SME participation in FP7 report

Spring 2010





	Fifth Progress Report on							
SMEs participation in the 7 th R&I	D Framework Programme							

Statistical	analysis of	f data on	Grant A	Agreements	in FP7	signed	before	the 1 ^s	t of A	April :	2010
Main data	source: CO	ORDA									

June 2010

European Commission - DG Research - SME Unit, with the support of the Interservice Taskforce on SMEs in FP7

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Executive Summary

The aim of this report is to monitor the participation of SMEs in the Cooperation Programme within the Seventh Research Framework Programme (FP7). The report also covers the SME participation in the Capacities and People programmes of FP7.

The Commission is required to pay special attention to the funding for SMEs under the Cooperation Programme, following the target in the Decision establishing FP7¹. The aim is to enable at least 15% of the funding of the programme to go to SMEs.

This Fifth SME Progress Report in FP7 includes an analysis of SME participation rates across the themes of the Cooperation Programme and of the EU contribution to SMEs in FP7 Grant Agreements (GAs) signed before 1 April 2010. In addition, an analysis is included covering also the grants to ESA, the Joint Technology Initiatives and the so-called "General activities" within the Cooperation programme.

The major outcome of this monitoring exercise is that within the Cooperation programme as a whole 14,1% (1.263 million €) of the budget has been granted to SMEs so far. The Cooperation programme still has 23.800 million € available to spend (72% of the total budget).

Although 20.000 SMEs are expected to benefit from FP7 before the end of the Programme, the trends graph on page 18 shows that the 15% target is unlikely to be met without taking specific measures. However, scheduled SME dedicated calls under the 2011 work programmes are expected to increase the EU contribution to SMEs in the Cooperation programme from 14,1% towards the 15% target. An analysis of the 2011 Work Programmes of the thematic priorities in FP7 is presented below.

In addition, the 5th SME Progress Report also includes for the first time a regional analysis of the 15% target in signed Grant Agreements within the Cooperation Programme, as well as a detailed analysis of the participation of SMEs per region in the main programmes of FP7 i.e. Capacities and People. A first finding is that the participating SMEs are concentrated in certain regions: around 30% of the participating SMEs are based in 15 of the 305 regions. Further, half of the 305 NUTS-level 2 Regions in the Member States and the Associated Countries reach the 15% target.

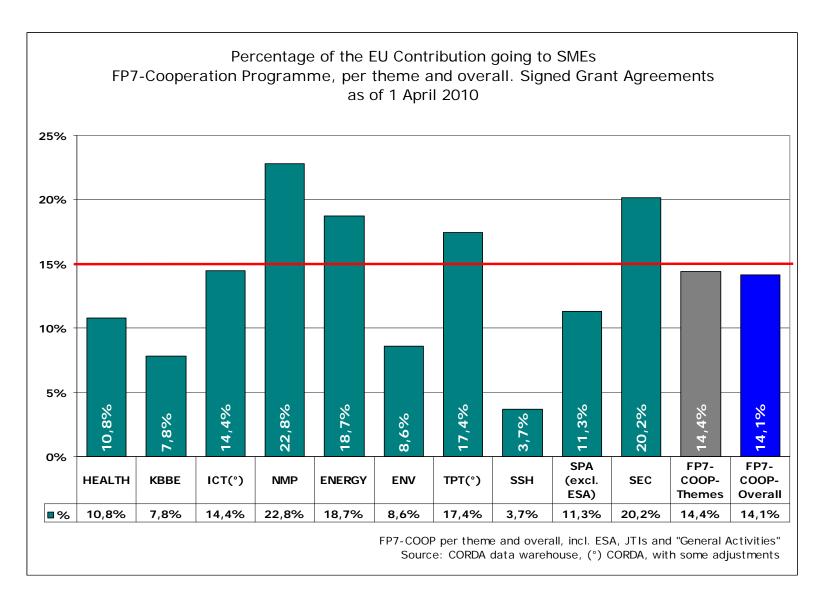
The report goes into detail per Theme within the Cooperation Programme of FP7. Therefore, the themes are listed with their acronyms and description in Table 1.

Table 1: The ten Cooperation Programme Themes in FP7: Acronym and description

Theme acronym	Theme description
HEALTH	Health Research
KBBE	Food, agriculture, fisheries and biotechnology
ICT	Information and communication technologies
NMP	Nanosciences, nanotechnologies, materials and production technologies
ENERGY	Energy Research
ENV	Environment Research (including climate change)
TPT	Transport Research (including aeronautics)
SSH	Socio-economic Sciences and Humanities Research
SPA	Space Research
SEC	Security Research

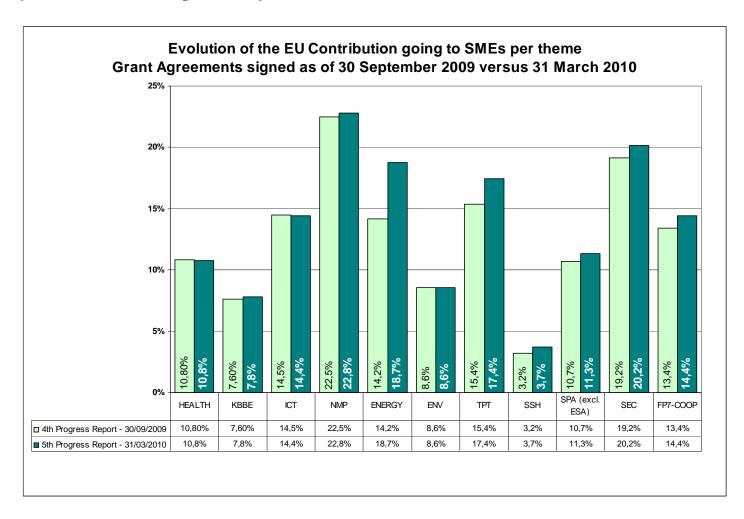
¹ "Decision no 1982/2006/EC of the European Parliament and of the Council of 18 December 2006 concerning the Seventh Framework Programme of the European Community for Research, Technological Development and Demonstration activities (2007-2013)" – Annex1, I. Cooperation

² The "General Activities" cover the CORDIS services, the horizontal ERA-NET scheme, Research organisations in the EU, Strengthened coordination with EUREKA, Scientific and technological cooperation activities carried out in COST, the European Metrology Research Programme, etc



Graph 1: The share of the EU Contribution going to SMEs, for each theme within the Cooperation Programme.

Evolution since previous SME Progress Report



Graph 2: The evolution of the share of the EU Contribution going to SMEs, for each theme within the Cooperation Programme, since the previous SME Progress Report (data 30 September 2009)

Chapter 1. Key Figures on the SME participation in FP7

Source: CORDA - Grant Agreements signed before 1 April 2010; extracted 21 April 2010; some adjustments were accepted for programmes managed by DG INFSO, DG ENERGY and DG MOVE.

Key Figures for the ten thematic priorities within the FP7 Cooperation programme

"FP7-COOP-Themes": Excluding the grant to ESA, the Joint Technology Initiatives (JTI's) and the General Activities (covering the CORDIS services, the horizontal ERA-NET scheme, Research organisations in the EU, Strengthened coordination with EUREKA, Scientific and technological cooperation activities carried out in COST, the European Metrology Research Programme, etc:)

- 2.526 Signed Grant Agreements
- 70% of the Signed Grant Agreements has at least one SME in the Consortium
- 28.079 Participations
- 4.497 SME participations
- 3.675 Unique SME participants
- 16,0% of SME participations
- 8.764,2 million € EU Contribution all
- 1.262,6 million € EU Contribution to SMEs
- 14,4% of EU Contribution to SMEs
- 312.117 € Average EU Contribution per participation
- 280.757 € Average EU Contribution per SME participation
- 318.097 € Average EU Contribution for non-SME participations
- Average number of SMEs in consortia: 1,8 SMEs (within the 11,1 partners)
- Highest SME participation: 2,6 in TPT; 3,3 in NMP
- Lowest SME participation: 0,4 in SSH, 1,3 in HEALTH
- 32.265 million € Total foreseen budget FP7
- 27,2% of budget used 1 April 2010

Overall Figures for the FP7 Cooperation Programme

Table 2: Overall figures for the contribution to SMEs in the FP7 Cooperation Programme, as of the 1st of April 2010. Also included are the thematic priorities, grants to ESA, the JTIs and the General Activities.

	EU Contribution to SMEs	EU Contribution to all	Percentage of the EU Contribution going to SMEs
Cooperation Themes	1.262.564.587€	8.764.243.665€	14,4%
Cooperation - General Activities	508.895€	145.840.510€	0,3%
Cooperation - ESA	-	48.000.000€	0,0%
Cooperation - JTIs	31.420.745€	203.315.799€	15,5%
COOPERATION - Overall	1.294.494.227€	9.161.399.973€	14,1%

Key Figures for the Capacities Programme

Source: CORDA - Grant Agreements signed before 1 April 2010; extracted 21 April 2010

- 245 Signed Grant Agreements
- 2.274 Participations
- 1.412 SME participations
- 62,1% of SME participations
- 287,8 million €EU Contribution all
- 252,1 million €EU Contribution to SMEs
- 87,6% of EU Contribution to SMEs
- 126.574 € Average EU Contribution per participation
- 178.513 € Average EU Contribution per SME participation
- 41.495 € Average EU Contribution for non-SME participations
- 1.300 million € Total foreseen budget FP7
- 22,1% of budget used 1 April 2010

Key Figures for the People Programme

The following two Marie Curie actions were taken into consideration because of their relevance to this report:

- Marie Curie Industry Academia Partnerships and Pathways (IAPP)
- Marie Curie Initial Training Networks (ITN)Key Figures

Source: CORDA - Grant Agreements signed before 1 April 2010; extracted 21 April 2010

- 266 Signed Grant Agreements
- 1.990 Participations
- 244 SME participations
- 12,3% of SME participations
- 678,4 million €EU Contribution all
- 60,5 million €EU Contribution to SMEs
- 8,9% of EU Contribution to SMEs
- 340.889 € Average EU Contribution per participation
- 248.006 € Average EU Contribution per SME participation
- 353.870 € Average EU Contribution for non-SME participations
- 1.900 million € Total foreseen budget FP7
- 35,7% of budget used 1 April 2010

Chapter 2.

Projection to the future: a preview of SME-participation in the work programmes 2011

The draft work programmes 2011 in the Themes show an increased commitment towards attracting higher levels of SME-participation than in the previous years.

This is most evident by the inclusion of specific measures in five out of ten Themes: Health, KBBE, NMP, ENV, ICT. These measures relate to SME targeted actions with funding earmarked for SMEs. This is accomplished by introducing an eligibility criterion in the calls for the SME-targeted actions establishing a minimum level (between 10 and 50%, depending on the Theme) of EU contribution which should go to the participant SMEs.

The comparative weight of the call budgets for the SME-targeted actions to the overall available budget varies from 3 % in ICT to over 60 % in KBBE.

As it has been the practice in previous work programmes, a range of other measures is designed to further encourage SME-participation: e.g. some topics require a minimum numbers of SME participants; other topics are highlighted as being attractive and more suitable to the SMEs; in other cases a coordination and support action aimed at facilitating SME-participation in a particular Theme is funded.

Taking into account of the minimum levels of SME-participation required in the specific measures, an estimate of the SME-share of the budget can be calculated. This estimate assumes that the SME share in the non-SME targeted parts of the work programme remains in line with the 14 % achieved so far over the period 2007-2011. After including the anticipated effect of the specific measures, the budgetary share of SMEs would increase to 15,7 % for calls issued under the 2011 work programmes, which would equate to 565 million €for SMEs in Grant Agreements.

Whereas this estimate shows an improvement over achievements so far, it is also clear that the effort to encourage SMEs participation will need to be sustained and, if possible, increased in future work programmes in order to meet the 15 % target for the whole duration of FP7.

Chapter 3. Regional Analysis

Cooperation

There is a concentration of the participating SMEs in certain regions: around 30% of the total participations of SMEs are located in 15 regions (see Table 3)³.

These 15 regions account for 38% of the total EU contribution to Member States and Associated Countries. In only 3 of these 15 regions (Attiki, Brussels and Wien) does the EU contribution to SMEs exceed the 15% target.

Half of the 305 regions (NUTS-level-2) in the Member States and Associated Countries have exceeded the 15% target.

Table 3. Main Regions ranked in order of the total number of participations in signed contracts as of the 31 March 2010. Cooperation Programme.

Region (NUTS Level 2)	Country	Num of Participations	Num of SMEs	% SMEs / all Participantions	EU Contribution	Contribution to	% of EU contribution going to SMEs
Île de France	FR	1876	195	10.39%	€743,708,716	€63,648,031	8.56%
Oberbayern	DE	831	88	10.59%	€361,639,924	€27,714,920	7.66%
Inner London	UK	721	65	9.02%	€272,108,256	€17,896,363	6.58%
Comunidad de Madrid	ES	676	49	7.25%	€ 187,976,526	€13,878,986	7.38%
Lazio	IT	644	79	12.27%	€ 186,860,809	€23,780,467	12.73%
Région de Bruxelles-Capitale /							
Brussels Hoofdstedelijk Gewest	BE	598	121	20.23%	€ 141,332,115	€29,288,465	20.72%
Attiki	GR	540	126	23.33%	€ 155,616,643	€37,805,567	24.29%
Lombardia	IT	531	96	18.08%	€ 178,093,533	€26,223,948	14.72%
Etelä-Suomi	FI	522	51	9.77%	€193,191,393	€14,949,296	7.74%
Zuid-Holland	NL	510	73	14.31%	€ 184,560,168	€ 19,480,216	10.55%
Köln	DE	454	50	11.01%	€ 180,835,790	€ 15,368,479	8.50%
Wien	AT	427	80	18.74%	€ 122,587,852	€24,260,748	19.79%
Cataluña	ES	418	59	14.11%	€ 136,887,614	€18,900,652	13.81%
Hovedstaden	DK	399	50	12.53%	€ 137,056,009	€19,839,340	14.48%
Stockholm	SE	394	50	12.69%	€ 143,295,773	€14,006,366	9.77%
Totals		9541	1232	12.91%	€3,325,751,122	€367,041,844	11.04%
% over all MS and AC regions		35.86%	27.81%		38.45%	4.24%	

The ranking of the main 15 regions according to the number of SME participations is shown in Table 4.

30% of the total SMEs participations in Member States and Associated Countries are located in these 15 regions. These SMEs represent 5% of the total number of participations and receive 4.41% of the total EU contribution

All these regions pass the 15% target except Ile de France, Lombardia, Oberbayern, Lazio, Zuid-Holland and London.

33 of the 305 NUTS-level-2 regions contain 50% of all the SME participations. Among these regions 5 are from Germany, 4 from Italy, 4 from Spain and 3 from France.

64 of the 305 NUTS- level-2 regions have no SME participation. Among these 6 are from Greece, 5 from France, 5 from Poland, 4 from Spain and 23 from Turkey.

³ The geographical analysis is based in the Participant address which very often refers to the Organisation headquarters address. It is possible that for big Organisations the entity participating in the project (department, branch, affiliate, etc) is located in a different region than that of the headquarters.

Table 4. Main Regions ranked in order of number of SME participations in signed contracts as of the 31 March 2010. Cooperation Programme.

Region (NUTS Level 2)	Country	Num of Participations	Num of SMEs	% SMEs / all Participantions	EU Contribution	EU Contribution to SMEs	% of EU contribution going to SMEs
Île de France	FR	1876	195	10.39%	€743,708,716	€63,648,031.01	8.56%
Attiki	GR	540	126	23.33%	€ 155,616,643	€37,805,566.95	24.29%
Région de Bruxelles-Capitale /							
Brussels Hoofdstedelijk Gewest	BE	598	121	20.23%	€141,332,115	€29,288,464.92	20.72%
Lombardia	IT	531	96	18.08%	€ 178,093,533	€26,223,947.76	14.72%
Oberbayern	DE	831	88	10.59%	€361,639,924	€27,714,919.80	7.66%
Wien	AT	427	80	18.74%	€ 122,587,852	€24,260,747.84	19.79%
Lazio	IT	644	79	12.27%	€ 186,860,809	€23,780,466.91	12.73%
País Vasco	ES	266	74	27.82%	€79,215,680	€19,662,218.09	24.82%
Zuid-Holland	NL	510	73	14.31%	€184,560,168	€19,480,215.91	10.55%
Berlin	DE	288	72	25.00%	€88,957,849	€16,621,601.64	18.68%
Israel	IL	320	71	22.19%	€116,624,800	€29,765,106.36	25.52%
Rhône-Alpes	FR	236	70	29.66%	€59,767,030	€ 19,202,383.27	32.13%
Kozep-Magyarorszag	HU	274	69	25.18%	€48,154,194	€12,716,802.99	26.41%
Inner London	UK	721	65	9.02%	€272,108,256	€17,896,362.88	6.58%
Piemonte	IT	263	59	22.43%	€81,900,615	€13,375,038.64	16.33%
Totals		8325	1338	16.07%	€2,821,128,184	€381,441,875	13.52%
% over all MS and AC regions		31.29%	30.20%		32.61%	4.41%	

Capacities (Research for the Benefit of SMEs)

The main 15 regions ranked in order of number of SME participations are shown in Table 5. Around 29% of all the SMEs participations in Member States and Associated Countries are located in these 10 regions, which receive 22% of the total EU contribution.

43 regions out of 305 NUTS-level-2 regions include 50% of all the SME participations. Among these regions there are 8 from ES, 6 from IT, 4 from DE, 3 from NO, 3 from FR and 3 from NL.

77 regions out of 305 NUTS-level-2 regions have none SME participation. Among these regions there are 8 from DE, 7 from FR, 5 from PL, 4 from GR, 3 from ES, 3 from UK and 20 from TR.

