



ICT Pályázati Lehetőségek Horizon 2020-ban

NIH, Külkapcsolatok Főosztálya
MMKlaszter Workshop – Budapest, 2014.11.05



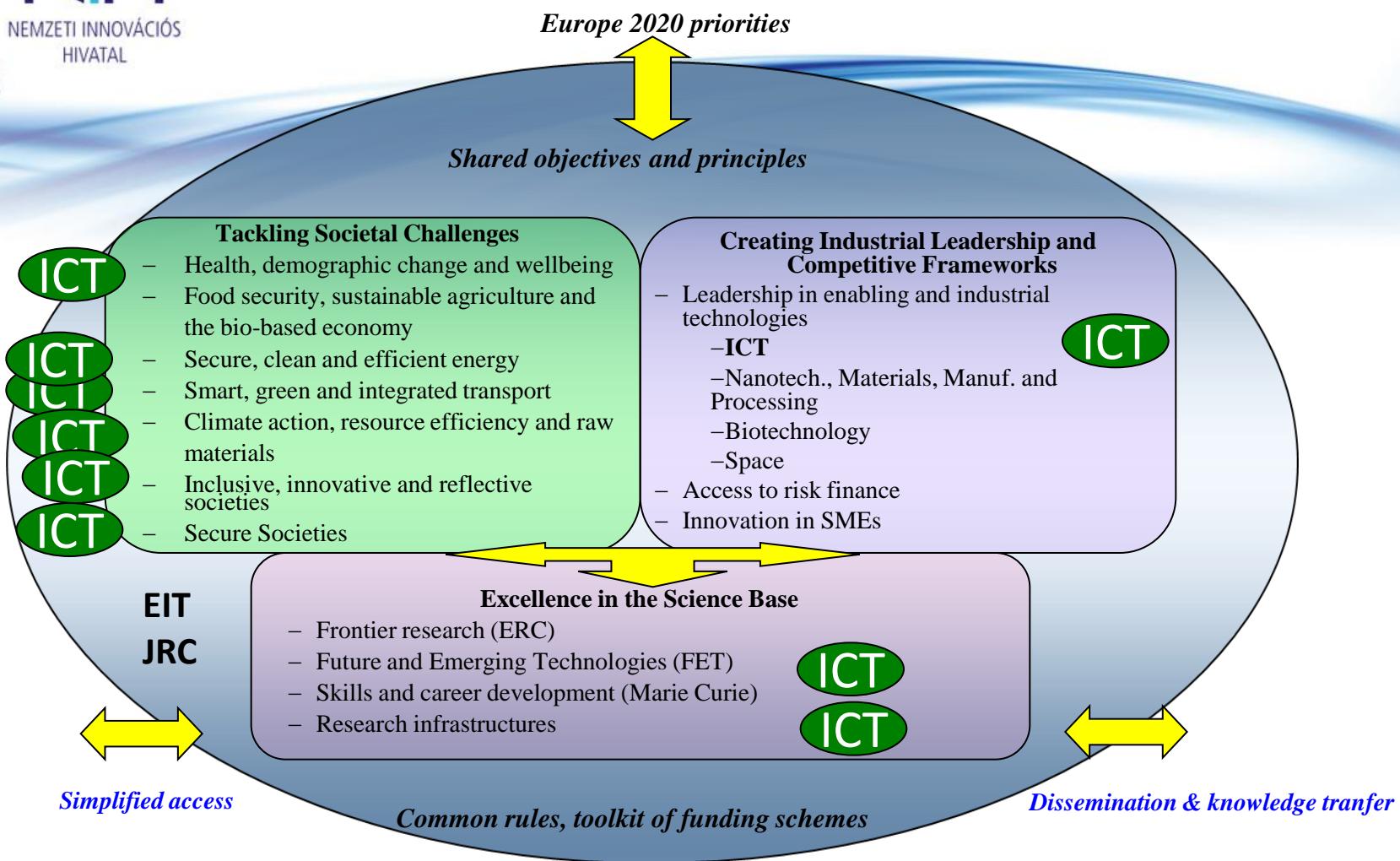
- ICT a pályázati lehetőségek a H2020-ban
- Hol találunk pályázati információt?
- Részvételi feltételek
- Partnerkeresés
- Pályázat benyújtása
- Értékelés

