



Greek Participation in Energy calls of Horizon2020

National Hellenic Research Foundation
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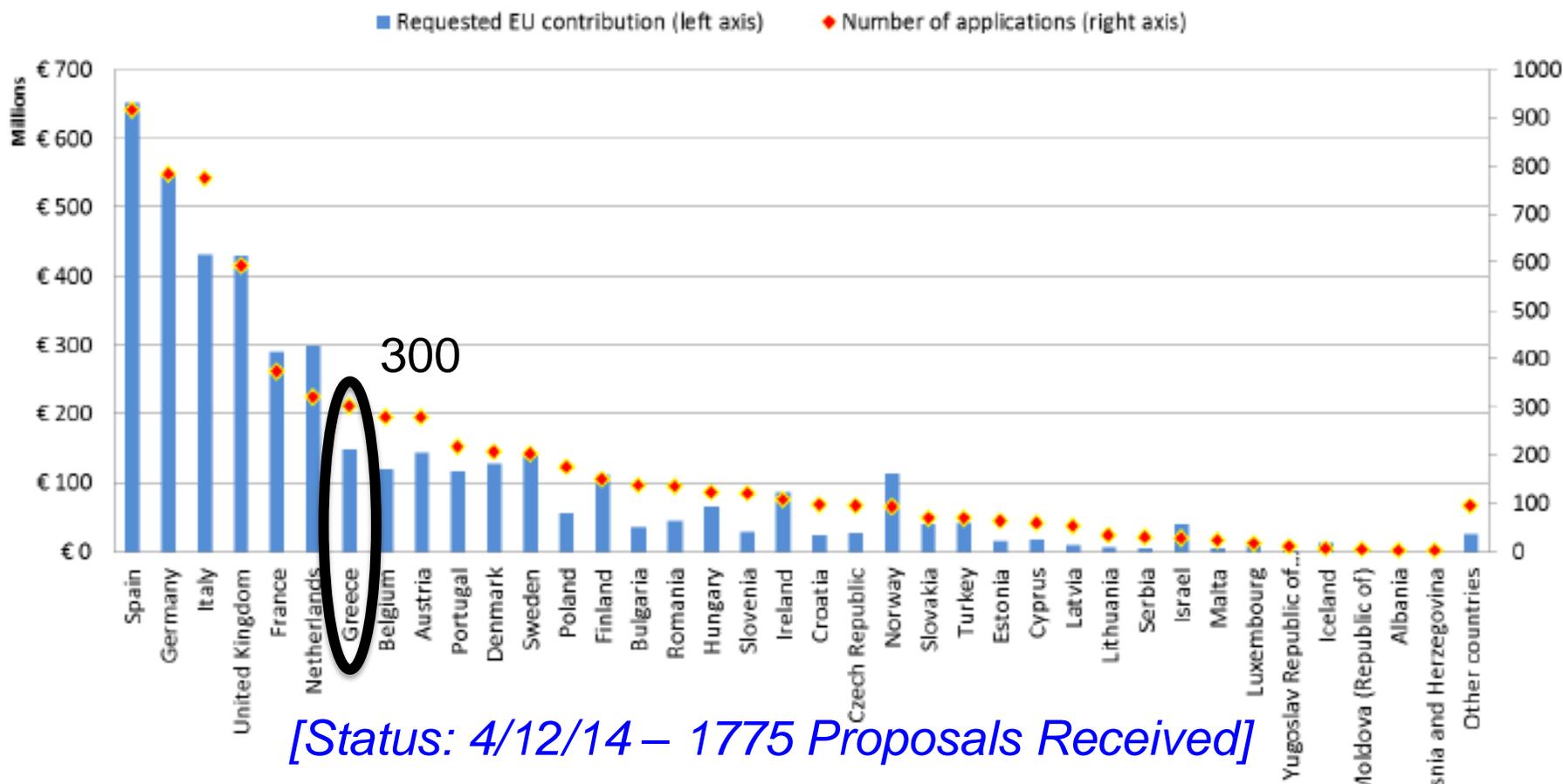
Secure Clean and Efficient Energy



GENERAL RESULTS ON THE ENERGY CALLS



HZ2020 - 2014 Energy Calls – Applicant's Origin



- Data on applications for the **sub-call H2020-LCE-2014-2** (including the topic LCE3, LCE12, LCE19, LCE20) **not included**;
- Evaluation results for the **sub-call H2020-LCE-2014-1** (including topics LCE1, LCE2, LCE11, LCE15, LCE16) **not included**;
- For **2-stage calls**, proposals of the first stage have been considered in this analysis (data on 2nd stage not yet available);



H2020 Calls – “Secure Clean & Efficient Energy”

Industrial Leadership - SMEINST 1 - 2014 Call:

- Deadlines 18/6/2014, 24/9/2014, 17/12/2014
- Total available Budget: €25.102.000
- Proposals Submitted on **1st Cut-Off Date: 2662** (2602 Eligible)
- 88% Below Threshold !
- Requested budget exceeded the available budget by 87%
- No GR project proposal was granted funding
- **More than 300 eligible proposals for every available m€ !**
- **success rate: 6% (155 companies)**



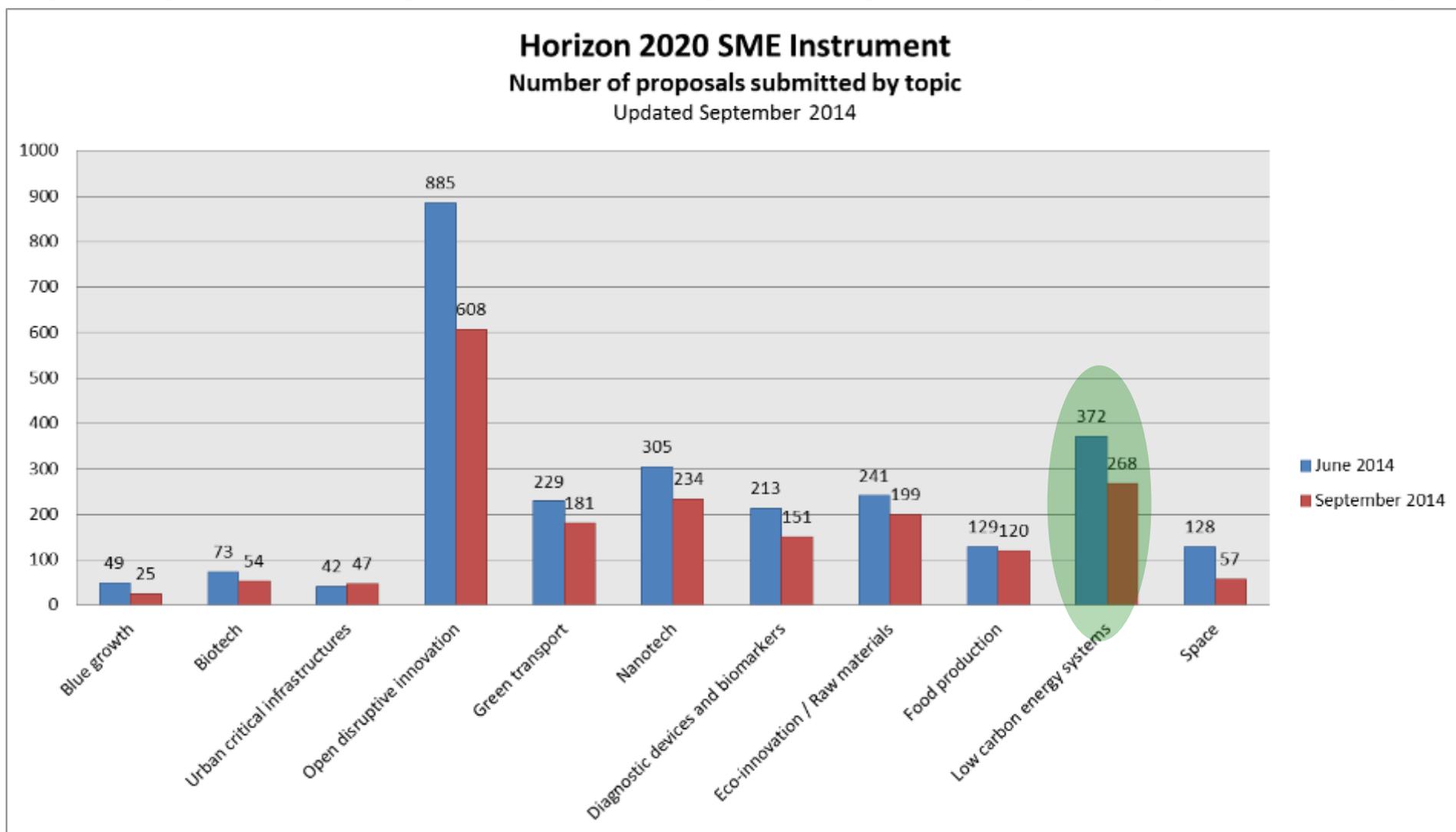
H2020 Calls – “Secure Clean & Efficient Energy”

Industrial Leadership - SMEINST 1 - 2014 Call:

- Deadlines 18/6/2014, 24/9/2014, 17/12/2014
- Total available Budget: €25.102.000
- Proposals Submitted on **2nd Cut-Off Date: 1944** (1919 Eligible)
- 88% Below Threshold !
- Requested budget exceeded the available budget by 40%
- **More than 220 eligible proposals for every available m€ !**
- Only 1 GR project proposal was granted funding (SME: Helbio, project acronym: PROMETHEUS-5)
- Highest "country success rates" : Ireland: 20%, Austria: 15%, UK: 11%, Israel: 10%, Spain: 9%

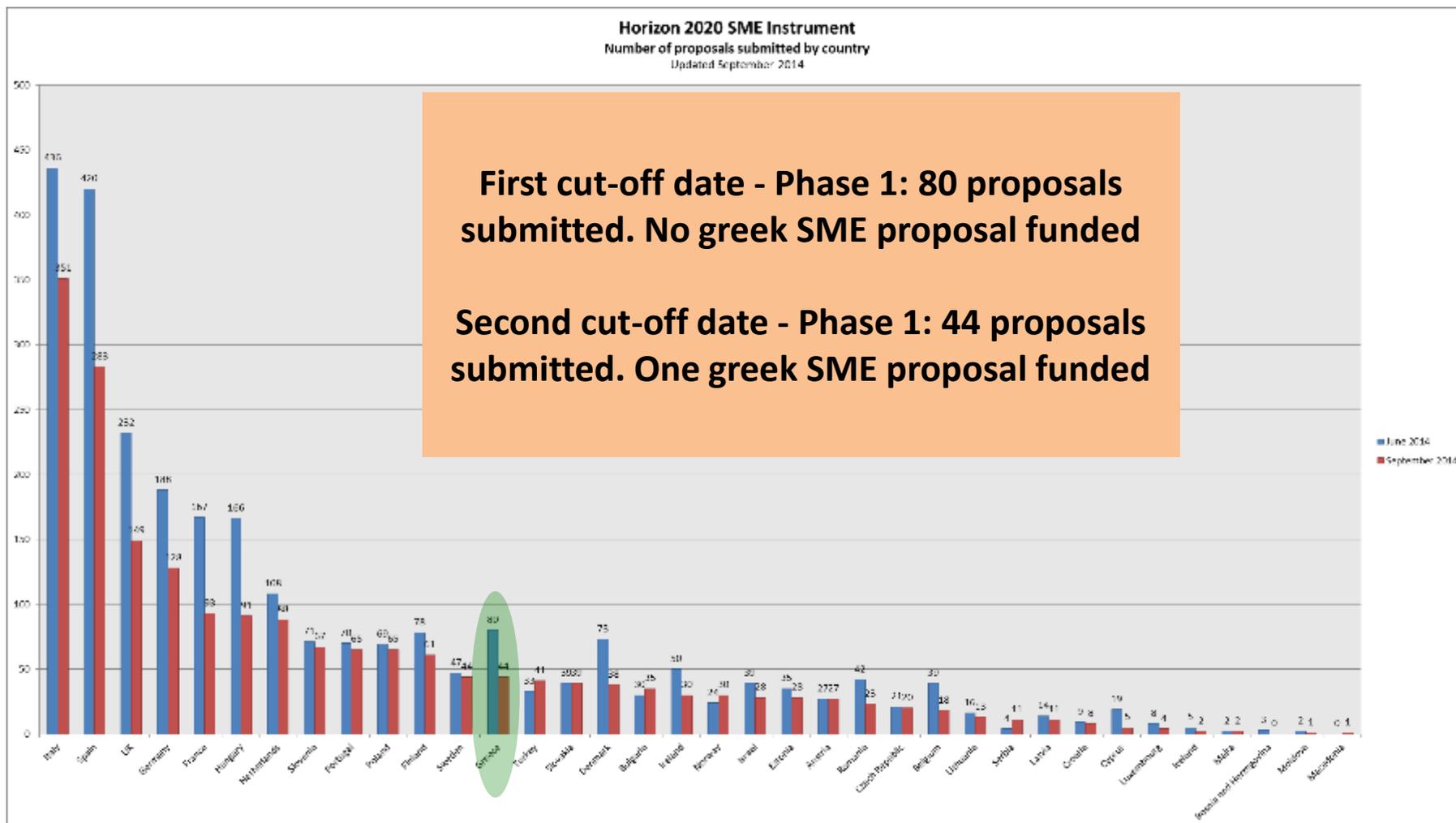


SMEs AND FAST TRACK TO INNOVATION FOR ENERGY





SMEs AND FAST TRACK TO INNOVATION FOR ENERGY



Phase 1: two cut-off dates (June, September 2014). Source: EASME Executive Agency for SMEs