Table 5. Main Regions ranked in order of number of SME participations in signed contracts as of the 31 March 2010. Capacities Programme. Research for the Benefit of SMEs

Region (NUTS Level 2)	Country	Num of Participations	Num of SMEs	% SMEs / all Participantions	EU Contribution	EU Contribution to SMEs	% of EU contribution going to SMEs
Cataluña	ES	65	53	81.54%	€7,603,674	€7,309,774	96.13%
Lombardia	IT	65	50	76.92%	€12,458,579	€10,537,131	84.58%
Oslo og Akershus	NO	53	33	62.26%	€7,325,520	€6,059,125	82.71%
Attiki	GR	57	30	52.63%	€4,607,415	€3,592,081	77.96%
Lazio	IT	58	26	44.83%	€4,179,570	€3,185,206	76.21%
La Rioja	ES	44	25	56.82%	€4,992,477	€4,305,834	86.25%
Kozep-Magyarorszag	HU	38	24	63.16%	€3,615,557	€2,929,508	81.03%
Estonia	EE	33	24	72.73%	€3,895,684	€3,473,226	89.16%
Comunidad Valenciana	ES	29	22	75.86%	€2,825,912	€2,647,109	93.67%
Île de France	FR	52	21	40.38%	€7,506,326	€5,942,949	79.17%
Southern and Eastern	ΙE	32	21	65.63%	€4,853,125	€4,428,446	91.25%
Toscana	IT	30	20	66.67%	€3,439,348	€3,128,367	90.96%
Cantabria	ES	20	19	95.00%	€2,763,174	€2,750,142	99.53%
País Vasco	ES	25	17	68.00%	€2,278,820	€2,002,312	87.87%
Andalucía	ES	20	17	85.00%	€3,323,447	€3,214,561	96.72%
Totals		621	402	64.73%	€75,668,626	€65,505,770	86.57%
% over all MS and AC regions		26.25%	28.51%		25.71%	22.26%	

People. (Marie Curie Industry Academia Partnerships and Pathways and Initial Training Networks)

The main 10 regions according to the number of SME participations are shown in table 6.

29% of all the SME participations in Member States and Associated Countries are located in these 10 regions. These SMEs represent 3.6 % of the total number of participations and receive 2.65% of the total EU contribution

25 regions out of 305 NUTS-level-2 regions include 50% of all the SME participations. Among these regions there are 3 from AT, 3 from NL and 3 from UK.

210 regions out of 305 NUTS-level-2 regions have none SME participations. Among these regions there are 22 from UK, 16 from FR, 15 from DE, 15 from IT, 15 from PL, 14 from ES and 25 from TR.

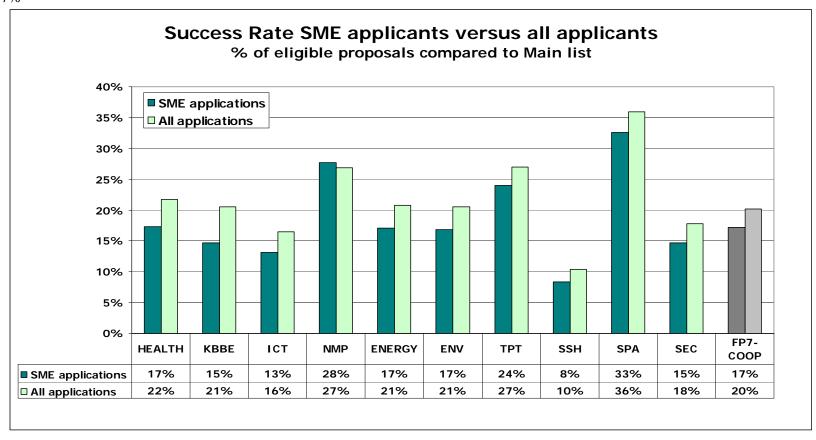
Table 6. Main Regions ranked in order of number of SME participations in signed contracts as of the 31 March 2010. People Programme. IAPP (Marie Curie Industry Academia Partnerships and Pathways) and ITN (Initial Training Networks)

Region (NUTS Level 2)	Country	Num of Participations	Num of SMEs	% SMEs / all Participantions	EU Contribution	EU Contribution to SMEs	% of EU contribution going to SMEs
Île de France	FR	128	13	10.16%	€48,241,748	€4,104,192	8.51%
Zuid-Holland	NL	44	9	20.45%	€13,428,885	€1,764,545	13.14%
Southern and Eastern	IE	30	9	30.00%	€11,105,622	€1,891,448	17.03%
Inner London	UK	73	7	9.59%	€22,505,434	€2,192,331	9.74%
Lisboa	PT	18	7	38.89%	€4,084,404	€1,229,046	30.09%
Niederösterreich	AT	9	7	77.78%	€1,838,454	€1,530,849	83.27%
Prov. Vlaams-Brabant	BE	26	5	19.23%	€7,657,011	€1,374,380	17.95%
Wien	AT	24	5	20.83%	€7,817,965	€712,600	9.11%
Sydsverige	SE	16	5	31.25%	€5,861,725	€1,603,079	27.35%
Région lémanique	CH	38	4	10.53%	€17,951,470	€1,468,033	8.18%
Totals		406	71	17.49%	€140,492,718	€17,870,504	12.72%
% over all MS and AC regions		20.60%	29.22%		20.82%	2.65%	

Chapter 4. SME Participation in the Cooperation Programme Success rates (proposal level)

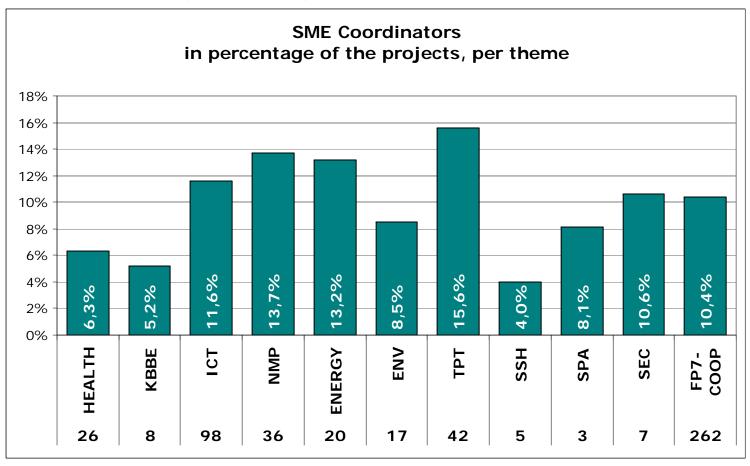
Average success rate - for all applicants: 20%;

- for SMEs: 17%



Graph 3: Success Rate SME applicants versus all applicants

Number of SME Coordinators in signed Grant Agreements



Graph 4: SME Coordinators in percentage of the projects, per theme

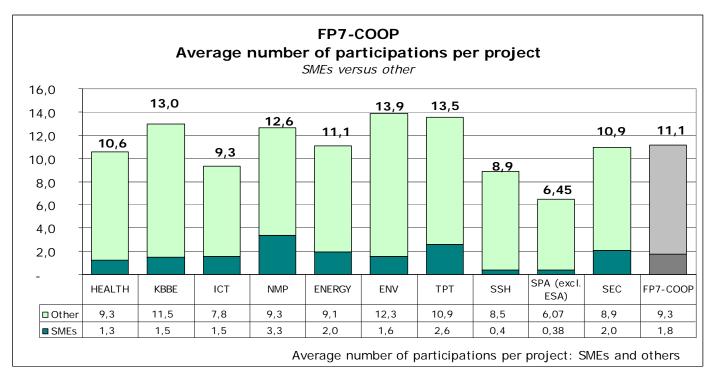
Size of consortia in signed Grant Agreements

Average number of partners in a project: 11,1 partners

Biggest consortia: Space, with 15,3 partners; ENV with 13,9 partners Smallest consortia: SSH with 8,9 partners; ICT with 9,3 partners

Average number of SMEs in consortia: 1,8 SMEs (within the 11,1 partners)

Highest SME participation: 2,6 in TPT; 3,3 in NMP Lowest SME participation: 0,4 in SSH, 1,3 in HEALTH



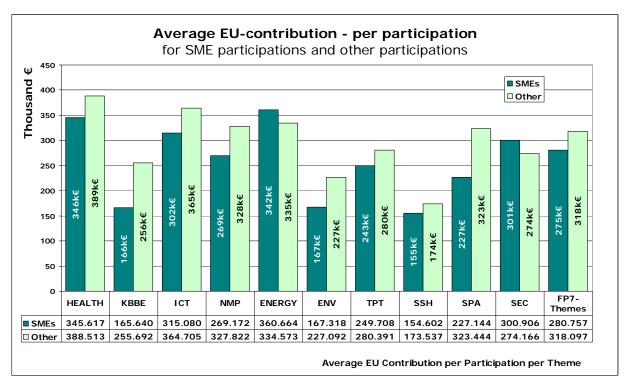
Graph 5: Average number of participants per project per theme

EU Contribution per participation in signed Grant Agreements

Average EU-contribution per participation:

- 281 k€per SME participation
- 318 k€for non-SMEs participating

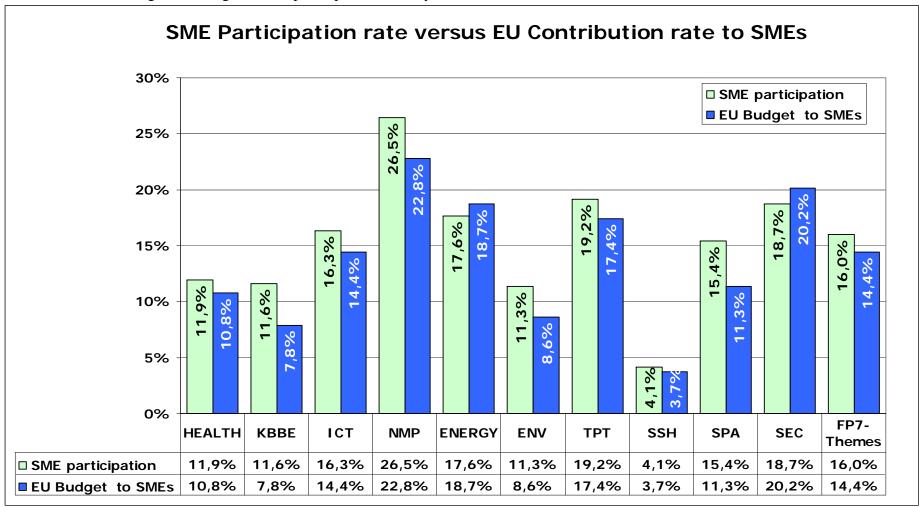
The highest EU contribution to SMEs is seen in the programmes HEALTH and ENERGY. The lowest EU contribution to SMEs appears in the programmes KBBE, ENV and SSH.



Graph 6: Average EU-contribution – per participation

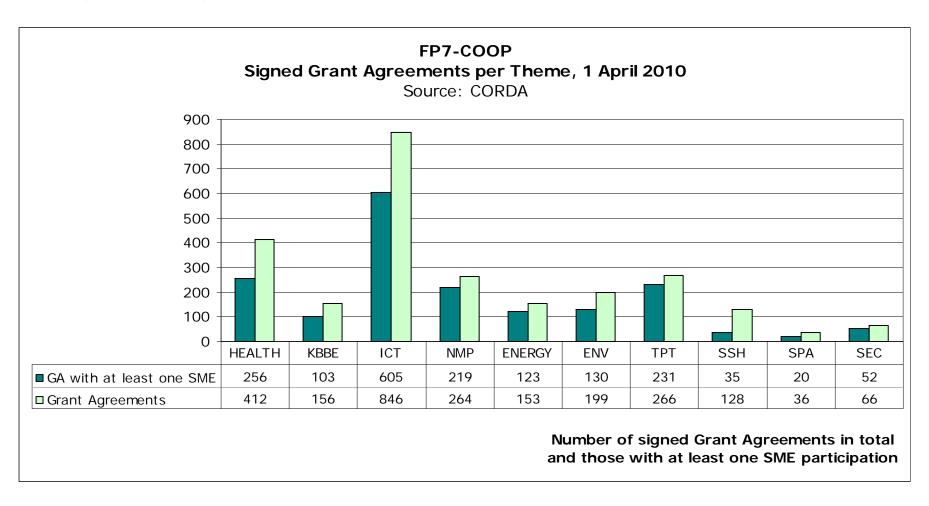
Similar: comparison of the SME participation rate and the EU contribution rate to SMEs

For ENERGY and SEC: a higher funding rate than participation share by SMEs.



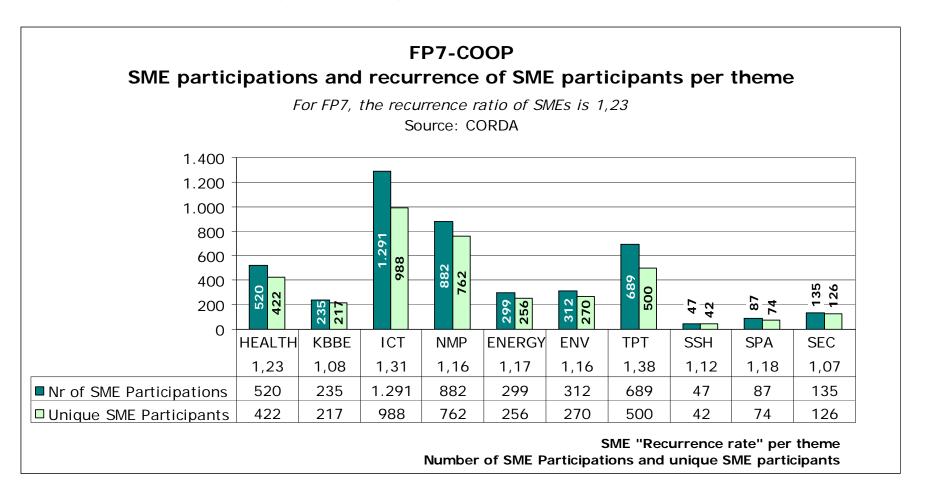
Graph 7: SME Participation rate versus EU Contribution rate to SMEs

Number of signed Grant Agreements per Theme



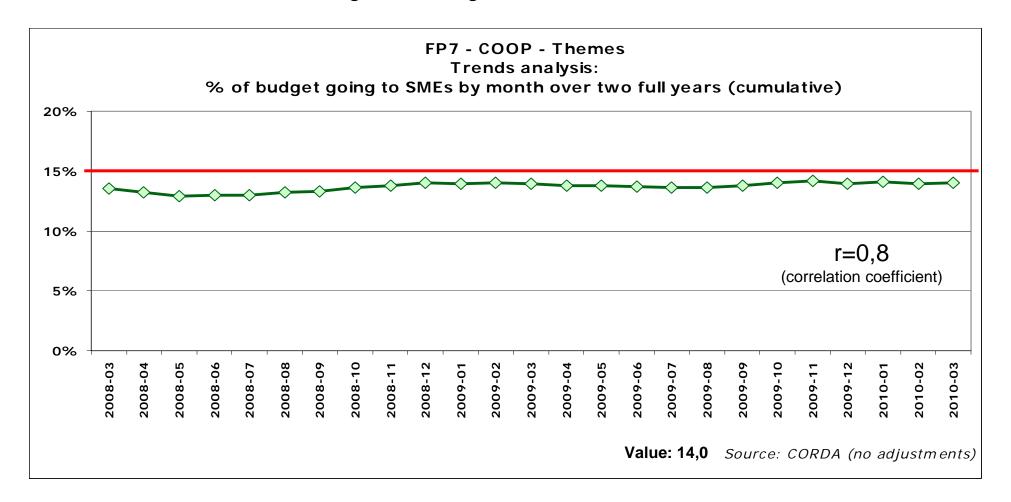
Graph 8: FP7-COOP Signed Grant Agreements per Theme, 1 April 2010

SME Participations per theme (in signed Grant Agreements)



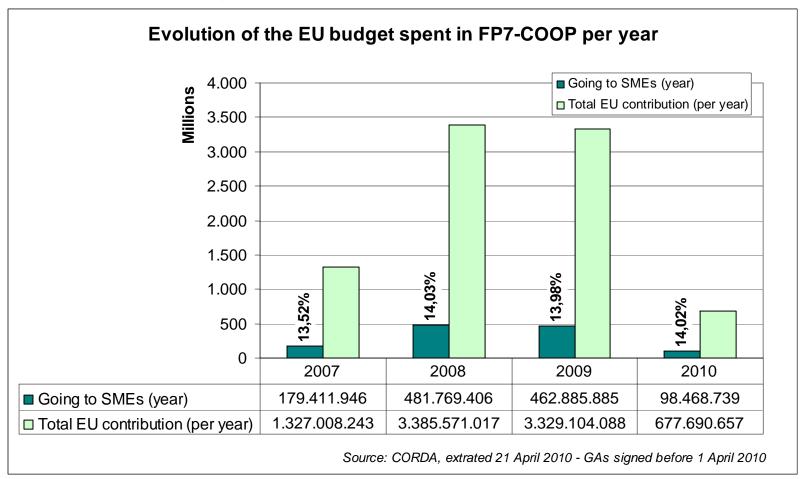
Graph 9: SME participations per Theme, compared to "unique SME participants"

