

February 2018

Newsletter

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Editorial

Dear Readers

Again, there were thousands of people at the ICT Proposers' Day 2017 in Budapest. Thanks a lot from the Ideal-ist team for being with us at our workshops, visiting our booth and for making the 2017 edition of the Face2Face brokerage event so successful. We organized more than 5600 meetings for 1000 participants! That's a new record!

In this issue you will find some summaries of Idealist2018 activities at this big event, for example additional information from contractual Public Private Partnerships (cPPP) representatives who were present at the cPPP workshop in Budapest. In addition, there are announcements of forthcoming events and some statistics on proposal success rates in different countries and types of organisation.

Enjoy reading!

Yours,
The Idealist2018 team



Summary of ICT Proposers' Day 2017

A picture is worth a thousand words, so let the images speak...





Ideal-ist's Cascading Grants Workshop

100+ Participants participated in the Ideal-ist's Cascading Grants Workshop which is more than we could have hoped for! EKT/NHRF and the Research Council of Norway were the main organizers of this Final Workshop of the ICT Proposers' Day; both are Idealist2018 partners! Anne-Marie Sassen from the European Commission opened the session and Manfred Halver from FFG moderated. The panel members (Project Coordinators and Open call beneficiaries) and the audience were given the opportunity to contribute to a fruitful discussion regarding the benefits & difficulties of participating in Cascading Grant Projects' Open Calls. Conclusions: Do it! It could be more efficient that applying for the SME Instrument, but on the other hand more streamlining of the procedures for proposal evaluation is needed! Edina Nemeth from INNOREG. supported the organization of the event as work package leader and organised a roll - up session so that coordinators of Cascading Grants projects could disseminate their open calls. Thanks to all Idealist2018 members the workshop was very well attended and successful and paved the way for the organisation of bigger roll-up sessions in the future. But most of all thanks to all our audience and panel members (Anastasia Garbi, Francisco Blanes, Sergios Soursos, Justin Tallon, Pierre-Damien Berger and Robert Lovas).



cPPPs' corner

Contractual Public Private Partnerships - a Vision for the Future

High Performance Computing (HPC)

1. Short summary of the main points discussed during the session. The ETP4HPC representative pointed out that mid-term review of cPPPs review report is partially unreliable and it is undermining trust to cPPPs by distributing false information (for example about the new SRA being unavailable on the ETP4HPC website).



For now ETP4HPC is not preparing any response to report recommendations. There are two main reasons:

- Some of the recommendations are not directed at the private part of cPPPs
- Some of the recommendations could not be challenged due to objective reasons (for example, a small number of SMEs who are members of ETP4HPC is caused by a very fast rate of larger entities buying out SMEs).

2. Feedback to the session - lessons learned from your point of view

Due to negative assessment of the cPPPs review report's content, it was also received negatively that the mid-term review cPPPs report was a main axis of this workshop.

3. Further news:

13th of March – General Assembly of ETP4HPC

Spring 2018 – next technical meeting between ETP4HPC and BDVA

28th of May to 1st of June – European HPC Summit Week in Ljubljana (ETP4HPC is involved in organising the event)

Questions to HPC:

1. What kind of organisations are you looking for?

-In general terms all producers and users (both science and business) of HPC technology.

2. Which are the markets you are principally addressing and what users are you looking for?

-Mainly ETP4HPC members want to deliver technology that could be competitive and sellable on European market and furthermore in US and Japan. Other markets are for now too small to be on our priority list.

3. How can we as ICT National Contact Points support you?

-At this point ETP4HPC is in touch with several NCPs and Ideal-ist ambassadors but there is now a particular need for collaboration, especially as ETP4HPC currently has problems with contacts at EC. The HPC community is rather small and integrated and new members regularly join ETP4HPC without any problems in finding it.

Robotics

1. Short summary of main feedback from Dr. Lafrenz.
Dr. Reinhard Lafrenz (euRobotics) – Secretary General of the robotics cPPP said that Robotics is one of the “middle -aged” cPPPs (MoU signed still during Kroes in 2012), established in 2014.