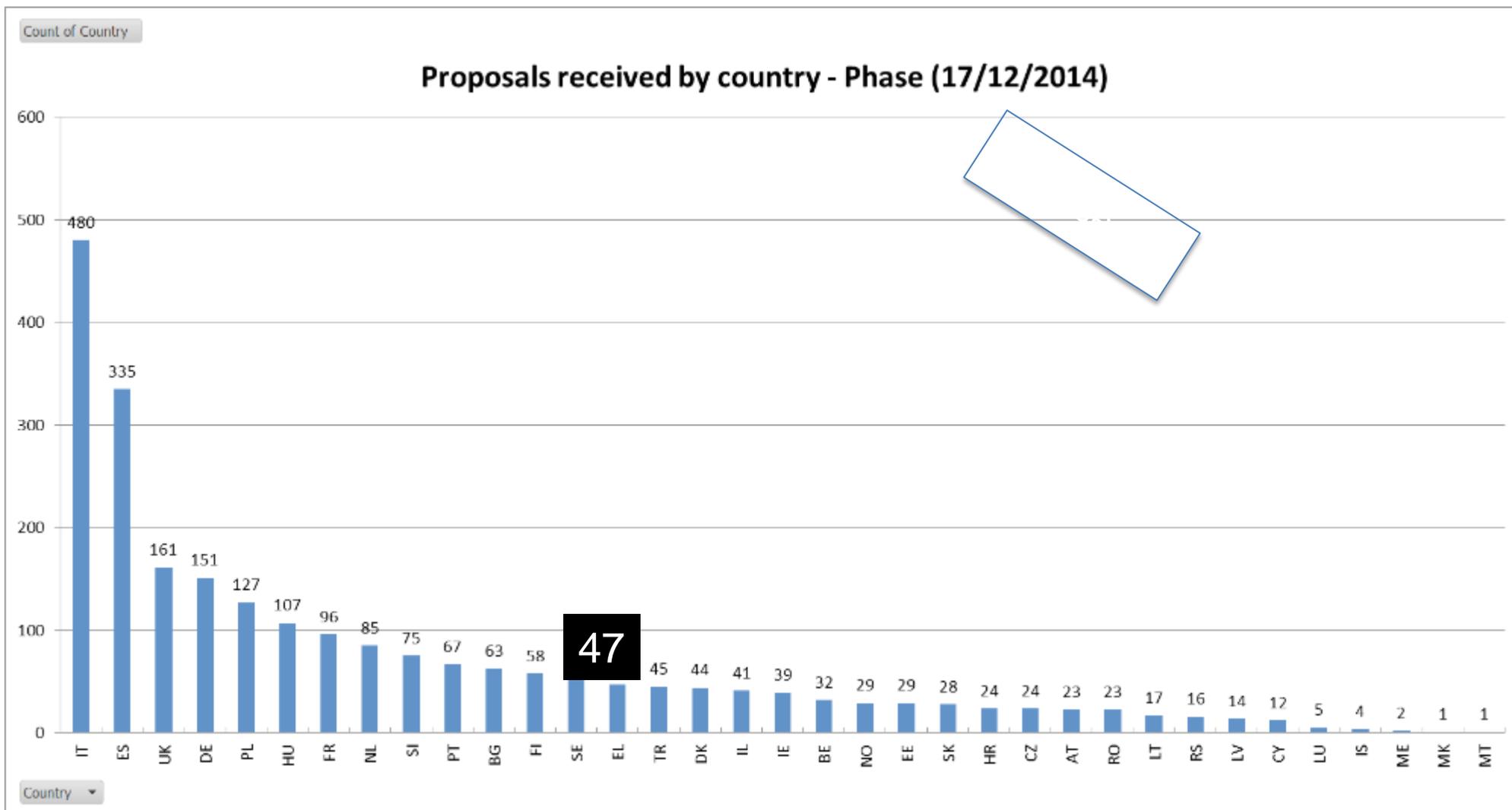
H2020 Calls – “Secure Clean & Efficient Energy”

Industrial Leadership - SMEINST 1 - 2014 Call:

- Deadlines 18/6/2014, 24/9/2014, 17/12/2014
- Total available Budget: €25.102.000
- Proposals Submitted on **3rd Cut-Off Date: 2363**
(17,7% more than September)
- **For Low Carbon Energy Systems : 298 from 2363**
- **Total proposals from Greece : 47 from 2363**



Industrial Leadership - SMEINST 1 - 2014 Call:





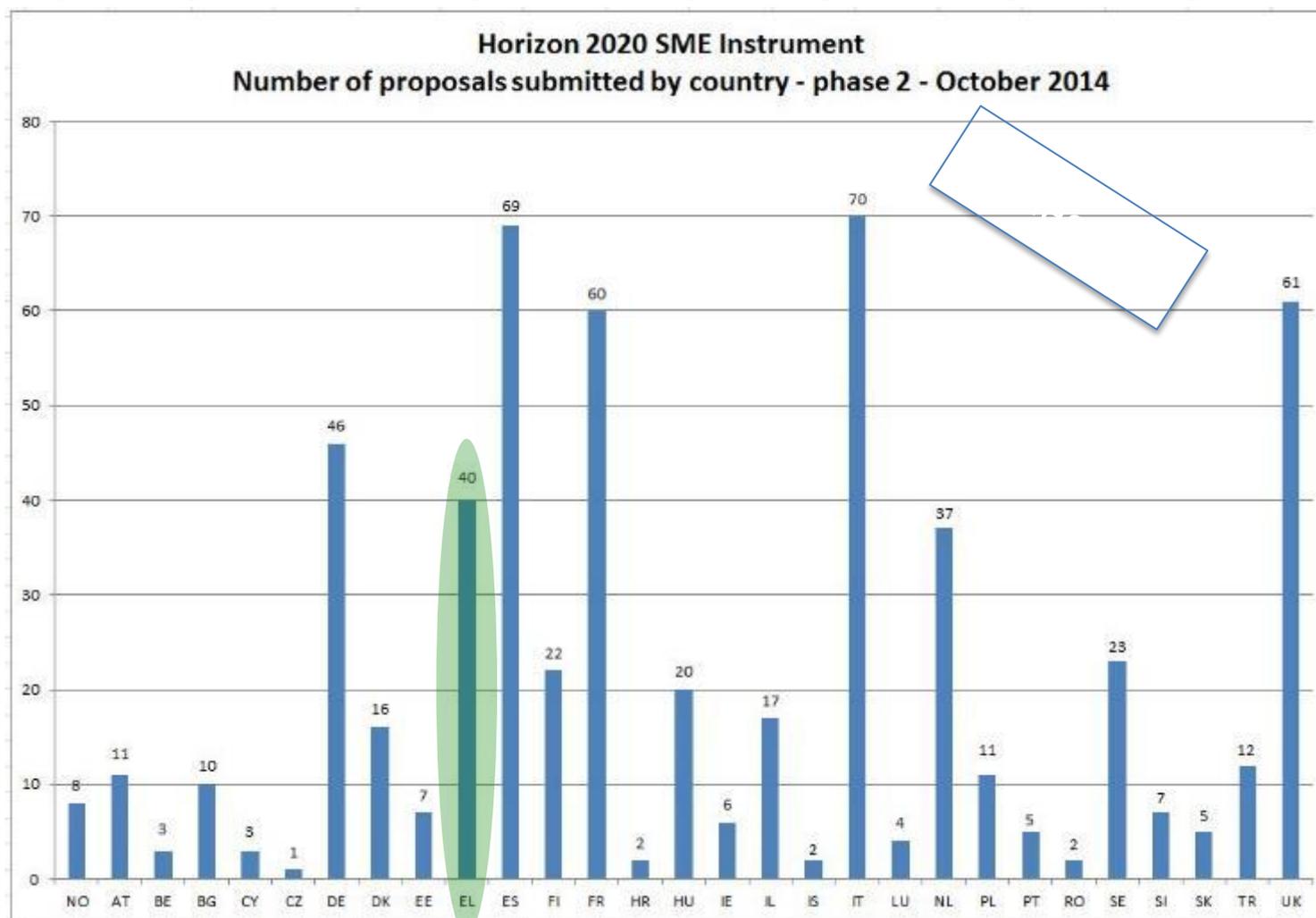
H2020 Calls – “Secure Clean & Efficient Energy”

Industrial Leadership - SMEINST 2 - 2014 Call:

- Deadlines 9/10/2014, 17/12/2014
- Total Available Budget: €220.897.600
- Proposals Submitted on **1st Cut-Off Date: 580**
- **For Low Carbon Energy Systems : 72 from 580**
- **Total proposals from Greece : 40 from 580**



SMEs AND FAST TRACK TO INNOVATION FOR ENERGY

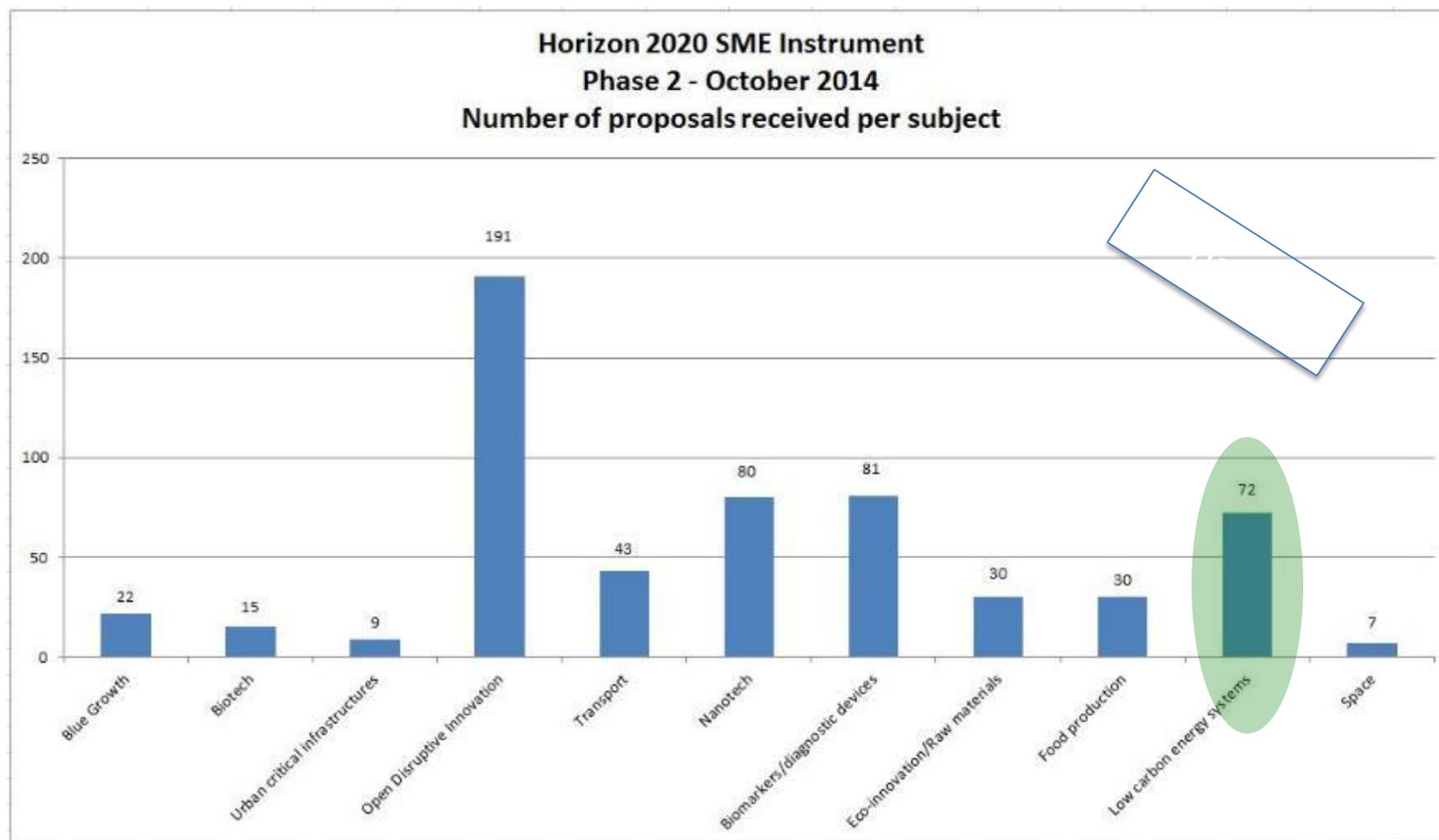


**First cut-off date -
Phase 2: 40
proposals
submitted. Results
in March-April 2015**

Phase 2: one cut-off date (October 2014). Source: EASME Executive Agency for SMEs



SMEs AND FAST TRACK TO INNOVATION FOR ENERGY



Phase 2: one cut-off date (October 2014). Source: EASME Executive Agency for SMEs



H2020 Calls – “Secure Clean & Efficient Energy”

