



Doprava v programu H2020

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Praha 14.2.2014

• I Excellent science,	31.73%	24 441
• 1. The European Research Council	17%	13 095
• 2. Future and Emerging Technologies	3.50%	2 696
• 3. Marie-Skłodowska-Curie Actions	8%	6 162
• 4. European Research Infrastructures	3.23%	2 488

Estimated final amount in million euro (in current prices)

• II Industrial leadership	22.09%	17 016
• 1. Leadership in enabling and industrial technologies	17.60%	13 557
• 2. Access to risk finance	3.69%	2 842
• 3. Innovation in SMEs	0.80%	616

Estimated final amount in million euro (in current prices)

• III Societal challenges	38.53%	29 679
• 1. Health, demographic change and wellbeing	9.70%	7 472
• 2. Food security, sustainable agriculture and forestry, marine maritime and inland water research and the bioeconomy	5%	3 851
• 3. Secure, clean and efficient energy	7.70%	5 931
• 4. Smart, green and integrated transport	8.23%	6 339
• 5. Climate action, envi resource efficiency and raw materials	4%	3 081
• 6. Inclusive innovative and reflective societies	1.70%	1 309
• 7. Secure societies	2.20%	1 695
• TOTAL	100%	77028

Estimated final amount in million euro (in current prices)

Struktura i rozpočet jsou zjednodušené

http://ec.europa.eu/research/horizon2020/pdf/press/fact_sheet_on_horizon2020_budget.pdf

H 2020 pravidla účasti (1)

- Typy projektů (základní)
- *Typ projektu je vždy uveden u daného tématu Pracovního programu*
- **Research and Innovation Actions**
- *projekt na vypsané téma (top – down)*
- *výzkumná činnost*
- *min. 3 subjekty ze 3 zemí*
- *100% příspěvek EK na krytí celkových uznatelných nákladů*
- *25% paušální režie*

H 2020 pravidla účasti (2)

- **Innovation Actions**
- *projekt na vypsané téma (top – down)*
- *demonstrační činnost – prototypy, testování, ověřování, pilotní zařízení, ověřování produktů*
- *min. 3 subjekty ze 3 zemí*
- *100% příspěvek EK na krytí celkových uznatelných nákladů u neziskových organizací*
- *70% % příspěvek EK na krytí celkových uznatelných nákladů u ziskových organizací*
- *25% paušální režie*

H 2020 pravidla účasti (3)

- **Coordination and Support Actions**
- *projekt na vypsané téma (top – down)*
- *studie, analýzy, činnost odborných skupin, konference...*
- *min. 1 subjekty*
- *100% příspěvek EK na krytí přímých nákladů*
- *25% paušální režie*

- Nový nástroj pro všechny typy MSP (provozní i výzkumné.)
- Žadatelem pouze MSP.
- MSP z EU nebo asociované země.
- MSP si vybere spolupracující partnery (včetně subkontraktů).
- Možnost řešit projekt bez dalších partnerů
- Volná volba témat.
- Spojitá třístupňová podpora, vycházející z amerického systému SBIR.
- Není povinné absolvovat všechny tři fáze
- Příspěvek ve výši 70%.
- Průběžně otevřená výzva ve všech prioritách s uzávěrkou několikrát ročně
- Pouze jeden návrh/projekt ve fázi 1 nebo 2.
- Administrován agenturou EACI



Phase 3 = 2% budget

Phase 1: Concept and feasibility assessment

Input: Idea/Concept: "Business Plan 1" (~ 10 pages)
10% budget

Activities:
Feasibility of concept
Risk assessment
IP regime
Partner search
Design study
Pilot application
etc.

10% success

Output: elaborated "Business plan 2"

Lump sum: 50.000 €
~ 6 months

Phase 2: R&D, demonstration, market replication

Input: "Business plan 2" plus description of activities under Phase 2 (~ 30 pages)
88% budget

Activities:
Development, prototyping, testing, piloting, miniaturisation, scaling-up, market replication, research

30-50% success

Output: "investor-ready Business plan 3"

1-3 (5) M€ EC funding
~ 12 to 24 months

Phase 3: Commercialisation

Promote instrument as quality label for successful projects
Facilitate access to private finance

Support via networking, training, information, addressing i.a. IP management, knowledge sharing, dissemination

SME window in the EU financial facilities (debt facility and equity facility)

Possible connection to PPC (and PPI?)

No direct funding

Tři kritéria – Impact, Excellence a Implementation

Fáze 1 – prahová hodnota pro každé kritérium 4, celková minimální hodnota 13 bodů.

