

Horizont 2020

Éghajlatváltozás, környezet, erőforrás- hatékonyság és nyersanyagok

Climate action, environment, resource efficiency and raw materials

Tóth Orsolya

EU referens

NKFI Hivatal Nemzetközi Kapcsolatok Főosztálya



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H2020 - Társadalmi kihívások

- **3. Prioritás: a társadalmi kihívások. MIÉRT?**
- Innováció nélkül nem lehet célt érni az állampolgárokat és társadalmakat érintő ügyekben, de az EU politikai céljaiban sem. (Pl.: éghajlatváltozás, környezetvédelem, energetika, közlekedés)
- Áttörést hozó megoldásokat a – társadalomtudományokat is magukba foglaló – multi-diszciplináris együttműködések eredményeznek.
- Az ígéretes megoldásokat tesztelni, demonstrálni és mérni kell.



Éghajlatváltozás, környezet, erőforrás-hatékonyság és nyersanyagok

- **Célok:**

- erőforrás-hatékony, éghajlatváltozásnak ellenálló gazdaság és társadalom;
- természeti erőforrások és ökoszisztéma védelme és fenntartható kezelése;
- nyersanyagok: fenntartható ellátás és felhasználás;
- zöld gazdaság kiépítése
- Pályázati felhívások megjelenése: 2015 ősz
- Költségvetés: 2016: 358,55 millió EUR, 2017: 367,15 millió EUR



2016-17-es „Climate” munkaprogram

- Climate services
- Towards a low-carbon Europe
- Nature-based solutions for territorial resilience
- Water
- Raw materials
- Earth Observation
- Cultural heritage for sustainable growth



Cross-cutting témák

- Sustainable Process Industries – SPIRE
- Circular Economy
- Smart and Sustainable Cities
- SME Instrument:
 - SMEInst-12-2016-2017: Boosting the potential of small businesses in the areas and priorities of Societal Challenge 5



Climate Services

- Exploiting the added value of climate services
- Integrated European regional modelling and climate prediction system
- Climate services market research
- Towards a robust and comprehensive greenhouse gas verification system
- A 1.5 million year look into the past for improving climate predictions



Towards a low-carbon Europe

- Pathways towards the decarbonisation and resilience of the European economy in the timeframe 2030-2050 and beyond
- Coordinating and supporting research and innovation actions on the decarbonisation of the EU economy



Nature-based solutions for territorial resilience

- Large-scale demonstrators on nature-based solutions for hydro-meteorological risk reduction
- Operationalising insurance value of ecosystems
- Multi-stakeholder dialogue platform to promote innovation with nature to address societal challenges



Water

- Supporting international cooperation activities on water
- Food systems and water resources for the development of inclusive, sustainable and healthy Euro-Mediterranean societies



Raw materials

- New solutions for sustainable production of raw materials
- Raw materials innovation actions
- Raw materials policy support actions
- Raw materials international co-operation
- ERA-NET Cofund on raw materials



Earth Observation

- Novel in-situ observation systems
- Coordination of citizens' observatories initiatives
- European data hub of the GEOSS information system



Cultural heritage for sustainable growth

- Cultural heritage as a driver for sustainable growth
- Innovative financing, business and governance models for adaptive re-use of cultural heritage



Circular Economy

- Systemic, eco-innovative approaches for the circular economy: large-scale demonstration projects
- Water in the context of the circular economy
- Smart Specialisation for systemic eco-innovation/circular economy
- New models and economic incentives for circular economy business
- Unlocking the potential of urban organic waste



Smart and Sustainable Cities

- Smart Cities and Communities lighthouse projects
- Demonstrating innovative nature-based solutions in cities
- New governance, business, financing models and economic impact assessment tools for sustainable cities with nature-based solutions (urban re-naturing)
- Sustainable urbanisation



Research Participant Portal

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


The screenshot shows the 'RESEARCH & INNOVATION Participant Portal' homepage. At the top, there is a navigation bar with the European Commission logo and the text 'RESEARCH & INNOVATION Participant Portal'. Below this is a secondary navigation bar with links for 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'EXPERTS', and 'SUPPORT'. On the right side of this bar are 'LOGIN' and 'REGISTER' buttons. The main content area features a banner for 'Horizon 2020 Funding Starting from 1/1/2014'. Below the banner, there is a section titled 'On this site you can find and secure funding for research & innovation projects under the following EU programmes:' followed by a list of programmes: '2014-2020 Horizon 2020 - research and innovation framework programme' and '2007-2013 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)'. There are two columns of user actions: 'Non-registered users' (search for funding, read the funding guide, check registration status, contact support) and 'Registered users' (submit proposal, sign grant, manage project). 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 the text 'RESEARCH ON EUROPA', 'CORDIS', and 'OLAF'.



