.2 %
Cluster Limited ERA compliance	48.5 %	13	45.0 %	8.1 %	24	16.8 %
Cluster ERA not applicable	10.6 %	20	15.4 %	1.0 %	19	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

GERMANY - SNAPSHOT

Public funding for Research	Germany	EU	Ranking among EU Member States
GBAORD, 2012	EUR 24034.8 m	EUR 90670.3 m	1
GBAORD per capita, 2012	EUR 293.7	EUR 178.6	6
GBAORD/GDP, 2012	0.9 %	0.7 %	4
GBAORD as share of total government expenditures, 2012	2.0 %	1.4 %	2
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	36 %		3
Share of GBAORD allocated as project based, 2013	37.3 %		2
Share of GBAORD allocated as institutional funding, 2012	64.7 %		7
Share of GBAORD allocated as institutional funding, 2013	63.7 %		4
Share of GBAORD allocated to transnational cooperation, 2012	4.3 %		6

Source: Eurostat and OECD

Researchers	Germany	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	520561	2545544	1

Number of researchers/1000 active population, 2011 (headcount)	12.3 ‰	10.6 ‰	9
Non-EU doctorate students as a % of all doctorate students, 2011	11.2 %	24.2 %	11

Source: Eurostat

	Germany	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	26.7 %	33.2 %	24
Share of women PhD graduates, 2012 (% based on headcount)	45.4 %	47 %	19
Share of women senior researchers, 2010 or latest available data (% based on headcount)	15 %	20 % (EU27)	11
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	11.7 %	15.5 % (EU28)	15

Source: Eurostat and She figures (2013)

Outputs	Germany	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.4	2.89	18
Co-publications within the EU by researcher, 2000-2011	0.3	0.45	24
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.4	0.45	9
PCT patent	0.036	0.02	1

Source: DG RTD, Economic Analysis Unit

2013	Germany	Ranking of the cluster among EU Member States	EU	Germany	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	65.9 %	1	39.6 %	90.3 %	6	81.2 %
Cluster Limited ERA compliance	26.8 %	27	45.0 %	8.6 %	23	16.8 %
Cluster ERA not applicable	7.3 %	23	15.4 %	1.1 %	17	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

GREECE - SNAPSHOT

Public funding for Research	Greece	EU	Ranking among EU Member States
GBAORD, 2012	EUR 731.9 m	EUR 90670.3 m	16
GBAORD per capita, 2012	EUR 65.8	EUR 178.6	20
GBAORD/GDP, 2012	0.4 %	0.7 %	21
GBAORD as share of total government expenditures, 2012	0.7 %	1.4 %	23
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	31.4 %		4
Share of GBAORD allocated as project based, 2013	37.3 %		3
Share of GBAORD allocated as institutional funding, 2012	68.6 %		6
Share of GBAORD allocated as institutional funding, 2013	62.7 %		5
Share of GBAORD allocated to transnational cooperation, 2012	6.2 %		2

Source: Eurostat and OECD

Researchers	Greece	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	45239	2545544	15

Number of researchers/1000 active population, 2011 (headcount)	9.1 ‰	10.6 ‰	18
Non-EU doctorate students as a % of all doctorate students, 2011	n.a. %	24.2 %	0

Source: Eurostat

	Greece	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	36.7 %	33.2 %	13
Share of women PhD graduates, 2012 (% based on headcount)	43.9 %	47 %	22
Share of women senior researchers, 2010 or latest available data (% based on headcount)	n.a. %	20 % (EU27)	0
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	n.a. %	15.5 % (EU28)	0

Source: Eurostat and She figures (2013)

Outputs	Greece	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	3.0	2.89	10
Co-publications within the EU by researcher, 2000-2011	0.5	0.45	10
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.3	0.45	14
PCT patent	0.002	0.02	22

Source: DG RTD, Economic Analysis Unit

2013	Greece	Ranking of the cluster among EU Member States	EU	Greece	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	30.0 %	17	39.6 %	46.7 %	22	81.2 %
Cluster Limited ERA compliance	60.0 %	4	45.0 %	53.2 %	5	16.8 %
Cluster ERA not applicable	10.0 %	21	15.4 %	0.2 %	25	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

