



HORIZON 2020

Rámcový program EU pro výzkum a inovace 2014 - 2020

www.vscht.cz

KAMPUŠ

KAMPUŠ, EUPRO II, LE12005

 **VŠCHT
PRAHA**

Ing. Anna Mittnerová
anna.mittnerova@vscht.cz

HORIZON 2020, 2014-2020, 80 mld. €

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

The screenshot shows the Horizon 2020 website homepage. The browser address bar displays <http://ec.europa.eu/programmes/horizon2020/en/>. The page header includes the European Commission logo and the title "The EU Framework Programme for Research and Innovation". A navigation menu contains links for Home, What is Horizon 2020?, Find Your area, How to Get funding?, News & Events, Multimedia & Publications, and Project Stories. The main content area features several key sections: a "What is Horizon 2020?" section with a globe icon, a "Find Your area" section with a magnifying glass icon, a "Horizon 2020 Programme" section with a document icon, and a "How to Get funding?" section with a document icon. A central banner highlights "Horizon 2020 launched with €15 billion over first two years" with a background image of silhouettes and mathematical formulas. Below this is a "News & Events" section titled "National Launch Events and Thematic Events for Horizon 2020" with a date range from Wed, 8 Jan 2014 to Mon, 31 Mar 2014. On the right side, there is a search bar, a "Project Stories" section, a "Multimedia & Publications" section, and a social media section for "#H2020" featuring a tweet from Felix Leinemann. A vertical "YOUR FEEDBACK" button is located on the far right. The Windows taskbar at the bottom shows the system tray with the date 12.1.2014 and time 7:09.

Horizon 2020

- the Framework Programme for Research and Innovation (2014-2020)

1. Excellent Science

European Research Council

Future and Emerging Technologies

Marie Curie Actions

Research Infrastructures

2. Industrial Leadership

Leadership in Enabling & Industrial Technologies

- information and communication technologies
- nanotechnologies
- advanced materials
- biotechnology
- advanced manufacturing and processing
- space

Access to Risk Finance

Innovation in SME

3. Societal Challenges

7 Challenges

- Health, Demographic Change and Wellbeing
- Food security, sustainable agriculture, marine and maritime research and the bio- economy
- Secure, Clean and Efficient Energy
- Smart, Green and Integrated Transport
- Climate Action, Resource Efficiency and Raw Materials
- Europe in a changing world: Inclusive, Innovative and Reflective Societies
- Secure Societies – Protecting Freedom and Security of Europe and its Citizens

Joint Research Centre (JRC)

Widening Participation

Science with & for Society

European Institute of Innovation and Technology (EIT)

Joint Programming P2P

Joint Technology Initiatives (JTIs) P2B

Základní pravidla

- Mezinárodní dimenze řešeného úkolu
- Většinou řeší mezinárodní konsorcium
 - min. 3 nezávislé právní subjekty, z nichž každý je usazen v jiném členském státě nebo přidružené zemi
- Výzvy na předkládání projektů, jedno- a dvoukolové
- Pracovní program stanoví kritéria a podrobnosti akce
 - Obecné cíle, problém, který se má řešit,
 - Rozsah činností, očekávané dopady
- Hodnocení návrhů – excelence, dopad, kvalita a efektivita provádění
- Projekty vybrané pro financování - uzavírá se s EC Grantová dohoda a mezi řešiteli Konsorciální dohoda
- Veškerá komunikace probíhá elektronicky „Participant portal“

Financování

Zásada neziskovosti, výdaje efektivní, hospodárné, skutečné

Přímé náklady

- Osobní náklady účastníků
 - Mzda dle výše úvazku v projektu + odměny max. 8000 € na plný úvazek za rok, hrazeny jen produktivní hodiny na akci
- Cestovní náklady
- Ostatní přímé náklady
- Investice
- Subdovávky

Nepřímé náklady (režie)