*success stories

He is most proud of the networking aspect. The ability to bring together different stakeholders, not only from the production and manufacturing side but also from other sectors such as agriculture, healthcare and to look for synergies. Another thing they are proud of is SPARC/euRobotics which is one of the piloting institutions for the Digital Innovation Hubs. They are proud of having a good link not only on a pan-European level but also on regional levels, especially focusing on supporting SMEs by establishing local partnerships. Dr. Lafrenz highlighted its importance in handling language barriers.

*arguments and statements related to the mid-term review report

Dr. Lafrenz appreciates the input of the report. He highlighted that KPIs are difficult to measure and need to be customized per cPPP. He suggested discussing the review results with the independent evaluators first and only then going to public discussion.

*future perspective/role in FP9

Dr. Lafrenz highlighted that SPARC is NOT about individual technologies, it is about system integration and using the right technology for the right purpose while keeping in mind the cost aspect. SPARC takes on the challenge to transfer results from one sector to another, even if it is a very special non-transferrable technology.

Closed club point:

Institutional members only, but everyone is welcome.

2. Further news

Two info Days/Brokerage days related to this PPP are scheduled for 5th (AI) and 6th December 2018 (Robotics). (see links already circulated)

Robotics week 20-23 November 2018

Robotics forum 2018 in Tampere from 14 March 2018.

European Robotics League tournament schedule for 2018:

https://www.eu-robotics.net/robotics_league/events/erl-2017-2018-tournaments/index.html

Strategic Research Agenda and Multi-Annual Roadmap (update for 2017) provides a very concise overview on activities.

Latest news from SPARC:

- 2 latest workshops on [agile production DIH](#) and [healthcare DIH](#)

- [draft programme](#) for the European robotics forum for

mid-march 2018 is out.

- [presentations](#) from the Robotics brokerage day (info day on 6th December 2017) online

The results on the public consultation on the Future of Robotics and Artificial Intelligence

<http://www.europarl.europa.eu/committees/en/juri/robotics.html?tab=Results>



Factories of the Future (FoF)

1. Short summary of the main points discussed during the session

Chris Decubber from FoF:

The Factories of the Future is one of the oldest cPPPs. Chris said: "The association tries hard to disseminate information; the Commission sets the rules! The calls are on the website! A lot of integration of technologies (mostly digital) is going on. For the future when it comes to manufacturing (when you look around) competitiveness of manufacturing and the role of innovation is clear there."

He also said that demonstration is the success story! Human talking to a machine, this is the characteristic of this cPPP. Integration of technologies and demonstration are key although we talked about Research etc. One important early FoF project was Areus, projects like that look to other sectors when it comes to enabling tech, like the smart grid in the energy sector, the project tries to optimise the factory like the smart grid concept is trying to optimise the energy sector in general.

2. Your feedback to the session - lessons learned.

From my point of view this workshop helped a lot towards understanding what drives the roadmap creation of the cPPPs. Workshop participants related what is important for the future of the European Industry. The European Commission takes really seriously feedback from NCPs and the other participants, especially the need for better KPI provision from the FoF cPPP related to their efforts, achievements and added value.



Also something that is linked to the FoF PPP is the opinion of the representative of the sustainable manufacturing association, Dr Martin Winter from SPIRE, who said that mass customisation of modular products are the future! This means that we need more modular factory lines as well. We need factories that can produce a customisable variety of products to address specific needs i.e. smart factories with adaptable production lines!

3. Further news from your cPPP

The main topics that are important to have in mind:

- DT-FoF-01-2018: Skills needed for new Manufacturing jobs
- DT-FoF-02-2018: Effective Industrial Human-Robot Collaboration
- DT-FoF-03-2018: Innovative manufacturing of opto-electrical parts
- DT-FoF-04-2018: Pilot lines for metal Additive Manufacturing
- DT-ICT-07-2018: Digital Manufacturing Platforms for Connected Smart Factories

Partner Search:

- SOS: The Association's Partner Search Platform is up and running and anyone can find it here:

Project ideas already uploaded can be viewed via this link: portal.effra.eu/projectideas.