HUNGARY - SNAPSHOT

Public funding for Research	Hungary	EU	Ranking among EU Member States
GBAORD, 2012	EUR 337.5 m	EUR 90670.3 m	17
GBAORD per capita, 2012	EUR 34.0	EUR 178.6	25
GBAORD/GDP, 2012	0.3 %	0.7 %	24
GBAORD as share of total government expenditures, 2012	0.7 %	1.4 %	23
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	3.1 %		11

Source: Eurostat and OECD

Researchers	Hungary	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	36945	2545544	16

Number of researchers/1000 active population, 2011 (headcount)	8.6 ‰	10.6 ‰	20
Non-EU doctorate students as a % of all doctorate students, 2011	2.7 %	24.2 %	18

Source: Eurostat

	Hungary	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	31.7 %	33.2 %	20
Share of women PhD graduates, 2012 (% based on headcount)	46.5 %	47 %	17
Share of women senior researchers, 2010 or latest available data (% based on headcount)	21 %	20 % (EU27)	7
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	8.8 %	15.5 % (EU28)	17

Source: Eurostat and She figures (2013)

Outputs	Hungary	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.2	2.89	20
Co-publications within the EU by researcher, 2000-2011	0.5	0.45	16
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.3	0.45	17
PCT patent	0.007	0.02	14

Source: DG RTD, Economic Analysis Unit

2013	Hungary	Ranking of the cluster among EU Member States	EU	Hungary	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	22.7 %	19	39.6 %	54.0 %	20	81.2 %
Cluster Limited ERA compliance	59.1 %	6	45.0 %	40.3 %	8	16.8 %
Cluster ERA not applicable	18.2 %	11	15.4 %	5.6 %	4	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

IRELAND - SNAPSHOT

Public funding for Research	Ireland	EU	Ranking among EU Member States
GBAORD, 2012	EUR 760.4 m	EUR 90670.3 m	15
GBAORD per capita, 2012	EUR 165.9	EUR 178.6	11
GBAORD/GDP, 2012	0.5 %	0.7 %	18
GBAORD as share of total government expenditures, 2012	1.1 %	1.4 %	19
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	37.3 %		2
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	62.7 %		8
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	2.4 %		14

Source: Eurostat and OECD

Researchers	Ireland	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	22131	2545544	19

Number of researchers/1000 active population, 2011 (headcount)	10.2 ‰	10.6 ‰	14
Non-EU doctorate students as a % of all doctorate students, 2011	20.5 %	24.2 %	6

Source: Eurostat

	Ireland	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	32.4 %	33.2 %	18
Share of women PhD graduates, 2012 (% based on headcount)	49.2 %	47 %	14
Share of women senior researchers, 2010 or latest available data (% based on headcount)	n.a. %	20 % (EU27)	0
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	n.a. %	15.5 % (EU28)	0

Source: Eurostat and She figures (2013)

Outputs	Ireland	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	3.5	2.89	5
Co-publications within the EU by researcher, 2000-2011	0.8	0.45	4
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.5	0.45	6
PCT patent	0.016	0.02	10

Source: DG RTD, Economic Analysis Unit

2013	Ireland	Ranking of the cluster among EU Member States	EU	Ireland	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	42.9 %	8	39.6 %	92.5 %	3	81.2 %
Cluster Limited ERA compliance	42.9 %	18	45.0 %	6.4 %	26	16.8 %
Cluster ERA not applicable	14.3 %	14	15.4 %	1.2 %	16	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

ITALY - SNAPSHOT

Public funding for Research	Italy	EU	Ranking among EU Member States
GBAORD, 2012	EUR 8822.3 m	EUR 90670.3 m	4
GBAORD per capita, 2012	EUR 145.1	EUR 178.6	13
GBAORD/GDP, 2012	0.6 %	0.7 %	16
GBAORD as share of total government expenditures, 2012	1.1 %	1.4 %	17
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	n.a.		0

Source: Eurostat and OECD

Researchers	Italy	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	151597	2545544	5

Number of researchers/1000 active population, 2011 (headcount)	6.0 ‰	10.6 ‰	24
Non-EU doctorate students as a % of all doctorate students, 2011	8.4 %	24.2 %	13

