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GENDER EQUALITY REPORT  
SIXTH FRAMEWORK PROGRAMME







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## 1. SUMMARY

In 1999, the Commission adopted a Communication<sup>1</sup> in which, among other commitments, it undertook to develop a coherent approach towards promoting women in research, financed by the European Communities, with the aim of significantly increasing the number of women involved in research during the period of the Fifth Framework Programme. The Commission's stated aim was to achieve at least a 40% representation of women in Marie Curie scholarships, advisory groups, assessment panels and monitoring panels. This target was subsequently expanded to include all groups, panels, committees and projects involved in the Framework Programme. The 40% target remained in place for FP6 and is currently in place for FP7<sup>2</sup>.

On the basis of the data presented in the report, it is clear that setting the 40% target at the start of FP5 had a positive impact on the number of women involved in FP5 and in most cases an even more positive impact on FP6. The percentage of women has steadily increased since 1999.

The statistical booklet *She Figures 2006* provides a valuable benchmarking to compare Framework Programme research with overall scientific research in Europe. Both the *She Figures* booklet and the Gender Equality report show a certain degree of horizontal (thematic) and vertical (hierarchical) segregation.

The percentage of women in FP-related committees and panels (approximately 26% in 2006) is slightly lower than the overall percentage of women researchers recorded in Europe in 2003 (29%). It should also be noted that both the *She Figures* booklet and the Gender Equality Report suggest the existence of a 'glass ceiling effect' for female researchers. *She Figures 2006* shows that, in 2003, there were 59% female graduates and only 15% female professors in a typical academic career. Likewise, taking the FP6 STREP projects as an example, we can see that while there are nearly 50% female PhD students involved in STREP actions, less than 20% of the *scientists in charge* were female<sup>3</sup>.

The data presented in this report indicate a similar success rate for female and male *scientific coordinators*. However, women being far more present as scientific coordinators of smaller FP6 funding instruments, this does not indicate a similar funding distribution for female and male *scientific coordinators*.

Recommendations from this report focus on the importance of reaching and possibly increasing the 40% target, together with the importance of ensuring systematic follow-up of data collection on women in Framework Programme research.

The data presented in this report were collected partly through IT applications used by the European Commission, and partly manually thanks to the cooperation of officers in the different Directorates of DG Research.

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<sup>1</sup> COM(1999) 76 Final of 17.02.1999.

<sup>2</sup> For the documents mentioning the 40% target, please see COM(1999) 76; 1999/C 201/01; SEC 2005 370; Council Conclusions on Family-Friendly Scientific Careers, 2871st COMPETITIVENESS (INTERNAL MARKET, INDUSTRY and RESEARCH) Council meeting Brussels, 29 and 30 May 2008.

<sup>3</sup> Please see Table 6 – page 17.



## 2. GENDER DATA IN THE SIXTH FRAMEWORK PROGRAMME

It is clear from the little data that is available for FP4 that setting the 40% target at the start of FP5 had a positive impact on the number of women involved in FP5 and in most cases an even more positive impact on FP6. The percentage of women has steadily increased since 1999.

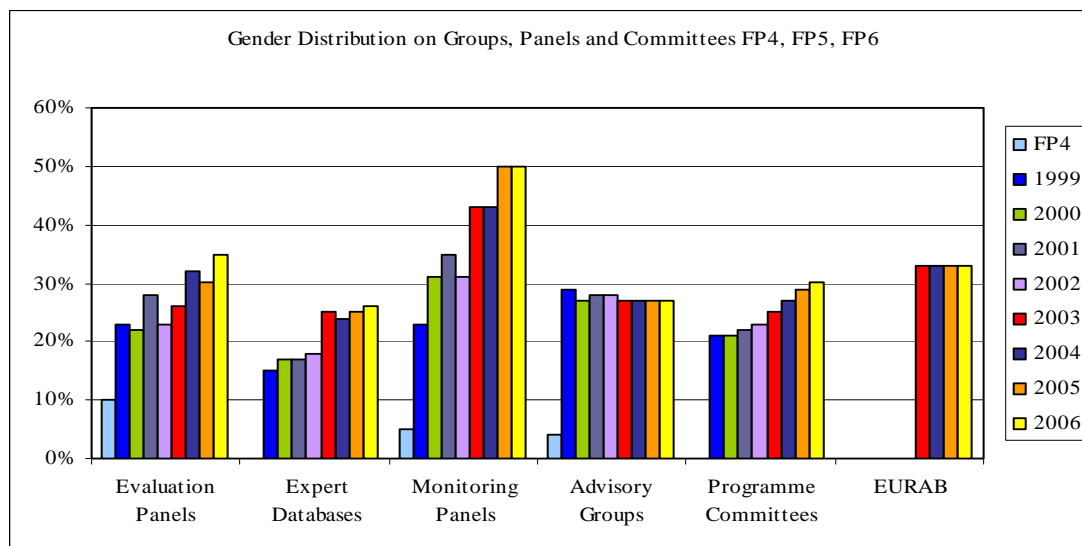


Fig. 1 – Distribution of Women in Groups, Panels and Committees (FP4, 5, 6)

### 2.1. Evaluation Panels

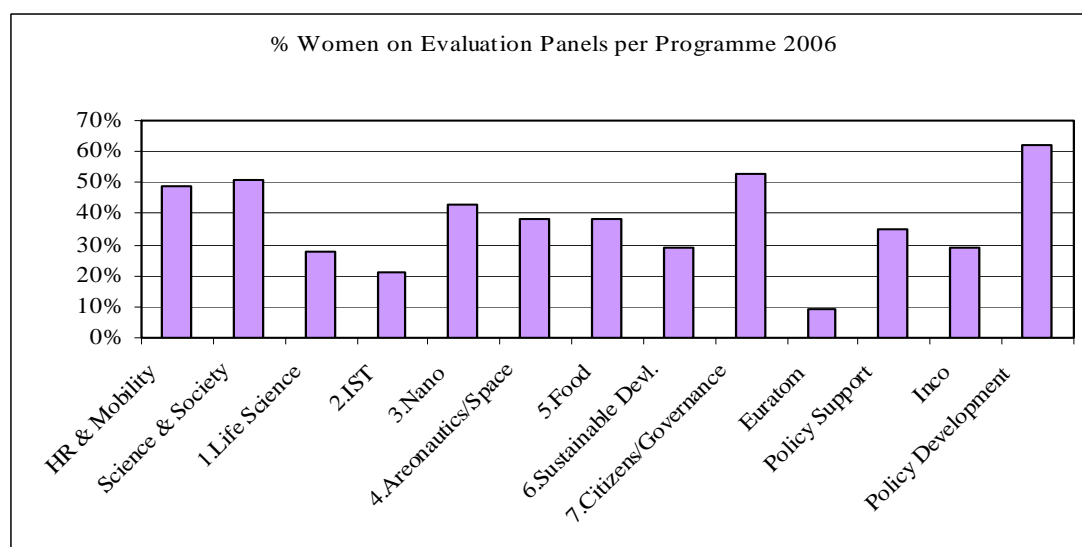


Fig. 2 – Percentage of Women on Evaluation Panels per Programme (2006)<sup>4</sup>

