

SEPTEMBER 2016

Newsletter

IN THIS ISSUE:

- 1 ICT Proposers' Day Bratislava
26-27th September 2016
- 2 The contractual Public-Private Partnership (cPPP) on cybersecurity
- 3 5G Public Private Partnership 2017 topics flagged as being particularly suitable for international cooperation in ICT
- 4 UK participation in H2020
- 5 Handling of Swiss Participants in Horizon 2020 Consortia
- 6 Call for mentors for the European Commission programme Copernicus Accelerator
- 7 Follow Ideal-ist!



Editorial

Dear Readers

The Idealist2018 consortium welcomes you to read the September 2016 edition of the project newsletter.

This is the special ICT Proposers' Day 2016 issue in which we want to inform you about Idealist2018 activities at the event in Bratislava, the most important annual event for H2020 ICT partner search and networking. You will also find out more about ICT in Horizon2020 (Call text information, cPPP initiatives, Brexit, advice on how to prepare a proposal etc.). We have prepared a lot of material for you. Don't miss out!

Enjoy reading!

Yours
The Idealist2018 team

ICT Proposers' Day Bratislava 26-27th September 2016



ICT Proposers Day 2016 will be held on 26-27 September 2016 in Bratislava, Slovakia, during the Digital Week.

We are pleased to announce that ICT Proposers' Day 2016, the most significant EU event on research and innovation in information and communication technologies will take place on 26-27 September 2016 in Bratislava, Slovakia, as a part of the EU Digital Week.

The event will focus on networking for Horizon 2020 Work Programme 2016-17, including ICT calls across all three pillars of Horizon 2020.

The event offer an exceptional opportunity to build quality partnerships as it connects academia, research institutes, industrial stakeholders, SMEs and government actors from all over Europe. The event is free of charge but registration is required.

In total, more than 3,000 researchers, innovators, entrepreneurs, industry representatives, young people and policy makers are expected to attend.

[Idealist2018](#), the network of National Contact Points for ICT research is organising a series of events at the ICT Proposers day:

26 SEP 15:00-16:30

Workshop:

Help! I am a Proposal Coordinator! Proposal Coordination in Horizon 2020

27 SEP 09:30-11:00

Workshop:

Open to the industry - Inside contractual Public Private Partnerships

27 SEP 11:30-13:00

Workshop:

SMEs in Horizon 2020 - Looking for Support Beyond the SME Instrument

26-27 SEP All day Face2Face Brokerage Event

26-27 SEP All day Ideal-ist Booth

For more info on the ICT Proposers' Day 2016 please visit:

Main event site:

<https://ec.europa.eu/digital-single-market/ict-proposers-day-2016>

Ideal-ist at ICT Proposers Day:

<http://www.ideal-ist.eu/event/ict-proposers-day-2016>

Face2Face brokerage event:

<https://www.b2match.eu/ictproposersday2016>

Ideal-ist Face2Face Brokerage Event @ ICT Proposers Day

When: 26-27 September 2016

Ideal-ist invites the ICT community to engage in pre-arranged meetings at its Face2Face Brokerage event organised to facilitate the formation of consortia for upcoming Horizon 2020 calls and beyond. Ideal-ist is organising this event in cooperation with EEN (European Enterprise Network).

This networking event targets a wide range of actors in the ICT sector from academia and industry interested in sharing new project ideas and finding collaboration partners for projects under ICT oriented calls across Horizon 2020 and beyond.

At our last event in Lisbon in 2015, 1044 participants from 57 different countries, representing universities, research institutes, SMEs and large companies all across Europe and beyond, joined the brokerage event co-organised by Ideal-ist and EEN, and held 4313 meetings.

Come along and be part of our 2016 brokerage event! Take advantage of this unique opportunity to connect with potential partners from all over the world!