Trend of EU contribution to SMEs in signed Grant Agreements



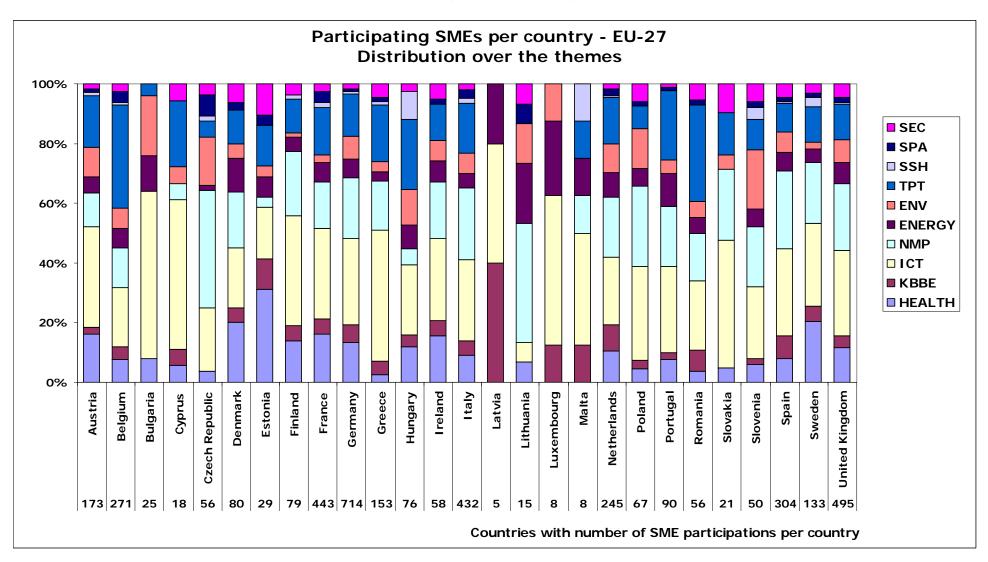
Graph 11: Trend of EU contribution to SMEs Source: CORDA (no adjustments per DG)

Evolution of the EU FP7-COOP budget per year

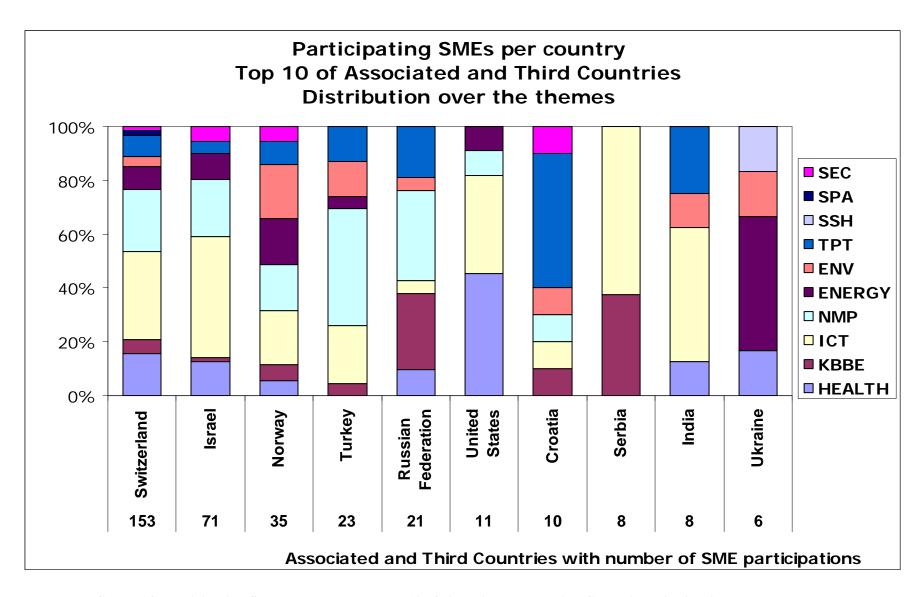


Graph 12: Evolution of the EU budget spent in FP7-COOP per year Source: CORDA (no adjustments per DG)

Country profiles: SME participation per theme in signed Grant Agreements



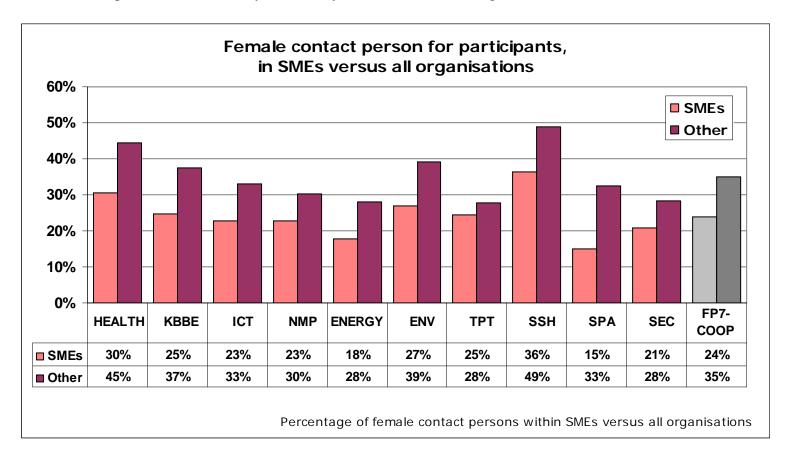
Graph 13: Participating SMEs per country – EU-27. Distribution over the themes



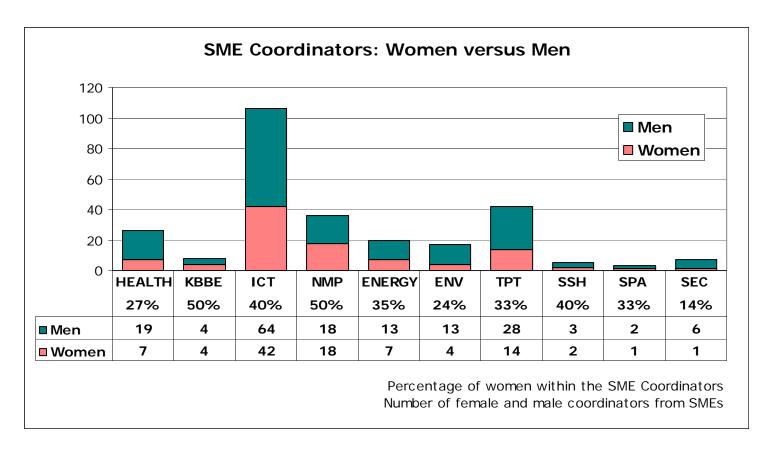
Graph 14: Participating SMEs per country – Top 10 of Associated and Third Countries. Distribution over the themes

Gender

The percentage of female contact persons for SMEs is systematically lower than for other organisations.



Graph 15: Percentage of female contact persons for SME participants compared to female contact persons in non-SMEs



Graph 16: SME Coordinators: Women versus men as contact person for the SME with the coordinating role

Core data per theme

Table 7: Key data on SME participation in signed Grant Agreements.

Primary Source: CORDA for Centrally Validated SME; Secondary Source: DG MOVE, ENERGY and INFSO Local Databases Including 'Self Declared' SMEs. For SPACE, this table shows the figures excluding the contribution to ESA (48M€), for allowing comparison of SME participation over the ten themes.

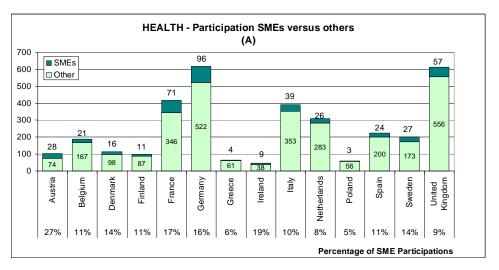
THEME	Signed GAs	Number of Participations	Number of SMEs Participations	Percentage of SME Participations	Average SMEs per Project	EU Contribution (all)	EU Contribution to SMEs	Percentage of the EU Budget going to SMEs	Average EU Contrib ution to SMEs
HEALTH	412	4.352	520	11,9%	1,3	1.668.501.927	179.720.751	10,8%	345.617
KBBE	156	2.025	235	11,6%	1,5	496.613.923	38.925.348	7,8%	165.640
ICT	846	7.897	1.291	16,3%	1,5	2.816.007.727	406.768.918	14,4%	315.080
NMP	264	3.334	882	26,5%	3,3	1.041.227.980	237.409.309	22,8%	269.172
ENERGY	153	1.697	299	17,6%	2,0	575.571.190	107.838.623	18,7%	360.664
ENV	199	2.758	312	11,3%	1,6	607.670.868	52.203.063	8,6%	167.318
ТРТ	266	3.593	689	19,2%	2,6	986.303.310	172.048.532	17,4%	249.708
SSH	128	1.137	47	4,1%	0,4	196.421.360	7.266.274	3,7%	154.602
SPA (excl. ESA)	36	564	87	15,5%	2,6	174.367.634	19.761.504	11,3%	227.144
SEC	66	722	135	18,7%	2,0	201.557.744	40.622.264	20,2%	300.906
FP7-COOP-Themes	2.526	28.080	4.497	16,0%	1,8	8.764.243.665	1.262.564.587	14,4%	280.757

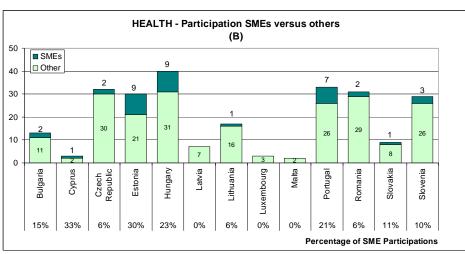
HEALTH - KEY FIGURES

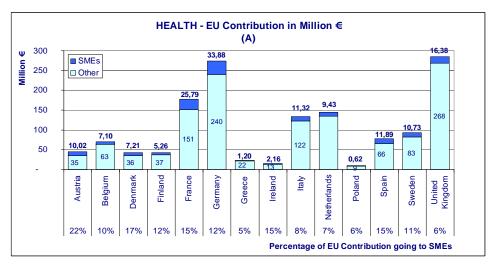
Source: CORDA - Grant Agreements signed before 1 April 2010; extracted 21 April 2010

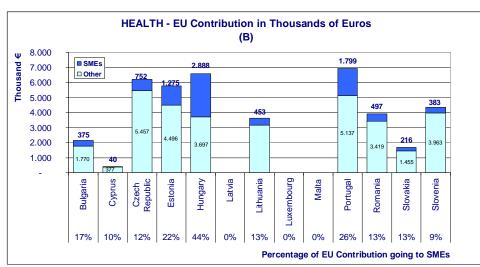
- 412 Signed Grant Agreements
- 4.352 Participations
- 520 SME participations
- 11,9% % of SME participations
- 1.668,5 million €EU Contribution all
- 179,7 million €EU Contribution to SMEs
- 10,8% of EU Contribution to SMEs
- 383.387€ Average EU Contribution per participation
- 345.617€ Average EU Contribution per SME participation
- 388.513€ Average EU Contribution for non-SME participations
- 6.050 million € Total foreseen budget FP7
- 27,6% of budget used 1 April 2010

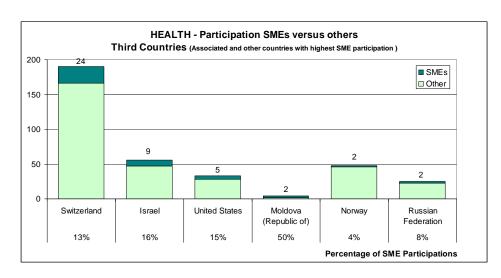
HEALTH: SME Participation and EU Contribution to SMEs – per country





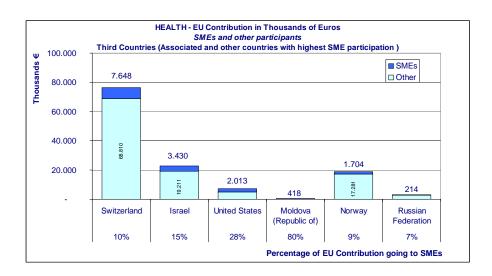






Further, one SME participation in the following countries: Argentina Armenia, Bolivia, Georgia, India, Kazakhstan and Ukraine.

Graph 17: HEALTH: SME Participation and EU Contribution to SMEs – per country

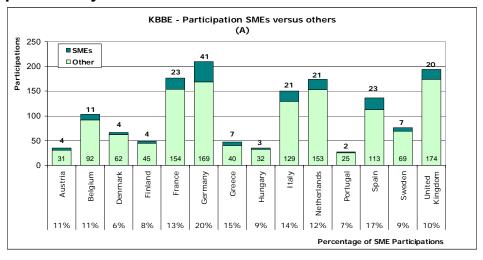


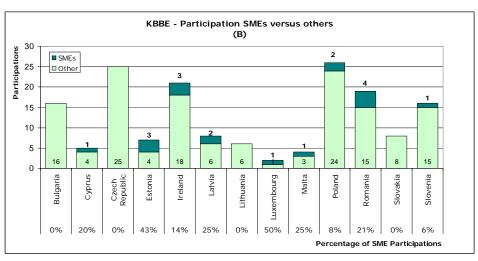
KBBE - KEY FIGURES

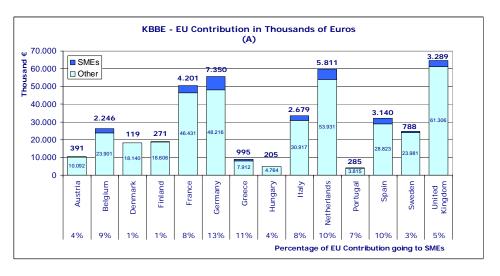
Source: CORDA - Grant Agreements signed before 1 April 2010; extracted 21 April 2010

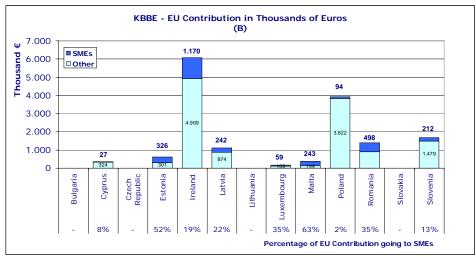
- 156 Signed Grant Agreements
- 2.025 Participations
- 235 SME participations
- 11,6% of SME participations
- 496,6 million €EU Contribution all
- 38,9 million €EU Contribution to SMEs
- 7,8% of EU Contribution to SMEs
- 245.241 € Average EU Contribution per participation
- 165.640 € Average EU Contribution per SME participation
- 255.692 € Average EU Contribution for non-SME participations
- 1.935 million € Total foreseen budget FP7
- 25,7% of budget used 1 April 2010

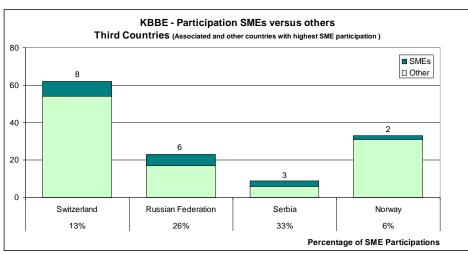
KBBE: SME Participation and EU Contribution to SMEs – per country





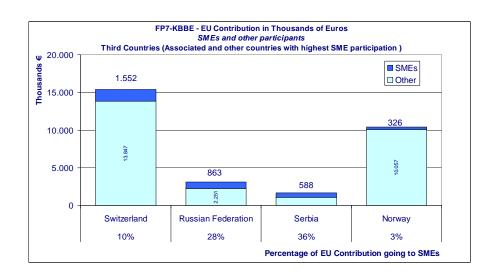






Further, there is one SME participation in the following countries: Croatia, Iceland, Israel, Kazakhstan, New Zealand, South Africa and Turkey.

Graph 18: KBBE: SME Participation and EU Contribution to SMEs – per country

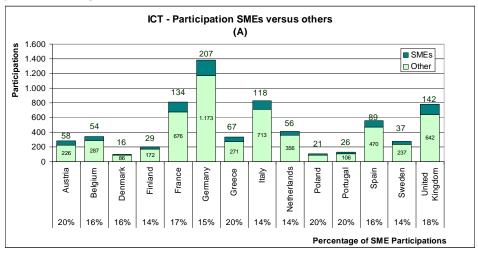


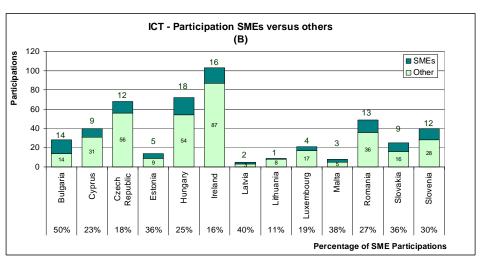
ICT KEY FIGURES

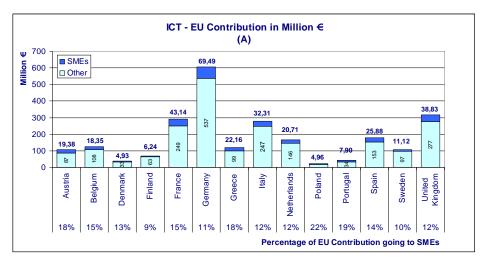
Source: CORDA - Grant Agreements signed before 1 April 2010; extracted 21 April 2010. Some adjustments from the dat warehouse used by DG INFSO were accepted.

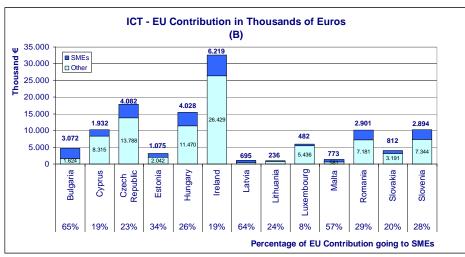
- 846 Signed Grant Agreements
- 7.897 Participations
- 1.291 SME participations
- 16,3% of SME participations
- 2.816,0 million €EU Contribution all
- 406,8 million €EU Contribution to SMEs
- 14,4% of EU Contribution to SMEs
- 356.592 € Average EU Contribution per participation
- 315.080€ Average EU Contribution per SME participation
- 364.705 € Average EU Contribution for non-SME participations
- 9.110 million € Total foreseen budget FP7
- 30,9 % of budget used 1 April 2010

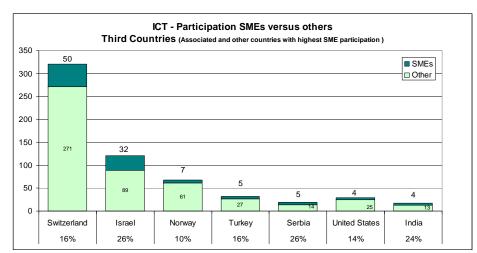
ICT: SME Participation and EU Contribution to SMEs – per country





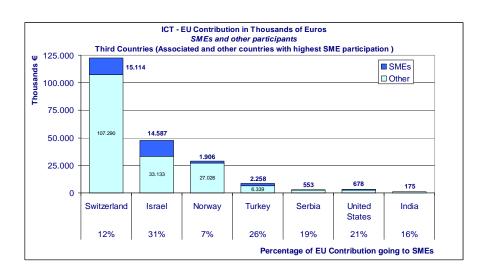






Further, 2 SMEs participate in Argentina and Egypt, and there is one SME participation in the Russian Federation, Croatia, Brazil, the Republic of Korea, Chile, Nigeria, Azerbaijan and Georgia.