Partners can send their EOIs

How to upload:

- Create an account in the [Innovation Portal](http://portal.effra.eu).
- Once logged in, select:
- Project Ideas
- Then 'Your project ideas'
- Then select 'Create project idea'.
- Fill in the required boxes & select the topic of interest then click on 'Create project idea'

Special Section about I4MS:

I4MS brings together eleven 'Factories of the Future' projects as Integrated Projects (IPs) and two 'roadmapping' projects.

Participating IPs

- [APPOLO](#) (Hub of application laboratories for equipment assessment in laser-based manufacturing)
- [BEinCPSS](#) (Business experiments in cyber physical production systems)
- [CloudFlow](#) (Computational cloud services and workflows for agile engineering)
- [CloudSME](#) (Cloud-based simulation platform for manufacturing and engineering)
- [EUROC](#) (European robotics challenges)
- [FORTISSIMO](#) (Factories of the future resources,

technology, infrastructure and services for simulation and modelling)

- [FORTISSIMO II](#)
- [HORSE](#) (Smart integrated Robotics system for SMEs controlled by IoT based on dynamic manufacturing processes)
- [INTEFIX](#) (Intelligent fixtures for the manufacturing of low rigidity components)
- [LASHARE](#) (Sharing innovation through laser-based equipment assessment)
- [L4MS](#) (Logistics for Manufacturing SMEs)
- [ReconCell](#) (Reconfigurable robot workCell for fast set-up of automated assembly processes in SMEs)

For more information regarding the implementation of such projects like HORSE and the utilisation of cascading grants methods please refer to the report of ICT Proposers' Day 2017 Ideal-ist Workshop called "Cascading Grants".

I4MS Open Calls are open through the ongoing I4MS projects: HORSE, Fortissimo2, BEinCPSS and ReconCell.

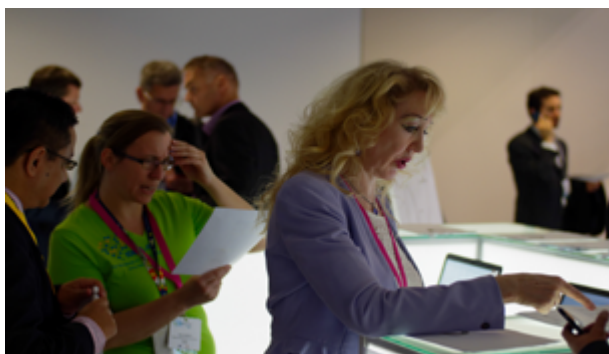
Success Factors for Projects: (in a QaA form, e.g.: Understanding and agreeing on the milestones from proof-of-concept through to industrial deployment)

<http://www.effra.eu/success-factors>

Here is the form to join EFFRA: [Membership Form](#)

Questions to FoF:

1. What kind of organisations are you looking for?
-Organisations that spot technologies in the EFFRA Innovation Portal and make potential users aware of them.
2. Which are the markets are you principally addressing and what users are you looking for?
-Manufacturing in a broad sense.
3. How can we, as ICT National Contact Points, support you?
-Spreading the message about the project opportunities, about our public events or events that we are associated with.



Cybersecurity – ECSO

Report from ENISA (European Union Agency for Network and Information Security) on
Priorities for EU research - Analysis of the ECSO Strategic Research and Innovation Agenda (SRIA)

<https://www.dropbox.com/s/fbyhnbuaomq8jof/ECSO%20SRIA%20WG6%20E2%80%9420Priorities%20for%20EU%20Research.pdf?dl=0>



Save the Date: the ICT 2018 event will take place on 4-6 December 2018 in Vienna, Austria

The 2018 Austrian Presidency will host the next ICT event at the [Austria Centre Vienna](#) in December this year. The ICT events organised since 1998 by the European Commission have become Europe's most visible international forums for ICT innovation and a unique rendezvous for the entire ICT research and innovation community.

The 2018 edition of this major networking event will have the following main components:

- Conference on digital research and innovation policies
- Exhibition of EU-funded research and innovation projects in the field of ICT
- Series of networking activities
- An innovation and startups village to showcase European entrepreneurship.

More details will follow soon. Follow us on Twitter through our dedicated account [@ICT2018 eu](#).



Full Proposal Check events will be organized again this year.