<sup>4</sup> For readability purposes, the figures in the graph have been rounded to the closest full value, and the programmes' headings have been shortened. The correct names are, in the graph from left to right: Marie Curie Actions, Human Resources and mobility, and research infrastructure; Science and Society; 1.Life sciences, genomics and biotechnology for health; 2.Information society technology; 3.Nanotechnologies and Nanosciences, knowledge-based multifunctional materials and new production processes and devices; 4.Aeronautics and space; 5.Food quality and safety; 6.Sustainable Development, global change and ecosystems; 7.Citizens and governance in a knowledge-based society; Euratom; Research for Policy Support; International cooperation activities; and Support for the coherent development of policies.



In 2006, 34% of all evaluators on Evaluation Panels were women. Comparing the evaluation panel data for the different priorities, the panels for the Support for the coherent development of policies had 63% women, the panels for Citizens and Governance in a knowledge-based society had 53% women, Science and Society had 51% women and Nanotechnologies and Nanosciences, knowledge-based multifunctional materials and new production processes and devices had 43% women. At the other end of the scale, Euratom had 9% women on the Evaluation Panels.

This data is also collected by nationality and some countries are better represented than others. Several EU countries had between 40% and 60% women on evaluation panels including Belgium, Bulgaria, Estonia, Finland, Italy, Malta, Romania, Slovenia and Spain, while others such as the Netherlands, Luxembourg and Cyprus ranged from between 14% to 19%. In terms of actual numbers, Italy had the largest number of women with 139 (42%).

In 2005, 30% of the members of the evaluation panels were women (1916 women, 4408 men). In 2004, 32% of the members of the evaluation panels were women (1774 women, 3814 men). This was the highest percentage of women on evaluation panels since 1999. In 2003, 26% of the members of the evaluation panels were women (1448 women, 4023 men).

The number of women on evaluation panels has risen from 10% in FP4 to a high of 27% in FP5 and a high of 34% in FP6. This surely demonstrates the success of implementing the 40% target at the start of FP5, as the graph above shows.

## **2.2. Experts in the experts' database**

In order to evaluate the proposals submitted for possible funding during the Framework Programme (FP), the European Commission (EC) uses Independent Experts who have previously registered in the EC experts' database. At the end of FP6, in December 2006, there were 57896 experts registered in the experts' database. There were 14863 women and 43033 men. This means that 26% of the experts in the experts' database were women.

In 2005, the proportion of women in the database was 25% (12815 women, 38105 men). In 2004, 24% of the experts were women (8581 women, 26550 men) and in 2003, 25% of the experts were women (7083 women, 21722 men).

At the start of FP5, women represented 16% of the experts in the database. By the end of FP5, this figure had risen to 18%. In FP6 the figure averaged 25% and peaked at 26%.

The statistical booklet *She Figures 2006* shows that female researchers account for approximately 29% of the researcher workforce. This can be taken as a benchmark for the personnel engaged on research funded by the Framework Programme and all the groups relating to the proper functioning of the Framework Programme.

With women accounting for approximately 29% of the researcher workforce in Europe, and female experts accounting for 26% of experts registered on the EC experts database, and a target of 40% female experts in the database, there is a strong case for arguing that the Directorate General Research should continue its efforts to increase the share of female experts on the database.



It can also be stated that the percentage of women in the experts' database (26% in 2006) is slightly lower than the overall percentage of women researchers recorded in Europe in 2003 (29%).

### 2.3. Monitoring Panels

FP6 monitoring panels were established to focus and comment on the progress achieved in implementing the Work Programmes' thematic priorities. The effectiveness of the project review process, the integration of the horizontal areas, particularly the socio-economic dimension and science and society aspects, and dissemination strategies were all considered.

There were 8 members in the 2005 and 2006 Monitoring panels, of whom 4 were women. It should be noted that already in 2003 and 2004 43% of the members were women.

This number of women on monitoring panels rose from 6% in FP4 to 35% in FP5 and to 50% in FP6.

### 2.4. Advisory Groups

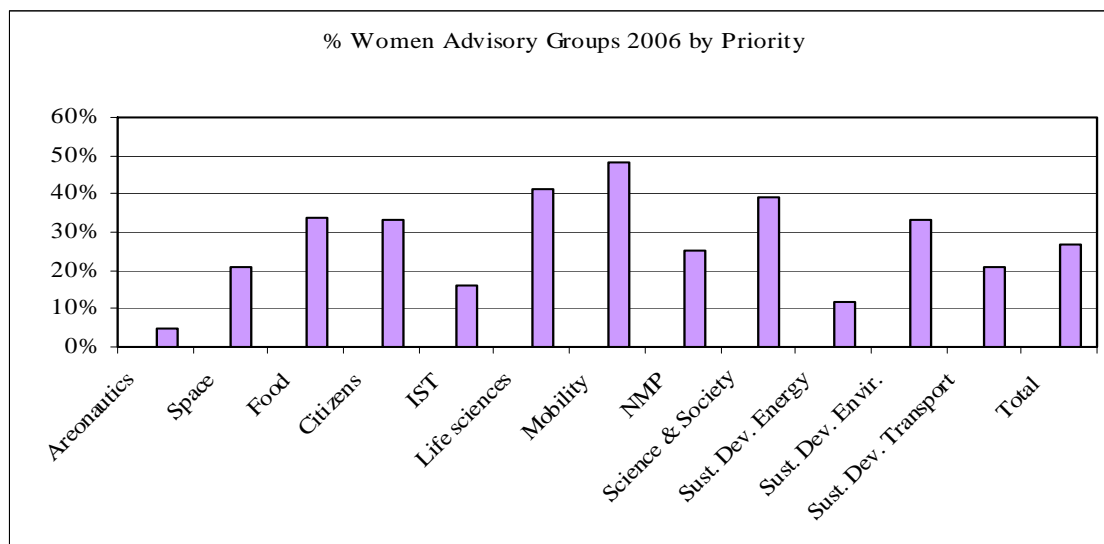


Fig. 3 – Percentage of Women in Advisory Groups by Priority (2006)<sup>5</sup>

Twelve Advisory Groups (AGs) were created to cover the research activities and areas of FP6. Advisory Group members are nominated by the Commission and give advice on the overall strategy to be followed in the development of various research activities. Members participate in the groups in their individual capacity and each group should ensure a balanced participation with respect to expertise, origin and gender.