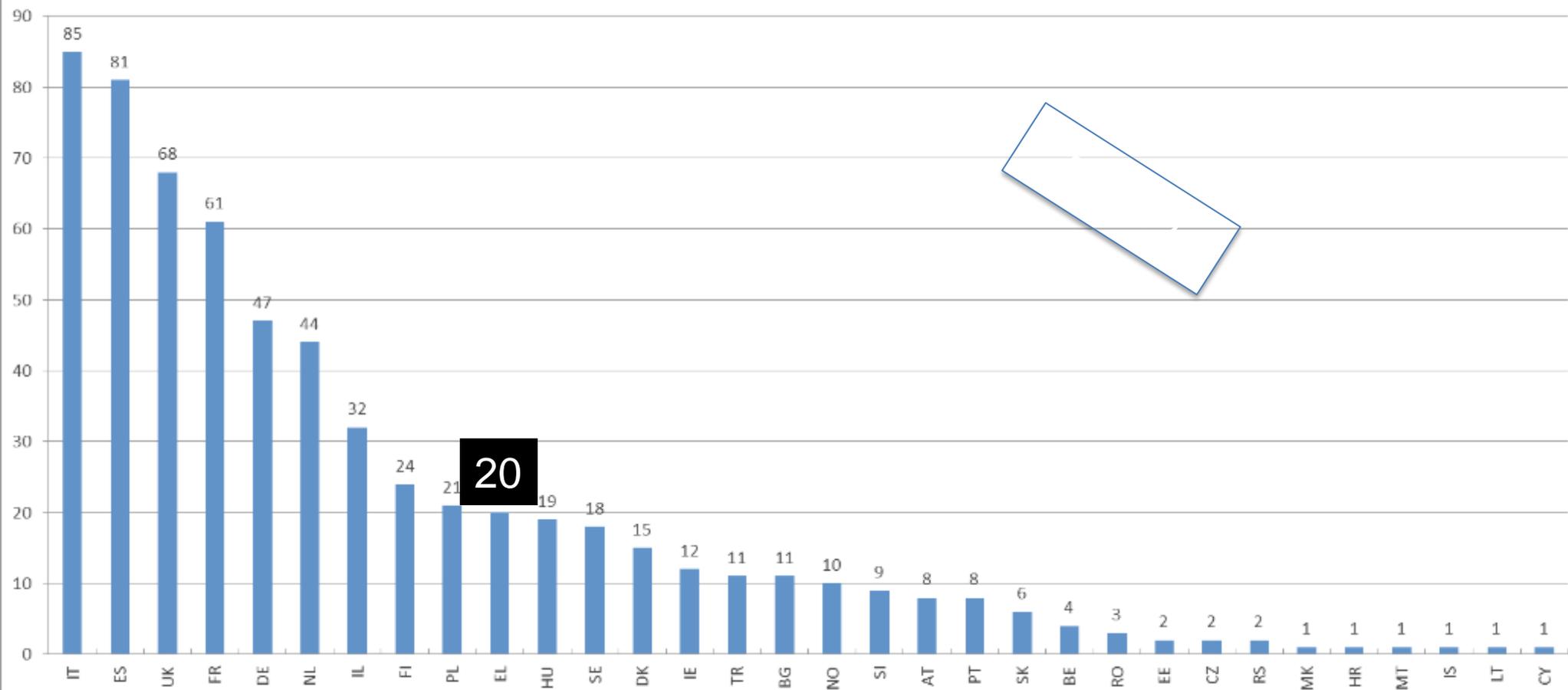
Industrial Leadership - SMEINST 2 - 2014 Call:

- *Deadlines 9/10/2014, 17/12/2014*
- *Total Available Budget: €220.897.600*
- *Proposals Submitted on 2nd Cut-Off Date: 629 (8,4% more than in October)*
- *For Low Carbon Energy Systems : 68 from 629*
- *Total proposals from Greece : 20 from 629*



Count of Country

Proposals received by country - Phase 2 (17/12/2014)



Country



H2020 Calls – “Secure Clean & Efficient Energy”

Sub- Call H2020-LCE-2014-1 (Stage 1 & stage 2 [outline])

Sub-Call H2020-LCE-2014-4

Call publication: 11 Dec. 2013

Deadline Stage 1: 01 April 2014

Remote evaluation: 14 April – 4 May 2014

Central evaluation in Brussels: 12 – 16 May 2014

Notification of applicants: 18 June 2014

Deadline Stage 2: 23 September 2014

Remote evaluation: 13 - 26 October 2014

Central evaluation in Brussels: 27 – 31 October 2014

Notification of applicants and EPC: February 2015



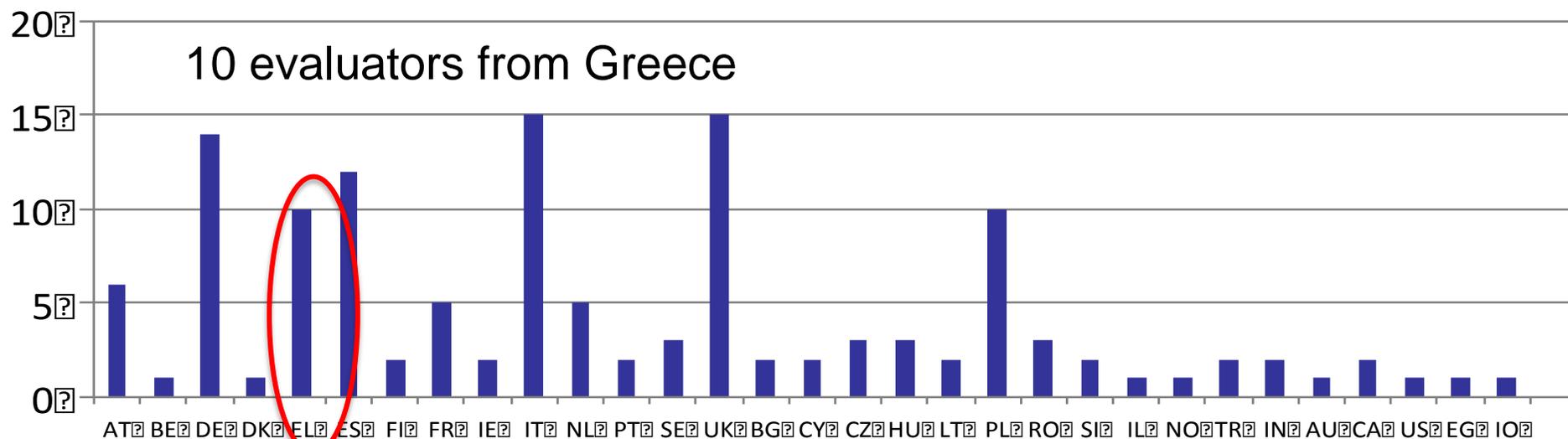
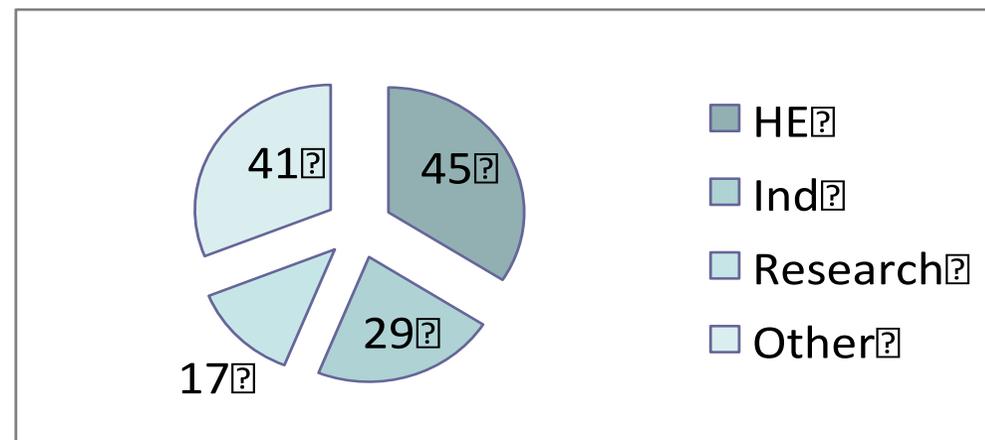
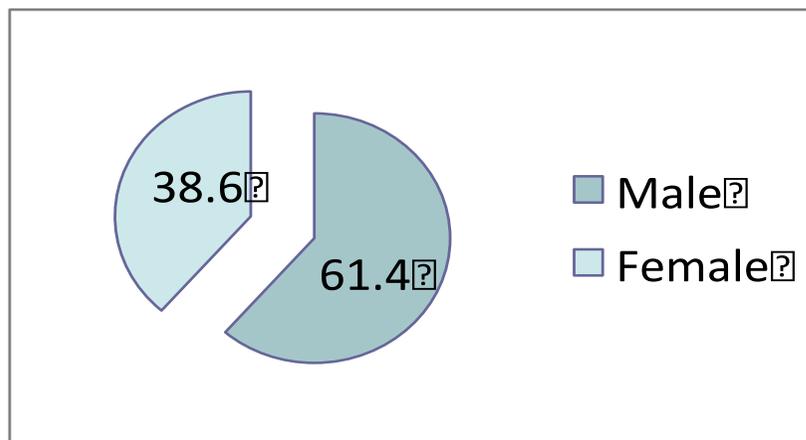
Calls – Topics and Budgets

	AREA	TRL*	Type of action	Budget
LCE 1	New knowledge and technologies	2 > 3-4	RIA	20M€
LCE 2	Developing the next generation technologies of renewable electricity and heating/cooling	3-4 > 4-5	RIA	60M€
LCE 11	Developing next generation technologies for biofuels and sustainable alternative fuels			
LCE 15	Enabling decarbonisation of the fossil fuel-based power sector and energy intensive industry through CCS	4-5 > 6	RIA	33M€
LCE 16	Understanding, preventing and mitigating the potential environmental impacts and risks of shale gas exploration and extraction			

Call H2020-LCE-2014-4 had only one topic for the NCP network



Evaluation – 132 Evaluators – Stage 1





Evaluation – Results Stage 1 - Proposals

Topic code	Topic title	Number of go-proposals	Number of no-go proposals	Total	Success Rate
LCE-01-2014	New knowledge and technologies	23	81	104	22%
LCE-02-2014	Developing the next generation technologies of renewable electricity and heating/cooling	47	129	176	26%
LCE-11-2014	Next generation technologies for energy storage	20	51	71	28%
LCE-15-2014	Enabling decarbonisation of the fossil fuel-based power sector and energy intensive industry through CCS	7	12	19	36%
LCE-16-2014	Understanding, preventing and mitigating the potential environmental impacts and risks of shale gas exploration and exploitation	7	16	23	30%
Ineligible				19	
Total		104	289	412	25%



Evaluation – Results Stage 1 – EC Requested Funding

Topic code	Topic title	Submitted (€)	Go Proposals (€)
LCE-01-2014	New knowledge and technologies	373,565,766	81,814,515
LCE-02-2014	Developing the next generation technologies of renewable electricity and heating/cooling	858,452,564	248,778,605
LCE-11-2014	Next generation technologies for energy storage	381,338,946	112,589,024
LCE-15-2014	Enabling decarbonisation of the fossil fuel-based power sector and energy intensive industry through CCS	160,547,045	73,768,992
LCE-16-2014	Understanding, preventing and mitigating the potential environmental impacts and risks of shale gas exploration and exploitation	65,496,991	20,860,375
Total		1,839,401,312	537,811,511



Evaluation – Stage 2 - Submission

Topic code	Topic title	Number of proposals	EC Requested funding (€)
LCE-01-2014	New knowledge and technologies	22	78,829,524
LCE-02-2014	Developing the next generation technologies of renewable electricity and heating/cooling	45	244,258,351
LCE-11-2014	Next generation technologies for energy storage	20	109,829,322
LCE-15-2014	Enabling decarbonisation of the fossil fuel-based power sector and energy intensive industry through CCS	7	74,529,760
LCE-16-2014	Understanding, preventing and mitigating the potential environmental impacts and risks of shale gas exploration and exploitation	7	23,731,874
Total		101	531,178,831



H2020 Calls – “Secure Clean & Efficient Energy”

Call H2020-LCE-2014-2

Call publication: 11 Dec. 2013

Deadline: 10 September 2014

Remote evaluation: 6 – 19 October

Central evaluation in Brussels: 20 – 24 October

Notification of applicants and EPC: February 2015



Call – Topics and Budgets

	AREA	TRL*	Type of action	Budget
LCE 3	Demonstration of renewable electricity and heating/cooling	5-6 > 6-7	IA	73M€
LCE 12	Demonstrating advanced biofuel technologies			
LCE 19	Supporting coordination of national R&D activities	2 > 5	CSA	3M€
LCE 20	The human factor in the energy system		RIA/CSA	10,5M€



Evaluation – Submission

Topic code	Topic title	Number of proposals evaluated	EC Requested funding (€)
LCE-03-2014	Demonstration of renewable electricity and heating/cooling	28	313,379,758
LCE-12-2014	Demonstrating advanced biofuel technologies	4	52,869,831
LCE-19-2014	Supporting coordination of national R&D activities	2	1,217,451
LCE-20-2014	The human factor in the energy system	50	157,307,438
Total		84	524,774,478



H2020 Calls – “Secure Clean & Efficient Energy”

Sub- Call H2020-LCE-2014-3 (Topics LCE 18, 04 &14)