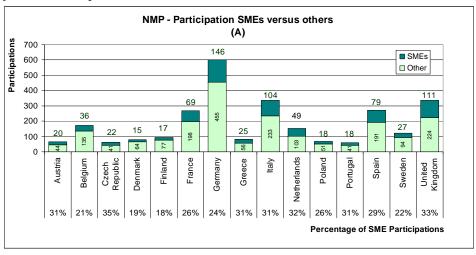
Graph 19: ICT: SME Participation and EU Contribution to SMEs – per country

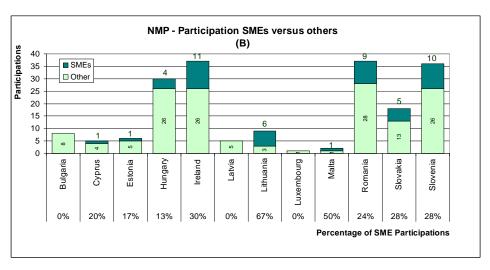


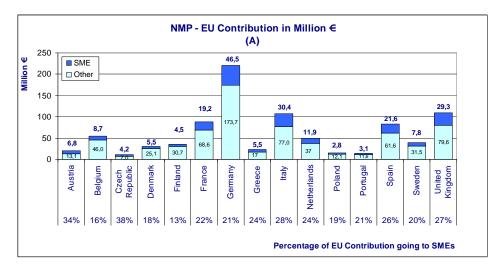
NMP - KEY FIGURES

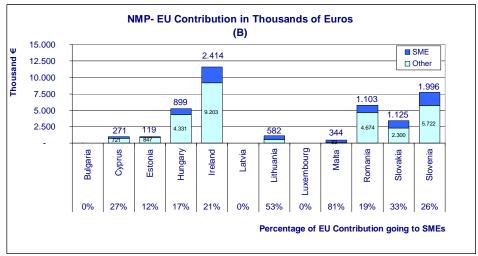
- 264 Signed Grant Agreements
- 3.334 Participations
- SME participations
- 26,5% of SME participations
- 1.041,2 million €EU Contribution all
- 237,4 million €EU Contribution to SMEs
- 22,8% of EU Contribution to SMEs
- 312.306 € Average EU Contribution per participation
- 269.172 € Average EU Contribution per SME participation
- 327.822 € Average EU Contribution for non-SME participations
- 3.500 million € Total foreseen budget FP7
- 29,7% of budget used 1 April 2010

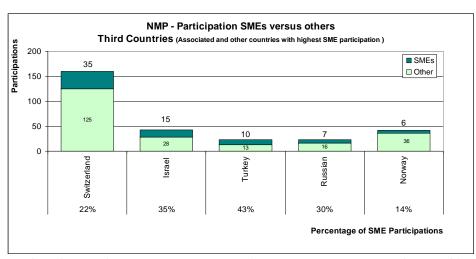
NMP: SME Participation and EU Contribution to SMEs – per country





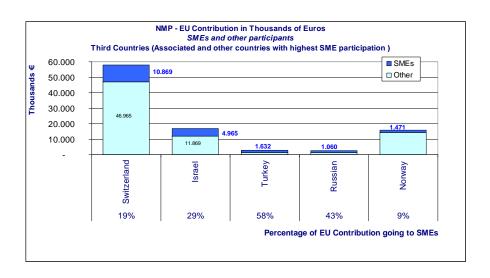






Further, there is also one SME participation from Croatia, Former Yugoslav Republic of Macedonia, Kazakhstan, Tunisia and the United States

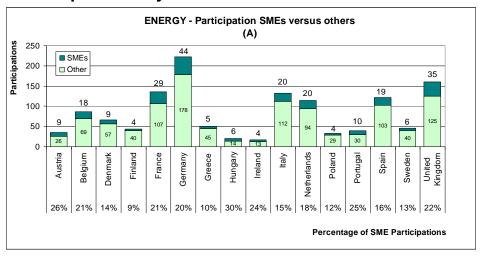
Graph 20: NMP: SME Participation and EU Contribution to SMEs – per country $\,$

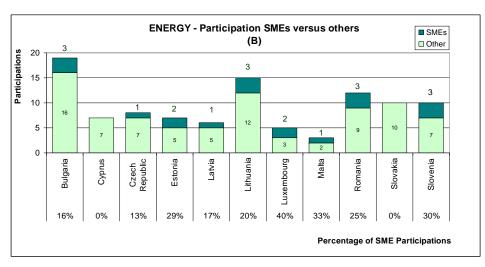


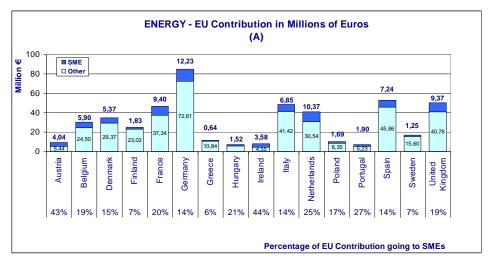
ENERGY - KEY FIGURES

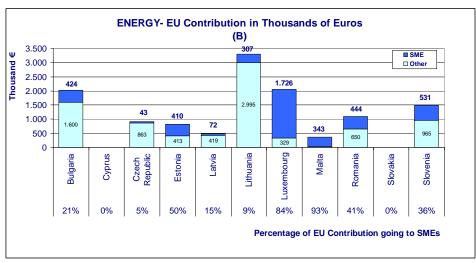
- 153 Signed Grant Agreements
- 1.697 Participations
- 299 SME participations
- 17,6% of SME participations
- 575,6 million €EU Contribution all
- 107,8 million €EU Contribution to SMEs
- 18,7% of EU Contribution to SMEs
- 339.170 € Average EU Contribution per participation
- 360.664 € Average EU Contribution per SME participation
- 334.573€ Average EU Contribution for non-SME participations
- 2.300 million € Total foreseen budget FP7
- 25,0% of budget used 1 April 2010

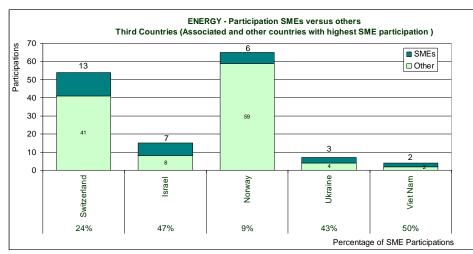
ENERGY: SME Participation and EU Contribution to SMEs – per country





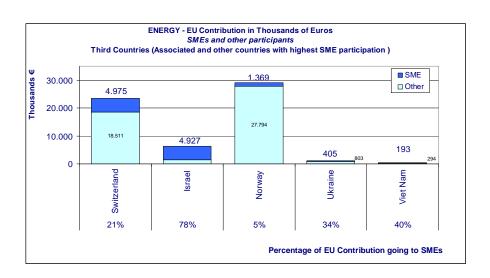






Further there is also one SME participation from Turkey, Bosnia and Herzegovina, Mexico, San Marino, Thailand and Tunisia

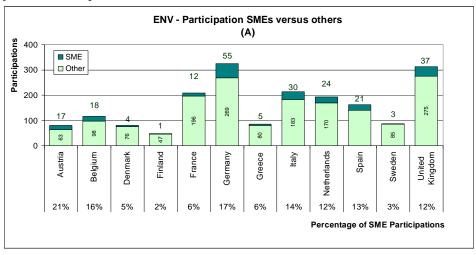
Graph 21: ENERGY: SME Participation and EU Contribution to SMEs – per country

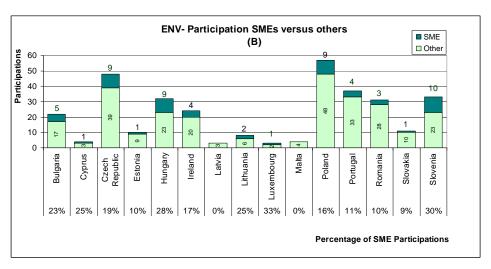


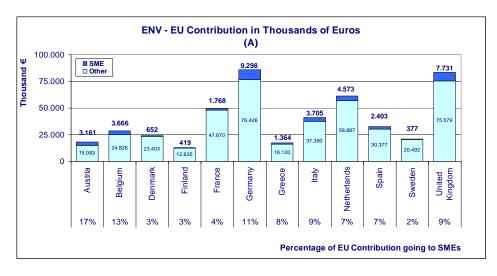
ENV - KEY FIGURES

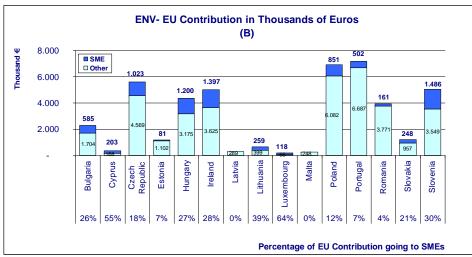
- 199 Signed Grant Agreements
- 2.758 Participations
- 312 SME participations
- 11,3% of SME participations
- 607,7 million €EU Contribution all
- 52,2 million €EU Contribution to SMEs
- 8,6% of EU Contribution to SMEs
- 220.330 € Average EU Contribution per participation
- 167.318 € Average EU Contribution per SME participation
- 227.092 €Average EU Contribution for non-SME participations
- 1.800 million € Total foreseen budget FP7
- 33,8% of budget used 1 April 2010

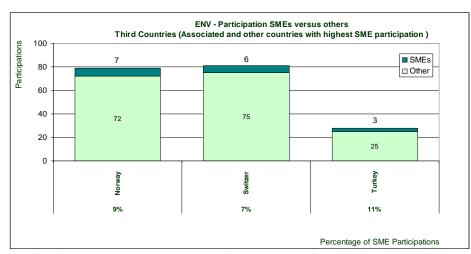
ENV: SME Participation and EU Contribution to SMEs – per country





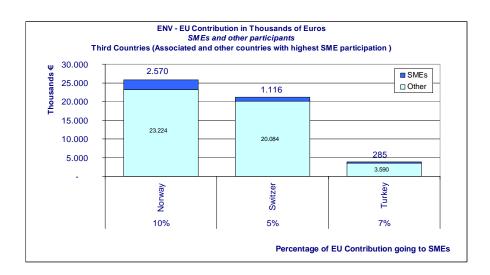






Further, there is one SME participation from Bosnia and Herzegovina, Canada, Croatia, Georgia, India, Morocco, the Russian Federation, South Africa, Ukraine and Viet Nam

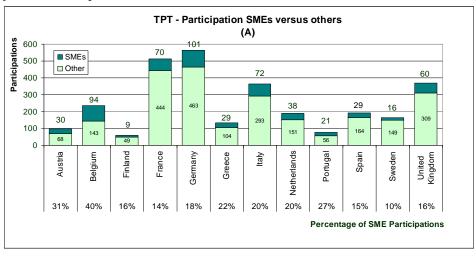
Graph 22: ENV: SME Participation and EU Contribution to SMEs – per country

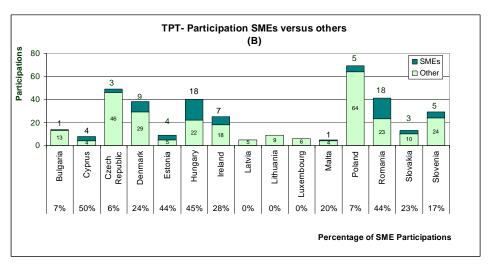


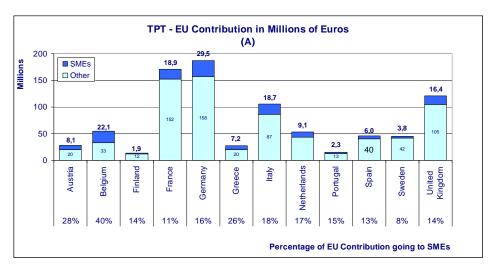
TPT - KEY FIGURES

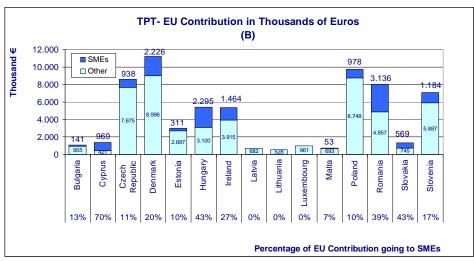
- 266 Signed Grant Agreements
- 3.593 Participations
- 689 SME participations
- 19,2% of SME participations
- 986,3 million €EU Contribution all
- 172,0 million €EU Contribution to SMEs
- 17,4 % of EU Contribution to SMEs
- 274.507 € Average EU Contribution per participation
- 249.708 € Average EU Contribution per SME participation
- 280.391 € Average EU Contribution for non-SME participations
- 4.180 million € Total foreseen budget FP7
- 23,7% of budget used 1 April 2010

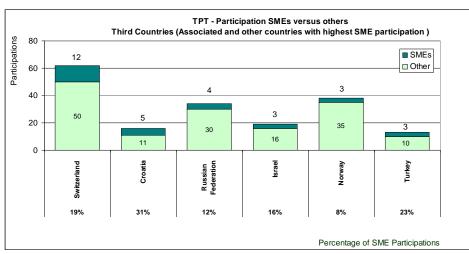
TPT: SME Participation and EU Contribution to SMEs – per country





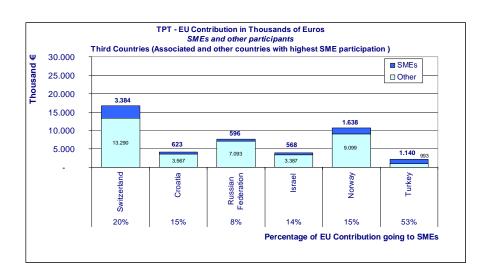






Further, there are two SME participations in China, in India and in South Africa, and one in Bosnia and Herzegovina, Brazil, Iceland, Tanzania, Thailand and Tunisia.

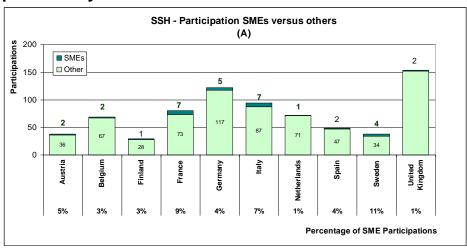
Graph 23: TPT: SME Participation and EU Contribution to SMEs – per country.

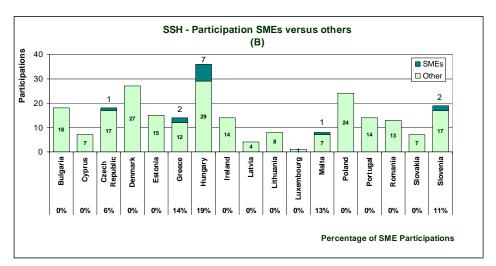


SSH - KEY FIGURES

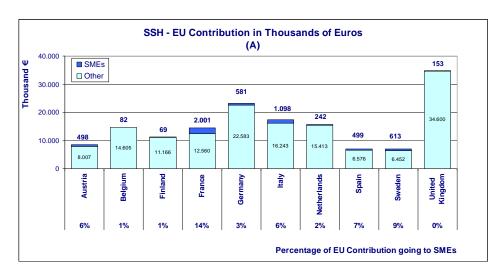
- 128 Signed Grant Agreements
- 1.137 Participations
- 47 SME participations
- 4,1% of SME participations
- 196,4 million €EU Contribution all
- 7,3 million €EU Contribution to SMEs
- 3,7% of EU Contribution to SMEs
- 172.754 € Average EU Contribution per participation
- 154.602 € Average EU Contribution per SME participation
- 173.537 €Average EU Contribution for non-SME participations
- 610 million € Total foreseen budget FP7
- 32,2% of budget used 1 April 2010

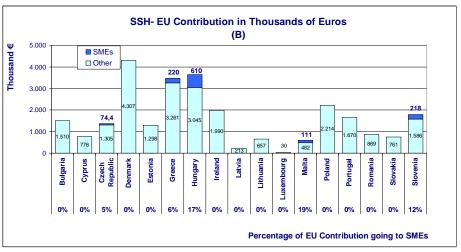
SSH: SME Participation and EU Contribution to SMEs – per country





Graph 24: SSH: SME Participation and EU Contribution to SMEs – per country





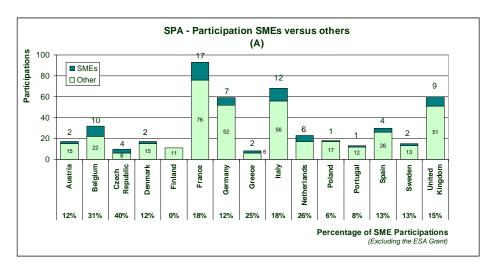
Other countries: one project with one SME in Ukraine (no graph)

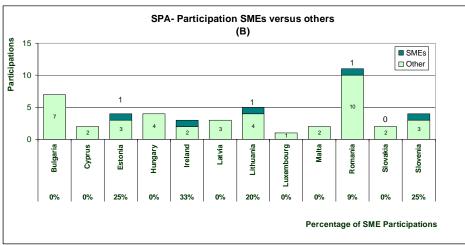
SPA - KEY FIGURES

Source: CORDA - Grant Agreements signed before 1 April 2010; extracted 21 April 2010 Excluding ESA Grant. (The contribution to ESA is take into account for the overall figures for FP7-Cooperation).

