



Dear Reader,

Ideal-ist consortium wishes you a happy, prosperous and successful New Year 2014!

Team Ideal-ist is glad to present to you the January 2014 Edition of the project newsletter. Starting with this edition we are going to provide specific and valuable information on the ICT sector in the Horizon 2020 funding programme of the European Commission. Introduction to the already published new ICT work programme, topics open under the new calls including proposal submission details are provided in this edition.

This edition also includes an article on how to connect to the independent experts for European research and innovation, announces Ideal-ist partner search platform open for H2020 calls, and provides insight into Future & Emerging Technologies (FET) Information Day.

Another key highlight in this edition is Ideal-ist's participation in one of the world's largest ICT Brokerage Events organized by Ideal-ist's partner – Enterprise Europe Network (EEN) titled 'Future Match 2014' scheduled in March 2014 at Hannover, Germany.

The edition will conclude with handy updates on the upcoming ICT events especially the ones organised by the European Commission announcing the H2020 open calls.

If you are interested in obtaining up-to-date information on Ideal-ist services and next editions of Ideal-ist newsletters please subscribe to our mailing list at <http://www.Ideal-ist.eu/user/register/newsletter>

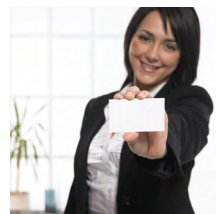
We hope you will enjoy reading this edition!



Launching of Horizon 2020 with €15 billion for the first two years



Main features of the First ICT - LEIT Work Programme



H2020-ICT-2014-1 – Calls for Proposals and Topics Open



Ideal-ist Partner Search Platform is open for partner Searches for H2020 ICT Open Calls



Recently held & Upcoming ICT events organized by the European Commission



Future & Emerging Technologies (FET) in Horizon 2020 - Information Day



Ideal-ist at Future Match 2014 Brokerage Event, Hannover, Germany



Connect to the independent experts for European Research and Innovation

Other Upcoming Events

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Launching of Horizon 2020 with €15 billion for the first two years



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**CALLS IN THE 2014 BUDGET
ALONE ARE WORTH AROUND
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INDUSTRIAL LEADERSHIP &
SOCIETAL CHALLENGES**
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European Commission has for the first time presented calls for projects under Horizon 2020, the European Union's €70 billion research and innovation programme. Horizon 2020 offers a large variety of funding opportunities for research and innovation activities through calls for proposals that are set out in the Horizon 2020 work programme. Worth more than €15 billion over the first two years, the funding is intended to help boost Europe's knowledge-driven economy, and tackle issues that will make a difference in people's lives. This includes 12 areas that will be a focus for action in 2014/2015, including topics such as personalized healthcare, digital security and smart cities.

Calls in the 2014 budget alone are worth around €7.8 billion, with funding focused on the three key pillars of Horizon 2020:

- ▶ **Excellent Science:** Around €3 billion, including €1.7 billion for grants from the European Research Council for top scientists and €800 million for Marie Skłodowska-Curie fellowships for younger researchers.
- ▶ **Industrial Leadership:** €1.8 billion to support Europe's industrial leadership in areas like ICT, nanotechnologies, advanced manufacturing, robotics, biotechnologies and space.
- ▶ **Societal challenges:** €2.8 billion for innovative projects addressing Horizon 2020's seven societal challenges, broadly: health; agriculture, maritime and bio economy; energy; transport; climate action, environment, resource efficiency and raw materials; reflective societies; and security.

For more information:

<http://ec.europa.eu/programmes/horizon2020/en>; <http://ec.europa.eu/research/participants/portal/desktop/en/home.html>;
http://europa.eu/rapid/press-release_MEMO-13-1122_en.htm

Main features of the First ICT-Leadership in Enabling and Industrial Technologies (LEIT) Work Programme



The first ICT-Leadership in Enabling and Industrial Technologies (LEIT) Work Programme under H2020 provides a balanced response to the main challenges faced by Europe in the field: firstly, the need to maintain a strong expertise in key technology value chains; secondly, the necessity to move quicker from research excellence to the market.