Call publication: 11 Dec. 2013

Deadline Stage 1: 07 May 2014

Remote evaluation: 19 – 30 May 2014

Central evaluation in Brussels: 02 – 06 June 2014

Notification of EPC: 3 October 2014

Notification applicants: 6 October 2014



Call – Topics and Budgets

	AREA	TRL*	Type of action	Budget
LCE 4	Market uptake of existing and emerging renewable electricity, heating and cooling technologies	7-9	CSA	20M€
LCE 14	Market uptake of existing and emerging sustainable bioenergy			
LCE 18	Supporting Joint Actions on demonstration and validation of innovative energy solutions	5-6 > 6-7	ERANET	34,25M€



Evaluation – Results - Proposals

Topic code	Topic title	Submitted	Evaluated	Above Threshold	Main list
LCE-04-2014	Market uptake of existing and emerging renewable electricity, heating and cooling technologies	21	20	6	6
LCE-14-2014	Market uptake of existing and emerging sustainable bioenergy	18	18	6	6
LCE-18-2014	Supporting Joint Actions on demonstration and validation of innovative energy solutions	3	3	3	3
Total		42	41	15	15



Evaluation – Results - Budget

Topic code	Topic title	Submitted	Evaluated	Above Threshold (Recommended EC grant)	Main list
LCE-04-2014	Market uptake of existing and emerging renewable electricity, heating and cooling technologies	31,715,629	31,531,066	10,561,879	10,561,879
LCE-14-2014	Market uptake of existing and emerging sustainable bioenergy	29,651,372	29,651,372	9,627,489	9,627,489
LCE-18-2014	Supporting Joint Actions on demonstration and validation of innovative energy solutions	36,840,840	36,840,840	33,096,908	33,096,908
Total		98,022,890	98,022,890	53,286,276	53,286,276



Evaluation – LCE04 & LCE14 Participants geographical distribution

Country Group	Country	Total		
		Participation	Participation in Retained Proposals	%
EC Member States	Austria	13	10	76,9%
EC Member States	Belgium	12	9	75,0%
EC Member States	Bulgaria	3	2	66,7%
EC Member States	Croatia	8	5	62,5%
EC Member States	Cyprus	2	1	50,0%
EC Member States	Czech Republic	3	1	33,3%
EC Member States	Denmark	3	3	100,0%
EC Member States	Estonia	2	1	50,0%
EC Member States	Finland	11	4	36,4%
EC Member States	France	9	3	33,3%
EC Member States	Germany	25	13	52,0%
EC Member States	Greece	6	3	50,0%
EC Member States	Hungary	2	1	50,0%
EC Member States	Ireland	3	2	66,7%
EC Member States	Italy	16	6	37,5%
EC Member States	Latvia	4	1	25,0%
EC Member States	Netherlands	11	5	45,5%
EC Member States	Poland	3	2	66,7%
EC Member States	Portugal	7	4	57,1%
EC Member States	Romania	6	5	83,3%
EC Member States	Slovakia	2	1	50,0%
EC Member States	Slovenia	5	2	40,0%
EC Member States	Spain	15	8	53,3%
EC Member States	Sweden	7	5	71,4%
EC Member States	United Kingdom	10	4	40,0%
EC Member States	TOTAL	188	101	53,7%



H2020 Calls – “Secure Clean & Efficient Energy”

Sub- Call H2020-LCE-2014-3 (Topics LCE 07, 08 and 10)

<i>Call opening</i>	<i>11/12/2013</i>
<i>Deadline</i>	<i>07/05/2014</i>
<i>Evaluation remote</i>	<i>12 to 31/05/2014</i>
<i>Evaluation in Brussels</i>	<i>02 to 06/06/2014</i>
<i>Information to applicants</i>	<i>06/10/2014</i>
<i>(5 months after deadline for submission; according to H2020 rules)</i>	



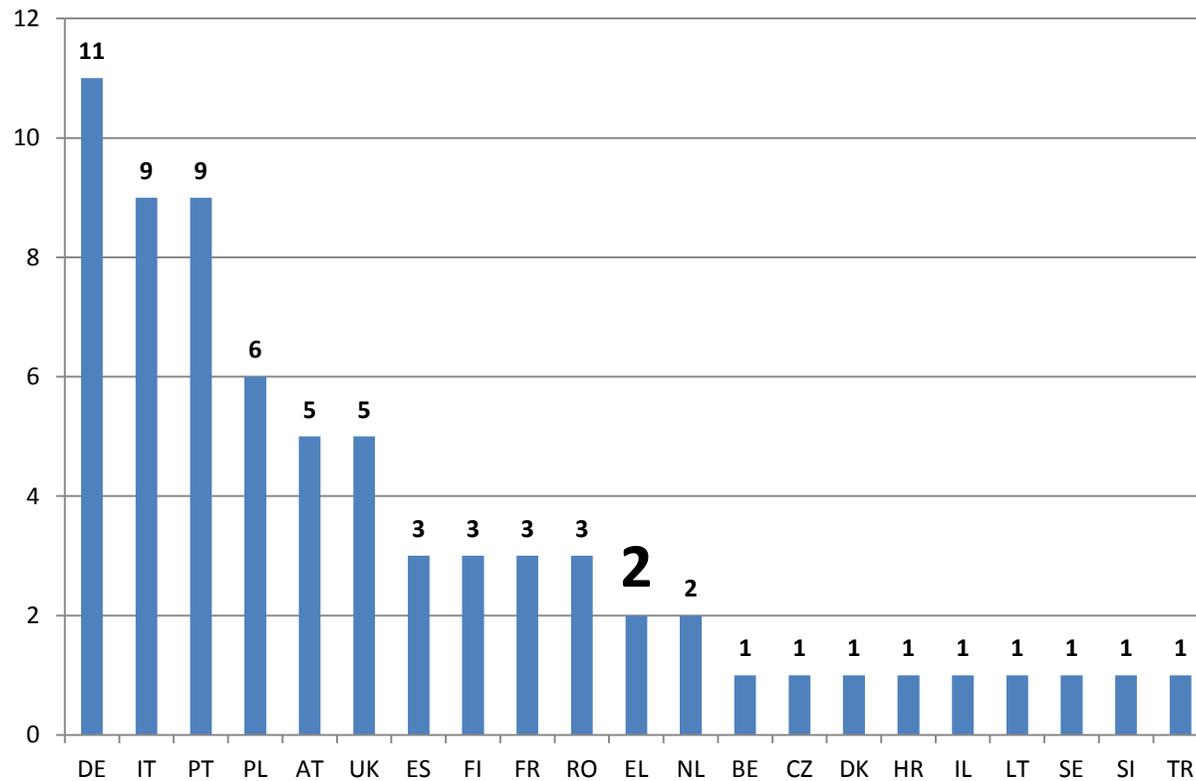
Call – Topics and Budgets

- **LCE-07-2014: Distribution grid and retail market**
- **LCE-08-2014: Local / small-scale storage**
- **LCE-10-2014: Next generation technologies for energy storage**



Evaluation – Evaluators

Distribution of independant evaluators per country of origin





Evaluation Results: Grid - retained

Activity Code	Proposal Acronym	Grant Requested
LCE-07-2014	NOBEL GRID	11,743,748 €
LCE-07-2014	P2P-SmarTest	3,496,143 €
LCE-07-2014	ENERGISE	998,000 €
LCE-07-2014	EMPOWER	4,435,927 €
LCE-07-2014	SmarterEMC2	3,072,656 €
LCE-07-2014	FLEXMETER	3,197,792 €
LCE-07-2014	E-SEDRA	13,946,743 €
LCE-07-2014	UPGRID	11,999,997 €
LCE-07-2014	AnyPLACE	2,534,390 €
LCE-07-2014	Flex4Grid	2,680,255 €



Evaluation Results: Storage - Retained

Activity Code	Proposal Acronym	Grant Requested
LCE-08-2014	NETFFICIENT	8,993,602 €
LCE-08-2014	TILOS	11,020,088 €
LCE-08-2014	SENSIBLE	11,850,275 €
LCE-10-2014	NAIADES	6,492,264 €



Evaluation – Grid

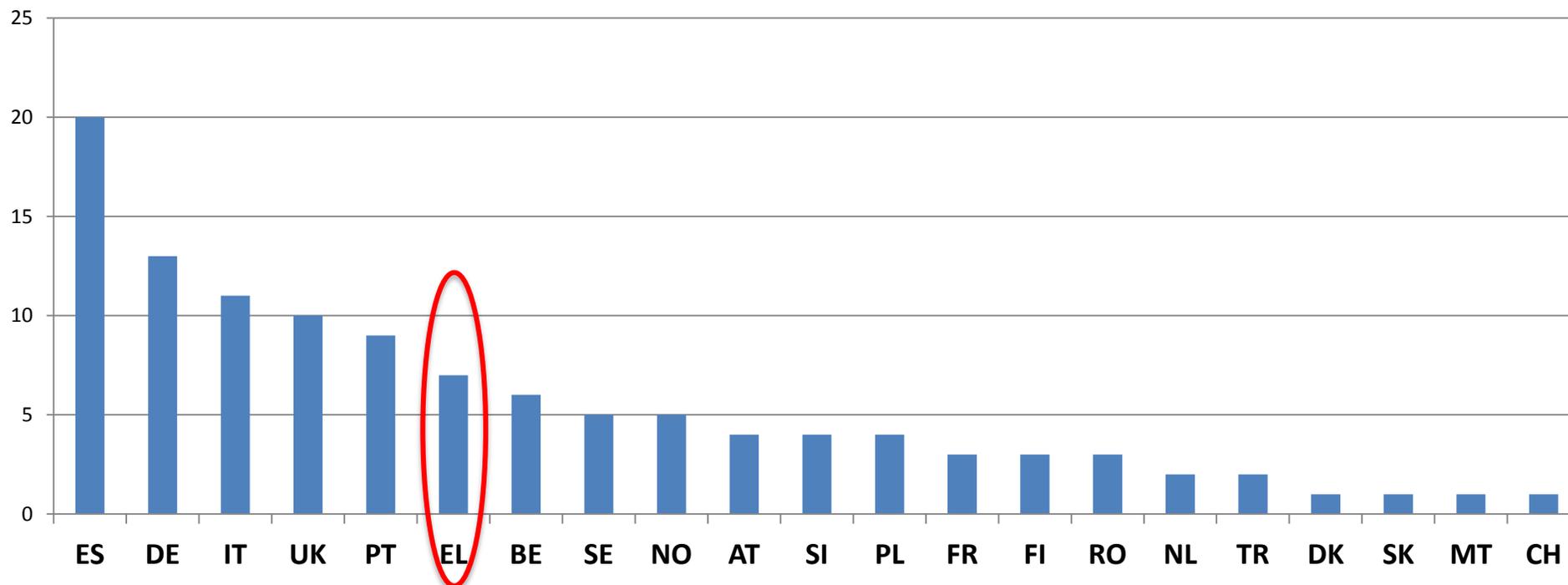
Participants in retained proposals

Evaluation Panel	Country	Number of entities involved in proposals	%	Participant Requested Grant	%
Grid	ES	20	17.39%	10,796,200	18.58%
	DE	13	11.30%	5,283,467	9.09%
	IT	11	9.57%	7,252,157	12.48%
	UK	10	8.70%	5,222,722	8.99%
	PT	9	7.83%	4,608,174	7.93%
	EL	7	6.09%	3,142,838	5.41%
	BE	6	5.22%	2,006,403	3.45%
	SE	5	4.35%	4,230,406	7.28%
	NO	5	4.35%	3,903,412	6.72%
	AT	4	3.48%	2,460,621	4.23%
	SI	4	3.48%	1,481,606	2.55%
	PL	4	3.48%	1,464,625	2.52%
	FR	3	2.61%	1,979,383	3.41%
	FI	3	2.61%	1,685,840	2.90%
	RO	3	2.61%	1,007,219	1.73%
	NL	2	1.74%	720,367	1.24%
	TR	2	1.74%	357,156	0.61%
	DK	1	0.87%	184,567	0.32%
	SK	1	0.87%	169,488	0.29%
	MT	1	0.87%	149,000	0.26%
CH	1	0.87%	0	0.00%	
	Sum:	115	100.00%	58,105,651	100.00%



Evaluation – Participants Grid

Country participations in retained proposals (entities involved in proposals)