The deadline for the main ICT-2018 call is approaching fast which means Ideal-ist is organizing again a Full Proposal Check Event. Following up on the good experience of the last couple of years, the event will be divided into a series of remote and on-site meetings.

In simple terms, the process typically goes like this:

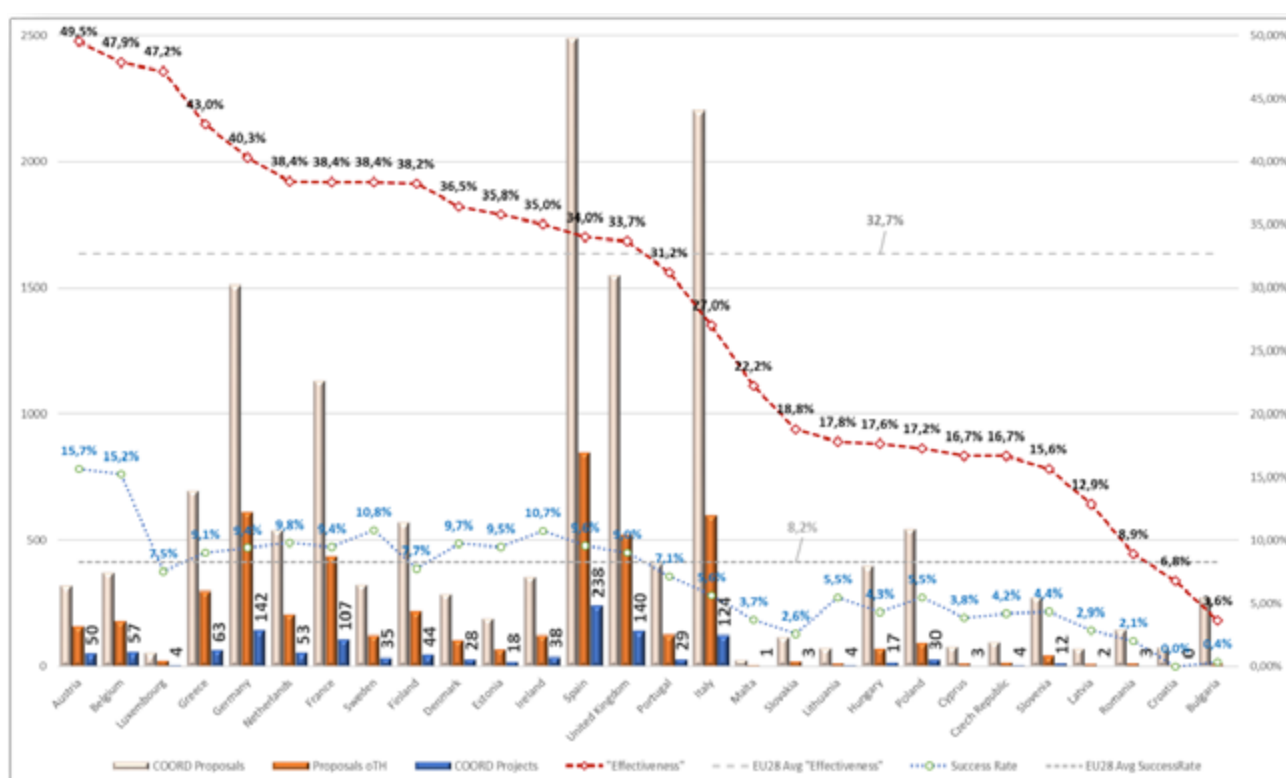
- Local NCPs commit to organise a session (on site or remote) at a given location on a specific date, and invite experienced evaluators.
- Interested proposers register for one of the sessions and submit short abstract of their proposals.
- Proposals are checked for relevance and a schedule of meetings is prepared.
- Each meeting will take 90 minutes to allow evaluators to read the proposal and provide feedback.
- If the proposer signs up for a remote session, the process is the same but the meeting will take place over Skype.

Proposal check events aim to increase the chances for funding and transfers useful knowledge to the proposers. NCPs can highly benefit from the event by witnessing how experienced evaluators assess a proposal.