Source: Eurostat

	Italy	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	34.9 %	33.2 %	15
Share of women PhD graduates, 2012 (% based on headcount)	53.2 %	47 %	6
Share of women senior researchers, 2010 or latest available data (% based on headcount)	20 %	20 % (EU27)	8
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	23.4 %	15.5 % (EU28)	3

Source: Eurostat and She figures (2013)

Outputs	Italy	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	4.5	2.89	2
Co-publications within the EU by researcher, 2000-2011	0.7	0.45	5
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.6	0.45	5
PCT patent	0.021	0.02	7

Source: DG RTD, Economic Analysis Unit

2013	Italy	Ranking of the cluster among EU Member States	EU	Italy	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	46.2 %	6	39.6 %	84.9 %	13	81.2 %
Cluster Limited ERA compliance	39.7 %	19	45.0 %	14.5 %	15	16.8 %
Cluster ERA not applicable	14.1 %	15	15.4 %	0.6 %	22	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

LATVIA - SNAPSHOT

Public funding for Research	Latvia	EU	Ranking among EU Member States
GBAORD, 2012	EUR 32.8 m	EUR 90670.3 m	27
GBAORD per capita, 2012	EUR 16.1	EUR 178.6	26
GBAORD/GDP, 2012	0.1 %	0.7 %	28
GBAORD as share of total government expenditures, 2012	0.4 %	1.4 %	26
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	6.1 %		3

Source: Eurostat and OECD

Researchers	Latvia	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	7377	2545544	25

Number of researchers/1000 active population, 2011 (headcount)	7.2 ‰	10.6 ‰	21
Non-EU doctorate students as a % of all doctorate students, 2011	0.2 %	24.2 %	24

Source: Eurostat

	Latvia	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	53.3 %	33.2 %	1
Share of women PhD graduates, 2012 (% based on headcount)	59.9 %	47 %	1
Share of women senior researchers, 2010 or latest available data (% based on headcount)	32 %	20 % (EU27)	2
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	22.2 %	15.5 % (EU28)	4

Source: Eurostat and She figures (2013)

Outputs	Latvia	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	0.9	2.89	27
Co-publications within the EU by researcher, 2000-2011	0.2	0.45	26
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.1	0.45	25
PCT patent	0.002	0.02	24

Source: DG RTD, Economic Analysis Unit

2013	Latvia	Ranking of the cluster among EU Member States	EU	Latvia	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	21.4 %	20	39.6 %	56.6 %	19	81.2 %
Cluster Limited ERA compliance	64.3 %	3	45.0 %	37.8 %	10	16.8 %
Cluster ERA not applicable	14.3 %	14	15.4 %	5.6 %	5	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

LITHUANIA - SNAPSHOT

Public funding for Research	Lithuania	EU	Ranking among EU Member States
GBAORD, 2012	EUR 119.6 m	EUR 90670.3 m	24
GBAORD per capita, 2012	EUR 39.8	EUR 178.6	23
GBAORD/GDP, 2012	0.4 %	0.7 %	22
GBAORD as share of total government expenditures, 2012	1.0 %	1.4 %	20
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	0.6 %		20

Source: Eurostat and OECD

Researchers	Lithuania	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	17358	2545544	20

Number of researchers/1000 active population, 2011 (headcount)	11.7 ‰	10.6 ‰	12
Non-EU doctorate students as a % of all doctorate students, 2011	0 %	24.2 %	25

Source: Eurostat

	Lithuania	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	52.1 %	33.2 %	2
Share of women PhD graduates, 2012 (% based on headcount)	57.0 %	47 %	2
Share of women senior researchers, 2010 or latest available data (% based on headcount)	14 %	20 % (EU27)	12
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	11.8 %	15.5 % (EU28)	14

Source: Eurostat and She figures (2013)

Outputs	Lithuania	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	1.1	2.89	25
Co-publications within the EU by researcher, 2000-2011	0.2	0.45	27
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.1	0.45	26
PCT patent	0.001	0.02	27

Source: DG RTD, Economic Analysis Unit

2013	Lithuania	Ranking of the cluster among EU Member States	EU	Lithuania	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	53.8 %	2	39.6 %	87.0 %	11	81.2 %
Cluster Limited ERA compliance	46.2 %	16	45.0 %	13.0 %	17	16.8 %
Cluster ERA not applicable	n.a. %	0	15.4 %	n.a. %	0	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