ICT a 3 pillérben



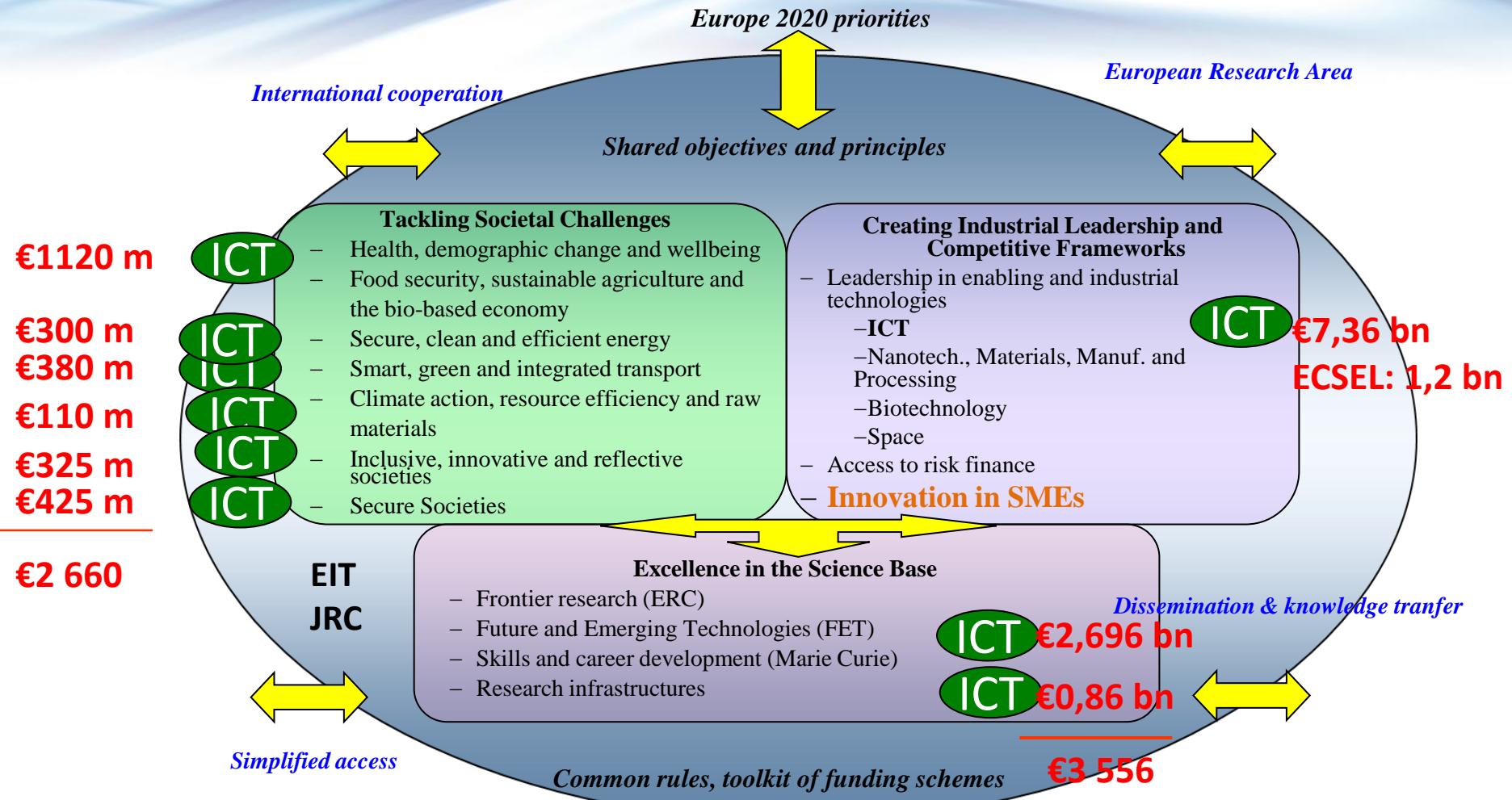


Egyszerűsítés?





ICT in H2020 (€ 13 576)



A guide to ICT-related activities in WP2014-15

http://ec.europa.eu/information_society/newsroom/cf/dae/document.cfm?doc_id=3511

Guide to the presence of ICT in H2020

Find out more:

<http://ec.europa.eu/programmes/horizon2020/>

A guide to ICT-related activities in WP2014-15:

http://ec.europa.eu/information_society/newsroom/cf/da/document.cfm?doc_id=3511

H2020 launched first calls:

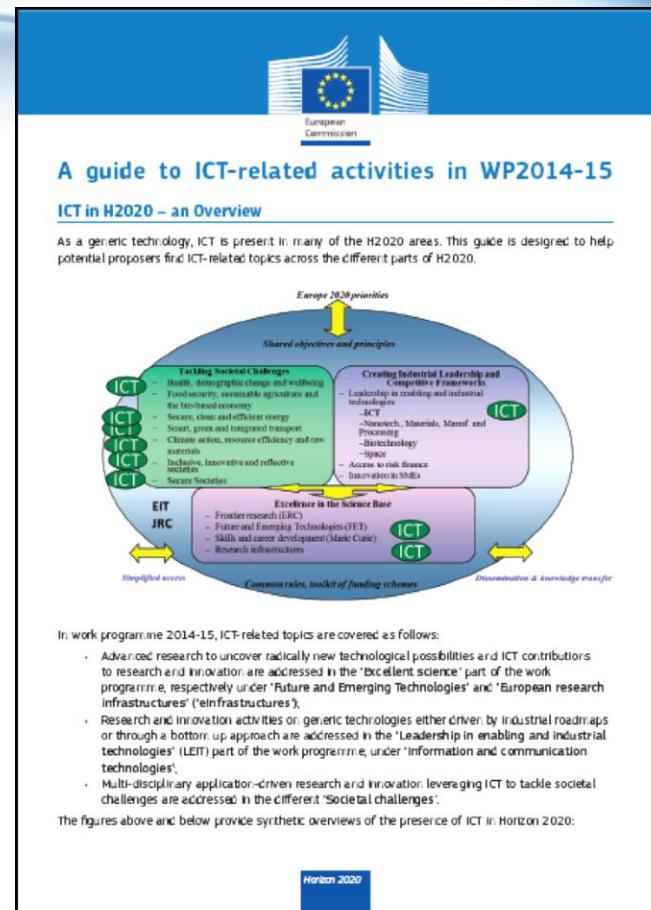
<http://ec.europa.eu/programmes/horizon2020/en/news/horizon-2020-launched-%E2%82%AC15-billion-over-first-two-years>

H2020 Calls published, see here:

[https://ec.europa.eu/research/participants/portal/desktop/enopportunities/h2020/master_calls.html#h2020-fof-2014-2015](https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/master_calls.html#h2020-fof-2014-2015)

The Participant Portal:

<https://ec.europa.eu/research/participants/portal/desktop/en/home.html>



http://ec.europa.eu/information_society/newsroom/cf/dae/document.cfm?doc_id=3511

ICT in Industrial leadership





Call planning overview, LEIT

- **H2020-ICT-2014 (ICT Call 1)**
 - Publication date: 11 December 2013
 - Deadline: **23 April 2014** (all topics except 5G Future Internet)
 - Deadline for 5G Future Internet: **25 November 2014**
- **H2020-FoF-2014/2015 (Factory of the Future)**
 - Publication date: 11 December 2013
 - Deadlines: **13 March 2014** and **9 December 2014**
- H2020-EUJ-2014 (EU-Japan Call)
 - Publication date: 7 January 2014
 - Deadline: 10 April 2014
- **H2020-ICT-2015 (ICT Call 2)**
 - Publication date: 15 October 2014
 - Deadline: **14 April 2015**
- **H2020-EUB-2015 (EU-Brazil Call)**
 - Publication date: 15 October 2014
 - Deadline: **21 April 2015**



1. Components and systems -12%
 2. Advanced Computing - 3%
 3. Future Internet-21%
 4. Content technologies and information management -14%
 5. Robotics - 8%
 6. Key Enabling Technologies: Micro-nano-electronics and photonics - 21%
- + Factory of the Future cPPP – 6%
- + International Cooperation actions (EU-Brazil, EU-Japan) – 1%

ICT Cross cutting activities: -5%

- Internet of Things
- Human-centric Digital Age
- Cybersecurity
- Support to NCPs

ICT Innovation actions – 9%

- Access to finance
- Innovation policy support
- Open disruptive innovation scheme (SME instrument) -5%



- **ICT in 'Leadership in Enabling and Industrial Technologies'**
- **Advanced Computing**
 - **ICT 4 – 2015:** Customised and low power computing
- **Future Internet**
 - **ICT 8 – 2015:** Boosting public sector productivity and innovation through cloud computing services
 - **ICT 10 – 2015:** Collective Awareness Platforms for Sustainability and Social Innovation
 - **ICT 12 – 2015:** More experimentation for the Future Internet
- **Content technologies and information management**
 - **ICT 16 – 2015:** **Big data - research**
 - **ICT 19 – 2015:** **Technologies for creative industries, social media and convergence**
 - **ICT 20 – 2015:** **Technologies for better human learning and teaching**
- **Robotics**
 - **ICT 24 – 2015:** Robotics