Evaluation – Storage

Participants in retained proposals

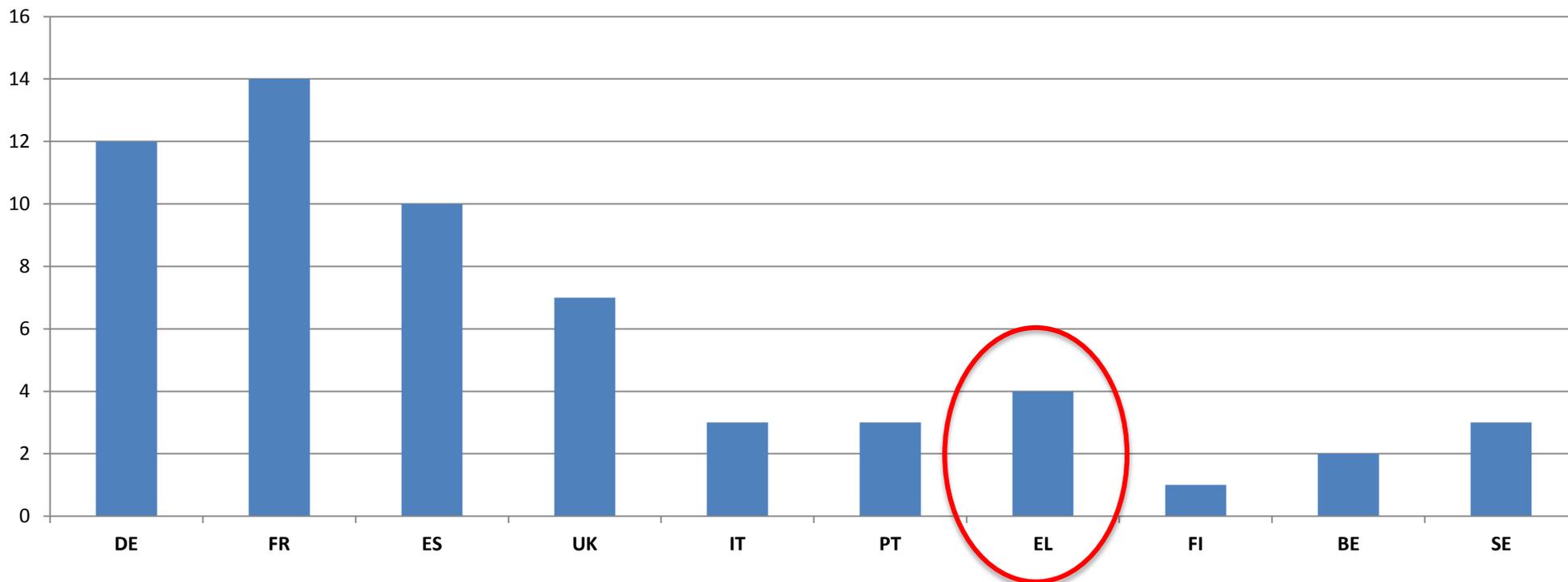
Evaluation Panel	Country	Number of entities involved in proposals	%	Participant Requested Grant	%
Storage	DE	12	20.34%	9,146,303	23.85%
Storage	FR	14	23.73%	6,585,137	17.17%
Storage	ES	10	16.95%	5,927,575	15.45%
Storage	UK	7	11.86%	5,029,656	13.11%
Storage	IT	3	5.08%	3,192,921	8.32%
Storage	PT	3	5.08%	2,961,091	7.72%
Storage	EL	4	6.78%	2,355,813	6.14%
Storage	FI	1	1.69%	1,134,956	2.96%
Storage	BE	2	3.39%	1,012,923	2.64%
Storage	SE	3	5.08%	1,009,854	2.63%
	Sum:	59	100.00%	38,356,229	100.00%



Evaluation – Storage

Participants in retained proposals

**Country participations in retained proposals
(entities involved in proposals)**





H2020 Calls – “Secure Clean & Efficient Energy”

Topics EE01, EE03 & EE18

Call publication: 11 Dec. 2013

Deadline: 20 March 2014

Briefing of experts: 7-8 April

Remote evaluation: 8 – 25 April

Central evaluation in Brussels: 28 April – 2 May

Notification of applicants: 20 August

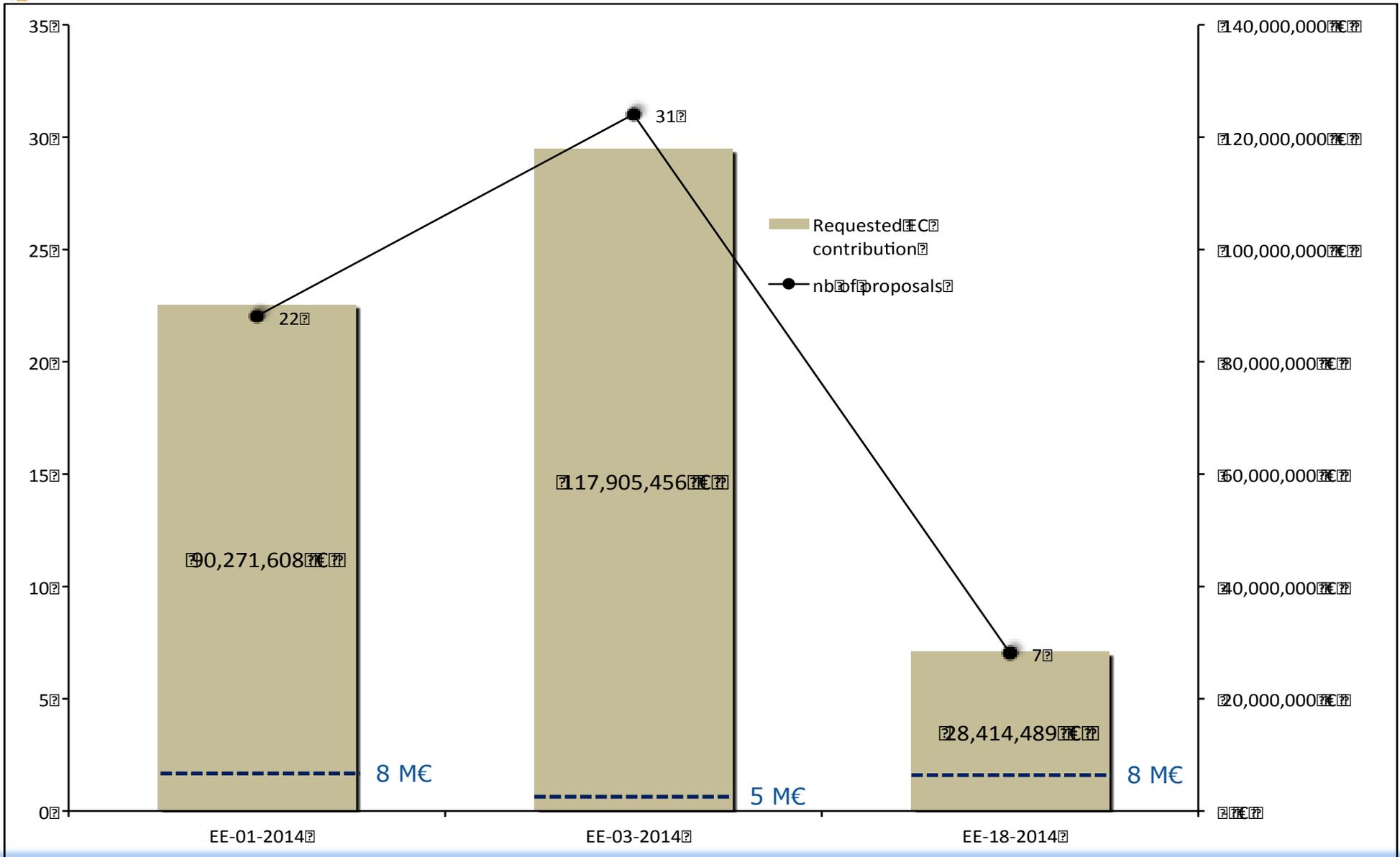


Call – Topics and Budgets

Topic	Topic name	Type of Action	Indicative Budget
EE01	Manufacturing of prefabricated modules for renovation of buildings (Under EeB cPPP)	Innovation Actions	EUR 8 million
EE03	Energy Strategies and solutions for deep renovation of historic buildings (Under EeB cPPP)	Research and Innovation Actions	EUR 5 million (from SC5)
EE18	New technologies for utilisation of heat recovery in large industrial systems (Under SPIRE cPPP)	Research and Innovation Actions	EUR 8 million



No. of eligible proposals and requested EU budget





Evaluation – Evaluators

Each proposal was evaluated by at least 5 experts

Topic	N° of experts	% of female evaluators	% of private profile	H2020 Newcomer ratio	Share of newcomers based on Intelligent Energy Europe (2007-2013)
EE01	10	40%	70%	97%	70%
EE03	15	27%	67%		73%
EE18	5	40%	60%		80%
Total	30	33%	67%		73%

From 15 countries:

Country	BE	BG	CZ	DE	DK	EL	ES	FR	IE	IT	LT	PL	PT	RO	UK
%	3%	3%	7%	7%	3%	3%	17%	3%	7%	17%	3%	7%	3%	7%	10%

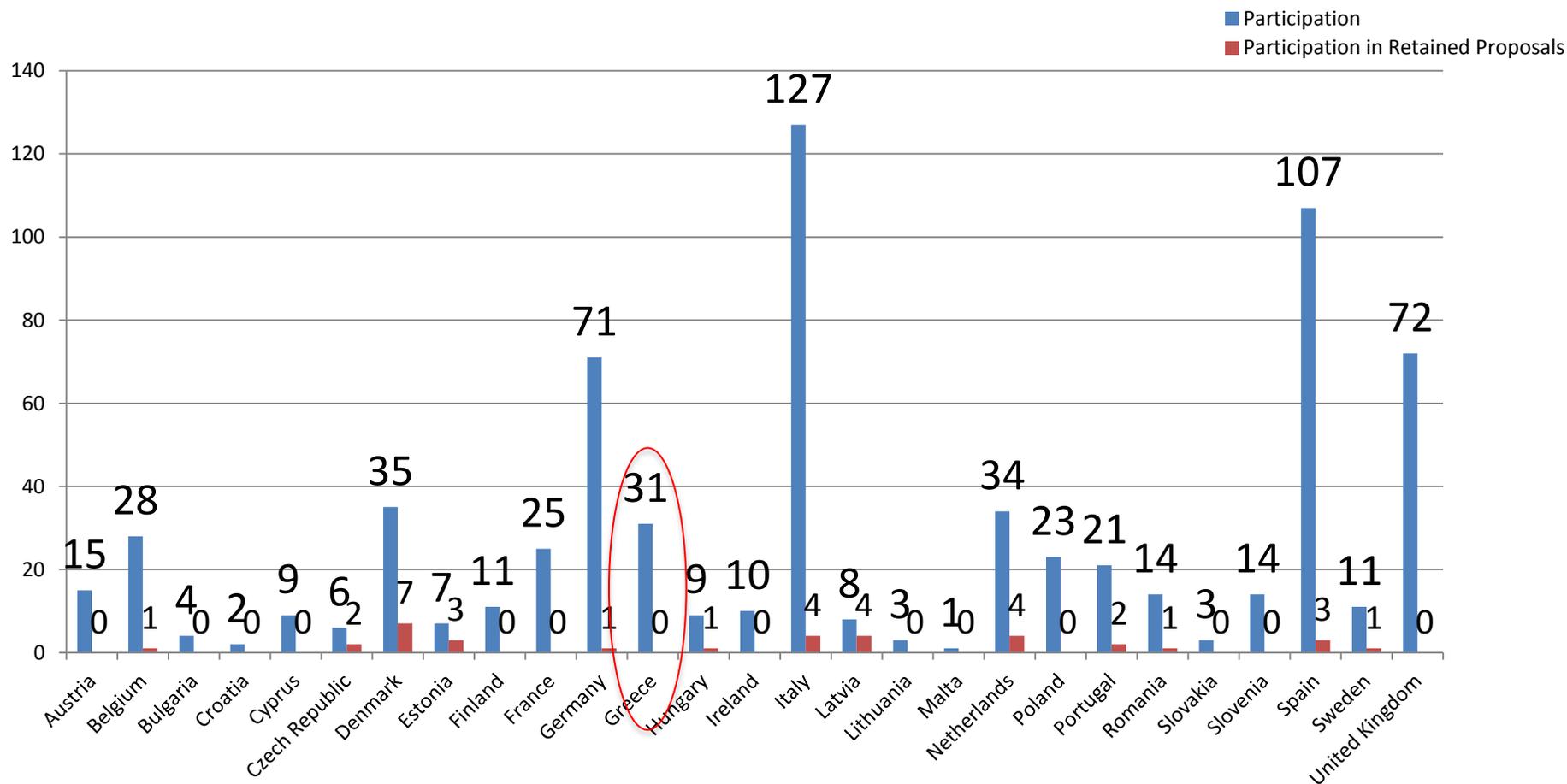


Evaluation – Participants geographical distribution

Country Group	Country	Total		
		Participation	Participation in Retained Proposals	%
Associated Countries	Norway	10	0	0,0%
Associated Countries	TOTAL	10	0	0,0%
EC Member States	Austria	15	0	0,0%
EC Member States	Belgium	28	1	3,6%
EC Member States	Bulgaria	4	0	0,0%
EC Member States	Croatia	2	0	0,0%
EC Member States	Cyprus	9	0	0,0%
EC Member States	Czech Republic	6	2	33,3%
EC Member States	Denmark	35	7	20,0%
EC Member States	Estonia	7	3	42,9%
EC Member States	Finland	11	0	0,0%
EC Member States	France	25	0	0,0%
EC Member States	Germany	71	1	1,4%
EC Member States	Greece	31	0	0,0%
EC Member States	Hungary	9	1	11,1%
EC Member States	Ireland	10	0	0,0%
EC Member States	Italy	127	4	3,1%
EC Member States	Latvia	8	4	50,0%
EC Member States	Lithuania	3	0	0,0%
EC Member States	Malta	1	0	0,0%
EC Member States	Netherlands	34	4	11,8%
EC Member States	Poland	23	0	0,0%
EC Member States	Portugal	21	2	9,5%
EC Member States	Romania	14	1	7,1%
EC Member States	Slovakia	3	0	0,0%
EC Member States	Slovenia	14	0	0,0%
EC Member States	Spain	107	3	2,8%
EC Member States	Sweden	11	1	9,1%
EC Member States	United Kingdom	72	0	0,0%
EC Member States	TOTAL	701	34	4,9%



Evaluation – Participants Geographical distribution





Evaluation – Results

	Eligible proposals	Above thresholds	Below thresholds	Main List*	Success rate
EE01 Manufacturing of prefabricated modules for renovation of building	22	10	12	1	4,5%
EE03 Energy strategies and solutions for deep renovation of historic buildings	31	7	24	1	3,2%
EE18 New technologies for utilization of heat recovery in large industrial systems	7	1	6	1	14,3%
Total	60	18	42	3	5,0%

* Number of projects that fully fit within the indicative budget of each Topic



Evaluation – Selected projects (main list)

- MORE CONNECT (EE01): development and demonstration of **new prefabricated elements** increasing the quality and speed of building renovation. Use of sustainable materials and integration of HVAC controls. Demonstration in real environment.
- RIBuild (EE03): development of new tools to facilitate and optimise the design and implementation of **internal insulation in historic buildings**. Very high replication potential. Specificities of historic buildings well addressed.
- TASIO (EE18): development of **waste heat recovery systems** based on organic ranking cycle. Targets energy-intensive industries such as cement, steel, glass and petrochemistry. Strong involvement of industry players.