<sup>5</sup> In this and other graphs, the programmes' headings have been shortened for readability purposes. The correct names are, in the graph from left to right: Aeronautics; Space; Food quality and safety; Citizens and governance in a knowledge-based society; Information society technology; Life sciences, genomics and biotechnology for health; Marie Curie Actions, Human Resources and mobility; Nanotechnologies and Nanosciences, knowledge-based multifunctional materials and new production processes and devices; Science and Society; Sustainable development Energy; Sustainable development Environment; Sustainable development Transport.



Between 2003 and 2006, 27% of the members of the Advisory Groups were women. There were a total of 276 members in the Advisory Groups in 2006, 75 of whom were women and 201 men. The Advisory Groups for both Life Sciences and Mobility had over 40% women, the AG for Science and Society had 39% women and the AGs for the Environment, Citizens and Governance and Food Quality and Safety had 33% and 34% respectively. At the other end of the scale, the Advisory Group for Aeronautics had 5% women.

There was very little change to the Advisory Groups during the course of the Framework Programme. The number of women on Advisory Groups rose from 4% in FP4 to 28% in FP5 and decreased again to 27% in FP6. In order to meet the target of 40%, Directors should be encouraged, as much as possible, to increase the number of women on these groups.

## 2.5. Programme Committees

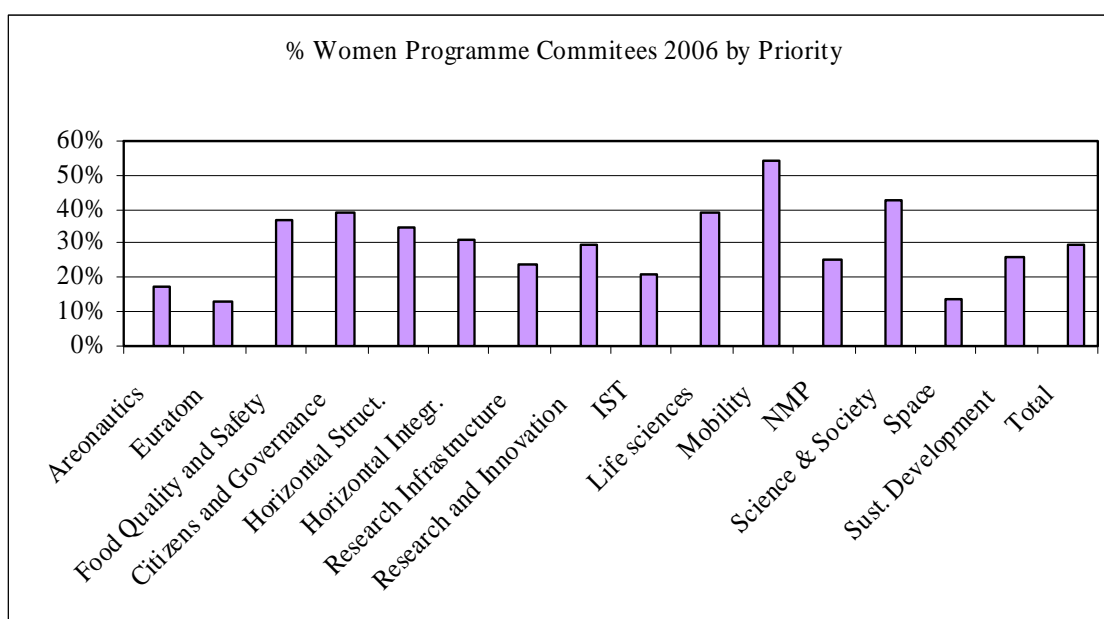


Fig. 4 – Percentage of Women on Programme Committees by Priority (2006)<sup>6</sup>

Fifteen Programme Committee configurations were established to cover the research areas and activities of FP6. Members of these Committees were nominated by member states and countries associated to the Framework Programme.

<sup>6</sup> In this and some of the following graphs, the programmes' headings have been shortened for readability purposes. The correct names are, in the graph from left to right: Aeronautics; Euratom; Food quality and safety; Citizens and governance in a knowledge-based society; Horizontal configuration of the programme committee for the execution of the specific programme for research, technological development and demonstration 'Structuring the European Research Area' (2002-2006); Horizontal configuration of the programme committee for the execution of the specific programme for research, technological development and demonstration 'Integrating and Strengthening the European Research Area' (2002-2006); Research infrastructure; Research and innovation; Information society technology; Life sciences, genomics and biotechnology for health; Marie Curie Actions, Human Resources and mobility; Nanotechnologies and Nanosciences, knowledge-based multifunctional materials and new production processes and devices; Science and Society; Space; and Sustainable Development.



In 2006, 30% of the members of the Programme Committees were women. There were in total 1708 members of whom 512 were women and 1196 men. This is the highest proportion of women on Programme Committees since 1999. The Programme Committee for Mobility had 54% women and was the only Programme Committee to exceed 50%. The Programme Committee for Science and Society had 43% women, the Programme Committees for Life Sciences and Citizens and Governance had 39%, and the Programme Committee for Food Quality and Safety had 37%. At the other end of the scale, the Programme Committee for Aerospace had 14% and Euratom 17% women.

In 2003, 25% of the members of the Programme Committees were women (292 women, 858 men), in 2004 26% were women (316 women, 910 men) and in 2005 29% were women (452 women, 1126 men).

During FP5, the number of women on Programme Committees was around 23%. As it was shown above, at the end of FP6 it was 30%.

In order to meet the 40% target in all areas where this might be feasible, the MS should be encouraged to increase the number of women on these committees.

## **2.6. European Advisory Board - EURAB**

EURAB was a high level advisory board established for FP6. Throughout its existence, 33% of the members of EURAB were women.

There are a total of 45 members on EURAB, 15 are women and 30 are men.

## **2.7. Five Year Assessment Panel**

One Five Year Assessment Panel was established in FP6. There were 13 members on this panel for FP6, of whom 7 were women. Women thus represented 54% of this panel.