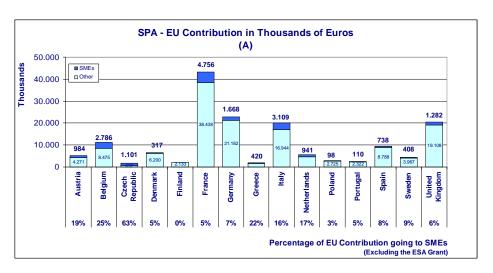
- 36 Signed Grant Agreements
- 564 Participations
- 87 SME participations
- 15,4% of SME participations
- 174,4 million €EU Contribution all
- 19,8 million €EU Contribution to SMEs
- 11,3% of EU Contribution to SMEs
- 309.162 € Average EU Contribution per participation
- 227.144 € Average EU Contribution per SME participation
- 324.122 € Average EU Contribution for non-SME participations
- 1.430 million € Total foreseen budget FP7
- 12,2 % of budget used 1 April 2010

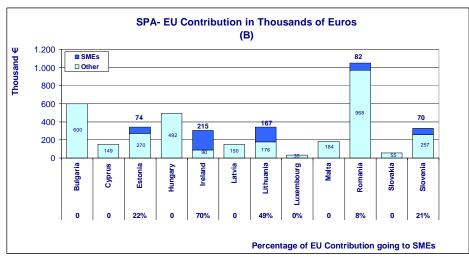
SPA: SME Participation and EU Contribution to SMEs – per country





Graph 25: SPA: SME Participation and EU Contribution to SMEs – per country



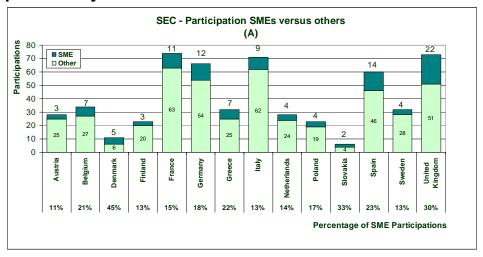


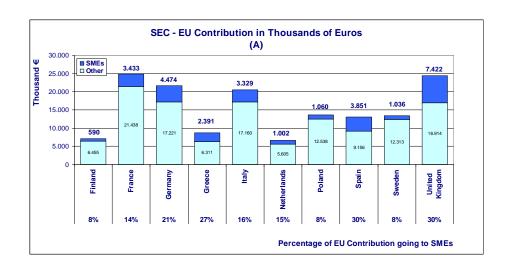
In Space, there are also three SME Participations from Switzerland.

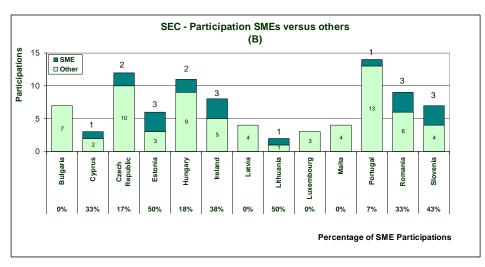
SEC - KEY FIGURES

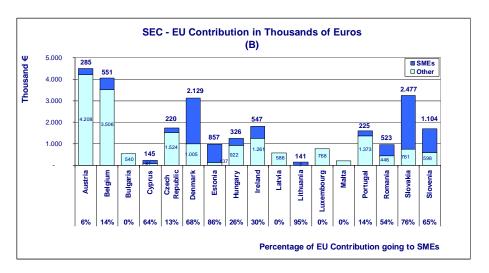
- 66 Signed Grant Agreements
- 722 Participations
- 135 SME participations
- 18,7% of SME participations
- 201,6 million €EU Contribution all
- 40,6 million €EU Contribution to SMEs
- 20,2% of EU Contribution to SMEs
- 279.166 € Average EU Contribution per participation
- 300.906 € Average EU Contribution per SME participation
- 274.166 € Average EU Contribution for non-SME participations
- 1.350 million €: Total foreseen budget FP7
- 14,9% of budget used 1 April 2010

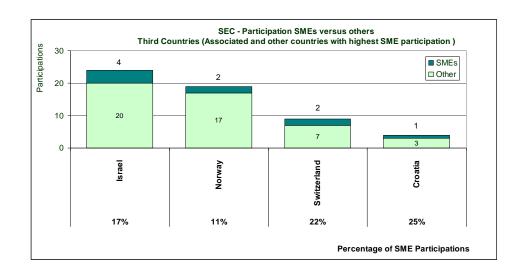
SEC: SME Participation and EU Contribution to SMEs – per country

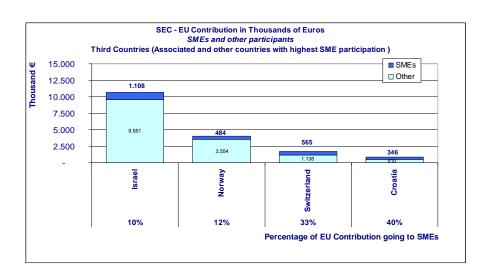












 $\label{eq:contribution} \textbf{Graph 26: SEC: SME Participation and EU Contribution to SMEs-per country}$

FP7-COOPERATION – Overall Key Figures

- 1. FP7 funding within the thematic priorities: excluding the grant to ESA, the Joint Technology Initiatives (JTI's) and the General Activities⁴.
 - 2.526 Signed Grant Agreements
 - 28.079 Participations
 - 4.497 SME participations
 - 16,0% of SME participations
 - 8.766,6 million € EU Contribution all
 - 1.261,9 million € EU Contribution to SMEs
 - 14,4% of EU Contribution to SMEs
 - 312.117 € Average EU Contribution per participation
 - 280.757 € Average EU Contribution per SME participation
 - 318.097 € Average EU Contribution for non-SME participations

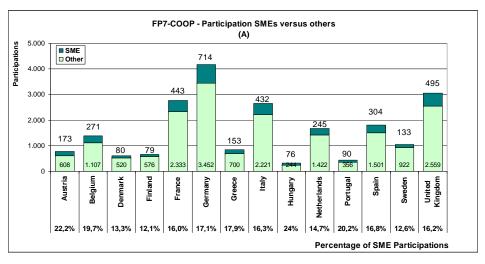
- 32.265 million € Total foreseen budget FP7
- 27,2% of budget used 1 April 2010

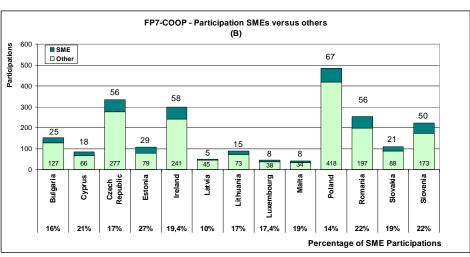
EXTRAPOLATIONS BY THE END OF FP7:

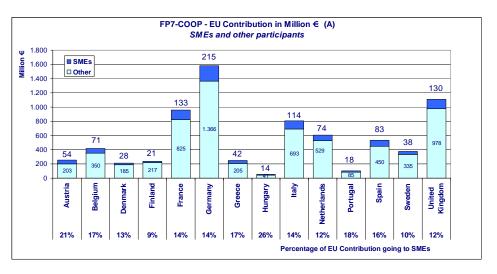
- 16.500: Extrapolation SME participations at current funding rate, by the end of FP7
- 4.600 million €: Extrapolation funding to SMEs at current funding rate, by the end of FP7

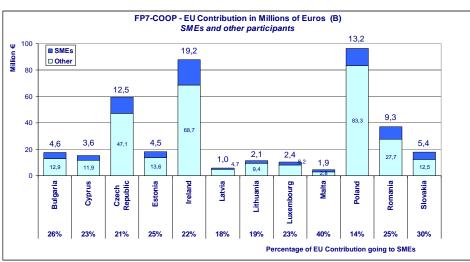
⁴ The "General Activities" cover the CORDIS services, the horizontal ERA-NET scheme, Research organisations in the EU, Strengthened coordination with EUREKA, Scientific and technological cooperation activities carried out in COST, the European Metrology Research Programme, etc

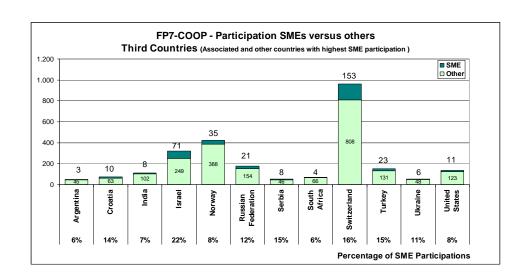
FP7-COOP: SME Participation and EU Contribution to SMEs – per country

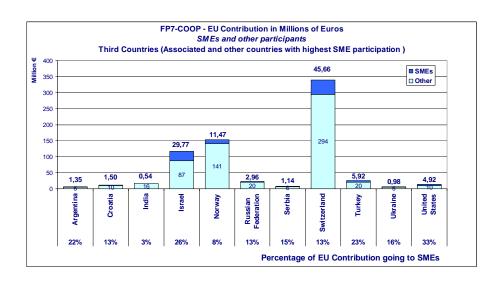












Graph 27: FP7-COOP: SME Participation and EU Contribution to SMEs – per country

FP7-COOP overall

The above analysis covers the Grant Agreements resulting from calls for proposals per thematic priority, not including the contribution to ESA, the JTI's or the General Activities.

Table 8: Overview of the contribution to SMEs in the different sections of the FP7 Cooperation Programme

	EU Contribution to SMEs	EU Contribution to all	Percentage going to SMEs
Cooperation – the 10 Themes	1.262.564.587€	8.764.243.665€	14,4%
Cooperation – General Activities	508.895€	145.840.510€	0,3%
Cooperation - ESA	0€	48.000.000€	0,0%
Cooperation - JTIs	31.420.745€	203.315.799€	15,5%
COOPERATION - Overall	1.294.494.227€	9.161.399.973€	14,1%

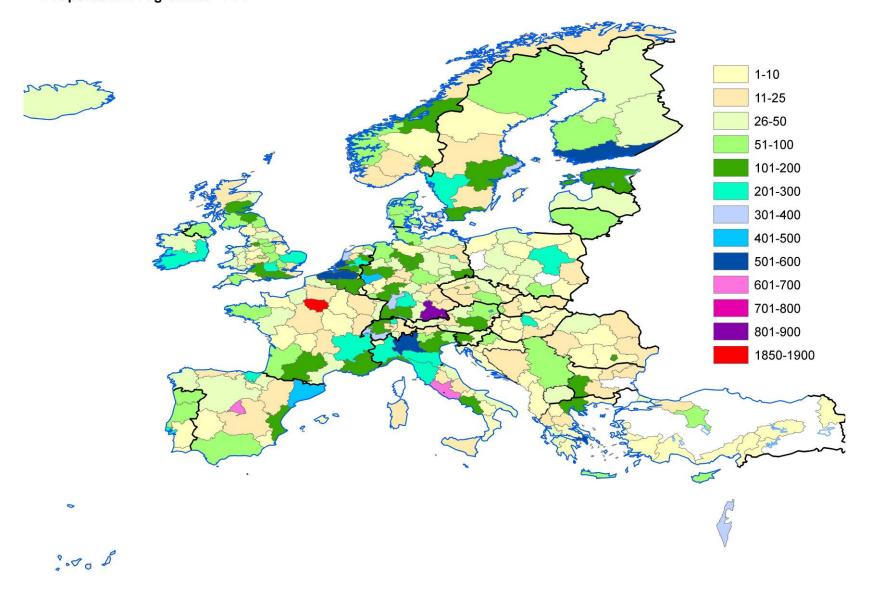
The overall result tells that the EU Contribution to SMEs via the FP7 Cooperation Programme is 14,1 (Target: 15%).

FP7-COOP in maps

- 1. Regional distribution of beneficiaries in signed grant agreements
- 2. Regional distribution of SME beneficiaries in signed grant agreements
- 3. Regional distribution of EU Contribution to beneficiaries in signed grant agreements
- 4. Regional distribution of EU Contribution to SME beneficiaries in signed grant agreements
- 5. Regional analysis of the 15% target in signed grant agreements up to 1 April 2010

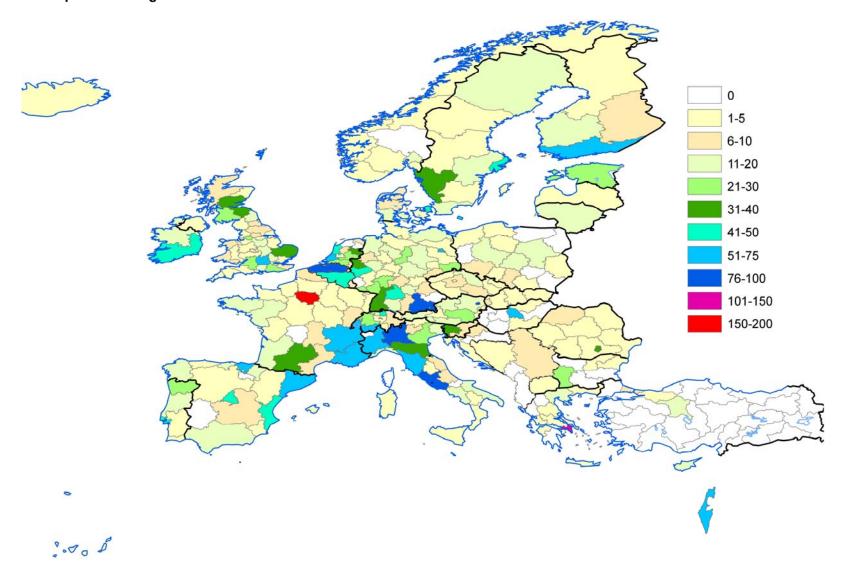
The last map visualises regions with more or less than 15% of the EU contribution in the region going to SME beneficiaries. The few regions with 0% SME contribution are highlighted too.

Regional Distribution of Beneficiaries in Signed Contracts as of the 31 March 2010. Cooperation Programme - FP7



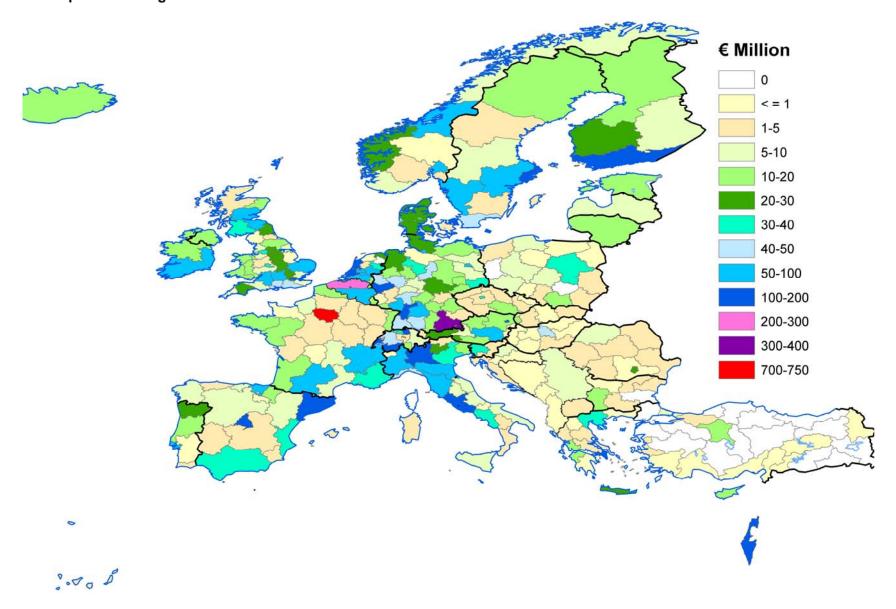
Map 1: Cooperation Programme – FP7. Regional Distribution of Beneficiaries in Signed Contracts as of the 31 March 2010

Regional Distribution of SME Beneficiaries in Signed Contracts as of the 31 March 2010. Cooperation Programme - FP7



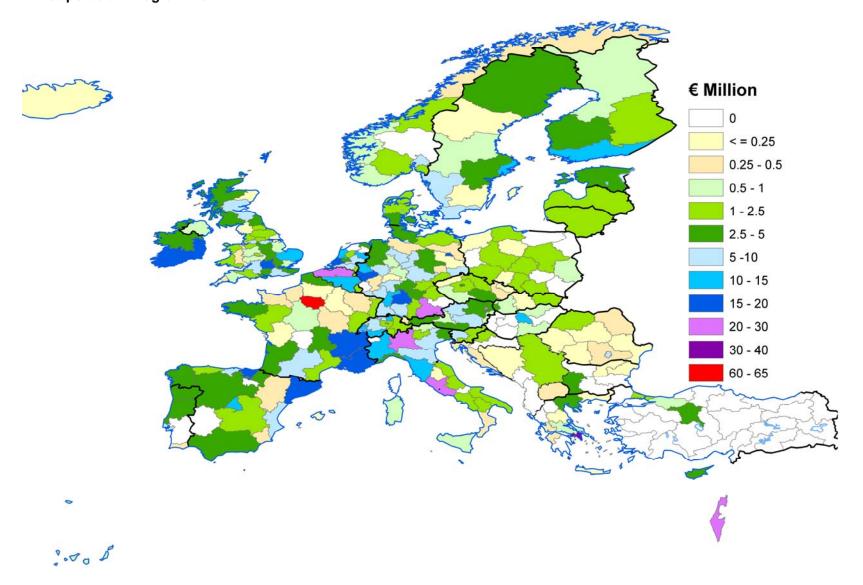
Map 2: Cooperation Programme – FP7. Regional Distribution of SME Beneficiaries in Signed Contracts as of the 31 March 2010