- **ICT in 'Leadership in Enabling and Industrial Technologies'**
- **Robotics**
 - ICT 24 – 2015: Robotics
- **Micro- and nano-electronic technologies, Photonics**
 - ICT 25 – 2015: Generic micro- and nano-electronic technologies
 - ICT 27 – 2015: Photonics KET
 - ICT 28 – 2015: Cross-cutting ICT KETs
- **ICT Cross-Cutting Activities**
 - ICT 30 – 2015: Internet of Things and Platforms for Connected Smart Objects
- **Horizontal ICT Innovation actions**
 - ICT 34 – 2015: Support for access to finance
 - **ICT 36 – 2015:** Pre-commercial procurement open to all areas of public interest requiring new ICT solutions
 - **ICT 37 - 2014-15:** Open Disruptive Innovation Scheme (implemented through the SME instrument)



Implementation: SME instrument

Budget: 90M € for 2014-15

Funding: 70% of eligible cost

Scope: No restriction on ICT area

"Disruptive ICT innovation":

Innovative ICT concept, product and service applying new sets of rules, values and models which ultimately disrupt existing markets

Cut off dates:



H2020-SMEInst-2014-2015

[H2020-SMEINST-1-2014](#)

[H2020-SMEINST-1-2015](#)

[H2020-SMEINST-2-2015](#)

[H2020-SMEINST-2-2014](#)

ODI-ICT37 call cut-off dates:

Phase 1:

18/06/2014;

24/09/2014;

17/12/2014;

18/03/2015;

17/06/2015;

17/09/2015;

16/12/2015

Phase 2: 09/10/2014;

17/12/2014;

18/03/2015;

17/06/2015;

17/09/2015;

16/12/2015



EU ICT-ODI információs nap

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

1 - Introduction

2 - Advice on writing a good proposal

3 - Open Disruptive Innovation and SME Instrument (Call ICT- 37-2014)

4 - Innovation and Entrepreneurship Support (Call ICT- 35 -2014)

Q&A ODI/SME Instrument



Open Disruptive Innovation (ODI)
&
the SME instrument:
Frequently Asked Questions

I. The concept in a nutshell

The SME instrument is targeted at all types of innovative SMEs showing a strong ambition to develop, grow and internationalise. It provides staged support covering the whole innovation cycle in three phases complemented by a mentoring and coaching service. Transition from one phase to the next will be seamless provided the SME project proves to be worth further support in a further evaluation. Each phase is open to new entrants.

Phase I: Concept and feasibility assessment

Objective: SMEs will receive funding to explore and assess the technical and technological feasibility and the commercial potential/economic viability of a breakthrough idea (proof of concept) with considerable novelty to the industry sector in which it is presented (new products, processes, services and technologies) or new market applications of existing technologies. The activities could, for example, comprise risk assessment, market study, user involvement, Intellectual Property management, innovation strategy development, partner search, feasibility of concept and the like to establish a solid high-potential innovation project aligned to the enterprise strategy and with a European dimension. Bottlenecks in the ability to increase profitability of the enterprise through innovation shall be detected and analysed during phase 1 and addressed during phase 2 to increase the return on investment in innovation activity.

Result: The outcome of this part will be a report ('Business innovation plan' II). The results of this feasibility assessment could be that solutions already exist on the market (no further funding required), or that known existing know-how or IPR could solve the problem (no further funding required).

ICT in Societal challenges





SC6

Europe in a changing world – inclusive, innovative and reflective Societies

INCLUSIVE

INNOVATIVE

REFLECTIVE SOCIETIES



REFLECTIVE SOCIETIES

- REFLECTIVE-11-2015: Enabling Innovation - Creating Impact from Social Sciences and Humanities
- REFLECTIVE-2-2015: Emergence and transmission of European cultural heritage and Europeanisation
- REFLECTIVE-3-2015: European cohesion, regional and urban policies and the perceptions of Europe
- REFLECTIVE-4-2015: Cultural opposition in the former socialist countries
- REFLECTIVE-5-2015: The cultural heritage of war in contemporary Europe
- REFLECTIVE-8-2015: Communication and dissemination platform



ICT in 3rd Pillar – Societies

SC6 - Europe in a changing world - Innovative, inclusive and reflective societies. ICTs are contributing with specific topics of the third and the fifth of these calls:

- 'Reflective societies: cultural heritage and European identities' (REFLECTIVE),
- 'New forms of innovation' (INSO).