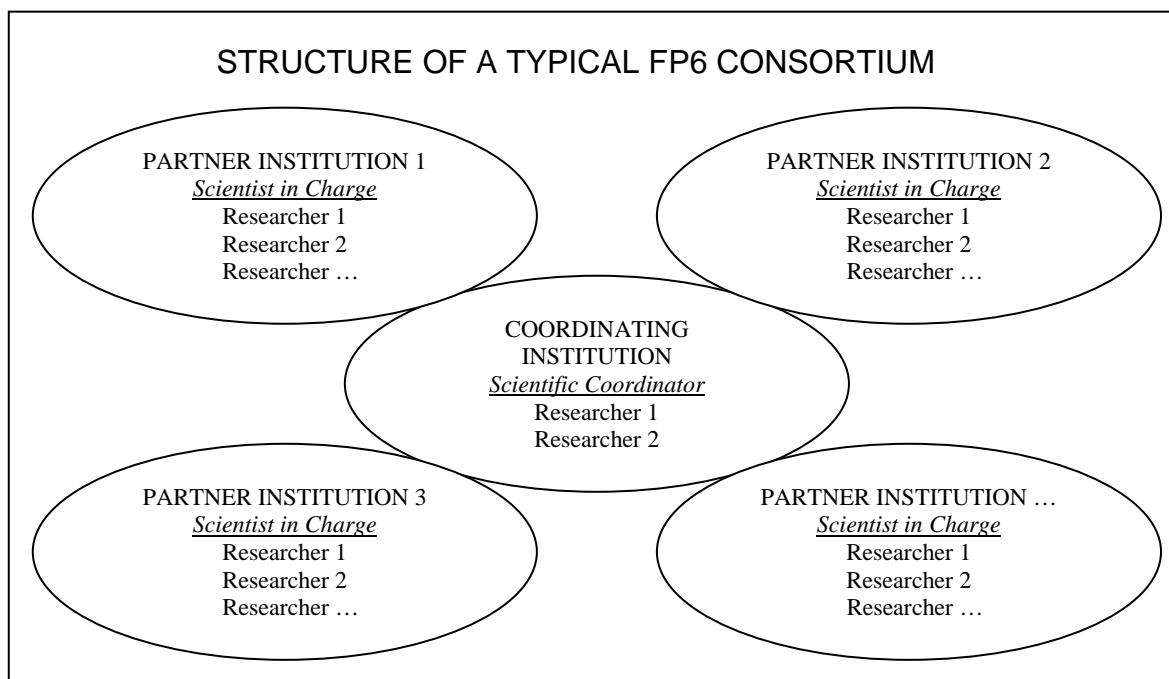
In FP5 26% of the members of the Five Year Assessment Panel were women.



### 3. PROPOSALS AND PROJECTS

#### 3.1. Overview

The data in the following sections refers to the *scientific coordinator* and *scientists in charge* for FP6 proposals preparation and projects implementation. The *scientific coordinator* coordinates the preparation of proposals and project implementation in the institution coordinating a consortium of partners. All head researchers responsible for the preparation of proposals and project implementation within institutions that are part of a consortium without taking on the coordination of the consortium are referred to in this report as *scientists in charge*.





### 3.1.1. Proposals

Almost 58000 proposals were submitted during FP6. This figure represents the total number of proposals submitted to all thematic programmes using all available funding instruments. Approximately 22000 of these were submitted to Marie Curie Actions (MCA).

**Table 1 – Gender distribution of Scientific Coordinator and Scientists in Charge for each partner institution for submitted proposals (By funding instrument)**

Funding Instrument	Scientific Coordinator				Scientist in Charge			
	F	M	Total	% Women	F	M	Total	% Women
Coordination Action	414	1431	1845	22%	4454	16389	20843	21%
Integrated Project	610	4083	4693	13%	10573	58759	69332	15%
Network of Excellence	113	959	1072	11%	4128	22332	26460	16%
Other special actions	6	34	40	15%	31	150	181	17%
Specific actions to promote research infrastructures	61	406	467	13%	523	3,286	3809	14%
Specific Support Action	1767	4925	6692	26%	7093	21692	28785	25%
Specific Targeted Project	2326	12643	14969	16%	16004	86749	102753	16%
Special research projects for SMEs	412	3040	3452	12%	3083	26712	29795	10%
<b>TOTAL</b>	<b>9811</b>	<b>47487</b>	<b>57298</b>	<b>17%</b>	<b>51996</b>	<b>265757</b>	<b>317753</b>	<b>16%</b>

Female Researchers submitted 17% (9811) of the proposals as *scientific coordinator*. Looking at the statistics for both *scientific coordinators* and *scientists in charge*, it is clear that female researchers were more likely to submit proposals for the smaller funding instruments, such as Specific Support Actions and Coordination Actions, rather than for the larger instruments like Integrated Projects and Networks of Excellence.

Female *scientific coordinators* submitted 26% (1767) of the Specific Support Action (SSA) proposals, 22% (414) of the Coordination Action (CA) proposals and between 11% and 16% for the other instruments.

Regarding *scientists in charge*, overall 16% (51996) of them were female researchers. This represents 25% for SSA's, 21% for CA's, and between 14% and 17% for the other instruments.



**Table 2 – Gender distribution of Scientific Coordinator and Scientist in Charge for each partner institution for submitted proposals (By programme)**

Programme	Scientific Coordinator				Scientist in Charge			
	F	M	Total	% Women	F	M	Total	% Women
Aeronautics and space	56	636	692	8%	615	6,437	7052	9%
Citizens and governance in a knowledge-based society	308	777	1085	28%	3,145	7,796	10941	29%
Controlled thermonuclear fusion	5	24	29	17%	13	80	93	14%
Food quality and safety	330	1045	1375	24%	3870	10580	14450	27%
Horizontal research activities involving SMEs	430	3096	3526	12%	3159	26965	30124	10%
Human resources and mobility	4,162	20038	24200	17%	6236	29817	36053	17%
Information society technologies	1108	7367	8475	13%	8198	55507	63705	13%
Life sciences, genomics and biotechnology for health	564	2205	2769	20%	5688	20305	25993	22%
Management of radioactive waste	17	114	131	13%	283	1434	1717	16%
Nanotechnologies and nanosciences, knowledge based multifunctional materials and new production processes and devices	414	3223	3637	11%	5270	38403	43673	12%
Other activities in the field of nuclear technologies and safety	6	38	44	14%	27	138	165	16%
Policy-orientated research	592	2331	2923	20%	3440	14127	17567	20%
Radiation protection	1	4	5	20%	1	7	8	13%
Research and Infrastructures	69	444	513	13%	577	3622	4199	14%
Research and Innovation	178	499	677	26%	1177	3589	4766	25%
Science and Society	422	725	1147	37%	1600	2904	4504	36%
Specific activities covering a wider field of research	2	3	5	40%		4	4	0%
Specific measures in support of international co-operation	513	1,635	2148	24%	2583	9506	12089	21%
Support for the coherent development of research and innovation policies	39	119	158	25%	236	737	973	24%
Support for the co-ordination of activities	58	159	217	27%	490	1360	1850	26%
Sustainable development, global change and ecosystems	508	2,937	3445	15%	5271	31865	37136	14%
Unknown	29	68	97	30%	117	574	691	17%
<b>TOTAL</b>	<b>9811</b>	<b>47487</b>	<b>57298</b>	<b>17%</b>	<b>51996</b>	<b>265757</b>	<b>317753</b>	<b>16%</b>

Considering the different programmes, 37% (422) of the proposals submitted to Science and Society had a woman as *scientific coordinator*; 28% (308) of the proposals submitted to Citizens and Governance in a knowledge based society had a woman as *scientific coordinator*; 24% (330) of the proposals submitted to Food Quality and Safety had a woman as *scientific coordinator* and 27% (58) of the proposals for Support for the coordination of activities had a woman as *scientific coordinator*. The area with the lowest proportion of female *scientific coordinators* to submit proposals was Aeronautics and Space with just 8% (56).



