



HORIZON 2020

Rámcový program EU pro výzkum a inovace 2014 - 2020

www.vscht.cz

KAMPUŠ

KAMPUŠ, EUPRO II, LE12005

 **VŠCHT
PRAHA**

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HORIZON 2020, 2014-2020, 80 mld. €

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

The screenshot shows the Horizon 2020 website homepage in a browser window. The browser's address bar displays the URL <http://ec.europa.eu/programmes/horizon2020/en/>. The website header features the European Commission logo and the title "The EU Framework Programme for Research and Innovation". A navigation menu includes 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 is divided into several 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 features a blue background with mathematical formulas and silhouettes of people, with the text: "Horizon 2020 launched with €15 billion over first two years. The European Commission has today for the first time presented calls for projects under Horizon 2020. 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." Below this banner is a "News & Events" section with the title "National Launch Events and Thematic Events for Horizon 2020" and a sub-header "From Wed, 8 Jan 2014 to Mon, 31 Mar 2014". The text reads: "For your convenience, we have put together a table of all the national launch events for Horizon 2020 as well as the thematic events. Read more...". 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 (@EUmoveDC) that says "Coming to #TRBAM? Stop by the #EU". The browser's taskbar at the bottom shows the Windows logo, several application icons, and 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 top navigation bar with the European Commission logo and the text "RESEARCH & INNOVATION Participant Portal". Below this is a breadcrumb trail: "European Commission > Research & Innovation > Participant Portal > Home". A menu bar contains "HOME", "FUNDING OPPORTUNITIES", "HOW TO PARTICIPATE", "EXPERTS", and "SUPPORT". On the right, there are "LOGIN" and "REGISTER" buttons.

The main content area features a banner for "Horizon 2020 Funding Starting from 1/1/2014" with a globe icon. Below the banner, it states: "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)

There are two columns of user instructions:

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

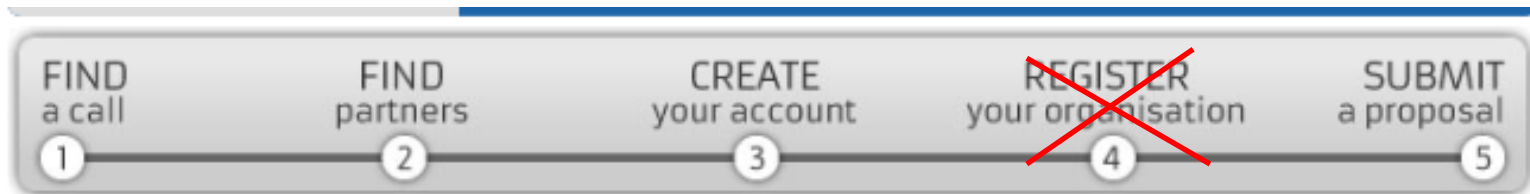
- submit your proposal
- sign the grant
- manage your project throughout its lifecycle

At the bottom, there is a row of six icons with 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", "OLAF", and "© European Communities".

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

Work Programme 2014 – Funding for calls and financial instruments		
Excellent Science Pillar: ~ € 3 billion		
European Research Council	4 calls	€ 1 662 million
Marie Skłodowska-Curie actions	6 calls	€ 800 million
Future and Emerging Technologies (FET)	4 calls	€ 200 million
European Research Infrastructures (including e-Infrastructures)	4 calls	€ 277 million
Industrial Leadership Pillar: ~ € 1.8 billion		
Information and Communication Technologies (ICT)	2 calls	€ 700 million
Nanotechnologies, Advanced Materials, Biotechnology and Production	5 calls	€ 500 million
Space	5 calls	€ 128 million
Access to Risk Finance	2 calls + Financial instruments	€ 5 million + € 295 million
Innovation in small and medium-sized enterprises (Does not include €251 million for SME instrument or Eurostars)	1 call	€ 10 million

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

Societal Challenges Pillar: ~ € 2.8 billion		
Health, demographic change and wellbeing	2 calls	€ 600 million
Food Security, Sustainable Agriculture and Forestry, Marine and Maritime and Inland Water Research and the Bioeconomy	3 calls	€ 300 million
Secure, clean and efficient energy	4 calls	€ 600 million
Smart, green and integrated transport	3 calls	€ 540 million
Climate action, environment, resource efficiency and raw materials	3 calls	€ 300 million
Europe in a changing world – inclusive, innovative and reflective societies	5 calls	€ 112 million
Secure Societies	4 calls	€ 200 million
In addition		
Spreading Excellence and Widening Participation	3 calls	€ 50 million
Science with and for Society	4 calls	€ 45 million

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 menu with options like 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'EXPERTS', and 'SUPPORT'. A 'LOGIN' button and a 'REGISTER' button are also visible. The main content area is divided into several sections: 'News' with a link to an H2020 call for experts, 'Quick Links' with links to FAQs and recommendations, 'New experts' with a 'REGISTER AS EXPERT' button, and 'Experts' with a description of the role and a link to the 'H2020 ONLINE MANUAL'. The 'Experts' section includes sub-sections for 'Who can be an expert?' and 'What do expert assignments involve?', both containing bulleted lists of requirements and tasks. A globe image is used as a visual element in the 'New experts' section.

(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>

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)

Webové aplikace SEMINÁŘE:

<https://researchapp.vscht.cz>

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

The logo for KAMPUŠ, with the word in a stylized font where each letter is a different color: K (blue), A (yellow), M (green), P (orange), U (red), Š (blue).

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

Děkuji za pozornost!

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Projekt MŠMT, EUPRO II, LE 12005