- sazba 25% z přímých nákladů bez subdodávek

Sazby náhrad EC zpravidla 100% , pro inovační akce 70%

Participant Portal

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

The screenshot shows the homepage of the European Commission's Research & Innovation Participant Portal. At the top left is the European Commission logo. The main header reads "RESEARCH & INNOVATION Participant Portal". Below this is a navigation menu with links: HOME, FUNDING OPPORTUNITIES, HOW TO PARTICIPATE, EXPERTS, and SUPPORT. On the right side of the menu are "LOGIN" and "REGISTER" buttons. A large banner for "Horizon 2020 Funding" is featured, stating "Starting from 1/1/2014". Below the banner, a text block explains that users can find and secure funding for research and innovation projects under EU programmes. It lists two programmes: "2014-2020 Horizon 2020 - research and innovation framework programme" and "2007-2013 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)". The page is divided into two columns of user actions. The "Non-registered users" column includes: search for funding, read the funding guide & download the legal documents, check if an organisation is already registered, and contact support services or check FAQs. The "Registered users" column includes: submit your proposal, sign the grant, and manage your project throughout its lifecycle. At the bottom, there is a row of six icons with corresponding labels: "WHAT'S NEW?", "FUNDING OPPORTUNITIES", "HOW TO PARTICIPATE", "WORK AS AN EXPERT", "MY PERSONAL AREA", and "INFORMATION AND SUPPORT". The footer contains "RESEARCH ON EUROPA", "CORDIS", and "OLAF" on the right, and "© European Communities" on the left.

European Commission

RESEARCH & INNOVATION
Participant Portal

European Commission > Research & Innovation > Participant Portal > Home

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT

LOGIN REGISTER

Horizon 2020 Funding

Starting from 1/1/2014

On this site you can find and secure **funding** for research & innovation projects under the following EU programmes:

- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)

Non-registered users

- search for funding
- read the funding guide & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

Registered users

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle

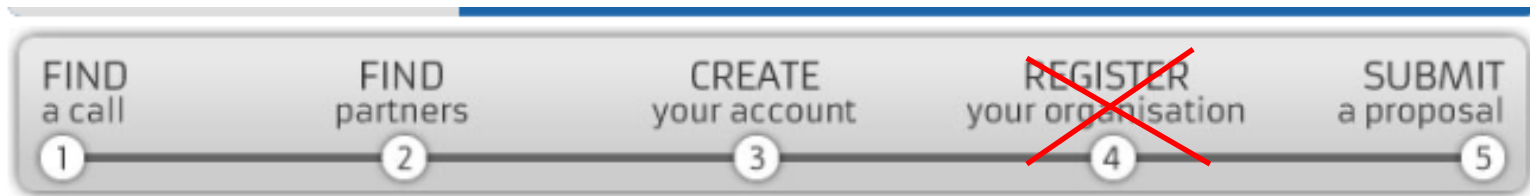
WHAT'S NEW? FUNDING OPPORTUNITIES HOW TO PARTICIPATE WORK AS AN EXPERT MY PERSONAL AREA INFORMATION AND SUPPORT

RESEARCH ON EUROPA CORDIS OLAF

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How to participate

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



- VYSOKA SKOLA CHEMICKO-TECHNOLOGICKA V PRAZE
- PIC: 999867853, ve zkratce: VSCHT
- LEAR – Ing. Anna Mittnerová, Rektorát, Oddělení VaV

- CESKE VYSOKE UCENI TECHNICKE V PRAZE
- PIC: 999848744,
- LEAR – Ing. Pavel Koudelák, PhD., Rektorát

11.12.2013 vyhlášeny výzvy 2014-15

1. Personalising health and care (2014 budget: €549 million)
2. Sustainable food security (2014 budget: €138 million)
3. Blue growth: unlocking the potential of seas and oceans (2014 budget: €100 million)
4. Digital security (2014 budget: €47 million)
5. Smart cities and communities (2014 budget: €92 million)
6. Competitive low-carbon energy (2014 budget: €359 million)
7. Energy Efficiency (2014 budget: €98 million)
8. Mobility for growth (2014 budget: €375 million)
9. Waste: a resource to recycle, reuse and recover raw materials (2014 budget: €73 million)
10. Water innovation: boosting its value for Europe (2014 budget: €67 million)
11. Overcoming the crisis: new ideas, strategies and governance structures for Europe (2014 budget: €35 million)
12. Disaster-resilience: safeguarding and securing society, including adapting to climate change (2014 budget: €72 million)

Industrial leadership

- Key Enabling Technologies (KETs) - nanotechnologies, advanced materials and advanced manufacturing and processing technologies.