Regarding *scientists in charge*, in areas with a high proportion of female *scientific coordinators*, there tends to be a high proportion of female *scientists in charge*. 36% of Science and Society *scientists in charge* were women, 29% of *scientists in charge* in Citizens and Governance were women while only 9% of the *scientists in charge* in Aeronautics and Space were women. It should be noted that the quality of the FP6 Proposal data, collected centrally, is not perfect. The error is thus estimated to be around 10%.

### 3.1.2. Funded Projects

Approximately 11000 submitted proposals were retained for funding in FP6. This figure represents the total number of funded projects for all thematic programmes using all available funding instruments. Approximately 4400 of these were for Marie Curie Actions.

**Table 3 – Gender distribution of Scientific Coordinators and Scientists in Charge for each partner institution for funded projects (By funding instrument)**

Instrument	Scientific Coordinator				Scientist in Charge			
	F	M	Total	% Women	F	M	Total	% Women
Coordination Action	94	368	462	20%	1269	4741	6010	21%
Integrated Project	109	1037	1146	10%	2569	16587	19156	13%
Marie Curie Actions	775	3794	4569	17%	1066	5606	6672	16%
Network of Excellence	22	240	262	8%	777	4811	5588	14%
Other special actions	0	2	2	0%	0	0	0	0%
Specific actions to promote research infrastructures	16	107	123	13%	139	1266	1405	10%
Specific Support Action	334	943	1277	26%	1633	4713	6346	26%
Specific Targeted Project	408	2125	2533	16%	2954	16043	18997	16%
Special research projects for SMEs	39	342	381	10%	328	2962	3290	10%
<b>TOTAL</b>	<b>1797</b>	<b>8958</b>	<b>10755</b>	<b>17%</b>	<b>10735</b>	<b>56729</b>	<b>67464</b>	<b>16%</b>

Female researchers were *scientific coordinators* of 17% (1797) funded projects. Looking at the statistics for both *scientific coordinators* and *scientists in charge*, it is clear that female researchers were more likely to have responsibilities for the smaller instruments, such as, Specific Support Actions and Coordination Actions, than for the larger instruments like Integrated Projects and Networks of Excellence.

They have been *scientific coordinators* for 26% (334) funded SSA's, 20% funded CA's (94) and between 8% and 16% for the other instruments, apart from Other Special actions with 0%.

Regarding *scientists in charge*, overall 16% (10735) of them were female researchers, representing 26% (1633) for SSA's, 21% (1269) for CA's, and between 14% and 17% for the other instruments.



**Table 4 – Gender Distribution of Scientific Coordinators and Scientists in Charge for each partner institution for funded project (By programme)**

Programme	Scientific Coordinator				Scientist in Charge			
	F	M	Total	% Women	F	M	Total	% Women
Aeronautics and space	16	163	179	9%	196	2185	2381	8%
Citizens and governance in a knowledge-based society	56	131	187	30%	531	1309	1840	29%
Food quality and safety	48	192	240	20%	790	2134	2924	27%
Horizontal research activities involving SMEs	40	353	393	10%	343	2968	3311	10%
Human resources and mobility	812	3851	4663	17%	1154	5715	6869	17%
Information society technologies	155	1085	1240	13%	1232	9950	11182	11%
Life sciences, genomics and biotechnology for health	103	491	594	17%	1396	5182	6578	21%
Management of radioactive waste	5	33	38	13%	98	478	576	17%
Nanotechnologies and nanosciences, knowledge based multifunctional materials and new production processes and devices	77	701	778	10%	1008	8167	9175	11%
Other activities in the field of nuclear technologies and safety	1	28	29	3%	35	282	317	11%
Policy-orientated research	136	558	694	20%	891	3802	4693	19%
Radiation protection	3	7	10	30%	44	145	189	23%
Research and Infrastructures	21	127	148	14%	184	1475	1659	11%
Research and Innovation	61	148	209	29%	372	1022	1394	27%
Research Framework Programme (EC)	0	1	1	0%				0%
Science and Society	61	87	148	41%	288	419	707	41%
Specific measures in support of international co-operation	74	253	327	23%	456	1704	2160	21%
Support for the coherent development of research and innovation policies	3	15	18	17%	31	119	150	21%
Support for the co-ordination of activities	24	75	99	24%	260	710	970	27%
Sustainable development, global change and ecosystems	92	645	737	12%	1384	8834	10218	14%
Unknown	8	14	22	36%	42	129	171	25%
<b>TOTAL</b>	<b>1797</b>	<b>8958</b>	<b>10755</b>	<b>17%</b>	<b>10735</b>	<b>56729</b>	<b>67464</b>	<b>16%</b>

41% (61) of the projects funded by Science and Society were led by female *scientific coordinators*, 30% (56) of the projects funded by Citizens and Governance were led by female *scientific coordinators*, 29% (61) of the projects for Research and Innovation were led by female *scientific coordinators* while 20% (48) of the projects funded by Food Quality and Safety were from female *scientific coordinators*. 9% of the projects funded by Aeronautics and Space were led by female *scientific coordinators*.



### 3.1.3. Comparison of Proposals and Funded Projects

The table below presents the numbers of submitted proposals and funded projects by male and female researchers in FP6 together with their success rate (submitted proposals that became funded projects).

**Table 5 – Success rate of submitted proposals of women and men in FP6 for scientific coordinators**

Funding Instrument	Female Scientific Coordinator			Male Scientific Coordinator		
	Proposal	Project	Success rate	Proposal	Project	Success rate
Coordination Action	414	94	22.71%	1431	368	25.72%
Integrated Project	610	109	17.87%	4083	1037	25.40%
Network of Excellence	113	22	19.47%	959	240	25.03%
Other special actions	6	0	0.00%	34	2	5.88%
Specific actions to promote research infrastructures	61	16	26.23%	406	107	26.35%
Specific Support Action	1767	334	18.90%	4925	943	19.15%
Specific Targeted Project	2326	408	17.54%	12643	2125	16.81%
Special research projects for SMEs	412	39	9.47%	3040	342	11.25%
<b>TOTAL</b>	<b>9811</b>	<b>1797</b>	<b>18.32%</b>	<b>47487</b>	<b>8958</b>	<b>18.86%</b>

As *scientific coordinators*, men have an overall similar success rate to women with 18.86% against 18.32%.