Regional Distribution of EU contribution in Signed Contracts as of the 31 March 2010. Cooperation Programme - FP7



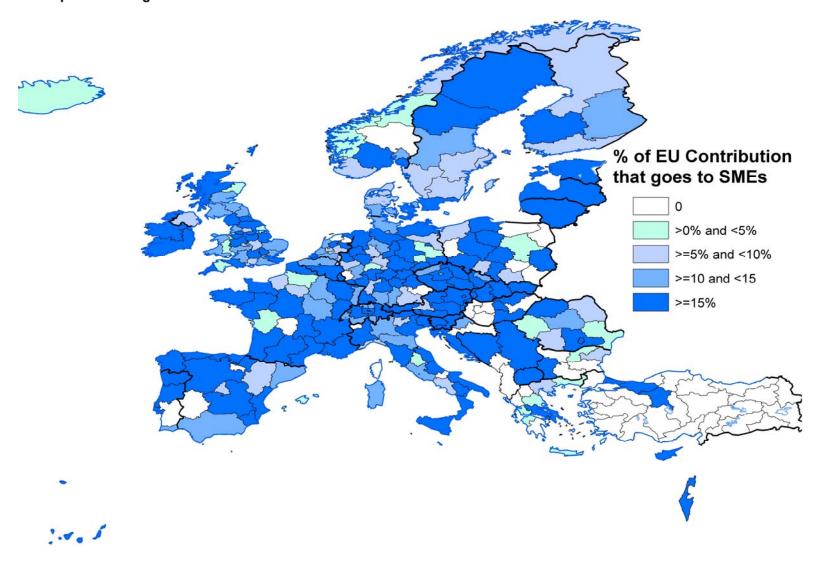
Map 3: Cooperation Programme – FP7. Regional Distribution of EU contribution in Signed Contracts as of the 31 March 2010

Regional Distribution of EU contribution to SMEs in Signed Contracts as of the 31 March 2010. Cooperation Programme - FP7



Map 4: Cooperation Programme – FP7. Regional Distribution of EU contribution to SMEs in Signed Contracts as of the 31 March 2010

Regional analysis of the 15% target in signed contracts as of the 31 March 2010. Cooperation Programme - FP7



Map 5: Cooperation Programme – FP7. Regional analysis of the 15% target in signed contracts as of the 31 March 2010

Chapter 5. FP7 – CAPACITIES (Research for the benefit of SMEs)

Overall Key Figures

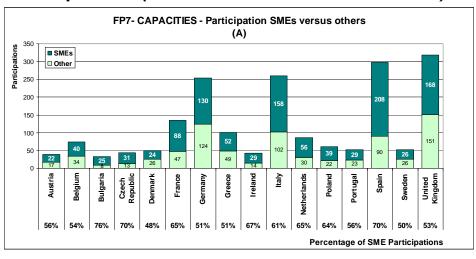
Source: CORDA - Grant Agreements signed before 1 April 2010; extracted 21 April 2010

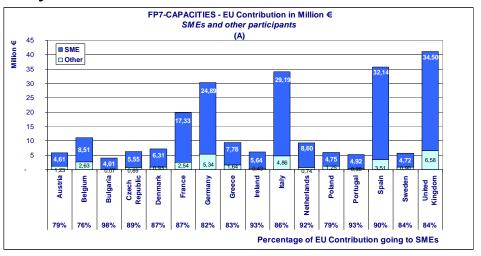
- 245 Signed Grant Agreements
- 2.274 Participations
- 1.412 SME participations
- 62,1% of SME participations
- 287,8 million €EU Contribution all
- 252,1 million €EU Contribution to SMEs
- 87,6% of EU Contribution to SMEs
- 126.574 € Average EU Contribution per participation
- 178.513 € Average EU Contribution per SME participation
- 41.495 € Average EU Contribution for non-SME participations
- 1.300 million € Total foreseen budget FP7
- 22,1% of budget used 1 April 2010

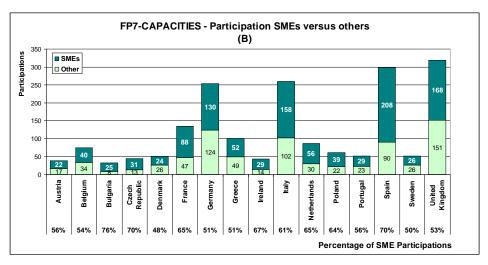
EXTRAPOLATIONS

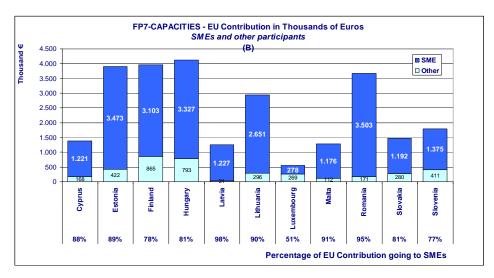
- 6.400: Extrapolation SME participations at current funding rate, by the end of FP7
- 1.140 million €: Extrapolation funding to SMEs at current funding rate, by the end of FP7

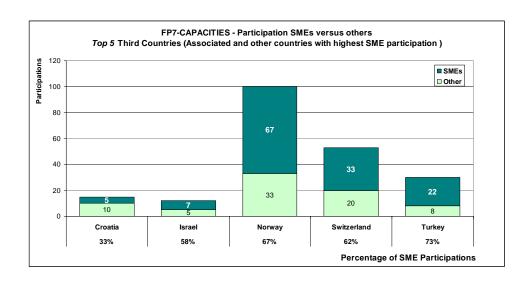
FP7-Capacities (Research for the benefit of SMEs) – Per country

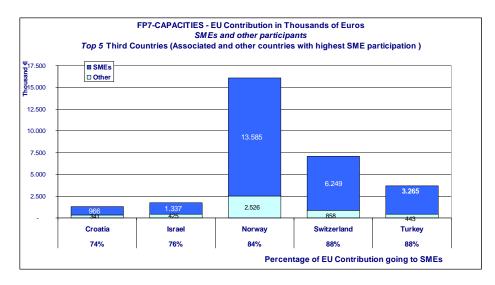












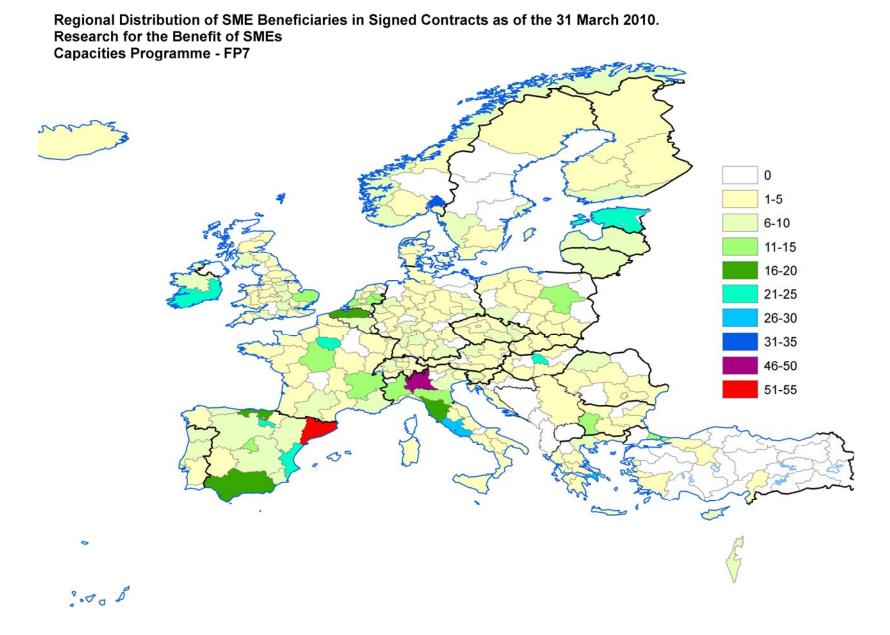
Graph 28: FP7-Capacities: SME Participation and EU Contribution to SMEs

FP7-Capacities (Research for the benefit of SMEs) in Four Maps

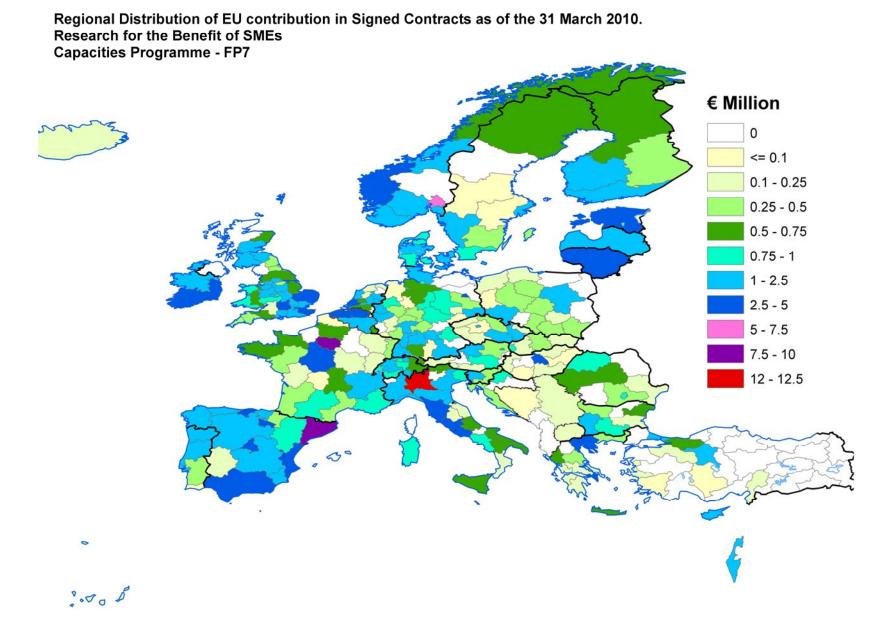
- 1. Regional distribution of beneficiaries in Signed Contracts (signed before 1 April 2010)
- 2. Regional distribution of SME beneficiaries in Signed Contracts
- 3. Regional distribution of the EU distribution to the beneficiaries in Signed Contracts
- 4. Regional distribution of the EU distribution to the SME beneficiaries in Signed Contracts

Regional Distribution of Beneficiaries in Signed Contracts as of the 31 March 2010. Research for the Benefit of SMEs **Capacities Programme - FP7** 1-5 6-10 11-15 16-20 21-25 26-30 31-35 36-40 41-45 46-50 51-60 61-65 °.00 8

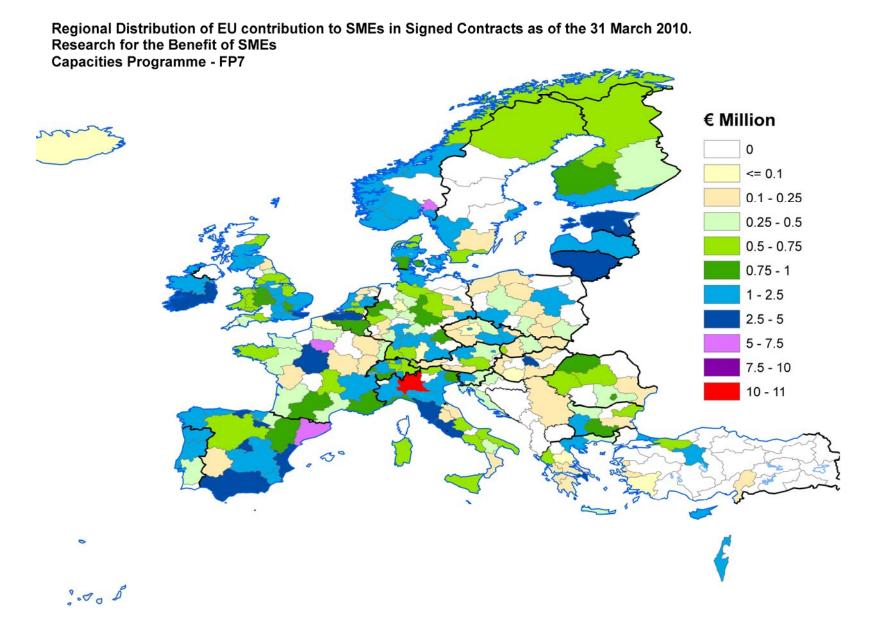
Map 6: Capacities Programme – FP7. Regional Distribution of Beneficiaries in Signed Contracts as of the 31 March 2010



Map 7: Capacities Programme – FP7. Regional distribution of SME beneficiaries in signed contracts as of the 31 March 2010



Map 8: Capacities Programme – FP7. Regional Distribution of EU contribution in Signed Contracts as of the 31 March 2010



Map 9: Capacities Programme – FP7. Regional Distribution of EU contribution to SMEs in Signed Contracts as of the 31 March 2010

Chapter 6. FP7-PEOPLE

The participation of SMEs in two Marie Curie actions is considered:

- Marie Curie Industry Academia Partnerships and Pathways (IAPP)
- Marie Curie Initial Training Networks (ITN)

KEY FIGURES

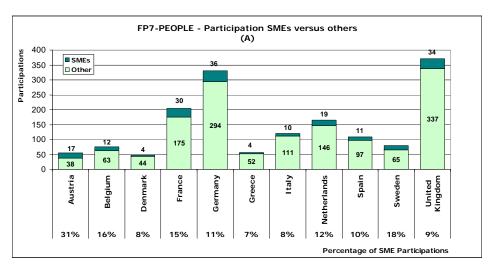
Source: CORDA - Grant Agreements signed before 1 April 2010; extracted 21 April 2010

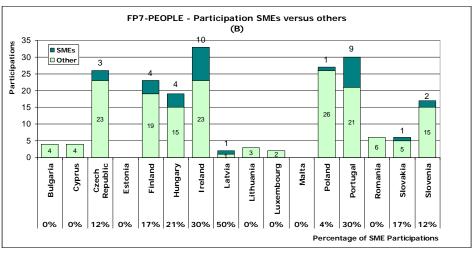
- 266 Signed Grant Agreements
- 1.990 Participations
- 244 SME participations
- 12,3% of SME participations
- 678,4 million €EU Contribution all
- 60,5 million €EU Contribution to SMEs
- 8,9% of EU Contribution to SMEs
- 340.889 € Average EU Contribution per participation
- 248.006 € Average EU Contribution per SME participation
- 353.870 € Average EU Contribution for non-SME participations
- 1.900 million € Total foreseen budget FP7
- 35,7% of budget used 1 April 2010

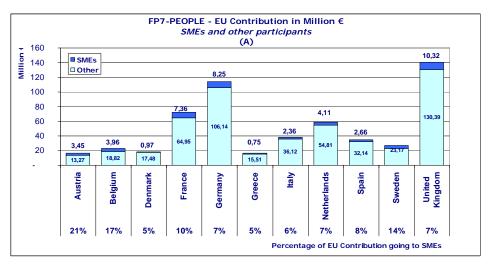
EXTRAPOLATIONS:

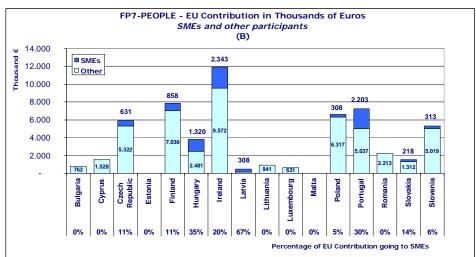
- 680: Extrapolation SME participations at current funding rate, by the end of FP7
- 170 million €: Extrapolation funding to SMEs at current funding rate, by the end of FP7

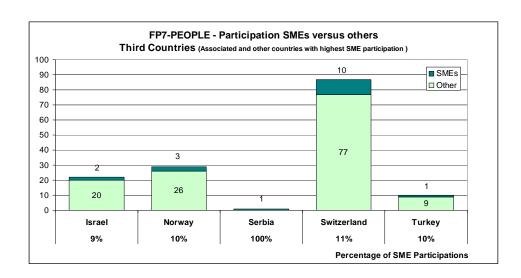
FP7-PEOPLE (Marie Curie: IAPP and ITN) – Per country

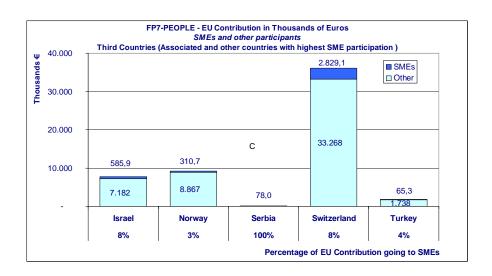












Graph 29: FP7-PEOPLE: SME Participation and EU Contribution to SMEs

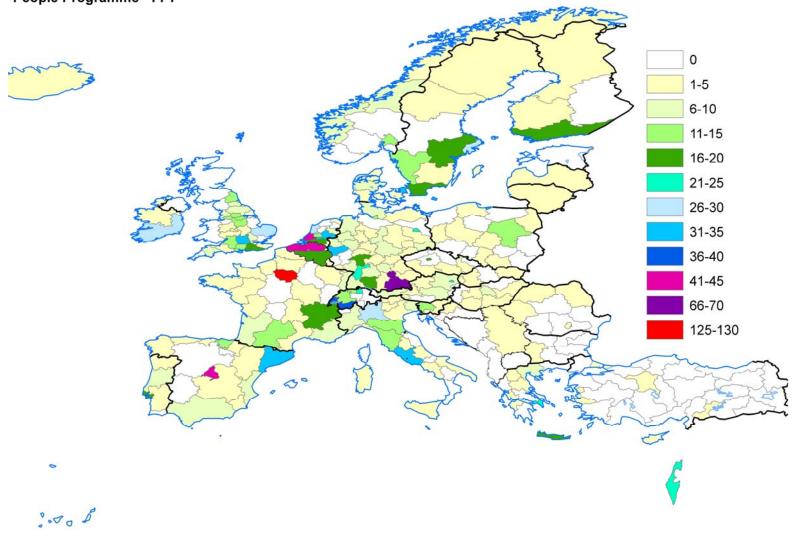
FP7-PEOPLE (ITN and IAPP) in four maps

- 1. Regional distribution of beneficiaries in Signed Contracts (signed before 1 April 2010)
- 2. Regional distribution of SME beneficiaries in Signed Contracts
- 3. Regional distribution of the EU distribution to the beneficiaries in Signed Contracts
- 4. Regional distribution of the EU distribution to the SME beneficiaries in Signed Contracts

Regional Distribution of Beneficiaries in Signed Contracts as of the 31 March 2010.