For more information please visit:

To register:

<https://ec.europa.eu/digital-single-market/ict-proposers-day-2016>

Face2Face brokerage event:

<https://www.b2match.eu/ictproposersday2016>



Ideal-ist Exhibition

When: 26-27 September 2016

As the network of National Contact Points for ICT in Horizon 2020, Ideal-ist, supports organisations interested in EU research and innovation in over 65 countries. The exhibition stand at the ICT Proposers' Day will be a meeting and information point for anyone interested in learning more about ICT in Horizon 2020, and Ideal-ist activities and services. Visitors can hold Face2Face meetings with Ideal-ist representatives and benefit from Ideal-ist promotional materials and on-line demonstrations of tools and services, including the toolbox for proposers and our [partner search system](#). Meet us there!



Ideal-ist Workshop: Help! I am a proposal coordinator! Proposal Coordination in Horizon 2020

When: 26 September 2016, 15:00-16:30

Coordinating a proposal is a daunting task. Finding just the right idea, finding just the right consortium, keeping to schedule, interpreting all the diverse requirements, having a life outside proposal coordination are just some of the challenges.

The workshop, moderated by Paul Drath, will look at how successful, and unsuccessful proposals have been developed and present recommendations on how proposals can be advanced and submitted without feelings of despair. The results of this interactive discussion will help:

- Individuals and organisations to better coordinate proposals,
- Potential partners to understand what a good coordinator does and how to be a good partner,
- National Contact Points in giving advice to proposers,

Agenda:

- Welcome and introduction, Tour de table - coordinators,
- A tale of two proposals, what went right, what went wrong
- Coordinators' experience,
- Dos and Don'ts for coordinators,
- Questions and answers.

Registration: not required.

Ideal-ist Workshop: Open to the industry - Inside contractual Public Private Partnerships

When: 27 September 2016, 09:30-11:00

Contractual Public Private Partnerships (cPPPs) are cornerstones for Europe's aim of maintaining and developing leading technologies. The roadmaps of cPPPs encourage innovation in Europe and strongly influence European research funding.

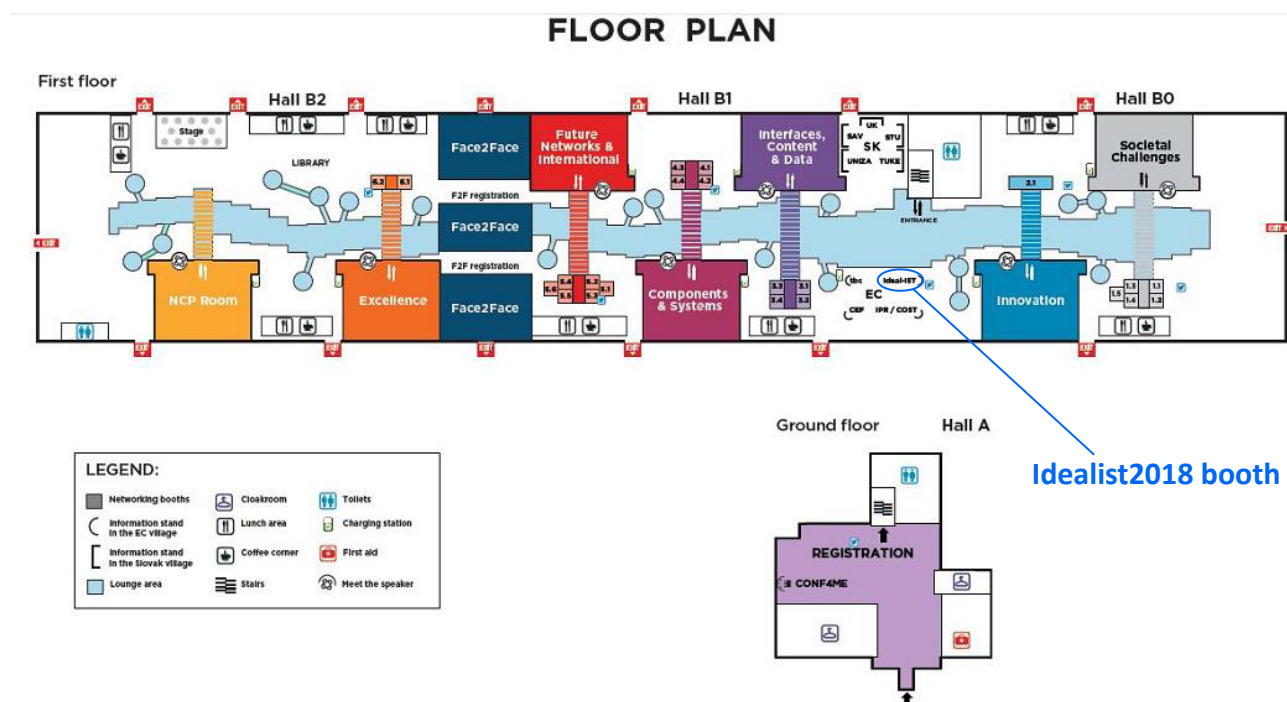
This workshop will give participants an answer to strategic, organisational and political questions on Public Private Partnerships of relevance to ICT. The audience will get an insight into what it means to be linked with a cPPP and to what extent it is important to know about cPPP activities when being active in a specific research field. The EC perspective will be part of the discussion. The workshop will provide additional information to the individual conference sessions on cPPPs (work programme call topics are not being addressed). Target group: policy makers, proposers who are interested to learn more about the strategic approach of cPPPs, NCPs.