As *scientific coordinators*, women were most successful with Coordination Actions and Specific Actions to promote Research Infrastructure.

## 3.2. Statistics on workforce in projects funded by FP6

Information on all staff involved in the implementation of a FP6 project is collected through the workforce statistics reporting questionnaires. The questionnaires were developed at the start of FP6 with the principal aim of establishing how many female researchers were working on FP6 projects. However, data collection through the SESAM reporting application has not been systematically pursued. As a result, data in this section of the Gender Equality Report have to be considered as resulting from a group of projects only, group that does not necessarily constitute a representative sample. Nevertheless, they highlight some interesting trends.



Table 6 – SESAM statistics for the smaller instruments CA's, SSA's and Streps

	CA (350 completed)			SSA (118 completed)			Strep (115 completed)		
	Women	Men	% Women	Women	Men	% Women	Women	Men	% Women
<b>Scientific Manager</b>	240	541	<b>31%</b>	127	222	<b>36%</b>	85	351	<b>19%</b>
<b>Scientific Team Leader</b>	611	1067	<b>36%</b>	269	314	<b>46%</b>	205	582	<b>26%</b>
<b>Experienced Researcher</b>	722	1908	<b>27%</b>	374	650	<b>37%</b>	525	1108	<b>32%</b>
<b>Early Researcher</b>	908	1010	<b>47%</b>	219	238	<b>48%</b>	310	447	<b>41%</b>
<b>PhD student</b>	312	288	<b>52%</b>	332	264	<b>56%</b>	279	294	<b>49%</b>
<b>Technical staff</b>	4074	4018	<b>50%</b>	449	351	<b>56%</b>	525	685	<b>43%</b>
<b>Other</b>	1019	727	<b>58%</b>	443	321	<b>58%</b>	278	296	<b>48%</b>
<b>Total</b>	<b>7886</b>	<b>9559</b>	<b>45%</b>	<b>2213</b>	<b>2360</b>	<b>48%</b>	<b>2207</b>	<b>3763</b>	<b>37%</b>

350 out of 6010 projects funded under FP6 as coordination actions duly completed the workforce statistics (5%). They show a percentage of female *scientists in charge* equal to 31%, which is higher than the overall percentage of female *scientists in charge* in all FP6 CA (21%).

Looking at Specific Support Actions, 118 out of 6346 SSA projects completed the workforce statistics (<2%). They indicate a share of 36% female *scientists in charge*, whereas the percentage of female *scientists in charge* out of the total FP6 SSAs is about 26%.

As for Specific Targeted Research Projects, 115 out of 18997 STREP projects completed the workforce statistics (<1%). They indicate a share of 19% female *scientists in charge*, whereas the percentage of female *scientists in charge* out of the total FP6 SSAs is about 16%.

The statistics also confirm the data in section 4.1, insofar as they also show that female researchers are more likely to be *scientists in charge* for the smaller FP6 instruments. More than 50% of PhD students are female researchers and more than 50% of 'other' staff are women.

**Table 7 – SESAM statistics for the larger instruments Integrated Projects (IP's) and Networks of Excellence (NoE's)**

	Integrated Projects (66 completed)			Networks of Excellence (26 completed)		
	Women	Men	% Women	Women	Men	% Women
<b>Scientific Manager</b>	442	2428	<b>15%</b>	153	682	<b>18%</b>
<b>Scientific Team Leader</b>	419	1470	<b>22%</b>	279	1047	<b>21%</b>
<b>Experienced Researcher</b>	1181	3776	<b>24%</b>	985	2575	<b>28%</b>
<b>Early Researcher</b>	1373	2935	<b>32%</b>	466	764	<b>38%</b>
<b>PhD student</b>	731	922	<b>44%</b>	778	942	<b>45%</b>
<b>Technical staff</b>	1663	2928	<b>36%</b>	700	1847	<b>27%</b>
<b>Other</b>	783	1718	<b>31%</b>	1340	2055	<b>39%</b>
<b>Total</b>	<b>6592</b>	<b>16177</b>	<b>29%</b>	<b>4701</b>	<b>9912</b>	<b>32%</b>

66 out of 19156 projects funded under FP6 Integrated projects completed the workforce statistics. According to this source, 15% of the IPs *scientists in charge* were women. This compares to the overall FP6 statistics, which show a percentage of 13% female *scientists in charge*.

26 out of 5588 projects funded under FP6 Networks of Excellence completed the workforce statistics, highlighting a percentage of 18% female *scientists in charge*. Overall FP6 data indicate a share of 14% female *scientists in charge*.

It is clear from the statistics that for the larger projects female researchers are less likely to be managers or Team Leaders although they still represent 45% of PhD students.

The data indicates a glass ceiling for female researchers. From the scissors diagram below, it is very clear that at PhD level, there is almost the same number of male and female researchers but progressing through the seniority ranks, the number of female researchers reduces considerably. For example, for IP's female researchers represent 45% of the PhD students but only 15% of the managers. The same trend can be seen in NoE's and Streps. However, for CA's and SSA's it is slightly less obvious but the figures demonstrate that the discrepancy still exists.