It combines a strong support to industrial roadmaps with new mechanisms to encourage disruptive innovation. The former will reinforce medium to long term commitment to industrial strategies and provide continuity and stability. The latter will offer flexibility and openness and will help develop dynamic eco-systems in which innovators can operate. Both strands will require the involvement of new actors, on one hand to exploit and leverage new technologies and on the other to initiate and drive change.

Six main activity lines have been identified in the ICT-LEIT part of the Work Programme:

1. A new generation of components and systems
2. Advanced Computing
3. Future Internet
4. Content technologies and information management
5. Robotics
6. Micro and nano-electronic technologies, Photonics

In addition, the Work Programme features several cross-cutting topics addressing cyber-security, Internet of Things and research on a Human-centric Digital Age. All activities are complemented with support to innovation and take-up, international cooperation and a dedicated action for SMEs to propose bottom-up innovative ideas, using the SME instrument.

[*Download Work Programme*](#)

H2020-ICT-2014-1 – Calls for Proposals and Topics Open

Publication date: 2013-12-11

Deadline Date: 2014-04-23 +17:00:00 (Brussels local time)

Budget: €658,500,000

Topics open are the following:

ICT-01-2014: Smart Cyber-Physical Systems

ICT-02-2014: Smart System Integration

ICT-03-2014: Advanced Thin, Organic and Large Area Electronics (TOLAE) technologies

ICT-05-2014: Smart Networks and novel Internet Architectures

ICT-06-2014: Smart optical and wireless network technologies

ICT-07-2014: Advanced Cloud Infrastructures and Services

ICT-09-2014: Tools and Methods for Software Development

ICT-11-2014: FIRE+ (Future Internet Research & Experimentation)

ICT-13-2014: Web Entrepreneurship

ICT-15-2014: Big data and Open Data Innovation and take-up

ICT-17-2014: Cracking the language barrier

ICT-18-2014: Support the growth of ICT innovative Creative Industries SMEs

ICT-21-2014: Advanced digital gaming/gamification technologies

ICT-22-2014: Multimodal and Natural computer interaction

ICT-23-2014: Robotics

ICT-26-2014: Photonics KET

ICT-29-2014: Development of novel materials and systems for OLED lighting

ICT-31-2014: Human-centric Digital Age

ICT-32-2014: Cybersecurity, Trustworthy ICT

ICT-33-2014: Trans-national co-operation among National Contact Points

ICT-35-2014: Innovation and Entrepreneurship Support



For more info: Refer to calls open

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html>

Ideal-ist Partner Search Platform is open for partner Searches for H2020 ICT Open Calls



Ideal-ist Partner Search platform is open for new partner searches related to the H2020 open Calls for proposals since December 2013:

- ▶ H2020-ICT-2014-1 with deadline **23 April 2014**
- ▶ H2020-ICT-14-2014 - Advanced 5G Network Infrastructure for the Future Internet with deadline **25 Nov 2014**
- ▶ H2020-ICT-37-2014 Open Disruptive Innovation Scheme (ODI) with Phase 1 deadlines: **18 June 2014, 24 Sept 2014 & 17 Dec 2014**; Phase 2 deadlines: **9 Oct 2014 & 17 Dec 2014**.