Agenda:

- Welcome & introduction (Idealist, European Commission)
- Example of the recently launched cPPP Cybersecurity
- Panel discussion (cPPP representatives)
- Questions

Registration: not required.





Ideal-ist Workshop: Looking for Horizon 2020 support beyond the SME Instrument

When: 27th September 2016, 11:30-13:00

Horizon 2020 stimulates SME participation across the whole programme, yet with a particular focus on close-to-market support. According to its legal base and the European Commission, Horizon 2020 aims to increase SME participation which is promoted by the dedicated SME Instrument, which also is a priority in other actions.

This workshop will explore approaches, risks and opportunities that can help SMEs align their innovation strategy and increase their competitiveness through Horizon 2020.

It will feature SMEs who are successfully participating in collaborative actions (both early stage and well-established SMEs), as well as other actors who interact with them in H2020 projects (evaluators, academia, industry).

The SMEs will present their experience and important lessons learnt, as a way to inspire and help newcomers.

A moderated discussion will follow, focusing on best practices and linking participants in a dialogue with the main support networks (Ideal-ist, Enterprise Europe Network, Access4SMEs) that provide tools for increasing SME participation.

The workshop will support SMEs with ideas for participation in Horizon 2020:

- Which opportunities for SMEs exist in Horizon 2020 (beyond the SME Instrument)?
- What is the motivation and strategy for SMEs to participate in EU projects?

- Which challenges do SMEs face in Horizon 2020 and how do successful participants deal with it?
- How can SMEs get in touch with other partners (e.g. other SMEs, industry, academia)?
- What are the best ways for SMEs to provide added value to a consortium and proposal?
- How can an SME efficiently implement project management and administration in EU projects?

Agenda:

- Introduction: SME support services to increase participation in H2020 (Idealist2018, Enterprise Europe Network, Access4SMEs)
 - Brief presentations of SMEs with successful participation in RIA/IA (both experienced and less experienced SMEs)
 - Discussion with the speakers on the above issues (SMEs, evaluators, NCPs etc.)
 - Questions and answers
- Registration: not required.

This workshop will be coordinated by Idealist2018 and is jointly co-organized with the Enterprise Europe Network & the SME NCP Network.