Marie Curie Industry Academia Partnerships and Pathways (IAPP) and Marie Curie Initial Training Networks (ITN)

People Programme - FP7

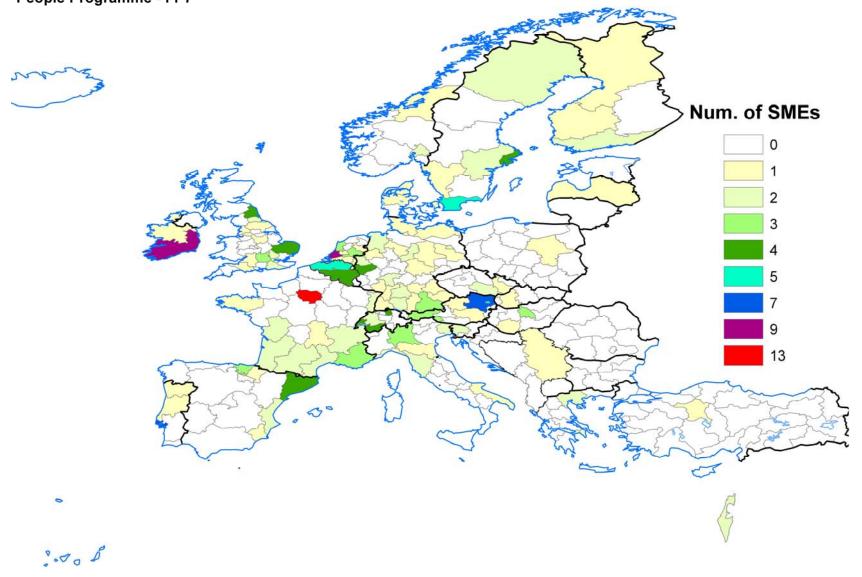


Map 10: PEOPLE PROGRAMME-FP7. ITN and IAPP. Regional Distribution of Beneficiaries in Signed Contracts as of the 31 March 2010

Regional Distribution of SME Beneficiaries in Signed Contracts as of the 31 March 2010.

Marie Curie Industry Academia Partnerships and Pathways (IAPP) and Marie Curie Initial Training Networks (ITN)

People Programme - FP7

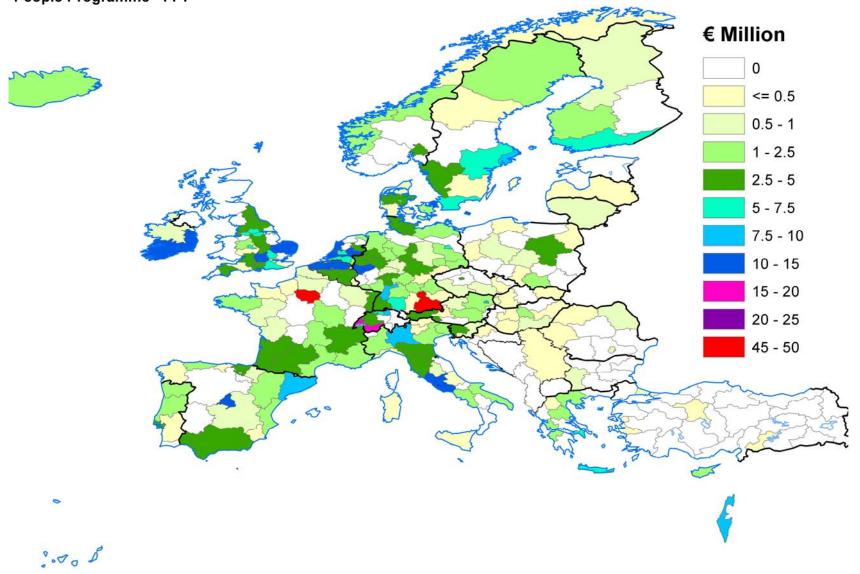


Map 11: PEOPLE PROGRAMME-FP7. ITN and IAPP. Regional Distribution of SME Beneficiaries in Signed Contracts as of the 31 March 2010

Regional Distribution of EU Contribution in Signed Contracts as of the 31 March 2010.

Marie Curie Industry Academia Partnerships and Pathways (IAPP) and Marie Curie Initial Training Networks (ITN)

People Programme - FP7

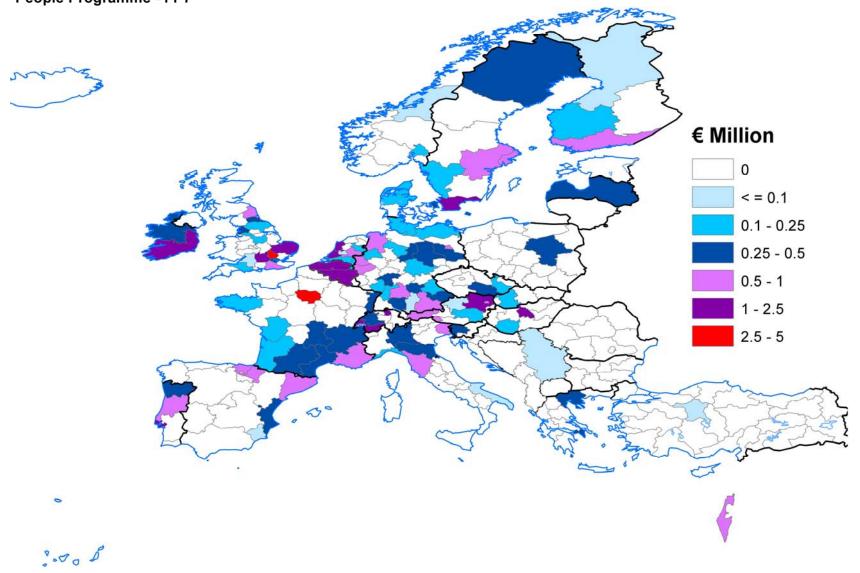


Map 12: PEOPLE PROGRAMME-FP7. ITN and IAPP. Regional Distribution of EU Contribution in Signed Contracts as of the 31 March 2010

Regional Distribution of EU Contribution to SMEs in Signed Contracts as of the 31 March 2010.

Marie Curie Industry Academia Partnerships and Pathways (IAPP) and Marie Curie Initial Training Networks (ITN)

People Programme - FP7



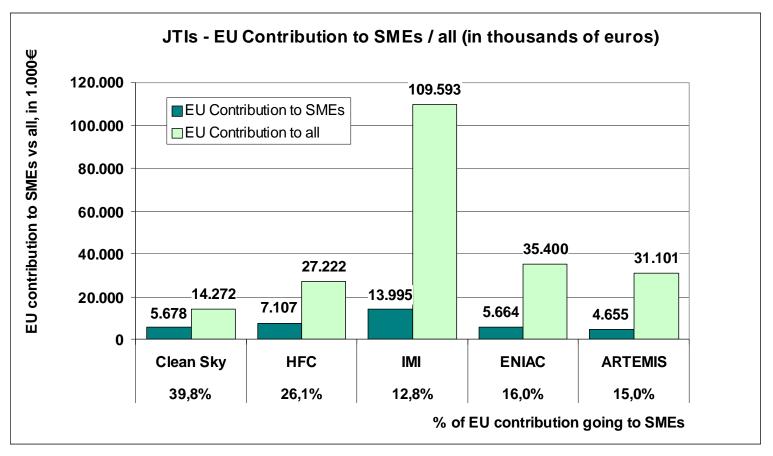
Map 13: PEOPLE PROGRAMME-FP7. ITN and IAPP. Regional Distribution of EU Contribution to SMEs in Signed Contracts as of the 31 March 2010

Chapter 7. Joint Technology Initiatives (JTIs)

A first snapshot, based on data obtained from the JTIs, (ENIAC, ARTEMIS, IMI, not from CORDA)

For ENIAC no available information for signed grant agreements, figures are estimation based upon selected proposal.

For CleanSky, no signed contracts yet at the date of compilation of this report, data available at proposal stage (retained proposals).



Graph 30: JTIs – EU Contribution to SMEs/ all (in thousands of euros)

Chapter 8. Overall analysis FP7

Source: CORDA, extracted 21 April 2010; data about Grant Agreements signed before the 1st of April 2010.

Cooperation

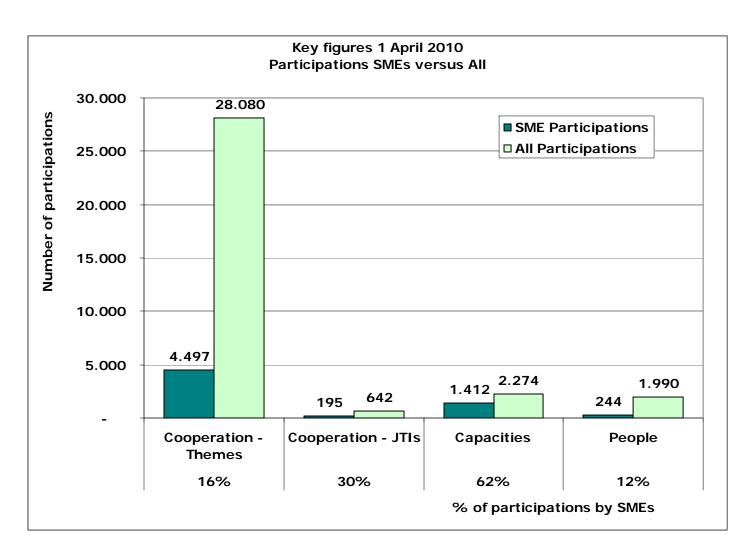
- The Ten Themes
- The contribution to ESA
- The JTIs
- The General Activities

Capacities

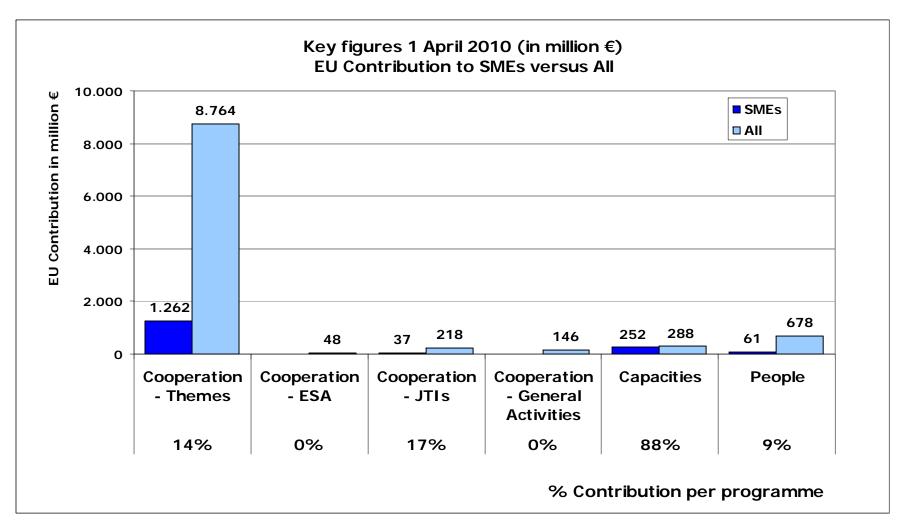
- Research for the benefit of SMEs
- The EUROSTARs

People

- Marie Curie Industry Academia Partnerships and Pathways (IAPP)
- Marie Curie Initial Training Networks (ITN)



Graph 31: Key figures 1 April 2010. Participations SMEs versus all



Graph 32: Key figures 1 April 2010. EU Contribution to SMEs versus all

Extrapolation without additional SME targeted actions

FP7: more than 20.000 SMEs within reach

Extrapolation of the figures as of 1 April 2010 learns that within FP7 the European Commission can be expected to reach

- 16.500 participations within the thematic priorities of the Cooperation Programme
- 6.400 SME participations in the Capacities Programme
- 680 SME participations in the People Programme
- 2.700 SME participations within the JTI's

This means that one can expect that by the end of FP7, 20.000 unique SMEs are within reach.

Overall, for FP7 more than 6.000 million €will go to SMEs=

Extrapolation of the figures as of 1 April 2010 learns that within FP7 the European Commission, without specific SME targeted action, can be expected to reach

- 4.600 million €via the Cooperation Programme
- 1.140 million €via the Capacities Programme
- 170 million €via the People Programme
- 530 million €via the the JTI's

With SME targeted calls, the number of SMEs and EU budget going to SMEs via FP7 will be higher.

Chapter 9. Other funding schemes offering benefit to SMEs Eurostars and Ambient Assisted Living (Article 185 initiatives)

Eurostars and Ambient Assisted Living (AAL) are Joint Programmes between Member States, to which the Community participates via Article 185 TFEU. Although the exact benefit for SMEs is not yet known, considerable parts of the funds of both programmes will definitely go to SMEs.

Eurostars supports R&D-performing SMEs willing to undertake their own research in small, transnational partnerships. The Community will contribute up to EUR 100 million to the Joint Programme, while the 32 participating countries are expected to contribute EUR 300 million.

The 100 million Euros EU contribution is coming out of the Capacities budget.

The AAL Joint Programme supports R&D which aims at enhancing the quality of life of older people and strengthening the industrial base in Europe through the use of Information and Communication Technologies (ICT). The Community will contribute EUR 150 million, while the 23 participating countries will contribute EUR 150 million. The 150 million Euro EU Contribution comes from the ICT budget under the Cooperation programme.

Eurostars

Source data: EUREKA Secretariat

The Eurostars Joint Programme has organised 4 cut-off dates. Three of them have already been evaluated (cfr. Table). The R&D performing SMEs and other SMEs represent more than 70% of all applicants. A typical Eurostars project proposal has, on the average, 3 partners and a cost of EUR 1,4 million. The most represented technology areas are ICT, biotechnology and industrial technologies.

The 4th cut-off closed in February 2010 and attracted 316 applications. At the time of preparing this report, the evaluation is ongoing.

Table 9: Key Figures Eurostars – proposals and evaluations

	1st cut-off date	2 nd cut-off date	3 rd cut-off date	Total	
Submission					
Number of applications	215	317	279	811 2718	
Number of applicants	667	1105	946		
R&D performing SMEs	472	713	545	1730 240	
SMEs	24	96	120		
Large companies	36	56	48	140	
Universities	71	142	123	336 227	
Research Institutes	56	80	91		
Other	8	18	19	45	
Eligibility					
Eligible Applications	189	244	236	669	
Evaluation					
Applications above	133	111	112	356	

The following table provides the details on the selected projects from the first two cut-off dates, from February and November 2008.

Table 10: Eurostars – funded projects

	1st cut-off	2 nd cut-off	Total	
Projects funded	90	86	176	
Number of participants	282	295	577	
R&D performing SMEs	203	193	396	
Universities	29	33	62	
Research Institutes	29	25	54	
Large Companies	14	20	34	
SMEs	4	20	24	
Other	3	4	7	
Total cost	127,7 M€	128,5 M€	257,2 M€	
Funding from participating	44,5 M€	45,6 M€	90,1 M€	
EU funding (expected)	14,9 M€	15,2 M€	30,1 M€	

For these two cut-off dates, 78% of the public funding goes to SMEs.

Ambient Assisted Living

Source data: AAL Central Management Unit

AAL closed its first call for proposals in August 2008 with an indicative budget of EUR 57.7 million. 118 project applications were received. SMEs make up 38% of the 958 applying organisations. 56 projects were positively evaluated, involving 173 SMEs (39% of all organisations). 23 proposals were finally selected for funding.

The second AAL call closed on 5 May 2009 and had an indicative budget of EUR 60.9 million. In total, 104 project applications were received. SMEs are very well represented in this call with 46% of the 762 applying organisations being SMEs. After the evaluation, 142 SMEs (43%) are involved in the 41 ranked projects. The number of funded projects will depend on the availability of national funding.

The third call for proposals will close on 30 July 2010.

ERA-NET & ERA-NET Plus

The objective of the ERA-NET scheme is to develop and strengthen the coordination of national and regional research programmes through two specific actions: ERA-NET and ERA-NET Plus.

ERA-NET provides a framework for actors implementing public research programmes to coordinate their activities e.g. by developing joint activities or by mutually supporting joint calls for trans-national proposals. Under this scheme, the EU contribution is used for the coordination activities, not for co-funding joint calls. Under FP6, there were 71 ERA-NETs;

under FP7, 51 ERA-NET actions have been selected with a total EU contribution of €91 Million. Several of these actions are relevant for SMEs like CORNET II and EraSME² (which are targeting respectively collective research and the collaboration between SMEs and Research Organisations) and Eurotransbio (supports the collaboration between companies, especially SMEs, and academic labs in the area of Biotechnology). Several initiatives in the area of industrial technologies are also attracting SMEs, like e.g. Manunet, with an SME participation of 70-80%.

ERA-NET Plus provides, in a limited number of cases with high European added value, additional EU financial support to facilitate joint calls for proposals between national and/or regional programmes. Under FP7, a total of 9 ERA-NET Plus actions have been identified so far with a total EU contribution of \leq 68 Million and a total budget of 244 M \leq for the implemented calls.