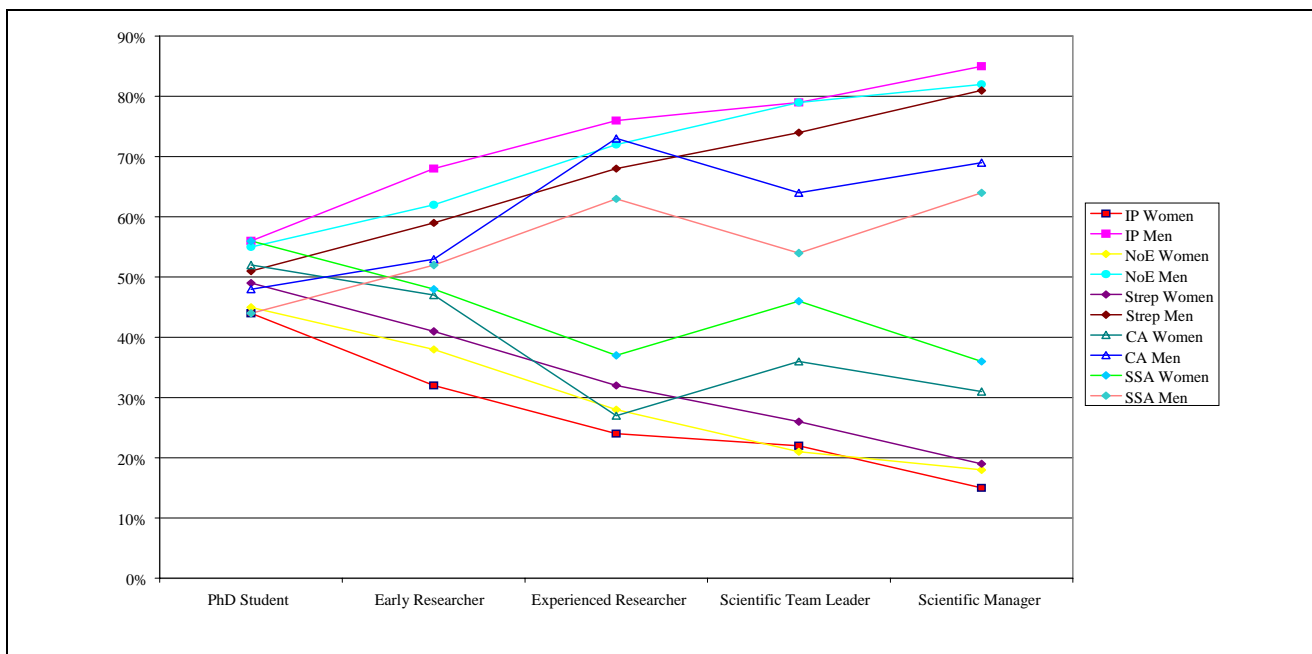


Fig. 5 – Percentage of men and women by seniority from PhD to Scientific Manager for the five main FP6 instruments

It should be noted that the graph above suggests the existence of a 'glass ceiling effect' for female researchers. The same glass ceiling effect was highlighted by the She Figures 2006 booklet. She Figures 2006 shows that, in 2003 there were 59% female graduates, and only 15% female professors in a typical academic career. Taking the STREP projects as an example, we can see in Figure 5 that while there are nearly 50% female Phd students involved in STREP actions, less than 20% of the *scientists in charge* were female.



## 4. MARIE CURIE ACTIONS

### 4.1.1. Individual Fellowships

Regarding Marie Curie Individual Fellowships in FP6, about 38% of submitted proposals regard female *fellows* (Table 8) and 16% female *scientists in charge* (Table 9). The *scientist in charge* is the scientist team leader located at the host organisation who will supervise the *fellow* researcher during the whole duration of the project. The *scientist in charge* is an evaluation criterion for the proposals. The tables below show data relating to the following instruments: EIF, Intra-European Fellowship; IIF, International Incoming Fellowship; and OIF, International Outgoing Fellowship. It is important to note that there is a requirement for transnational mobility in the Marie Curie Actions. It can be observed that that intra-European mobility (EIF) is more easily achieved for women than mobility into Europe from a third country (IIF) or out of Europe to a third country (OIF).

**Table 8 – Female Fellows in Marie Curie Individual Fellowships**

	EIF	IIF	OIF	Total	%EIF	%IIF	%OIF	Total
<b>Female</b>	3742	739	588	5069	40%	32%	37%	38%
<b>Male</b>	5672	1578	979	8229	60%	68%	62%	62%
<b>No data</b>	52	15	3	70				
<b>Total</b>	<b>9466</b>	<b>2332</b>	<b>1570</b>	<b>13368</b>				

**Table 9 – Female Scientists in Charge in Marie Curie Individual Fellowships**

	EIF	IIF	OIF	Total	%EIF	%IIF	%OIF	Total
<b>Female</b>	1486	376	274	2136	16%	16%	17%	16%
<b>Male</b>	7941	1939	1292	11172	84%	83%	82%	84%
<b>No data</b>	39	17	4	60				
<b>Total</b>	<b>9466</b>	<b>2332</b>	<b>1570</b>	<b>13368</b>				

Notwithstanding the fact that male *scientists in charge* submit a higher number of proposals than their female colleagues (to an approximate share of 60% - 40%), it can be noted that the success rate is fairly similar, as Table 10 below shows.

**Table 10 – Eligible and Funded Proposals**

	EIF			OIF			IIF		
	Eligible	Funded	Success Rate	Eligible	Funded	Success Rate	Eligible	Funded	Success Rate
<b>Female</b>	3606	618	17.2%	508	106	20.9%	696	131	18.8%
<b>Male</b>	5488	982	17.9%	893	196	21.9%	1466	249	17.0%
<b>Total</b>	<b>9094</b>	<b>1600</b>	<b>17.6%</b>	<b>1404</b>	<b>302</b>	<b>21.6%</b>	<b>2158</b>	<b>380</b>	<b>17.6%</b>



#### 4.1.2. Host Driven Actions

Regarding the Marie Curie Host Driven Actions, data derived from the Corda database and relating to funded proposals (i.e. including those invited to negotiations following the priority list, and excluding those on the reserve list who were invited into negotiation at a later stage) over FP6, there are about 22% female *scientists in charge* across the different instruments, as the graph below shows (Fig. 6). The columns refer to: RTN (Research Training Network), EST (Early Stage Training), TOK (Transfer of Knowledge), SCF/LCF (Conferences and Training Courses)<sup>7</sup>.

When looking at the percentage of proposals and funded projects with a female *scientist in charge*, however, it needs to be noted that across the different instruments, while 20.68% of the proposals submitted have a woman as *scientist in charge*, only 16.70% of the funded projects have a women as *scientist in charge* (Table 11).