For further information about activities, such as the Face2Face brokerage event organised at ICT Proposers' Day 2016 by Idealist2018, please click on the link: <http://www.ideal-ist.eu/event/ict-proposers-day-2016>

The website for ICT Proposers' Day 2016 is: <https://ec.europa.eu/digital-single-market/ict-proposers-day-2016>

The contractual Public-Private Partnership (cPPP) on cybersecurity

As part of the EU cybersecurity strategy, the European Commission and the European Cyber Security Organisation (ECISO) [signed a cPPP on 5 July 2016](https://ec.europa.eu/digital-single-market/en/news/commission-signs-agreement-cybersecurity-industry-increase-measures-address-cyber-threats). The new #cybersecurity PPP will help European industry to tackle cyber threats. It will also strengthen cooperation & trigger up to €1.8 billion of investment by 2020. Watch here the highlights from the signing ceremony: <https://ec.europa.eu/digital-single-market/en/news/commission-signs-agreement-cybersecurity-industry-increase-measures-address-cyber-threats>

The aim of the partnership is to foster cooperation between public and private actors at early stages of the research and innovation process in order to allow people in Europe to access innovative and trustworthy European solutions (ICT products, services and software). These solutions take into consideration fundamental rights, such as the right for privacy.

It also aims to stimulate cybersecurity industry, by helping align the demand and supply sectors to allow industry to elicit future requirements from end-users, as well as sectors that are important customers



cybersecurity solutions (e.g. energy, health, transport, finance).

The cPPP will be instrumental in structuring and coordinating digital security industrial resources in Europe. It will include a wide range of actors, from innovative SMEs to producers of components and equipment, critical infrastructure operators and research institutes, brought together under the umbrella of ECISO.

The EU will invest up to €450 million in this partnership, under its research and innovation programme Horizon 2020. Cybersecurity market players are expected to invest three times more.

The first calls for proposal will be launched in the first quarter of 2017.

5G Public Private Partnership 2017 topics flagged as being particularly suitable for international cooperation in ICT

“The fifth generation of communications infrastructures, or 5G, is the future network infrastructure supporting the digitization of the economic and societal activities worldwide. The European Commission strongly supports a cooperation and seeks for a global consensus and cooperation on 5G.”

The European Commission signed a landmark agreement with the ‘5G Infrastructure Association’ on 17 December 2013, representing major industry players, to establish a [Public Private Partnership on 5G](#) (5G PPP). This is the EU flagship initiative to accelerate research developments in 5G technology. The European Commission has earmarked public funding of €700 million through the Horizon 2020 Programme to support this activity. EU industry is set to match this investment by up to 5 times, to more than €3 billion euros.

The 5G related calls for proposals are organized in three different phases:

phase I (2014-2015) focused on Research work;
phase II (2016-2017) based on system optimization and
Phase III (2017-2018) focused on large-scale trials.

In 2014-15 nineteen projects were funded by the European Commission addressing a large diversity of key technological challenges ranging from new radio air interfaces and architectures to core network flexibility based on network virtualization techniques.

The European Commission published a call for proposals for phase 2 in September 2015. The call opened in May 2016 with a deadline for submission of proposals on 8th November 2016. The second phase builds up on phase 1 and targets a move towards proof of concepts and experiments. It seeks to actively involve the vertical industries, which are anticipated to be part of the main users of future 5G networks.

A global cooperation with a goal to facilitate an international consensus on future 5G standards and spectrum requirements is expected in this open call and European consortia are encouraged to include non-EU partners. In particular in the call text it is stated “International cooperation with clear EU industrial benefits may be considered, preferably with nations having launched strategic 5G initiatives (e.g. China, Japan, South Korea, Taiwan, USA).”

In the frame of Idealist2018, short interviews with international cooperation partners based in the mentioned Countries have been carried out in order to provide relevant information on 5G in those Countries and make easier the connection between European and relevant Third Countries organizations:

1: What are the main initiatives on 5G in your country?

2: A number of non-EU/non-Associated Countries that are not automatically eligible for funding have made specific provisions for making funding available for their participants in Horizon 2020 projects. Are there any specific funding provisions for organizations from your country for participating in H2020 projects?

3: Main Contact or relevant initiatives?