H2020 Calls – “Secure Clean & Efficient Energy”

Evaluation results of call for proposals:

H2020-EE-2014-2-RIA
H2020-EE-2014-3-MarketUptake
H2020-EE-2014-4-PDA

- *Call publication: 11 Dec. 2013*
- *Deadline: 5 June 2014*
- *General briefing of experts: 4 July*
- *Topic briefings for experts: 3-10 July*
- *Remote evaluation: 30 June – 20 Aug.*
- *Central evaluation in Brussels: 8 – 19 Sept.*
- *Notification of applicants: 5 November*



Call – Topics and WP indicative budgets

Ranking list	Topic	Topic name	Type of Action	Budget (€)
1	EE11	New ICT-based solutions for energy efficiency	RIA	8.5 million
2	EE12	Socioeconomic research on energy efficiency	RIA	8.5 million
	EE13	Technology for district heating and cooling	RIA	
3	EE04	Construction skills	CSA	34.5 million
	EE05	Increasing energy performance of existing buildings through process and organisation innovations and creating a market for deep renovation	CSA	
	EE07	Enhancing the capacity of public authorities to plan and implement sustainable energy policies and measures	CSA	
	EE08	Public procurement of innovative sustainable energy solutions	CSA	
	EE09	Empowering stakeholders to assist public authorities in the definition and implementation of sustainable energy policies and measures	CSA	
	EE10	Consumer engagement for sustainable energy	CSA	
	EE14	Removing market barriers to the uptake of efficient heating and cooling solutions	CSA	
	EE15	Ensuring effective implementation of EU product efficiency legislation	CSA	
EE16	Organisational innovation to increase energy efficiency in industry	CSA		



Call – Topics and WP indicative budgets (cont.)

Ranking list	Topic	Topic name	Type of Action	Budget (€)
4	EE 19	Improving the financeability and attractiveness of sustainable energy investments	CSA	25 million
	EE 20	Project development assistance for innovative bankable and aggregated sustainable energy investment schemes and projects	CSA	
	EE 21	Development and market roll-out of innovative energy services and financial schemes for sustainable energy	CSA	

Total indicative budget = 76.5 million



Evaluation – Experts

- Each proposal was evaluated by at least 3 experts
- Rapporteurs helped draft the Evaluation Summary Reports
- Good gender balance (41% females)
- Good geographical coverage (24 countries)

Experts by Country

AT	BG	CY	DE	DK	EE	EL	ES	FI	FR	HR	HU	IE	IT	LT	MT	NL	PL	PT	RO	SE	SI	UK	NO	TOTAL
8	2	2	13	7	1	7	16	4	11	1	5	10	15	2	1	4	13	4	6	2	3	19	1	157
5%	1%	1%	8%	4%	1%	4%	10%	3%	7%	1%	3%	6%	10%	1%	1%	3%	8%	3%	4%	1%	2%	12%	1%	100%

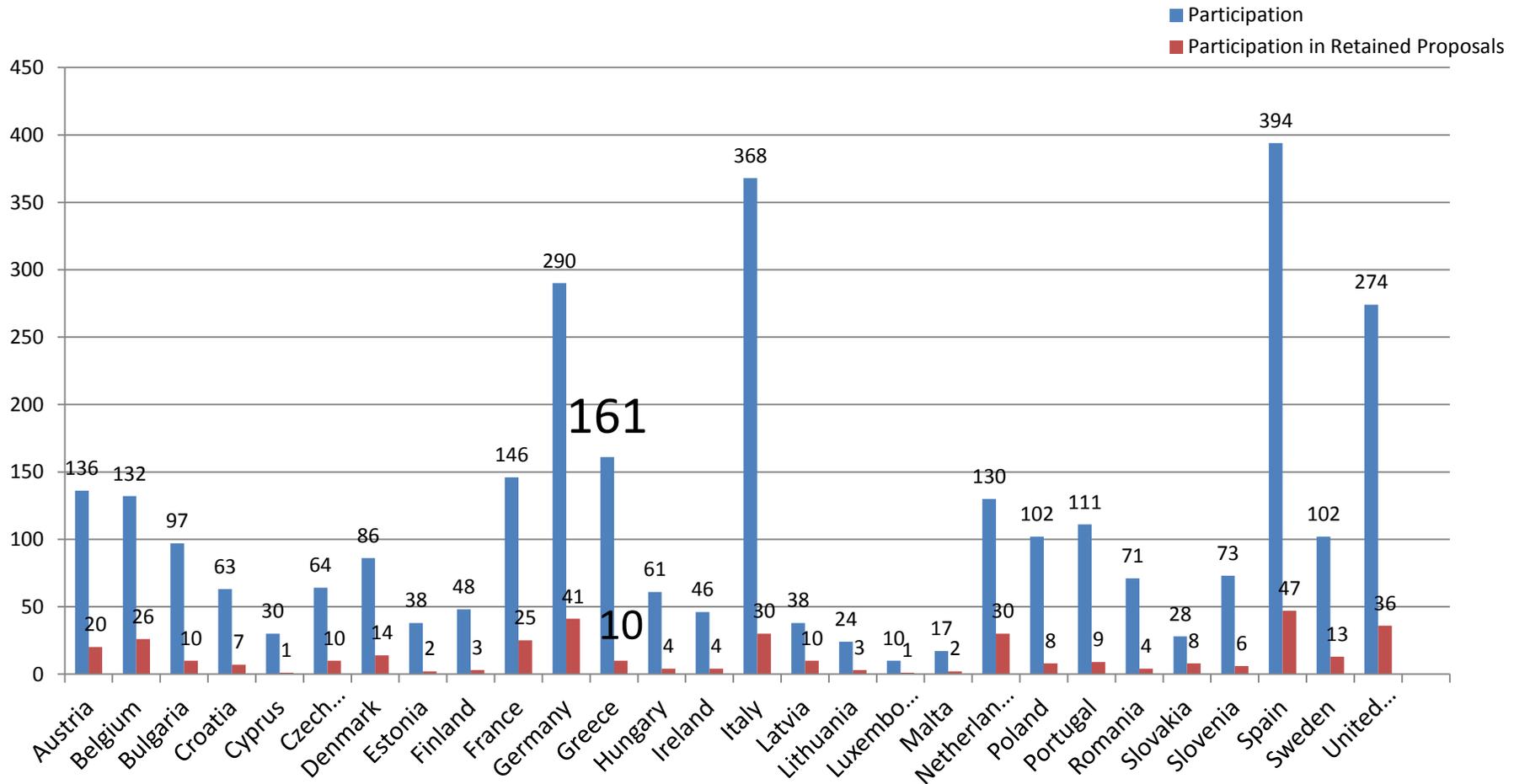


Evaluation – Participants geographical distribution

Country Group	Country	Total		
		Participation	Participation in Retained Proposals	%
EC Member States	Austria	136	20	15%
EC Member States	Belgium	132	26	20%
EC Member States	Bulgaria	97	10	10%
EC Member States	Croatia	63	7	11%
EC Member States	Cyprus	30	1	3%
EC Member States	Czech Republic	64	10	16%
EC Member States	Denmark	86	14	16%
EC Member States	Estonia	38	2	5%
EC Member States	Finland	48	3	6%
EC Member States	France	146	25	17%
EC Member States	Germany	290	41	14%
EC Member States	Greece	161	10	6%
EC Member States	Hungary	61	4	7%
EC Member States	Ireland	46	4	9%
EC Member States	Italy	368	30	8%
EC Member States	Latvia	38	10	26%
EC Member States	Lithuania	24	3	13%
EC Member States	Luxembourg	10	1	10%
EC Member States	Malta	17	2	12%
EC Member States	Netherlands	130	30	23%
EC Member States	Poland	102	8	8%
EC Member States	Portugal	111	9	8%
EC Member States	Romania	71	4	6%
EC Member States	Slovakia	28	8	29%
EC Member States	Slovenia	73	6	8%
EC Member States	Spain	394	47	12%
EC Member States	Sweden	102	13	13%
EC Member States	United Kingdom	274	36	13%
EC Member States	TOTAL	3140	384	12%



Evaluation – Participants geographical distribution





H2020 Calls – “Secure Clean & Efficient Energy”

Societal Challenges - SMART CITIES AND COMMUNITIES H2020-SCC-2014

Deadline 7/5/2014

- Total available Budget: €92.320.00
- Proposals Submitted 34 (32 eligible)
- 78% Below Threshold
- Requested budget exceed the available budget by 53%

Date of call opening 11/12/2013

Deadline 07/05/2014

Evaluation remote 12 to 31/05/2014

Evaluation in Brussels 02 to 06/06/2014

Information to applicants 06/10/2014

(5 months after deadline for submission; according to H2020 rules)



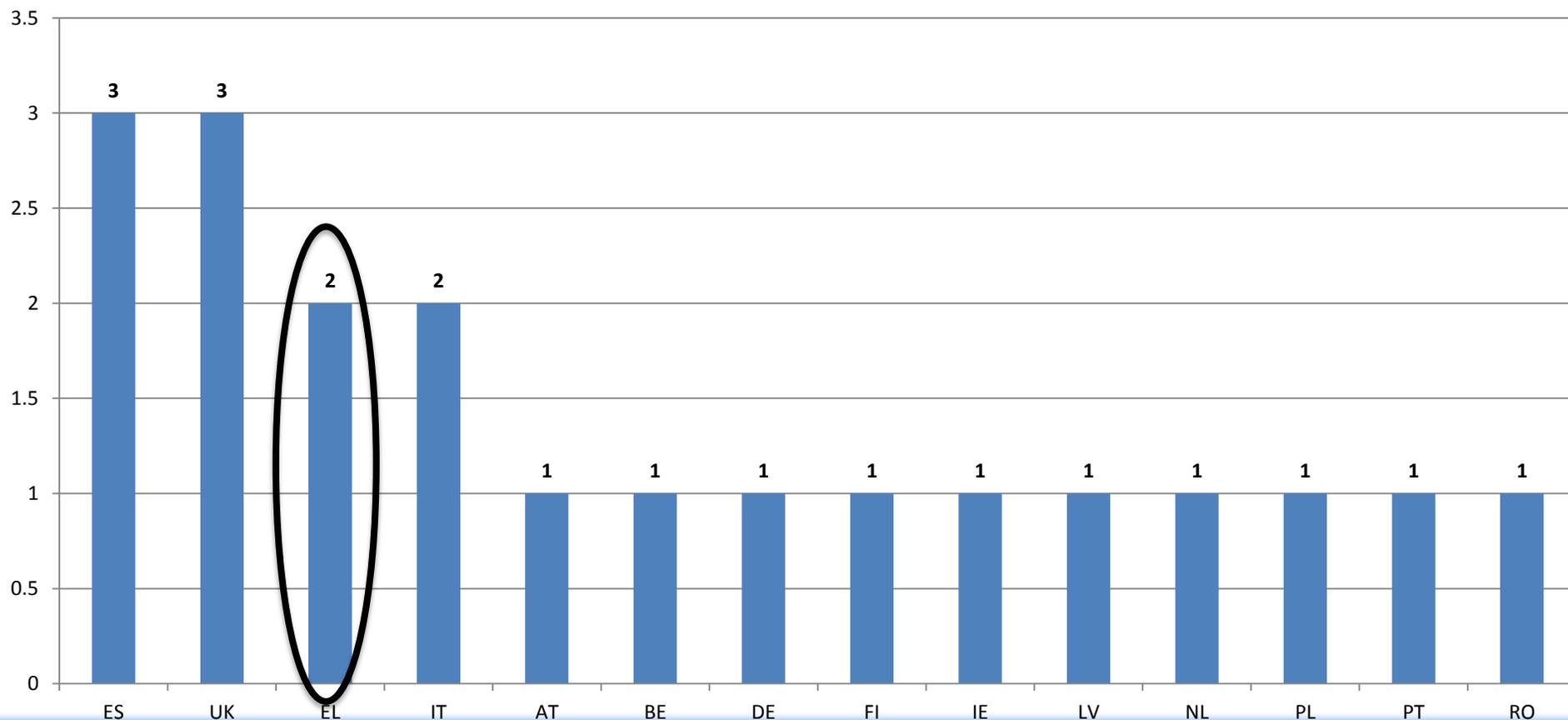
Call – Topics and Budgets

- **SCC-01-2014: Smart Cities and Communities solutions integrating energy, transport, ICT sectors through lighthouse (large scale demonstration - first of the kind) projects (90.320.000 €)**
- **SCC-02-2014: Developing a framework for common, transparent data collection and performance measurement to allow comparability and replication between solutions and best-practice identification (1.000.000 €)**
- **SCC-04-2014: Establishing networks of public procurers in local administrations on smart city solutions (1.000.000 €)**