LUXEMBOURG - SNAPSHOT

Public funding for Research	Luxembourg	EU	Ranking among EU Member States
GBAORD, 2012	EUR 282.5 m	EUR 90670.3 m	21
GBAORD per capita, 2012	EUR 538.3	EUR 178.6	1
GBAORD/GDP, 2012	0.7 %	0.7 %	13
GBAORD as share of total government expenditures, 2012	1.5 %	1.4 %	11
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	6.5 %		9
Share of GBAORD allocated as project based, 2013	5.8 %		6
Share of GBAORD allocated as institutional funding, 2012	93.5 %		1
Share of GBAORD allocated as institutional funding, 2013	94.2 %		1
Share of GBAORD allocated to transnational cooperation, 2012	0.9 %		19

Source: Eurostat and OECD

Researchers	Luxembourg	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	3267	2545544	28

Number of researchers/1000 active population, 2011 (headcount)	13.8 ‰	10.6 ‰	6
Non-EU doctorate students as a % of all doctorate students, 2011	20.3 %	24.2 %	7

Source: Eurostat

	Luxembourg	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	24 %	33.2 %	27
Share of women PhD graduates, 2012 (% based on headcount)	50.9 %	47 %	9
Share of women senior researchers, 2010 or latest available data (% based on headcount)	9 %	20 % (EU27)	16
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	0.0 %	15.5 % (EU28)	20

Source: Eurostat and She figures (2013)

Outputs	Luxembourg	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	n.a.	2.89	0
Co-publications within the EU by researcher, 2000-2011	n.a.	0.45	0
Co-publications with researchers from outside the EU by researcher, 2000-2011	n.a.	0.45	0
PCT patent	n.a.	0.02	0

Source: DG RTD, Economic Analysis Unit

2013	Luxembourg	Ranking of the cluster among EU Member States	EU	Luxembourg	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	50.0 %	5	39.6 %	94.8 %	2	81.2 %
Cluster Limited ERA compliance	50.0 %	12	45.0 %	5.2 %	27	16.8 %
Cluster ERA not applicable	n.a. %	0	15.4 %	n.a. %	0	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

MALTA - SNAPSHOT

Public funding for Research	Malta	EU	Ranking among EU Member States
GBAORD, 2012	EUR 20.4 m	EUR 90670.3 m	28
GBAORD per capita, 2012	EUR 48.9	EUR 178.6	22
GBAORD/GDP, 2012	0.3 %	0.7 %	25
GBAORD as share of total government expenditures, 2012	0.7 %	1.4 %	24
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	0.4 %		21

Source: Eurostat and OECD

Researchers	Malta	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	1273	2545544	27

Number of researchers/1000 active population, 2011 (headcount)	7.1 ‰	10.6 ‰	22
Non-EU doctorate students as a % of all doctorate students, 2011	1.4 %	24.2 %	23

Source: Eurostat

	Malta	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	26.9 %	33.2 %	23
Share of women PhD graduates, 2012 (% based on headcount)	n.a. %	47 %	0
Share of women senior researchers, 2010 or latest available data (% based on headcount)	n.a. %	20 % (EU27)	0
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	n.a. %	15.5 % (EU28)	0

Source: Eurostat and She figures (2013)

Outputs	Malta	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	1.4	2.89	24
Co-publications within the EU by researcher, 2000-2011	0.4	0.45	18
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.1	0.45	27
PCT patent	0.005	0.02	16

Source: DG RTD, Economic Analysis Unit

2013	Malta	Ranking of the cluster among EU Member States	EU	Malta	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	n.a. %	0	39.6 %	n.a. %	0	81.2 %
Cluster Limited ERA compliance	33.3 %	26	45.0 %	99.3 %	1	16.8 %
Cluster ERA not applicable	66.7 %	1	15.4 %	0.7 %	21	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