1. The main initiative related to 5G is [China's IMT-2020 \(5G\) promotion group](#), jointly established in February 2013 by the Ministry of Industry and Information Technology (MIIT), the National Development and Reform Commission (NDRC) and the Ministry of Science and Technology (MOST) to promote 5G technology research in China and to facilitate international communication and cooperation.

2. Under the co-funding mechanism (CFM) set up by the Joint Declaration on developing 5G networks technology signed with China in September 2015, up to 200 million RMB, or 28 million euro, are made available annually by the Chinese Ministry of Science and Technology (MOST) for the benefit of China-based entities that will participate in joint projects with European partners under Horizon 2020.

More information is available at:

http://ec.europa.eu/research/participants/data/ref/h2020/other/hi/h2020_localsupp_china_en.pdf

3. Mr. Li Ruiguo - Ministry of Science and Technology (MOST) Email: lirg@cncbd.org.cn or hzs_ozc@most.cn; Mr. Dong Keqin - China Science and Technology Exchange Center (CSTEC) E-mail: dongkq@cstec.org.cn



1. The main initiative in Japan on 5G is the Fifth Generation Mobile Communications Promotion Forum (5GMF): <http://5gmf.jp/>

5G has been a focus of the previous EU-Japan coordinated calls in Horizon 2020, where the Japanese Ministry for Information and Communications (MIC) has been providing joint funding.

The EU and Japan have also an agreement regarding this topic: <https://ec.europa.eu/digital-single-market/en/news/eu-and-japan-announce-cooperation-5g-mobile-technology>

2. There is no specific funding provision in the H2020 ICT Workprogram for Japanese organisations that wish to participate in the 2 calls ICT-07 and ICT-08.

It is recommended they bring their own funding.

3. Mr Stijn LAMBRECHT - EU-Japan Centre for Industrial Cooperation

Email: stijn.lambrecht@eu-japan.gr.jp

Website: www.eu-japan.eu



1. The Ministry of Science, ICT and Future Planning and mobile industries in Korea has established in 2013 a 5G Forum (www.5gforum.org). 5G Forum aims to become the leading force in the development of next-generation communications technology and contribute to the momentum of economic growth through the development of industrial ICT.

2. Since South Korea in the H2020 program is a 3rd country and self-funded, the two Korean government funding agencies provide specific funding provisions for participating in H2020 projects. The National Research Foundation (NRF) supports each H2020 project up to 150M Korean Won each year, and the Korea Institute for Advancement of Technology (KIAT) funds each project up to 500M Korean Won each year.

3. Dr Oh-Cheon KWON - KIC-Europe/ETRI (Electronics & Telecommunications Research Institute) Email: ockwon@etri.re.kr - Website: <http://www.etri.re.kr>



1. Since 2014, Taiwan government has actively built strategic partnerships with industry and research institutes, while investing in relevant pilot research projects and expanding international cooperation in 5G. The Ministry of Economic Affairs (MOEA) has actively assisted enterprises in promoting international standardization and global cooperation to ensure Taiwan gains a favourable position among the competition. The goals set for 2020 are to make Taiwan the largest supplier for 5G terminal devices and to register up 4% of 5G standard core patents all around the world (2.4 TWD bln investment in 5G R&D in 2017 – 2020 is expected).

2. MOEA has been encouraging and facilitating Taiwanese companies to participate in the European research and innovation projects such as H2020 (incl. 5G ICT topics). Companies who have successfully participated in the projects are eligible to apply for MOEA funding, which can cover up to 50% of their R&D budget for the projects. For more information, please refer to the following link:

<https://eutwnet.itri.org.tw/eng/index.aspx>

Further support is available for Taiwanese scholars and researchers from the Ministry of Science & Technology (MoST). Please refer to the following link for more information:

<https://www.ncp.tw/en/index.php?id=ae4517807a7a3708da1dd211f3d3e9a4>

3. Elena Hung - National Applied Research Laboratories, NARLabs, Email: elin@narlabs.org.tw – website <http://www.narlabs.org.tw>