Chapter 10: SME profiles in Aeronautics research

Analysis of the composition of SMEs in the ranked proposals of the 1st & 2nd Aeronautics Calls of Framework Programme 7

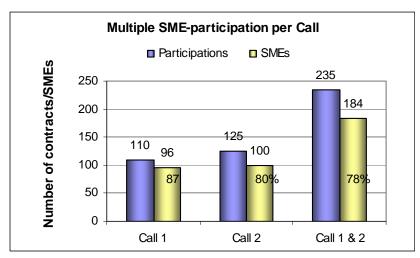
Excerpts prepared for: EC SME Progress Report in FP7 by



The information provided below is taken from an analysis prepared by the Aerospace & Defence Association of Europe on the composition of SMEs participating in the ranked proposals of the first two Aeronautics Calls of the 7th Framework Programme. The objectives were twofold: to understand who are the SMEs in Aeronautics projects and to analysis the SME Participation and the respective budget spent in the two first calls of Framework Programme 7.

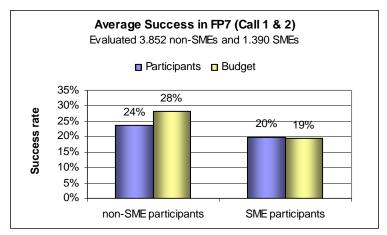
The analysis is based on a total of 269 self-declared SME participations. The data was provided by the European Commission who collected them from the consortium details as provided in their proposals. 34 or about 13% of the self-declared SMEs turned out not to be SMEs but larger enterprises or universities. They were not included in the analysis.

An SME enterprise may participate in multiple projects. The 235 SME participations reviewed corresponded to 184 or 78% distinct SME enterprises. It is assumed that with any additional call the number of distinct SMEs is further reduced.



Graph 35: Multiple SME participation per call

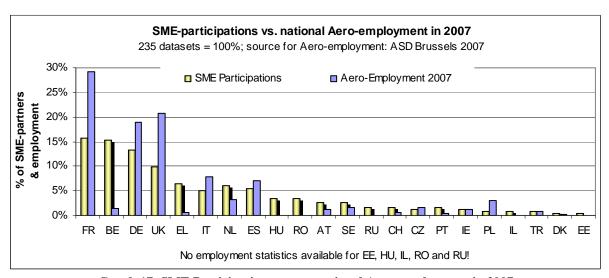
22.8% of the Call 1 and Call 2 Participants are SMEs requesting 18.7% of the EC funding. In general, the success rate of SMEs in aeronautics calls is smaller as compared to non-SME proposal participants. While only 12% of the SME-proposed (coordinated) projects got funded (success rate), 20% of the non-SME-coordinated projects got funded in the first two aeronautics calls. The overall success rate of SMEs participants is 20% as compared to 24% of the non-SMEs, Graph 36.



Graph 36: overall success rate of SMEs participants

In collaborative focussed research projects (CP-FP) 59% of the SMEs are found, 30% on collaborative integrated projects (CP-IP) and 11% in coordination and support actions (CSA). This somehow reflects the share of funding available for these types of projects.

There is no straight forward correlation between the national aeronautics employment per country and the national SME participation in aeronautics projects. Belgium (BE), Greece (EL) and The Netherlands (NL), for instance, show a much stronger SME participation in EU projects as one would expect from the size of their national aeronautics industry.

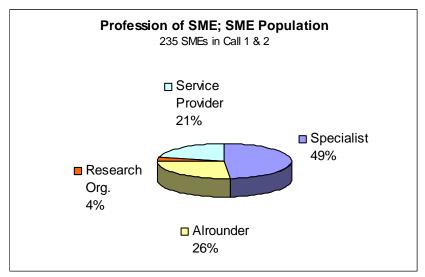


Graph 17: SME Participations versus national Aero-employment in 2007

For a further analysis, the SME's *profession* has been categories in three main groups: the <u>Specialist</u> enterprise which offers unique know-how and services for specific aeronautical applications; the <u>All-rounder</u> offers a variety of technological services relevant to aeronautics but also to other sectors. <u>Service Providers</u> offer a variety of general services which need not

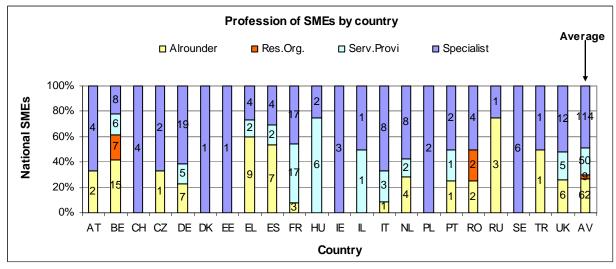
be specific to the aeronautics sector. Based on this scheme it was found that 49% of SMEs are specialists while 39% provide know-how for processes or new technologies. However, these professions do not necessarily reflect the SME's role in individual research projects.

It needs to be noted here that these data are based on the company profiles provided by the SMEs in their internet homepages.



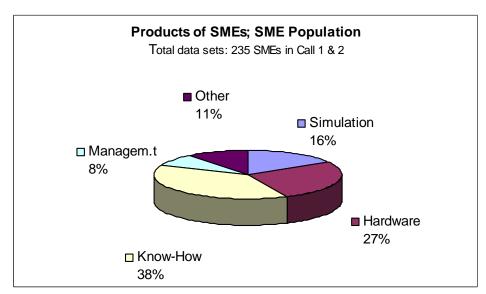
Graph 38: Aeronautics – Profession of SME in SME Population

The *profession* of SMEs varies significantly across the countries involved as shown in Graph 37. This may be a consequence of a variety of factors such as the national strength and structure of the aeronautics industry, the national research capabilities, etc. Note that for countries with a very low participation the statistics may no be representative.



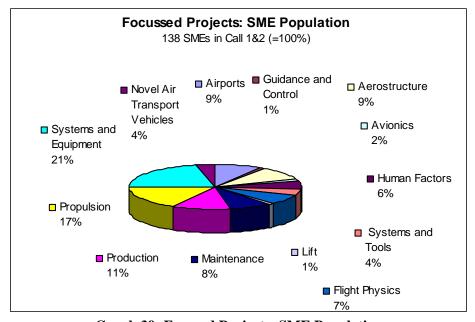
Graph 37 (number of SMEs for each group are indicate in the graph)

In a second step the *products* of the SME enterprises were analysed. This showed that only 8% of the SMEs provide management services e.g. administrative support to the coordinator. All other SMEs provide value adding services like know how, manufacturing skills for specific, aeronautics-related hardware or numerical simulation skills which in our analysis also covers software generation.



Graph 38: Products of SMEs (SME Population)

SMEs are primarily found in EU research and technology development projects which are concerned with practical areas of work such as systems and equipment, propulsion and production. A much lower SME population is found in aerodynamics related topics as research on the aerodynamic *lift*, on *avionics* or *guidance and control*, compare Graph 39.



Graph 39: Focused Projects: SME Population

The analysis confirms the findings of earlier studies (see AeroSME study⁵) which concluded that EU research and technology development projects are the domain of professional SMEs with valuable skills or technologies. However, beyond the usefulness of the latter, there is no easy to define profile of the typical aeronautics SME, neither in

90

⁵ AeroSME Study on Aeronautics SMEs in the 6th Framework Programme of the European Union; AeroSME project; Aerospace & Defence Association of Europe, February 2007;

terms of a strong national aeronautics industry nor in terms of profession or products. The national or regional environment and support appears to strongly influence the SMEs participation in EU funded aeronautics projects.

ANNEX: CALL DATA TABLE

THEME	Call ID	Nr of Projects	Nr of Participants	Nr of SMEs	SMEs/ALL	Average SMEs per Project	ALL Participants EU Contribution	SMEs EU Contribution	% of EU Contribution Going to SMES	Average SMI EU Contribution
	FP7-Adhoc-2007-13	2	2	-	0,0%	0,0	1.600.000		0,00%	
	FP7-ERANET-2007-RTD FP7-HEALTH-2007-A	153	15 1.580	209	0,0% 13,2%	0,0 1,4	1.999.408 637.501.039	66.249.595	0,00% 10,39%	316.9
EALTH	FP7-HEALTH-2007-B	172	1.746	192	11,0%	1,1	578.283.471	65.028.681	11,25%	338.6
BBE	FP7-HEALTH-2009-single-stage FP7-2009-BIOREFINERY_CP	84 1	1.009 24	119 7	11,8% 29,2%	1,4 7,0	449.118.009 13.920.237	48.442.475 2.567.618	10,79% 18,45%	407.0 366.0
BBE	FP7-ERANET-2007-RTD	2	39	-	0,0%	0,0	1.997.217	-	0,00%	
BBE	FP7-ERANET-2008-RTD FP7-KBBE-2007-1	1 64	23 837	- 109	0,0% 13,0%	0,0 1,7	999.565 191.411.336	18.118.361	0,00% 9,47%	166.3
BBE	FP7-KBBE-2007-2A	20	344	44	12,8%	2,2	115.993.445	6.999.828	6,03%	159.
BBE	FP7-KBBE-2008-2B FP7-KBBE-2009-3	40 28	478 280	48 27	10,0% 9,6%	1,2 1,0	96.987.482 75.304.641	5.662.818 5.576.723	5,84% 7,41%	117. 206.
CT	FP7-ICT-2007-1*	318	3.261	576	17,7%	1,8	1.199.657.368	179.880.292	15,19%	313.
CT -	FP7-ICT-2007-2	149	1.464	280	19,1%	1,9	459.827.521	72.855.046	16,04%	272.
CT CT	FP7-ICT-2007-3 FP7-ICT-2007-C	71 36	630 254	90 4	14,3% 1,6%	1,3 0,1	264.744.641 64.982.108	29.344.342 1.039.802	11,08% 1,60%	326. 259.
T	FP7-ICT-2009-4	241	2.059	318	15,4%	1,3	757.786.059	115.720.034	12,68%	302.
CT CT	FP7-ICT-2009-C FP7-ICT-ENERGY-2009-1	16 6	97 59	4 10	4,1% 16,9%	0,3 1,7	29.479.894 19.533.222	1.863.982 3.295.989	4,25% 16,51%	313. 329.
T	FP7-ICT-SEC-2007-1	9	73	9	12,3%	1,0	19.996.914	2.769.431	10,87%	241.
MP MP	FP7-2009-BIOREFINERY_CSA FP7-ENERGY-NMP-2008-1	1	12 31	- 6	0,0% 19,4%	0,0	1.951.959 8.944.722	1.362.516	0,00% 15,23%	227.
MP	FP7-ENV-NMP-2008-2	1	9	2	19,4% 22,2%	1,5 2,0	8.944.722 2.491.334	1.362.516 450.649	15,23% 18,09%	227.
MP	FP7-ERANET-2007-RTD	2	50	-	0,0%	0,0	8.616.233		0,00%	
MP MP	FP7-ERANET-2008-RTD FP7-NMP-2007-CSA-1	11	84 129	- 27	0,0% 20,9%	0,0 2,5	9.998.454 14.182.885	4.299.086	0,00% 30,31%	159.
MP	FP7-NMP-2007-LARGE-1	39	791	210	26,5%	5,4	294.185.148	61.497.224	20,90%	292.
MP MP	FP7-NMP-2007-SMALL-1 FP7-NMP-2007-SME-1	48 22	462 281	92 154	19,9% 54,8%	1,9 7,0	148.863.707 74.515.797	23.260.986 39.591.972	15,63% 53,13%	252. 257.
MP	FP7-NMP-2008-CSA-2	15	167	26	15,6%	1,7	14.979.047	2.003.120	13,37%	77.
MP	FP7-NMP-2008-EU-India-2	6	25	2	8,0%	0,3	4.999.886	227.331	4,55%	113.
MP MP	FP7-NMP-2008-LARGE-2 FP7-NMP-2008-SMALL-2	29 54	497 496	112 107	22,5% 21,6%	3,9 2,0	218.942.229 164.137.267	43.268.066 30.019.941	19,76% 18,29%	386 280
MP	FP7-NMP-2008-SME-2	19	239	132	55,2%	6,9	62.465.759	30.221.534	48,38%	228
MP MP	FP7-NMP-2009-CSA-3 FP7-NMP-2009-EU-Russia	3	19 19	4	21,1% 21,1%	1,3 1,3	2.069.824 4.637.529	370.005 437.250	17,88% 9,43%	92. 109.
MP	FP7-NMP-2009-Mapping	1	2	-	0,0%	0,0	349.000	457.250	0,00%	103.
MP	FP7-NMP-ENV-2009	2	21	4 13	19,0%	2,0	4.897.200	399.630	8,16%	99.
	FP7-2009-BIOREFINERY_CP FP7-Adhoc-2007-13	3	45 3	-	28,9% 0,0%	6,5 0,0	35.671.011 977.591	10.770.533	30,19% 0,00%	828.
	FP7-ENERGY-2007-1-RTD	45	528	102	19,3%	2,3	145.602.050	22.823.880	15,68%	223.
	FP7-ENERGY-2007-2-TREN* FP7-ENERGY-2008-1	26 12	271 150	43 24	15,9% 16,0%	1,7 2,0	88.223.180 33.475.272	15.421.165 7.986.429	10,54% 23,86%	216. 332.
NERGY	FP7-ENERGY-2008-FET	5	36	14	38,9%	2,8	13.434.228	4.156.609	30,94%	296
	FP7-ENERGY-2008-RUSSIA FP7-ENERGY-2008-TREN-1	22	28 241	3 50	10,7% 20,7%	1,5 2,3	3.519.086 142.452.899	1.118.232 32.448.555	31,78% 22,78%	372 648
NERGY	FP7-ENERGY-2009-1	22	259	35	13,5%	1,6	76.416.042	9.762.647	12,78%	278
	FP7-ENERGY-2009-3 FP7-ENERGY-NMP-2008-1	6	40 48	4	10,0% 18,8%	0,7 1,5	3.705.190 14.864.971	937.466 2.247.520	25,30% 15,12%	234 249
	FP7-ERANET-2007-RTD	1	18	-	0,0%	0,0	2.479.990	2.247.520	0,00%	249
	FP7-SST-2007-TREN-1_28June	1	30	2	6,7%	2,0	14.749.681	811.240	5,50%	405
NV NV	FP7-Adhoc-2007-13 FP7-ENV-2007-1	73	976	100	0,0% 10,2%	0,0 1,4	1.400.000 200.765.764	16.199.958	0,00% 8,07%	162
NV	FP7-ENV-2008-1	66	967	130	13,4%	2,0	219.629.312	19.783.220	9,01%	152
NV NV	FP7-ENV-2009-1 FP7-ENV-NMP-2008-2	51 4	748 33	78 4	10,4% 12,1%	1,5 1,0	175.136.582 6.749.280	15.707.975 511.910	8,97% 7,58%	201 127
	FP7-ERANET-2007-RTD	2	31	-	0,0%	0,0	3.989.930	-	0,00%	
PT PT	FP7-AAT-2007-RTD-1 FP7-AAT-2007-TREN-1	36	596 13	97	16,3% 15,4%	2,7 2,0	217.482.193 2.363.004	30.612.442 583.689	14,08% 24,70%	315 291
PT	FP7-AAT-2008-RTD-1	44	621	123	19,8%	2,8	209.495.244	35.917.466		292
PT	FP7-Adhoc-2007-13	1	18		0,0%	0,0	2.143.451	-	0,00%	
PT PT	FP7-ERANET-2007-RTD FP7-ERANET-2008-RTD	2	15 45	1	6,7% 0,0%	1,0 0,0	2.990.000 3.399.550	637.073	21,31% 0,00%	637
PT	FP7-SST-2007-RTD-1*	65	832	161	19,4%	2,5	190.331.520	36.480.992	16,96%	200
PT PT	FP7-SST-2007-TREN-1_05June FP7-SST-2007-TREN-1 28June	6	97 111	20 13	20,6% 11,7%	3,3 2,2	22.060.460 63.734.616	3.686.105 5.524.530	16,71% 8,67%	184 424
PΤ	FP7-SST-2008-RTD-1	69	883	176	19,9%	2,6	212.237.265	40.589.646	19,12%	230
PT PT	FP7-SST-2008-TREN-1	10 13	140 118	36	25,7%	3,6 2,2	33.365.242 11.816.395	9.427.080		261
<u>'ι</u> Υ	FP7-TPT-2007-RTD-1 FP7-TPT-2008-RTD-1	13	118	28 32	23,7% 30,8%	2,2	11.816.395	3.232.845 4.711.012	27,36% 31,65%	115 147
SH	FP7-ERANET-2008-RTD	1	13	-	0,0%	0,0	5.989.100	-	0,00%	
SH SH	FP7-SSH-2007-1 FP7-SSH-2009-A	101 20	854 222	30 14	3,5% 6,3%	0,3 0,7	134.650.369 48.464.286	3.859.892 3.059.021	2,87% 6,31%	128
SH	FP7-SSH-2009-B	1	14	1	7,1%	1,0	2.991.352	249.253	8,33%	249
PA	FP7-SSH-2009-C FP7-Adhoc-2007-13**	5	34	2	5,9% 0,0%	0,4 0,0	4.326.253 3.299.999	98.108	2,27% 0,00%	49
PA	FP7-Adnoc-2007-13** FP7-SPACE-2007-1	19	430	- 66	15,3%	3,5	3.299.999 141.943.136	14.491.664	10,21%	219
PA	FP7-SPACE-2009-1	14	131	21	16,0%	1,5	29.124.500	5.269.841	18,09%	250
C	FP7-Adhoc-2007-13 FP7-ICT-SEC-2007-1	9	78	- 21	0,0% 26,9%	0,0 2,3	350.000 21.797.840	5.716.581	0,00% 26,23%	272
EC	FP7-SEC-2007-1	48	572	99	17,3%	2,1	161.746.898	30.692.855	18,98%	310
EC	FP7-SEC-2009-1	7	70	15	21,4%	2,1	17.663.006	4.212.827	23,85%	280

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