NETHERLANDS - SNAPSHOT

Public funding for Research	Netherlands	EU	Ranking among EU Member States
GBAORD, 2012	EUR 4664.9 m	EUR 90670.3 m	6
GBAORD per capita, 2012	EUR 278.8	EUR 178.6	7
GBAORD/GDP, 2012	0.8 %	0.7 %	8
GBAORD as share of total government expenditures, 2012	1.5 %	1.4 %	9
Tax incentives, 2009 (share of GBAORD)	0.12	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	29.2 %		5
Share of GBAORD allocated as project based, 2013	29.2 %		4
Share of GBAORD allocated as institutional funding, 2012	70.7 %		5
Share of GBAORD allocated as institutional funding, 2013	70.7 %		3
Share of GBAORD allocated to transnational cooperation, 2012	2.9 %		13

Source: Eurostat and OECD

Researchers	Netherlands	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	82991	2545544	8

Number of researchers/1000 active population, 2011 (headcount)	9.5 ‰	10.6 ‰	16
Non-EU doctorate students as a % of all doctorate students, 2011	20.9 %	24.2 %	5

Source: Eurostat

	Netherlands	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	24.1 %	33.2 %	26
Share of women PhD graduates, 2012 (% based on headcount)	44.9 %	47 %	21
Share of women senior researchers, 2010 or latest available data (% based on headcount)	13 %	20 % (EU27)	13
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	13.6 %	15.5 % (EU28)	11

Source: Eurostat and She figures (2013)

Outputs	Netherlands	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	4.7	2.89	1
Co-publications within the EU by researcher, 2000-2011	0.9	0.45	2
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.7	0.45	2
PCT patent	0.030	0.02	3

Source: DG RTD, Economic Analysis Unit

2013	Netherlands	Ranking of the cluster among EU Member States	EU	Netherlands	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	50.0 %	5	39.6 %	88.2 %	7	81.2 %
Cluster Limited ERA compliance	46.9 %	15	45.0 %	11.7 %	18	16.8 %
Cluster ERA not applicable	3.1 %	25	15.4 %	0.1 %	26	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

POLAND - SNAPSHOT

Public funding for Research	Poland	EU	Ranking among EU Member States
GBAORD, 2012	EUR 1370.1 m	EUR 90670.3 m	13
GBAORD per capita, 2012	EUR 35.6	EUR 178.6	24
GBAORD/GDP, 2012	0.4 %	0.7 %	23
GBAORD as share of total government expenditures, 2012	0.9 %	1.4 %	22
Tax incentives, 2009 (share of GBAORD)	0.00	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	3 %		12

Source: Eurostat and OECD

Researchers	Poland	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	100723	2545544	6

Number of researchers/1000 active population, 2011 (headcount)	5.8 ‰	10.6 ‰	25
Non-EU doctorate students as a % of all doctorate students, 2011	1.9 %	24.2 %	21

Source: Eurostat

	Poland	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	38.6 %	33.2 %	10
Share of women PhD graduates, 2012 (% based on headcount)	53.2 %	47 %	6
Share of women senior researchers, 2010 or latest available data (% based on headcount)	n.a. %	20 % (EU27)	0
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	n.a. %	15.5 % (EU28)	0

Source: Eurostat and She figures (2013)

Outputs	Poland	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.6	2.89	15
Co-publications within the EU by researcher, 2000-2011	0.3	0.45	23
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.2	0.45	19
PCT patent	0.003	0.02	20

Source: DG RTD, Economic Analysis Unit

2013	Poland	Ranking of the cluster among EU Member States	EU	Poland	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	35.2 %	15	39.6 %	69.9 %	16	81.2 %
Cluster Limited ERA compliance	59.3 %	5	45.0 %	27.7 %	13	16.8 %
Cluster ERA not applicable	5.6 %	24	15.4 %	2.4 %	10	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

PORTUGAL - SNAPSHOT

Public funding for Research	Portugal	EU	Ranking among EU Member States
GBAORD, 2012	EUR 1555.4 m	EUR 90670.3 m	12
GBAORD per capita, 2012	EUR 147.5	EUR 178.6	12
GBAORD/GDP, 2012	0.9 %	0.7 %	3
GBAORD as share of total government expenditures, 2012	2.0 %	1.4 %	3
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	23.5 %		7
Share of GBAORD allocated as project based, 2013	22 %		5
Share of GBAORD allocated as institutional funding, 2012	76.5 %		3
Share of GBAORD allocated as institutional funding, 2013	78 %		2
Share of GBAORD allocated to transnational cooperation, 2012	2.2 %		16