Evaluation – Evaluators (20)

Distribution of independant evaluators per country of origin





SCC1 –All lighthouse proposals

- **529 participants**
- **32 countries**
(27 MS, 2 AS, 3 Third Countries)
- **46 lead cities**
- **17 countries**
- **53 follower cities**
- **28 countries**



Winning SCC1 proposals

(First three ranked proposals within available budget)

- **9 lead cities**
- **from 7 countries**
- **10 follower cities**
- **from 10 countries**

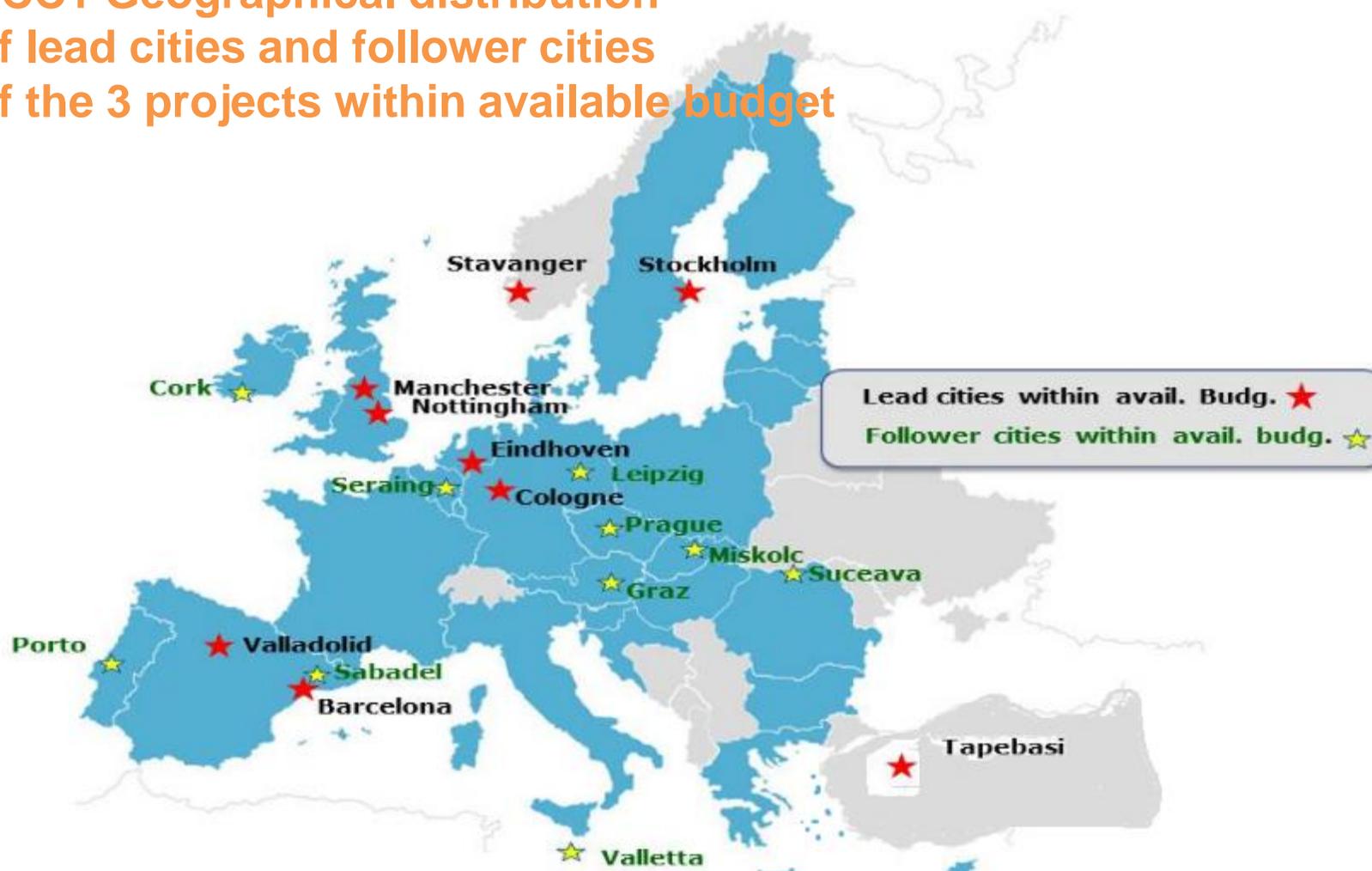


Evaluation SCC1 – Retained

Evaluation Panel	Proposal Acronym	Grant Requested	Ranking list
SCC-01-2014	GrowSmarter	24,999,450 €	RETAINED
SCC-01-2014	REMOURBAN	21,541,954 €	RETAINED
SCC-01-2014	Triangulum	25,420,603 €	RETAINED



SCC1 Geographical distribution of lead cities and follower cities of the 3 projects within available budget





Evaluation SCC1 – Reserve

Evaluation Panel	Proposal Acronym	Grant Requested	Ranking list
SCC-01-2014	catalist	34,193,820 €	RESERVE
SCC-01-2014	B my Zity	29,609,935 €	RESERVE

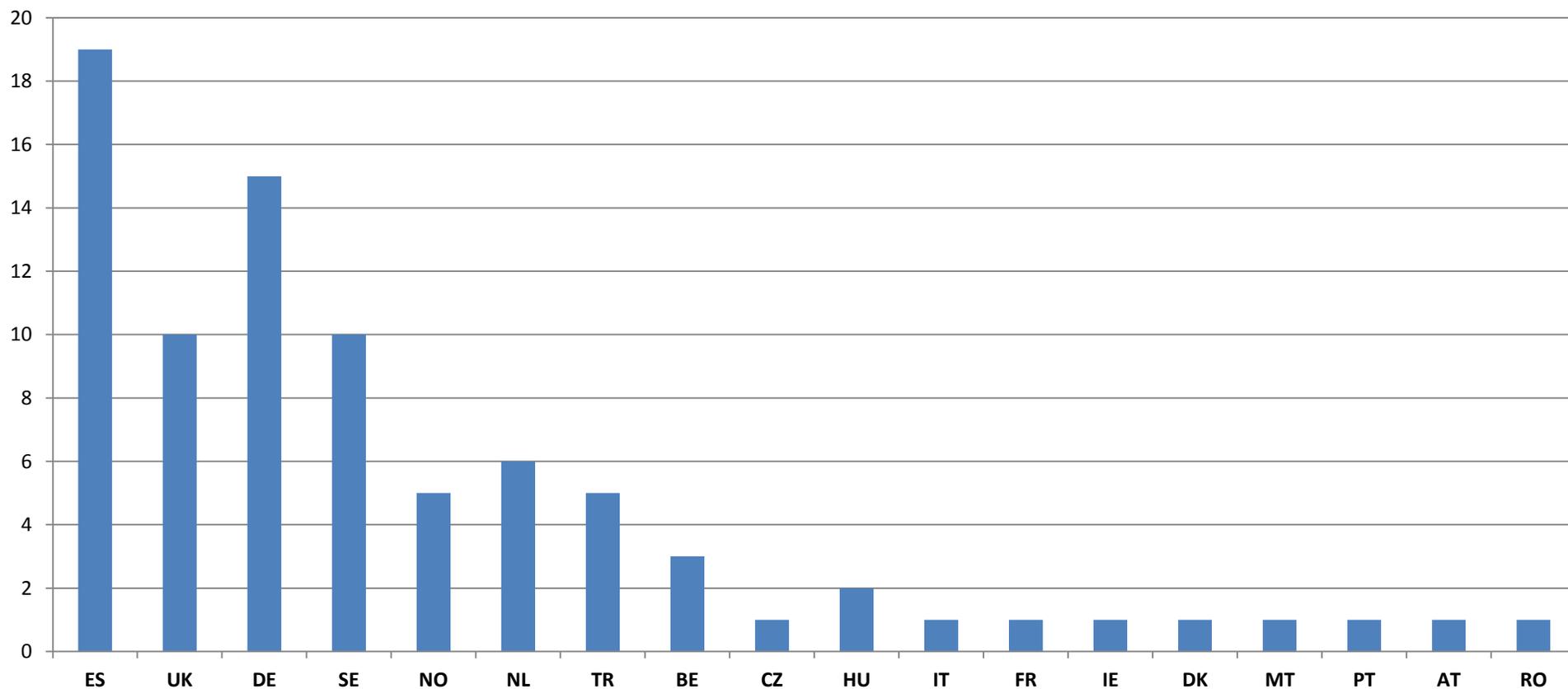
13 Greek partners
Dimos Thessalonikis

3 partners from Cyprus
Nicosia Municipality



Evaluation SCC1– Participants

Country participations in the 3 retained proposals (entities involved in proposals)





Evaluation SCC2 – one winning proposal

Evaluation Panel	Country	Number of entities involved in proposals	Percentage	Requested Grant	Percentage
SCC-02	FI	2	22.22%	341,383	35.46%
	NL	2	22.22%	205,176	21.31%
	AT	2	22.22%	199,838	20.75%
	BE	1	11.11%	141,000	14.64%
	ES	1	11.11%	43,700	4.54%
	HR	1	11.11%	31,750	3.30%
	Sum:	9	100.00%	962,847	100.00%



Evaluation SCC4

- **3 proposals submitted**
- **0 proposals retained**



EeB and SPIRE calls

EeB CALLS

VISION

An innovative high-tech energy-efficient European Construction industry (regarding buildings and districts)

SPIRE CALLS

VISION

A Sustainable Process Industry for a resource-efficient and low-carbon economy: Rejuvenate the European process industry base and help decoupling economic growth from resource impact



H2020–EeB–Budget

H2020: Estimated total EC funding: €600 million

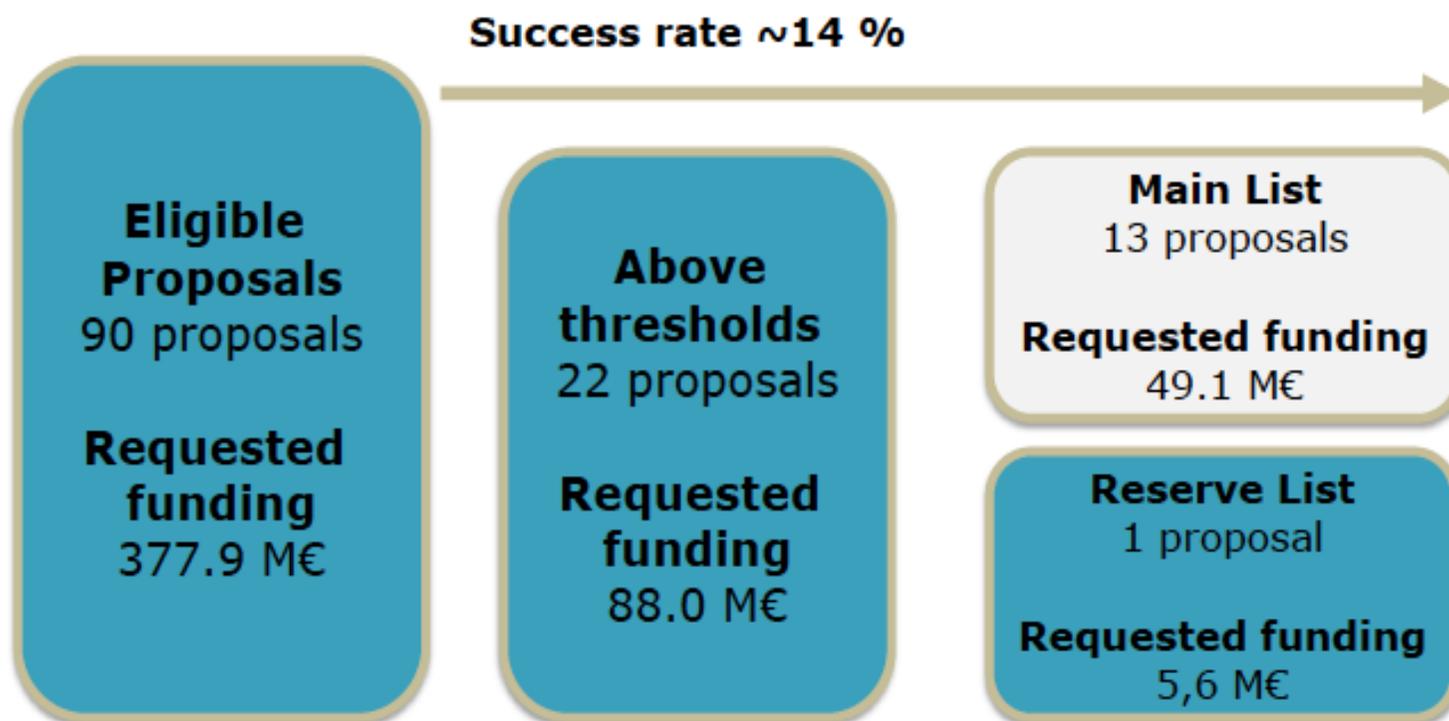
- LEIT-RTD (NMBP) 400 M€
- Energy 150 M€
- Environment 50 M€