Currently we have hosts in Oslo (13th of March 2018) and Vienna (14th of March 2018). Please [check our website](#) for more details.

Effectiveness of proposal preparation (statistics)

One of the important factors raised by sceptics of the EU Framework Programs is the low success rate, as compared to other R&I programs. Therefore, an important challenge is the ability to write a good proposal that will reach the highest possible rating of the independent evaluators of the European Commission. The following figure presents the analysis of submitted proposals for H2020 projects in the ICT area of ICT :

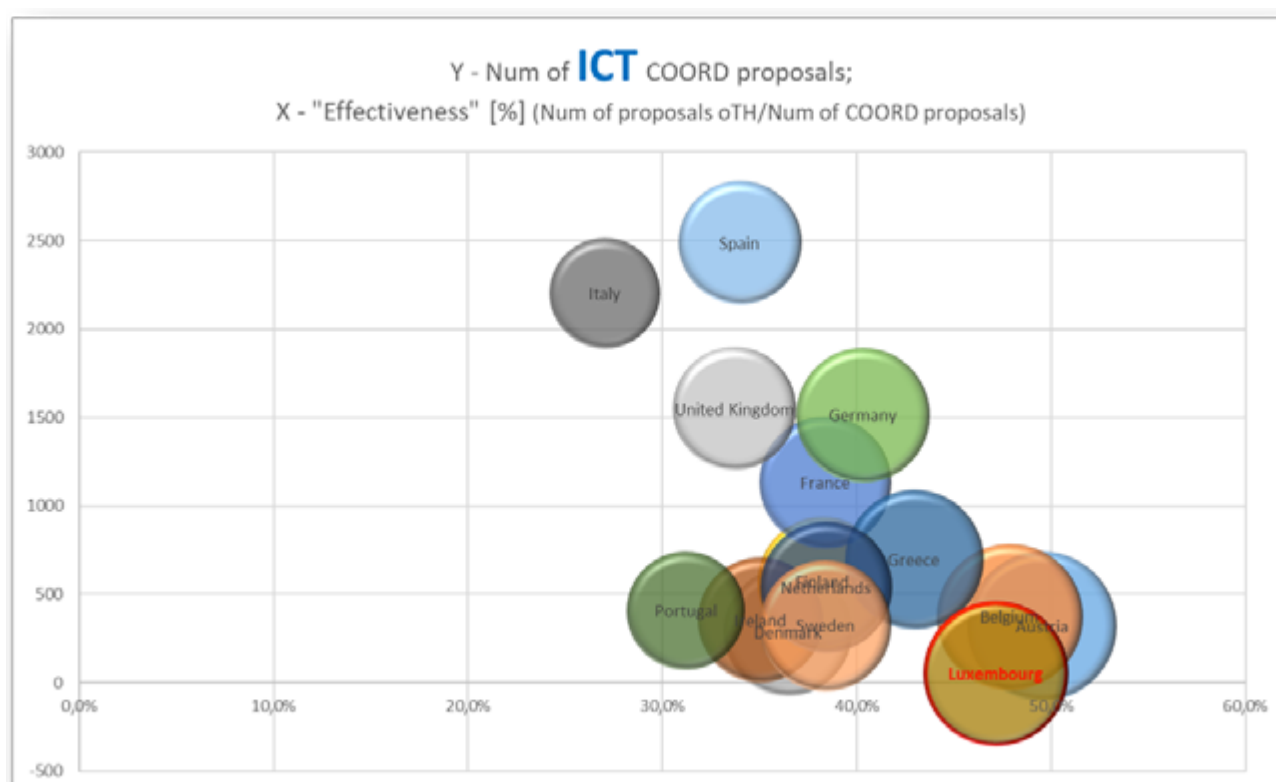
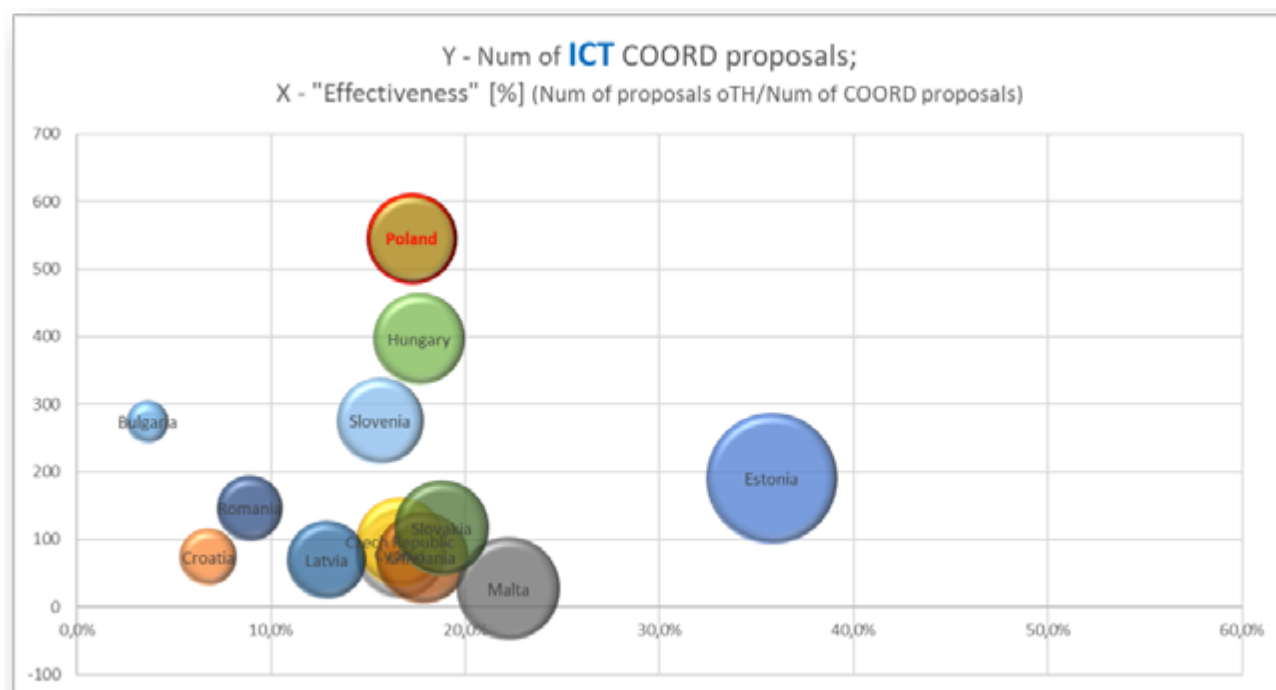