Source: Eurostat and OECD

Researchers	Portugal	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	100435	2545544	7

Number of researchers/1000 active population, 2011 (headcount)	18.1 ‰	10.6 ‰	3
Non-EU doctorate students as a % of all doctorate students, 2011	12 %	24.2 %	10

Source: Eurostat

	Portugal	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	46.4 %	33.2 %	5
Share of women PhD graduates, 2012 (% based on headcount)	56.3 %	47 %	3
Share of women senior researchers, 2010 or latest available data (% based on headcount)	22 %	20 % (EU27)	6
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	7.3 %	15.5 % (EU28)	18

Source: Eurostat and She figures (2013)

Outputs	Portugal	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	1.0	2.89	26
Co-publications within the EU by researcher, 2000-2011	0.2	0.45	25
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.1	0.45	23
PCT patent	0.001	0.02	26

Source: DG RTD, Economic Analysis Unit

2013	Portugal	Ranking of the cluster among EU Member States	EU	Portugal	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	40.7 %	11	39.6 %	87.9 %	10	81.2 %
Cluster Limited ERA compliance	39.0 %	21	45.0 %	8.7 %	22	16.8 %
Cluster ERA not applicable	20.3 %	10	15.4 %	3.5 %	8	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

ROMANIA - SNAPSHOT

Public funding for Research	Romania	EU	Ranking among EU Member States
GBAORD, 2012	EUR 290.5 m	EUR 90670.3 m	20
GBAORD per capita, 2012	EUR 14.5	EUR 178.6	27
GBAORD/GDP, 2012	0.2 %	0.7 %	27
GBAORD as share of total government expenditures, 2012	0.6 %	1.4 %	25
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	n.a.		0

Source: Eurostat and OECD

Researchers	Romania	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	25489	2545544	17

Number of researchers/1000 active population, 2011 (headcount)	2.6 ‰	10.6 ‰	28
Non-EU doctorate students as a % of all doctorate students, 2011	2.1 %	24.2 %	20

Source: Eurostat

	Romania	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	46.1 %	33.2 %	6
Share of women PhD graduates, 2012 (% based on headcount)	55.3 %	47 %	4
Share of women senior researchers, 2010 or latest available data (% based on headcount)	36 %	20 % (EU27)	1
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	8.8 %	15.5 % (EU28)	17

Source: Eurostat and She figures (2013)

Outputs	Romania	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.7	2.89	11
Co-publications within the EU by researcher, 2000-2011	0.5	0.45	9
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.2	0.45	21
PCT patent	0.001	0.02	25

Source: DG RTD, Economic Analysis Unit

2013	Romania	Ranking of the cluster among EU Member States	EU	Romania	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	35.6 %	14	39.6 %	43.7 %	23	81.2 %
Cluster Limited ERA compliance	37.8 %	23	45.0 %	14.5 %	16	16.8 %
Cluster ERA not applicable	26.7 %	6	15.4 %	41.8 %	1	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

SLOVAKIA - SNAPSHOT

Public funding for Research	Slovakia	EU	Ranking among EU Member States
GBAORD, 2012	EUR 294.7 m	EUR 90670.3 m	19
GBAORD per capita, 2012	EUR 54.5	EUR 178.6	21
GBAORD/GDP, 2012	0.4 %	0.7 %	19
GBAORD as share of total government expenditures, 2012	1.1 %	1.4 %	18
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	3.4 %		10

Source: Eurostat and OECD

Researchers	Slovakia	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	24711	2545544	18

Number of researchers/1000 active population, 2011 (headcount)	9.2 ‰	10.6 ‰	17
Non-EU doctorate students as a % of all doctorate students, 2011	1.4 %	24.2 %	23

Source: Eurostat

	Slovakia	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	42.6 %	33.2 %	8
Share of women PhD graduates, 2012 (% based on headcount)	48.7 %	47 %	14
Share of women senior researchers, 2010 or latest available data (% based on headcount)	23 %	20 % (EU27)	5
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	9.1 %	15.5 % (EU28)	16

Source: Eurostat and She figures (2013)

Outputs	Slovakia	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	1.7	2.89	23
Co-publications within the EU by researcher, 2000-2011	0.4	0.45	19
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.1	0.45	24
PCT patent	0.002	0.02	23