Submit your partner search or view open partner searches on:

<http://www.ideal-ist.eu/partner-search/pssearch>

Recently held and Upcoming ICT events organized by the European Commission

Information Day for Horizon 2020 Call 1 and 2 Objective: ICT 23 and ICT 24 **Robotics**

13 – 14 Jan 2014, Luxembourg

<http://ec.europa.eu/digital-agenda/en/news/information-day-horizon-2020-call-1-and-2-objective-ict-23-and-ict-24-robotics>

Information Day on **Digital Security**

15 Jan 2014, Brussels Belgium

<http://ec.europa.eu/digital-agenda/en/news/h2020-information-day-digital-security-cybersecurity-privacy-and-trustworthy-ict>

Information and networking days on H2020 Work Programme 2014-2015, **Connecting Europe Facility and Big Data**

15 – 16 Jan 2014, Luxembourg

<http://ec.europa.eu/digital-agenda/en/news/information-and-networking-days-h2020-work-programme-2014-2015-connecting-europe-facility>

ICT Research and Innovation for **Creative Industries and Cultural Heritage**: Horizon 2020 Information and Networking Day

23 Jan 2014, Luxembourg

http://cordis.europa.eu/fp7/ict/creativity/call1-infoday_en.html

Info day and Networking opportunities - Finding partners for future **PCP and PPI calls**

23 Jan 2014, Brussels

http://cordis.europa.eu/fp7/ict/pcp/events_en.html
<http://cordis.europa.eu/fp7/ict/pcp/docs/agenda.pdf>

Photonics in the first calls of Horizon 2020: A Networking and Information Day

16 Jan 2014, Brussels, Belgium

<http://www.ideal-ist.eu/event/photonics-first-calls-horizon-2020-networking-and-information-day>

Information Day Horizon 2020 - **Future Internet**

31 Jan 2014, Brussels Belgium

<http://ec.europa.eu/digital-agenda/en/news/information-day-horizon-2020-future-internet>

Information and Networking event on **Organic Electronics**

14 Feb 2014, Brussels, Belgium

<http://www.ideal-ist.eu/event/information-and-networking-event-organic-electronics>

Info Day – **Socio-economic Sciences and Humanities (SSH) Expertise and Responsible Research and Innovation (RRI)**

Actions for ICT-Related Topics in Horizon 2020's Work Programmes 2014-2015

21 Jan 2014, Brussels, Belgium

<http://ec.europa.eu/digital-agenda/en/news/21012014-info-day-%E2%80%93-socio-economic-sciences-and-humanities-ssh-expertise-and-responsible>

Info day on **Open Disruptive Innovation & Innovation and Entrepreneurship Support** in the Horizon 2020 Work Programme

24 Jan 2014, Brussels (Albert Borschette Conference Center, Rue Froissart 36, room AB)

<http://ec.europa.eu/digital-agenda/en/news/info-day-open-disruptive-innovation-innovation-and-entrepreneurship-support-horizon-2020-work>

Info day on **Gaming technologies and Natural Computer Interaction** in H2020

06 Feb 2014, Jean Monnet Building, rue Alcide de Gasperi, Luxembourg

<http://ec.europa.eu/digital-agenda/en/news/horizon-2020-information-and-networking-day>

H2020 Info Day: **Innovation and Public Sector**

10 Feb 2014, Brussels, Belgium

<http://ec.europa.eu/digital-agenda/en/news/h2020-info-day-innovation-and-public-sector>



Future & Emerging Technologies (FET) in Horizon 2020 - Information Day

FET is organizing an Information Day for the Work Programme 2014-15 on 20 January 2014 in Brussels to present the following:

- ▶ *'Global Systems Science' (GSS)* - Contact: *Ivica Cubic*
- ▶ *'Knowing, doing and being: cognition beyond problem solving' (KnoDoBe)* - Contact: *Teresa De Martino and Christiane Wilzeck*
- ▶ *'Quantum simulation'* - Contact: *Roumen Borissov*
- ▶ FET-Flagship *'Framework Partnership Agreements (FPA)' and 'Policy environment for FET Flagships (CSA)'* - Contact: *François Junique*



The deadline for submissions of project proposals for **FET Proactive initiative is 1 April 2014, for FET flagship is 10 April 2014**. At the Information day there will also be a brief presentation on the FET-Open and Coordination and Support Actions (CSA) topics, for which the deadline for submission of proposals will be 30 Sept 2014.