The above chart shows: the number of proposal applications for H2020 projects in the area of ICT; applications which received an evaluation above the Threshold (oTH); number of co-financed projects in the area of ICT. The chart also shows the "Effectiveness" (number of proposals oTH / number of submitted proposals) and the final Success Rate (number of financed projects / number of proposal applications) for each individual EU country.

The most effective applicants (in the area of ICT) are organizations from countries that rank above the European average (32.7%). Results from these countries have (with the exception of Luxembourg and Finland) a higher success rate than the European average (8.2%).

It would be more appropriate to relate these results with GDP, GERD, the number of scientists or the population of each of these countries. However, the lack of information of the extent to which these data relate to activities in the ICT area does not allow such a comparison.

The following two graphs present the position of EU member states in their "Effectiveness" to write H2020 proposal applications in the ICT area that receive over the threshold (oTH) scores in the evaluation. These graphs show each country's position in relation to the number of applications submitted and the resulting "Effectiveness". The division into two graphs (EU13 and EU15) results only from differences in the number of applications submitted and their effectiveness. The accumulation of this information in one graph would make it unreadable.



Both graphs retain the same "Effectiveness" scale for comparison purposes, although the scales regarding the number of applications are different. It is clearly visible, however, that Estonia precedes EU13 countries and behind Estonia by overtaking the "Effectiveness" index obtained by Ireland, Spain, the United Kingdom, Portugal and Italy. Also with regard to the Success Rate (i.e. projects actually funded), Estonia is ahead of Greece, Germany, France, Finland, the United Kingdom, Portugal and Italy.