Cross cutting issues

- Innovation
- Spreading excellence and widening participation - Teaming, Twinning and ERA Chairs.
- Information and Communications Technology
- Social Sciences and Humanities,
- Gender
- International Cooperation
- Climate Action and Sustainable Development

Excellent Frontier Research – the European Research Council

Marie Skłodowska-Curie Action

Science for policy – the European Commission's Joint Research Centre

EC MEMO/13/1122 z 11.12.2013

[http://europa.eu/rapid/press-release MEMO-13-1122 en.htm](http://europa.eu/rapid/press-release_MEMO-13-1122_en.htm)

Inspirace v projektech 7.RP

VŠCHT Praha – 35 projektů

http://www.vscht.cz/homepage/veda/index/prehledy/erp_prehled

FCHT

prof. Bouzek (JU FCH), prof. Krýsa – koordinuje CL, Ing. Kouřil CL, Ing. Hrdlička LLP

FTOP

Ing. Bartáček, PhD. – Marie Curie

FPBT

prof. Hajšlová, prof. Demnerová, prof. Macek - CL , prof. Moravcová - MCA – ITN

FCHI

prof. Štěpánek – ERC, FET, doc. Kosek , Ing. Friess, PhD. – CL

Rektorát

Mittnerová, Kinzlová, Bartková, Štěpánková, Friessová – CL, ERC, MC Night, CSA, LLP

EXPERTS

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

The screenshot shows the 'Experts' section of the European Commission's Research & Innovation Participant Portal. The page features a navigation bar with links for Home, Funding Opportunities, How to Participate, Experts, and Support. A 'News' section on the left provides information about the H2020 call for experts. The main content area includes a 'New experts' section with a 'Who can be an expert?' sub-section, a 'What do expert assignments involve?' sub-section, and a 'Quick Links' section. A 'REGISTER AS EXPERT' button is prominently displayed. The page also includes a 'H2020 ONLINE MANUAL' link and a 'LOGIN' button.

(A-Z) Sitemap About this site Contact Legal Notice English

RESEARCH & INNOVATION
Participant Portal

European Commission > Research & Innovation > Participant Portal > Experts

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT

LOGIN REGISTER

News

H2020 call for expression for interest for experts (11/2013)
New calls for expression of interest for [individual experts](#) and for [organisations to suggest experts](#) were just published in [OJ C342 of 22 November 2013](#). European Commission will soon need experts to evaluate first Horizon 2020 proposals. Don't forget to tick the H2020 box in the registration platform and update your expertise.

Quick Links

- [FAQ for Experts](#)
- [Expert recommendations](#)

Logistics for Brussels

- [Map of evaluation area](#)
- [Info on hotels](#)
- [Metro map](#)
- [From airport to Brussels](#)

Experts

H2020 ONLINE MANUAL

Join the database of 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.

New experts

Who can be an expert?

You have a chance of being selected as an expert if you:

- have high-level of expertise in the relevant fields of research and innovation ([see call](#) for details on types of expertise).
- can be available for occasional, short-term assignments

[REGISTER AS EXPERT](#)

What do expert assignments involve?

Experts, as peer reviewers, assist in the:

- **evaluation** of proposals
- **monitoring** of actions

In addition, experts assist in the :

- **preparation, implementation or evaluation of programmes** and **design of policies**.

Assignments mainly concern research and innovation, falling within the Horizon 2020 programme designed to address the challenges Europe is facing through funding excellent science, technology and innovation.

Take a look at the most recently [funded projects](#).

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 easy to [create your Portal \(ECAS\) account](#).

Důležité odkazy

HORIZON 2020

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

Research an Innovation Participant Portal, Funding oportunities, **CALLS**

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

Webové aplikace SEMINÁŘE:

<https://researchapp.vscht.cz>

<https://research.cvut.cz/>



Děkuji za pozornost!

Ing. Anna Mittnerová

anna.mittnerova@vscht.cz

http://www.vscht.cz/homepage/veda/index/Profil_vav/kampus

Projekt MŠMT, EUPRO II, LE 12005