The Information day will take place at the **Diamant Conference & Business Centre**. The meeting will start in the morning with general presentations and will continue in the afternoon with breakout networking sessions.

The event is an opportunity to learn about the new FET-Proactive initiatives, the FET-Flagships as well as about other initiatives, which are not part of the current call, like FET-Open, CSA, and HPC. You will also have the opportunity to hear about possible new ideas for projects and to share your ideas or just to present yourself and your expertise in a networking session.

For more info and to download the agenda please visit:

<http://ec.europa.eu/digital-agenda/en/news/horizon-2020-future-emerging-technologies-fet-information-day>

Ideal-ist at Future Match 2014 Brokerage Event, Hannover, Germany

Participate and explore business and research collaboration opportunities in one of the largest ICT Brokerage Events “**Future Match 2014**” that will be held during the **CeBIT ICT Fair from 10-14 March 2014 at Hannover, Germany in Hall 9, C40**. Future Match 2014 is being organized by the **European Enterprise Network**, the largest business support network in Europe and one of the key partners of Ideal-ist. While CeBIT - the world's leading Fair for ICT in Hannover saw more than 4,000 exhibitors and 280,000 participants in 2013, Future Match 2013 successfully organized 1,250 bilateral meetings among participants from 33 countries. You can register and submit a cooperation profile with a description of your offer or request online at: <http://www.futurematch.cebit.de>.



One of the main highlights of Future Match 2014 will be Ideal-ist, who will offer advisory services on the newly opened ICT calls and topics under Horizon 2020 and you can discuss on how to leverage the Ideal-ist partner search platform.

Read the Ideal-ist profile at <http://www.b2match.eu/futurematch2014/participants/24> and book your meeting before our slots fill up!

For more information and to download the event flyer <http://www.b2match.eu/futurematch2014>

Connect to the independent experts for European Research and Innovation

The European Commission appoints independent experts to assist with research and innovation assignments including the evaluation of proposals, monitoring of projects, and evaluation of programmes, and design of policy.

You could also become an expert if you:

- ▶ have high-level expertise in the relevant fields of research and innovation.
- ▶ are available for occasional, short-term assignments.

Experts, as peer reviewers, will have assignments like,

- ▶ evaluation of proposals

- ▶ monitoring of actions

In addition, experts assist in the preparation, implementation or evaluation of programmes and design of policies. In order to access the expert registration form, you are first asked to login with a valid Participant Portal (ECAS) account. If you do not have it yet, it is easy to *create your Portal (ECAS) account*.



For more info: <http://ec.europa.eu/research/participants/portal4/desktop/en/experts/index.html#>

Other Upcoming Events

2nd COFET Conference
30-31 Jan 2014, Pisa, Italy
<http://www.fet2020.eu/>

Future Match 2014 at CeBIT 2014
10-14 Mar 2014, Hannover, Germany
<http://www.b2match.eu/futurematch2014>

European Robotics Forum 2014
12-14 Mar 2014, Italy
<http://www.eu-nited.net/robotics/index.php?idcat=78&idart=1240>

1st European Conference on the Future Internet – ECFI
2-3 Apr 2014, Brussels, Belgium
<http://www.ecfi.eu/brussels2014/>

Find more information: ideal-ist.eu/events

About Ideal-ist

Ideal-ist is the first and unique quality labeled international ICT partner search network with 16 years experience. The Ideal-ist network consists of 88 partners and National Contact Points (NCPs) from 75 countries in the area of Information and Communications Technologies (ICT). The Consortium members are from EU and Non-EU countries, including Associated States, Eastern European Partner Countries (EEPC), Mediterranean Partner Countries (MPC) and emerging countries like China, Brazil, India and South Africa. Ideal-ist is part funded by the European Commission and supports research organizations and companies worldwide

- ▶ to find partners for their project ideas
- ▶ to join projects and
- ▶ to find services leading them to success in the 7th Framework Programme and H2020 Programme

Find more information: <http://ideal-ist.eu/>