Below is a summary table showing the "Effectiveness" and Success Rates achieved by applicants from each country for different types of Organisation:

	HES		OTH		PRC		PUB		REC	
	Effective ness	Success Rate	Effective ness	Success Rate	Effective ness	Success Rate	Effective ness	Success Rate	Effective ness	Success Rate
Austria	64,7%	23,5%	100,0%	0,0%	43,5%	15,9%	66,7%	33,3%	59,7%	10,4%
Belgium	66,7%	22,2%	66,7%	33,3%	37,4%	8,1%			63,9%	27,9%
Bulgaria	0,0%	0,0%	0,0%	0,0%	3,9%	0,4%	0,0%	0,0%	0,0%	0,0%
Croatia	25,0%	0,0%			3,3%	0,0%			20,0%	0,0%
Cyprus	50,0%	0,0%	0,0%	0,0%	11,7%	5,0%			0,0%	0,0%
Czech Republic	21,4%	0,0%	14,3%	0,0%	15,1%	5,5%			50,0%	0,0%
Denmark	54,7%	15,6%	0,0%	0,0%	31,2%	7,3%	0,0%	0,0%	40,0%	20,0%
Estonia	25,0%	8,3%			36,7%	9,6%	0,0%	0,0%		
Finland	42,2%	11,1%	75,0%	50,0%	35,3%	6,0%	0,0%	0,0%	52,6%	12,3%
France	51,7%	11,5%	39,3%	17,9%	33,6%	6,7%	28,6%	14,3%	62,8%	24,8%
Germany	50,8%	10,7%	30,4%	17,4%	33,2%	7,8%	33,3%	0,0%	53,6%	12,4%
Greece	48,8%	12,8%	0,0%	0,0%	28,4%	5,5%	0,0%	0,0%	59,9%	12,0%
Hungary	25,0%	0,0%	33,3%	33,3%	17,8%	4,1%	0,0%	0,0%	20,0%	0,0%
Ireland	53,2%	15,9%	28,6%	0,0%	24,9%	8,3%	33,3%	0,0%	0,0%	0,0%
Italy	51,9%	10,1%	36,0%	12,0%	19,4%	4,0%	14,3%	7,1%	48,9%	11,1%
Latvia	0,0%	0,0%	0,0%	0,0%	12,9%	1,6%	100,0%	100,0%		
Lithuania	0,0%	0,0%	100,0%	50,0%	16,2%	4,4%	0,0%	0,0%		
Luxembourg	25,0%	0,0%			46,2%	10,3%	0,0%	0,0%	66,7%	0,0%
Malta					22,2%	3,7%				
Netherlands	55,3%	12,9%	16,7%	0,0%	30,4%	7,9%	0,0%	0,0%	63,4%	19,5%
Poland	16,0%	0,0%	62,5%	37,5%	15,4%	4,6%	25,0%	0,0%	35,7%	17,9%
Portugal	26,1%	8,7%	14,3%	0,0%	23,5%	7,5%			52,3%	6,4%
Romania	35,3%	0,0%	0,0%	0,0%	5,6%	2,4%	0,0%	0,0%	0,0%	0,0%
Slovakia	20,0%	0,0%	0,0%	0,0%	19,0%	2,9%				
Slovenia	38,5%	0,0%	0,0%	0,0%	13,3%	4,2%	0,0%	0,0%	42,9%	14,3%
Spain	52,6%	16,1%	33,3%	4,8%	27,9%	7,7%	29,2%	4,2%	56,2%	16,1%
Sweden	55,4%	16,1%	50,0%	0,0%	34,3%	9,4%	50,0%	50,0%	30,0%	10,0%
United Kingdom	47,9%	12,9%	45,5%	0,0%	28,1%	6,9%	45,5%	27,3%	53,1%	34,4%
	49,7%	12,4%	37,4%	14,4%	26,1%	6,4%	21,2%	8,8%	54,9%	14,5%

From the table above:

- The highest overall "Effectiveness" rate was achieved by ICT applicants from REC -research organisations (54.9%), and the lowest from PUB - public bodies (21.2%),
- the highest overall Success Rate was achieved by ICT applicants from REC (14.5%), and the lowest by PRC - privat sector(6.4%).

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