Source: DG RTD, Economic Analysis Unit

2013	Slovakia	Ranking of the cluster among EU Member States	EU	Slovakia	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	16.7 %	24	39.6 %	40.6 %	24	81.2 %
Cluster Limited ERA compliance	54.2 %	9	45.0 %	41.2 %	7	16.8 %
Cluster ERA not applicable	29.2 %	3	15.4 %	18.2 %	2	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

SLOVENIA - SNAPSHOT

Public funding for Research	Slovenia	EU	Ranking among EU Member States
GBAORD, 2012	EUR 190.0 m	EUR 90670.3 m	22
GBAORD per capita, 2012	EUR 92.4	EUR 178.6	17
GBAORD/GDP, 2012	0.5 %	0.7 %	17
GBAORD as share of total government expenditures, 2012	1.1 %	1.4 %	16
Tax incentives, 2009 (share of GBAORD)	0.14	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	21.3 %		8
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	78.7 %		2
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	2.3 %		15

Source: Eurostat and OECD

Researchers	Slovenia	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	12514	2545544	22

Number of researchers/1000 active population, 2011 (headcount)	12.3 ‰	10.6 ‰	10
Non-EU doctorate students as a % of all doctorate students, 2011	6.4 %	24.2 %	15

Source: Eurostat

	Slovenia	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	36.4 %	33.2 %	14
Share of women PhD graduates, 2012 (% based on headcount)	50.4 %	47 %	11
Share of women senior researchers, 2010 or latest available data (% based on headcount)	20 %	20 % (EU27)	8
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	n.a. %	15.5 % (EU28)	0

Source: Eurostat and She figures (2013)

Outputs	Slovenia	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	3.0	2.89	9
Co-publications within the EU by researcher, 2000-2011	0.5	0.45	12
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.4	0.45	11
PCT patent	0.011	0.02	12

Source: DG RTD, Economic Analysis Unit

2013	Slovenia	Ranking of the cluster among EU Member States	EU	Slovenia	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	15.8 %	26	39.6 %	13.9 %	26	81.2 %
Cluster Limited ERA compliance	68.4 %	1	45.0 %	80.5 %	3	16.8 %
Cluster ERA not applicable	15.8 %	13	15.4 %	5.6 %	6	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

SPAIN - SNAPSHOT

Public funding for Research	Spain	EU	Ranking among EU Member States
GBAORD, 2012	EUR 6185.2 m	EUR 90670.3 m	5
GBAORD per capita, 2012	EUR 132.1	EUR 178.6	14
GBAORD/GDP, 2012	0.6 %	0.7 %	14
GBAORD as share of total government expenditures, 2012	1.3 %	1.4 %	13
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	3.8 %		8

Source: Eurostat and OECD

Researchers	Spain	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	220254	2545544	4

Number of researchers/1000 active population, 2011 (headcount)	9.5 ‰	10.6 ‰	15
Non-EU doctorate students as a % of all doctorate students, 2011	18 %	24.2 %	8

Source: Eurostat

	Spain	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	38.7 %	33.2 %	9
Share of women PhD graduates, 2012 (% based on headcount)	48.6 %	47 %	15
Share of women senior researchers, 2010 or latest available data (% based on headcount)	17 %	20 % (EU27)	10
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	n.a. %	15.5 % (EU28)	0

Source: Eurostat and She figures (2013)

Outputs	Spain	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	2.5	2.89	16
Co-publications within the EU by researcher, 2000-2011	0.4	0.45	22
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.3	0.45	13
PCT patent	0.009	0.02	13

Source: DG RTD, Economic Analysis Unit

2013	Spain	Ranking of the cluster among EU Member States	EU	Spain	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	39.5 %	12	39.6 %	59.2 %	18	81.2 %
Cluster Limited ERA compliance	48.4 %	14	45.0 %	39.0 %	9	16.8 %
Cluster ERA not applicable	12.1 %	18	15.4 %	1.8 %	13	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