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RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Funding Opportunities

HOME **FUNDING OPPORTUNITIES** HOW TO PARTICIPATE EXPERTS SUPPORT LOGIN REGISTER

Horizon 2020

Calls

Search topics

Call Updates


FP7 & CIP Programmes

Calls

Call Updates

COSME

Other Funding Opportunities




Funding Opportunities

H2020 ONLINE MANUAL

Find the European Union funding opportunities and search for new or closed calls, grouped by the following programmes:

- Horizon 2020 – EU research funding from 2014
- Seventh Framework Programme (FP7)
- Competitiveness and Innovation Framework Programme (CIP)
- other research and innovation programmes

Horizon 2020



Horizon 2020 is the new EU funding programme for research and innovation running from 2014 to 2020 with a €70 billion budget. The first calls for proposals for Horizon 2020 are envisaged for **December 2013**. Its simplified rules and submission and grant management tools should facilitate participants' tasks. For practical guidance, see the [H2020 online manual](#).

H2020 supports SMEs with a new instrument that runs throughout various funded research and innovation fields, so it should be easy for SMEs to find opportunities in many calls.

H2020 also aims to enhance EU international research cooperation so there are more opportunities for Third Country participation.

Having built H2020 around the main societal challenges like an ageing population, food security, energy efficiency, the EU attaches high importance to embed socio-economic sciences and humanities into the work programme.

Another important priority of the Commission is to ensure **gender** is embedded in the design of Horizon 2020 project proposals.

FP7 and CIP – previous programmes

FP7 and CIP are previous instruments to fund research and innovation activities in Europe for the period 2007 to 2013. You can view closed calls information on these programmes.

COSME

Programme for the Competitiveness of Enterprises and SMEs (COSME) will run from 2014 to 2020, with a planned budget of €2.3bn. It will facilitate SME access to finance, create supportive environment for business creation, help small businesses operate outside their home countries and improve their access to markets.

Other Funding Opportunities

This page lists additional research activities, initiatives executed by several Member States or joint programmes, co-funded calls, thematic opportunities, and intergovernmental actions.

Call updates

The page displays the latest updates to the calls, like change of deadlines.

Search

The call search tool has several filtering options to help you select funding opportunities that are most relevant to your activities.

RESEARCH ON EUROPA CORDIS OLAF

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Funding Opportunities

Calls

Beadási határidők

- SC5-12-2016, SC5-24-2016: **2016. jan. 26.**
- SC5-01-2016-2017, SC5-14-2016-2017, SC5-21-2016-2017: **2016. márc. 8. (First stage), 2016. szept. 6. (Second stage)**
- SC5-03-2016, SC5-06-2016-2017, SC5-05-2016, SC5-10-2016, SC5-11-2016, SC5-23-2016-2017, SC5-25-2016, SC5-27-2016, SC5-09-2016, SC5-13-2016-2017, SC5-15-2016-2017, SC5-16-2016-2017, SC5-17-2016, SC5-20-2016, SC5-28-2016: **2016. márc. 8.**
- SC5-29-2016: **2016. szept. 8.**
- SC5-01-2016-2017, SC5-02-2017, SC5-04-2017, SC5-06-2016-2017, SC5-07-2017, SC5-19-2017, SC5-23-2016-2017, SC5-13-2016-2017, SC5-15-2016-2017, SC5-16-2016-2017, SC5-18-2017, SC5-22-2017, SC5-26-2017: **2017. márc. 7.**
- SC5-08-2017, SC5-14-2016-2017, SC5-21-2016-2017: **2017. márc. 7. (First stage), 2017. szept. 5. (Second stage)**



Beadási határidők

- CIRC-03-2016, CIRC-04-2016, CIRC-05-2016: **2016. márc. 8.**
- CIRC-01-2016-2017, CIRC-02-2016-2017: **2016. márc. 8., 2016. szept. 6.**
- SCC-02-2016-2017: **2016. márc. 8. (First stage), 2016. szept. 6. (Second stage)**
- SCC-03-2016, SCC-04-2016: **2016. márc. 8.**
- SCC-1-2016-2017: **2016. ápr. 5.; 2017. febr. 14.**



Hasznos linkek

- <http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- <https://ec.europa.eu/programmes/horizon2020/en/draft-work-programmes-2016-17>
- http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf
- <http://www.ncps-care.eu/>
- <http://partnersearch.ncps-care.eu/>
- <http://nkfi.gov.hu/nemzetkozi-tevekenyseg/horizont-2020>
- <http://www.h2020.gov.hu/>
- <http://www.h2020.gov.hu/horizont2020-program/nemzeti-kapcsolattarto>
- www.cost.eu



Köszönöm a figyelmet!

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