In '**Reflective societies: cultural heritage and European identities**', two topics deal with the use of ICT for the access to and the exploitation of cultural assets:

- **REFLECTIVE 6 – 2015: Innovation ecosystems of digital cultural assets**
- REFLECTIVE 7 – 2014: Advanced 3D modelling for accessing and understanding European cultural assets

In '**New forms of innovation**', three topics address the role of ICT in modernising the public sector:

- INSO 1 - 2015: **Innovation in the public sector** by using emerging ICT technologies
- INSO 2 – 2014, 2015: **ICT-enabled open government**
- INSO 9 – 2014, 2015: **Innovative mobile e-government applications by SMEs**

It is also proposed to have a coordination and support action in the area of ICT for learning and inclusion:

- INSO 6 - 2014: Platform for ICT for Learning and Inclusion



HORIZON 2020 WP 2014 – 2015

*Europe in a changing world – inclusive, innovative and reflective
Societies*

Reflective Societies: Cultural Heritage and European Identities

**REFLECTIVE 6 - 2015:
Innovation ecosystems of digital cultural assets**



Specific Challenge:

Show how digital cultural resources can promote creativity and generate innovation in research design and methodology, lead to richer interpretations of the past, bring new perspectives to questions of identity and culture, and generate societal and economic benefits.





Scope:

Support and promote access to and reuse of digital cultural heritage resources (available in scientific collections, archives, museums, libraries and cultural heritage sites)





Scope:

Projects should enable new models and demonstrations of the analysis, interpretation and understanding of Europe's cultural and intellectual history and/or capitalising on state of the art technologies (e.g. mobile and wearable devices)

bring cultural content to new audiences in novel ways, through the development of new environments, applications, tools, and services for digital cultural resources in scientific collections, archives, museums, libraries and cultural heritage sites.





End Users:

The developed technologies or services should be generated in the context of humanities research perspectives (identity, culture, questions of place, historical and cultural knowledge) and/or facilitate the access, reuse and exploitation of digital cultural resources meeting real user needs.





Collaboration:

They should illustrate how they allow new research questions to be formulated on the basis of cross-collaboration and/or stimulate cross-border, cross-lingual multi-disciplinary reuse of Europe's cultural heritage, enabling collaboration and partnerships and co-production of knowledge across sectors and communities of researchers and users.





Re-Use:

Proposals should demonstrate appropriate methods of re-using and repurposing digital assets, paving the way for wider exploitation of Europe's cultural resources and boosting innovation.





Expected impact: Activities under this topic will:

- Stimulate new research perspectives for the humanities and social science communities, promote further the use of digital cultural heritage allowing its reinterpretation towards the development of a new shared culture in Europe.
- Provide innovative and creative methods for approaching cultural assets and generate applications and services to access and exploit the rich and diverse European digital cultural heritage in a sustainable way.
- Foster collaboration between those with primary expertise in the interpretation of cultural data and researchers with complementary expertise in digital and interactive frameworks.



Innovation actions

Description: Action primarily consisting of activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services. For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.

Funding rate: 70% (except for non-profit legal entities, where a rate of 100% applies)

Innovation ecosystems of digital cultural assets

Action: Innovation Actions

Project size: expected (2-4 M€ funding)

Indicative budget: 10 M€

Opening: 10 December 2014

Deadline: 28 May 2015 at 17.00 Brussels time



View Partner Searches

Launch a New Partner Search

Opportunity finder

Find your Representative

Ideal-ist addresses ICT companies and research organizations worldwide wishing to find project partners for a participation in the Horizon 2020 program of the European Commission. Ideal-ist offers a unique and quality-labelled Partner Search and other services helping to ease participation in Horizon 2020. Learn more [About ideal-ist](#)



Open calls

[View All](#)

- » H2020 – EU-JAPAN – 2014
Close date:
10/04/2014
- » H2020 – FoF – 2014/2015



Recently Published
Partner Searches

- » PS-AT-89331:
K4FoF
- » PS-SK-89303:
[EuroLangNet 21+3]
European network
21+3 NL



In QA process

- » PS-NO-89154:
Inclusive-MT
- » PS-NO-89152:
Inclusive-MT

[View All](#)



ICT Events

[View All](#)

- » European Data Forum
2014
- » Future Internet
Assembly



IST News



Rendezvények

- ICT Proposers Day
Florence, Italy
Oct 9-10, 2014

Projekt ötletek:

<https://ec.europa.eu/digital-agenda/events/cf/ictpd14/item-display.cfm?id=12674>

<https://www.youtube.com/watch?v=PPZB0efuV2s>

<https://www.b2match.eu/proposersday2014>



Köszönöm figyelmüket!

Bottka Sándor
ICT Programbizottság
Nemzeti Innovációs Hivatal
Sandor.Bottka@ist.hu

Németh Edina
ICT és FET Nemzeti Kapcsolattartó
Nemzeti Innovációs Hivatal
Edina.Nemeth@ist.hu