2014: Total EC funding: €62,5 million

- **LEIT-RTD (NMBP) 49,5 M€**
 - 4 topics**
- Energy 8 M€
 - 1 topic IA**
- Environment 5 M€
 - 1 topic RIA**



Call H2020-EeB-2014





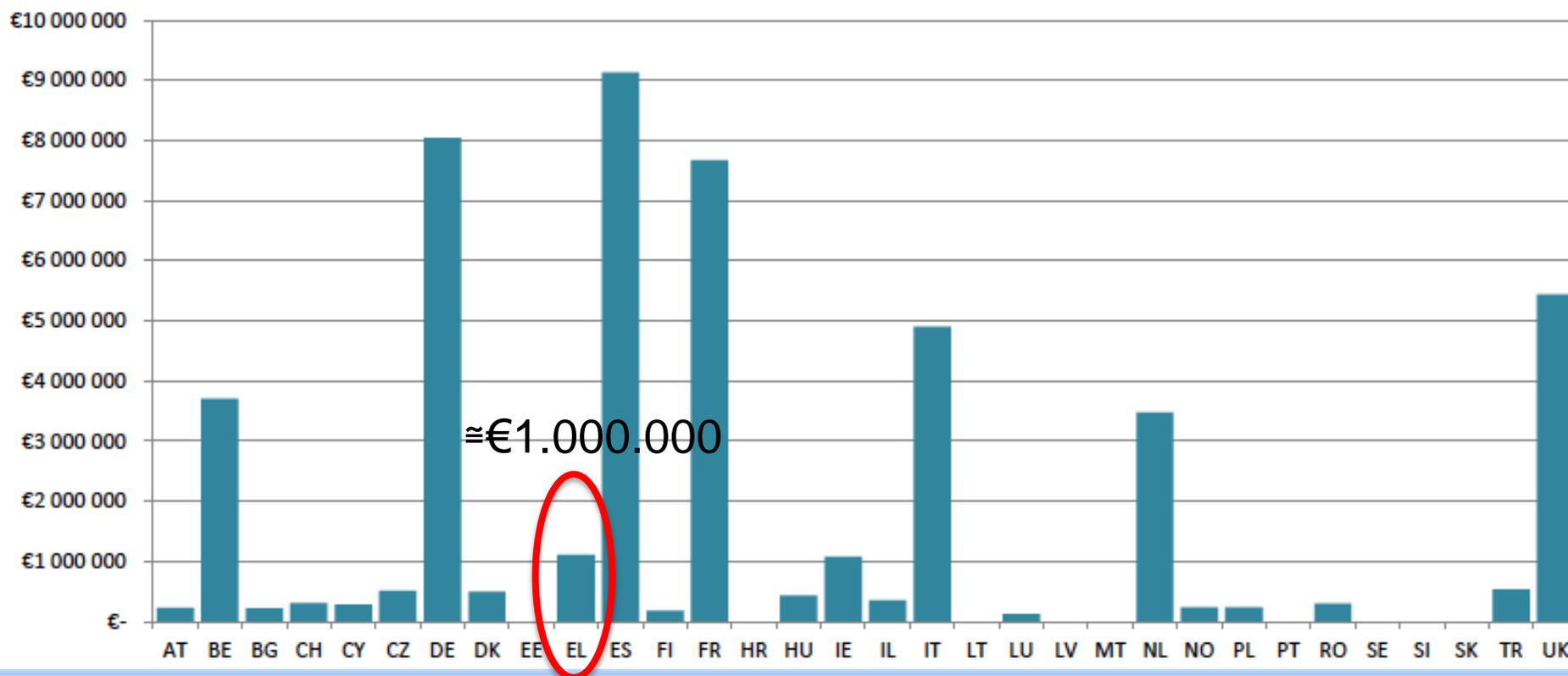
Call H2020-EeB-2014

	Type of Action	Eligible proposals	Above thresholds	Main List
EeB 1 – 2014: Materials for building envelope	IA	34	8	4
EeB 2 – 2014: Adaptable envelopes integrated in building refurbishment projects	RIA	35	6	2
EeB 3 – 2014: Development of new self-inspection techniques and quality check measures for efficient construction processes	RIA	16	4	3
EeB 4 – 2014: Support for the enhancement of the impact of EeB PPP projects	CSA (CA)	5	4	4
OVERALL	0	90	22	13



Call H2020-EeB-2014

Requested funding by country Main List





H2020–SPIRE–Budget

H2020: Estimated total EC funding: €900 million

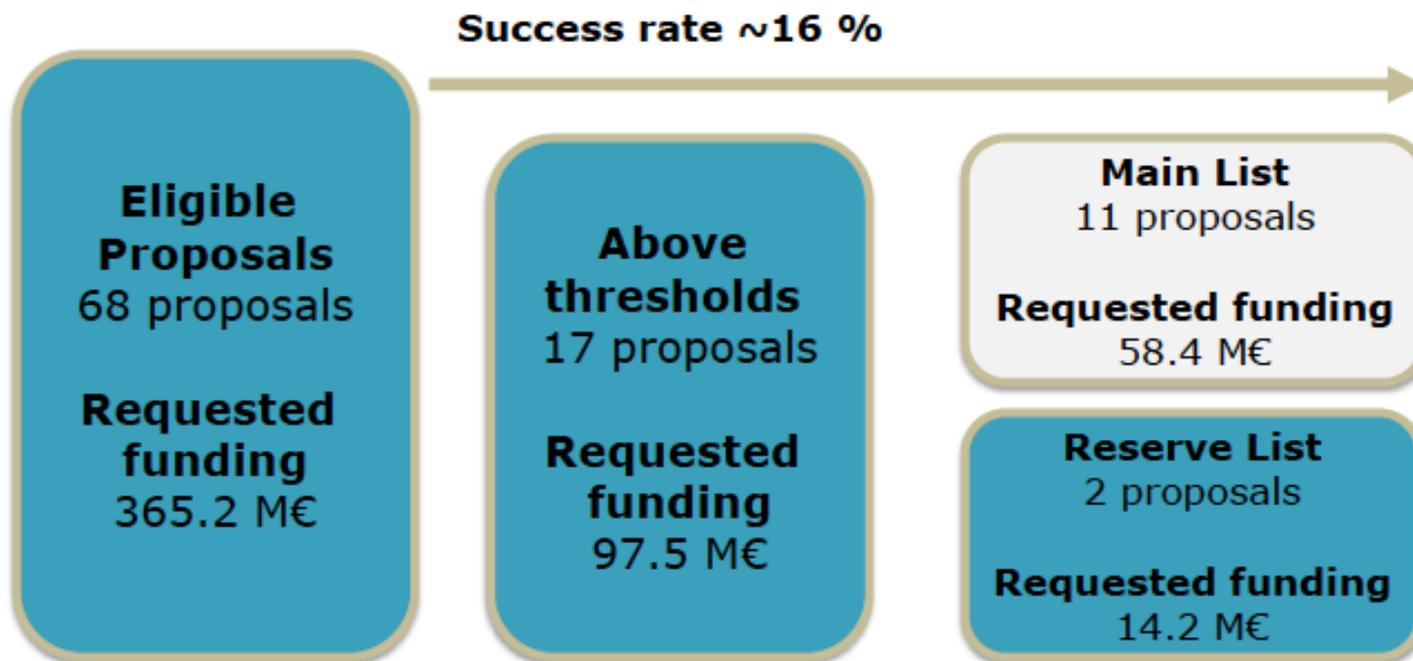
- LEIT-RTD (NMBP) 700 M€
- Energy 100 M€
- Environment 100 M€

2014: Total EC funding: €116,3 million

- **LEIT-RTD (NMBP) 60,3 M€**
4 topics
- Energy ~12 M€
1 topic IA + (part of) 1 topic RIA
- Environment 44 M€
1 topic IA



Call H2020-SPIRE-2014





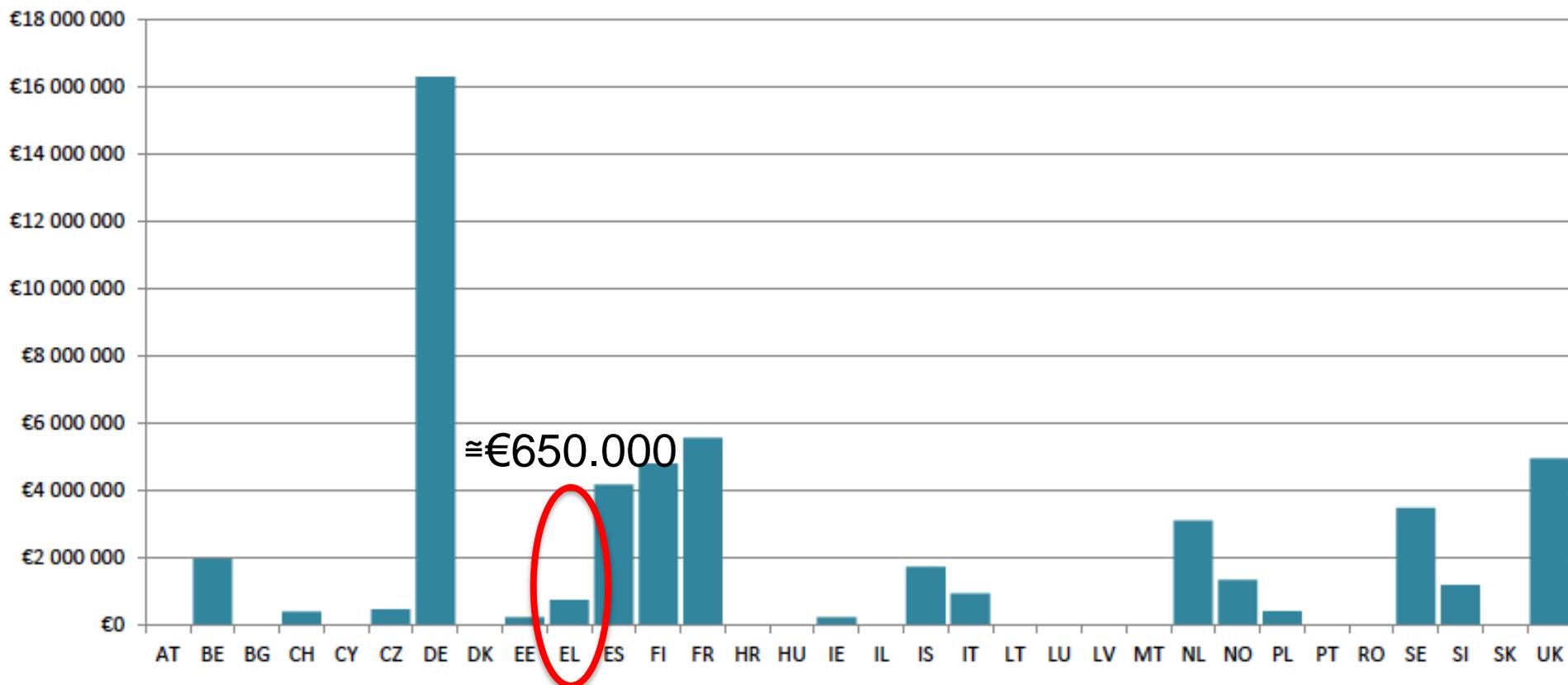
Call H2020-SPIRE-2014

	Type of Action	Eligible proposals	Above thresholds	Main List	Success rate
SPIRE 1 – 2014: Integrated Process Control	RIA	28	8	4	14,3%
SPIRE 2 – 2014: Adaptable industrial processes allowing the use of renewables as flexible feedstock for chemical and energy applications	IA	21	3	3	14,3%
SPIRE 3 – 2014: Improved downstream processing of mixtures in process industries	IA	10	3	1	10,0%
SPIRE 4 – 2014: Methodologies, tools and indicators for cross-sectorial sustainability assessment of energy and resource efficient solutions in the process	CSA (CA)	9	3	3	33,3%
OVERALL	0	68	17	11	16,2%



Call H2020-SPIRE-2014

Requested funding by country Main List





Summary Results for Greece

	SMEs (Energy)	LCE 04,07,08, 10,14,18	EE 01, 03, 18	EE 04,05, 07, 08, 09, 10, 14, 15, 16, 19, 20, 21	EE 11, 12, 13	SCC	EeB	SPIRE	TOTAL
Total Funding	2.300.000	153.580.838	13.316.375	56.976.149	15.664.013	92.320.000	49.100.000	58.400.000	441.657.375
Greek	50.000	5.783.572	-	1.126.963	581.250	-	1.000.000	650.000	9.191.785
Greek Perc	2,17%	3,77%	0,00%	1,98%	3,71%	0,00%	2,04%	1,11%	2,08%



2,08% of the budget in these topics goes to Greece



Thank you very much for your attention!

Ευχαριστώ πολύ για την προσοχή σας!