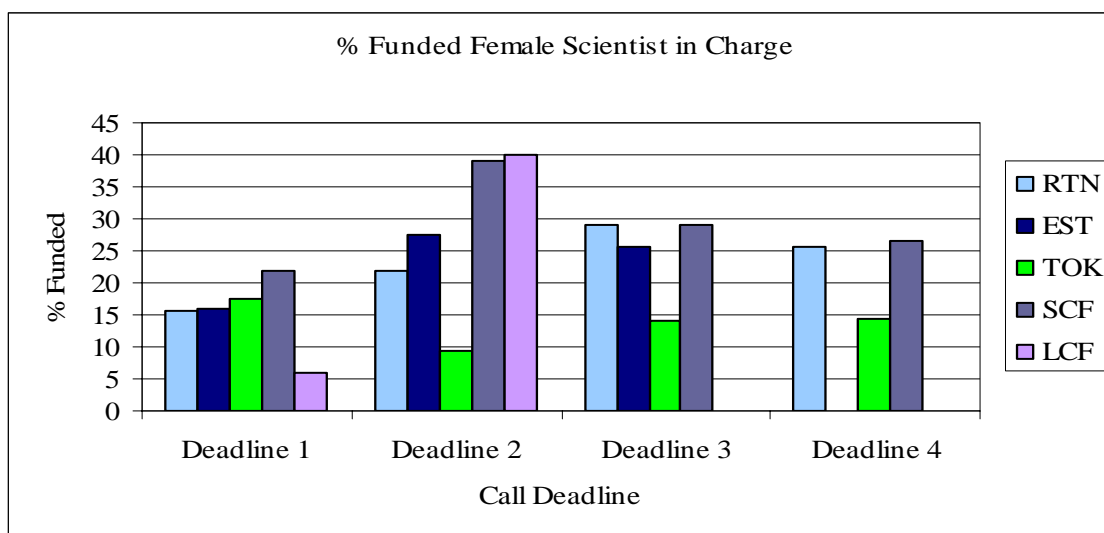


Fig. 6 – Percentage of Funded Female Scientists in Charge

<sup>7</sup>The data on recruited researchers is taken from submitted periodic reports. Only reports submitted before end February 2008 are available for statistical analysis. Most contracts are still running and still recruiting; some will be running until 2011.



**Table 11 – Percentage of Applicant and Funded Female Scientist in Charge, per Call**

		Applied			Funded		
		Female	Total	% Female	Female	Total	% Female
RTN	Deadline: 03/04/03	389	2135	18.22	58	431	13.46
	Deadline: 19/11/03	872	3942	22.12	81	448	18.08
	Deadline: 28/04/05	297	1409	21.08	31	193	16.06
	Deadline: 14/02/06	1217	5200	23.40	127	633	20.06
	Total	2775	12686	21.87	297	1705	17.42
EST	Deadline: 02/04/03	153	817	18.73	14	102	13.73
	Deadline: 11/02/04	276	1399	19.73	24	157	15.29
	Deadline: 26/05/05	252	1302	19.35	66	330	20.00
	Total	681	3518	19.36	104	589	17.66
TOK	Deadline: 22/05/03	96	658	14.59	38	252	15.08
	Deadline: 19/05/04	119	844	14.10	18	203	8.87
	Deadline: 18/05/05	103	699	14.74	27	229	11.79
	Deadline: 25/01/06	137	767	17.86	20	161	12.42
	Total	455	2968	15.33	103	845	12.19
SCF	Deadline: 01/04/03	78	428	18.22	5	28	17.86
	Deadline: 20/04/04	134	660	20.30	20	72	27.78
	Deadline: 18/05/05	158	713	22.16	27	120	22.50
	Deadline: 17/05/06	277	1072	25.84	30	141	21.28
	Total	647	2873	22.52	82	361	22.71
LCF	Deadline: 01/04/03	24	116	20.69	1	19	5.26
	Deadline: 20/04/04	22	106	20.75	2	7	28.57
	Total	46	222	20.72	3	26	11.54
<b>Total all actions</b>		<b>4604</b>	<b>22267</b>	<b>20.68</b>	<b>589</b>	<b>3526</b>	<b>16.70</b>

Regarding female researchers among recruited researchers thanks to Marie Curie Host Fellowships, the 40% objective was met among the Early Stage Researchers (ESR), where nearly 46% of the recruited researchers in the EU-27 were female. Regarding Researchers with 4 to 10 years experience (ER), this lowers to nearly 33%; and with More Experienced Researchers (MER), i.e. those with more than 10 years research experience, the percentage lowers again to 30%, however this compares favourably with the more senior researchers in most other funding instruments (Fig. 5 – Percentage of Men and Women by Seniority for Main FP6 Instruments). It is also important to note when considering these statistics that there is a requirement for international mobility in the Marie Curie Host Actions. In FP7 proposals applicants are required to address gender issues in recruitment and management and this is taken into account during the evaluation of the proposal.



**Table 12 – Percentage of female researchers among recruited researchers per country of host institute and researcher type**

Country	ESR	ER (4-10 years)	MER	TOTAL	Total n° of Researchers in the country <sup>7</sup>
AT	53,33%	35,71%	14,29%	44,04%	109
BE	42,35%	34,09%	12,5%	39,92%	248
DE	45,83%	31,88%	21,95%	40,5%	1089
DK	46,67%	39,13M%	50%	45,45%	132
EL	41,67%	26,19%	6,06%	30,67%	225
ES	44,78%	20,25%	25%	36,69%	308
FI	44,9%	35,71%	28,57%	41,43%	70
FR	42,4%	30,89%	28,95%	39,1%	821
IE	40,98%	29,59%	12,5%	29,65%	199
IT	40,7%	26,04%	8,33%	33,89%	478
NL	44,36%	29,82%	66,67%	40,41%	386
PT	52,63%	35%	30%	45,98%	87
SE	46,63%	26,87%	31,82%	40,45%	267
UK	50,05%	30,04%	23,53%	44,42%	1299
LU	0%	0%	0%	0%	1
CY	50%	12,5%	0%	13,33%	15
CZ	43,75%	4,76%	17,86%	24,69%	81
EE	71,43%	23,53%	6,25%	25%	40
HU	51,61%	11,76%	16,67%	29,49%	156
LT	50%	50%	100%	54,55%	11
LV	0%	60%	0%	30%	10
MT	0%	100%	100%	33,33%	6
PL	41,54%	21,69%	16,9%	21,5%	521
SI	50%	31,25%	16,67%	40%	50
SK	42,86%	42,86%	0%	37,5%	40
BG	33,33%	33,33%	18,18%	26,92%	26
RO	25%	33,33%	40,91%	33,33%	54



#### 4.1.3. Excellence Actions

In the Excellence Teams, the only excellence action to recruit researchers, the target of 40% female recruited researchers has been met overall: 42% of the recruited researchers are female although this varies between the levels of experience of the team member. 50% of the Early Stage Researchers are female, 40% of the Experienced Researchers are female but only 15% of the More Experienced Researchers are female, although in total only 52 more experienced researchers have been recruited.

There were 29 female team leaders and 13 female chair holders funded accounting for 26.6% of all the team leaders and 21% of all chair holders, with an overall average of 24.6%. Although these figures are low they are comparable to the percentage of females recruited as experienced or more experienced researchers in both the Host and Excellence actions which are 25.4% and 21.0% respectively and 24.7% overall. The number of applications as team leader from female researchers is 220, 23.0% of all applications. And the number of applications as chair holder from female researchers is 47, 18% of all applications. Of all the applicants to Excellence Grants and Marie Curie Chairs calls for proposals only 176 had a female Scientist in Charge, accounting for 14.5% of all proposals.

In the Marie Curie Excellence Awards 30% of all prize winners were female. Although this number is low it is higher than the percentage of females recruited as experienced or more experienced researchers in the Marie Curie Host-driven and Excellence actions.