1. Through an investment of \$400 million, the White House recently announced the initiative for advanced wireless research, which will be led by the National Science Foundation (NSF). The NSF will be involved in establishing city-sized research platforms for wireless communications, supporting fundamental research while US Ignite, a public-private partnership created in 2015, will offer incentives for gigabit networking technology developments. NSF also funds testbeds and research platforms for prototyping advanced wireless network systems, through a new multi-year effort called Platforms for Advanced Wireless Research (PAWR). In addition to its support for the testing platforms and fundamental research, the NSF is also announcing further actions, such as the launch of two prize challenges to enhance wireless broadband connectivity. Another major American stakeholder which has signed an MoU with the European 5G PPP is the 5G Americas (www.5gamericas.org), an industry trade organization composed of leading telecommunications service providers and manufacturers.

2. There is no specific funding provision for American organisations. It is recommended they bring their own funding.

3. DISCOVERY Project: <http://discoveryproject.eu/>
PICASSO Project: <http://www.picasso-project.eu/>

For more information and updates on International Cooperation in 5G, please refer to: <https://ec.europa.eu/digital-single-market/en/towards-5g>

UK participation in H2020

The UK government has now confirmed that UK participation in H2020 will continue to be funded after the UK leaves the EU, for proposals selected for funding up to that time. The UK Treasury announced in August 2016 that it will underwrite the payment of such grants. This includes funding for projects scheduled to continue after the UK's departure from the EU. The new UK Prime Minister has said that the UK will not initiate the exit negotiations during 2016, so the guarantee will cover proposals submitted at least until the end of 2018. Please find the link to the full statement which was issued by the UK Treasury here:

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/545767/CST_letter_to_SoS_for_DExEU_August_2016.PDF

Handling of Swiss Participants in Horizon 2020 Consortia

Since 2014, and until December 2016, Switzerland is partially associated to Horizon 2020: considered as an Associated Country to programmes in pillar I and considered as a third country to programmes in pillars II and III. The Swiss partners who had their proposal accepted in pillar II or III had their costs funded by the Swiss government.

Anticipating the end of this partial association, in July 2016 the Swiss State Secretariat for Education, Research and Innovation (SERI) has published new guidelines for Swiss partners applying to Horizon 2020. In particular:

1. The Swiss participant should request her/his budget from the EC as if they will be fully associated (and not set the EC requested contribution to 0 as was previously the case for proposals in pillar II or III).
2. For collaborative projects, to ensure eligibility of the proposal, the consortium should consist of at least 3 organisations from different EU Member States or Associated countries in addition to the Swiss partner. This measure will ensure that the project proposal is eligible in case Switzerland will not be associated from January 2017.

Fall back scenario:

Should Switzerland not be fully associated from 2017, the Swiss federal government will strive to find a solution for the proposals positively evaluated. In particular for pillars II and III the federal government will take necessary measures to cover the expenses of Swiss project partners.

The full communication is available under:

https://www.euresearch.ch/fileadmin/redacteur/SERI/SERI_Factsheet_update_17_Aug_16__E_.pdf

In case of any doubts, do not hesitate to contact the Euresearch's Regional Offices:

<https://www.euresearch.ch/en/about-euresearch/contacts/>

or the Swiss ICT National Contact Points:

ict@euresearch.ch

Call for mentors for the European Commission programme Copernicus Accelerator

The European Commission has launched a new and unprecedented initiative that connects high-level professionals with forward-thinking entrepreneurs. Copernicus Accelerator is now looking for mentors with expertise in the realms of Earth observation, ICT, mobile industry, and more who are interested in providing a dedicated, eight-month long remunerated coaching service. Mentors will support the talented minds chosen as finalists in the Copernicus Masters competition in turning their Earth observation applications into reality and contributing to society and business through their ground-breaking solutions. The application deadline is 16 September.



More: <http://copernicus-masters.com/index.php?kat=copacc.html&anzeige=copacc-mentors.html>

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<https://www.linkedin.com/company/ideal-ist-eu>



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