SWEDEN - SNAPSHOT

Public funding for Research	Sweden	EU	Ranking among EU Member States
GBAORD, 2012	EUR 3581.6 m	EUR 90670.3 m	7
GBAORD per capita, 2012	EUR 377.7	EUR 178.6	4
GBAORD/GDP, 2012	0.9 %	0.7 %	5
GBAORD as share of total government expenditures, 2012	1.7 %	1.4 %	6
Tax incentives, 2009 (share of GBAORD)	n.a.	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	4.3 %		6

Source: Eurostat and OECD

Researchers	Sweden	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	80039	2545544	9

Number of researchers/1000 active population, 2011 (headcount)	16.0 ‰	10.6 ‰	4
Non-EU doctorate students as a % of all doctorate students, 2011	22 %	24.2 %	3

Source: Eurostat

	Sweden	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	37.2 %	33.2 %	0
Share of women PhD graduates, 2012 (% based on headcount)	48.4 %	47 %	16
Share of women senior researchers, 2010 or latest available data (% based on headcount)	20 %	20 % (EU27)	8
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	26.9 %	15.5 % (EU28)	1

Source: Eurostat and She figures (2013)

Outputs	Sweden	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	3.3	2.89	7
Co-publications within the EU by researcher, 2000-2011	0.6	0.45	6
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.6	0.45	3
PCT patent	0.036	0.02	2

Source: DG RTD, Economic Analysis Unit

2013	Sweden	Ranking of the cluster among EU Member States	EU	Sweden	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	41.7 %	9	39.6 %	95.8 %	1	81.2 %
Cluster Limited ERA compliance	33.3 %	26	45.0 %	4.0 %	28	16.8 %
Cluster ERA not applicable	25.0 %	8	15.4 %	0.2 %	24	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014

UNITED KINGDOM - SNAPSHOT

Public funding for Research	United Kingdom	EU	Ranking among EU Member States
GBAORD, 2012	EUR 11040.9 m	EUR 90670.3 m	3
GBAORD per capita, 2012	EUR 173.9	EUR 178.6	10
GBAORD/GDP, 2012	0.6 %	0.7 %	15
GBAORD as share of total government expenditures, 2012	1.2 %	1.4 %	15
Tax incentives, 2009 (share of GBAORD)	0.07	n.a.	n.a.
Share of GBAORD allocated as project based, 2012	n.a.		n.a.
Share of GBAORD allocated as project based, 2013	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2012	n.a.		n.a.
Share of GBAORD allocated as institutional funding, 2013	n.a.		n.a.
Share of GBAORD allocated to transnational cooperation, 2012	4.9 %		4

Source: Eurostat and OECD

Researchers	United Kingdom	EU	Ranking among EU Member States
Number of researchers, 2011 (headcount)	429009	2545544	2

Number of researchers/1000 active population, 2011 (headcount)	13.6 ‰	10.6 ‰	7
Non-EU doctorate students as a % of all doctorate students, 2011	30.7 %	24.2 %	2

Source: Eurostat

	United Kingdom	EU	Ranking among EU Member States
Share of women researchers, 2011 (headcount)	37.7 %	33.2 %	11
Share of women PhD graduates, 2012 (% based on headcount)	46.1 %	47 %	18
Share of women senior researchers, 2010 or latest available data (% based on headcount)	17 %	20 % (EU27)	10
Proportion of women heads of institutions in the Higher Education Sector, 2010 (% based on headcount)	n.a. %	15.5 % (EU28)	0

Source: Eurostat and She figures (2013)

Outputs	United Kingdom	EU	Ranking among EU Member States
Publications by researcher, 2000-2011	3.0	2.89	8
Co-publications within the EU by researcher, 2000-2011	0.4	0.45	21
Co-publications with researchers from outside the EU by researcher, 2000-2011	0.6	0.45	4
PCT patent	0.013	0.02	11

Source: DG RTD, Economic Analysis Unit

2013	United Kingdom	Ranking of the cluster among EU Member States	EU	United Kingdom	Ranking of the cluster among EU Member States	EU
	Share of institutions			Share of institutions (weighted)		
Cluster ERA compliant	51.3 %	4	39.6 %	91.8 %	4	81.2 %
Cluster Limited ERA compliance	35.9 %	24	45.0 %	7.1 %	25	16.8 %
Cluster ERA not applicable	12.8 %	17	15.4 %	1.0 %	18	2.0 %

Source: DG RTD, ERA policy reforms unit, ERA survey 2014