Fáze 2 – prahová hodnota pro Impact 4 body, celková minimální hodnota 12 bodů.

Procedura hodnocení je specifikována v části H General Annexes.

Fast Track to Innovation

1. Nový nástroj umožňující **rychlé** zavedení inovace.
2. Je určen pro všechny typy podnikatelských subjektů, žadatelem a koordinátorem může být **libovolný podnikatelský subjekt**.
3. Předpokládá se uzavření grantové dohody do 6 měsíců od uzavěrky.
4. Průběžně otevřená výzva ve všech prioritách s uzavěrkou třikrát ročně.
5. První pilotní výzva bude otevřena v roce **2015**.
6. Malé řešitelské konsorcium do pěti partnerů.
- 7. Volná volba témat** v rozsahu LEIT a Societal Challenges.
8. Inovační akce - Příspěvek ve výši 70%.
9. Příspěvek EK do 3 mil. EUR.
10. Při hodnocení větší důraz na impact.
11. Nejedná se o aktivitu s preferencí MSP, není uvedeno v pracovním programu Innovation in SMEs
12. Je součástí pracovních programů jednotlivých priorit, v pracovním programu Doprava jako výzva IT.2-2015.

Opportunities - Research Participant Portal - Windows Internet Explorer

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

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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

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 of 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,

Internet 100%

Start Doručená pošta... Re: Jana Kraten... Pozvánka na se... Prezentace 2013 Prezentace 2014 6 Internet E... Prezentace dop... 15:41

Commission Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT LOGIN REGISTER

Horizon 2020

Horizon 2020

- Calls
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- Call Updates

FP7 & CIP Programmes

- Calls
- Call Updates

COSME

Other Funding Opportunities

Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, 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

Type

- Proposal
- Tender

Status

- Open
- Closed
- Forthcoming

FILTER

Sort by Title Call Id Publication Date Deadline Date

<p>Societal Challenges</p> <p>MOBILITY for GROWTH 2014-2015</p> <p>H2020-MG-2015_TwoStages</p> <p>Pub.Date: 11/12/2013 Deadline: 31/03/2015</p>	<p>Societal Challenges</p> <p>MOBILITY for GROWTH 2014-2015</p> <p>H2020-MG-2015-Singlestage-B</p> <p>Pub.Date: 11/12/2013 Deadline: 27/08/2015</p>	<p>Societal Challenges</p> <p>MOBILITY for GROWTH 2014-2015</p> <p>H2020-MG-2015_SingleStage-A</p> <p>Pub.Date: 11/12/2013 Deadline: 31/03/2015</p>
<p>Societal Challenges</p> <p>MOBILITY for GROWTH 2014-2015</p> <p>H2020-MG-2014_TwoStages</p> <p>Pub.Date: 11/12/2013 Deadline: 18/03/2014</p>	<p>Societal Challenges</p> <p>MOBILITY for GROWTH 2014-2015</p> <p>H2020-MG-2014_SingleStage_B</p> <p>Pub.Date: 11/12/2013 Deadline: 28/08/2014</p>	<p>Societal Challenges</p> <p>MOBILITY for GROWTH 2014-2015</p> <p>H2020-MG-2014_SingleStage_A</p> <p>Pub.Date: 11/12/2013 Deadline: 27/03/2014</p>
<p>Societal Challenges</p> <p>GREEN VEHICLES 2015</p> <p>H2020-GV-2015</p>	<p>Societal Challenges</p> <p>GREEN VEHICLES 2014</p> <p>H2020-GV-2014</p>	

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

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Calls - Research Participant Portal Stránka Zabezpečení Nástroje

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http://ec.europa.eu/research/transport/events/infoday2013/documents/1_a_damiani_h2020_introduct - Windows Internet Explorer

http://ec.europa.eu/research/transport/events/infoday2013/documents/1_a_damiani_h2020_introduction_...

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http://ec.europa.eu/research/transport/...

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WP 2014-15 Transport calls



Calls (publication 11 December 2014)	Budget (€ Mio) 2014	Budget (€ Mio) 2015
Call 'Mobility for Growth'	374,5 (+2)	184 (+10)
1. Aviation	70 (+2)	36
2. Rail	52	-
3. Road	66	23 (+5)
4. Waterborne	56	18
5. Urban	40	66,5
6. Logistics	32	18
7. ITS	31	-
8. Infrastructure	19	17,5
9. Socio-economic and behavioural research	8,5	5 (+5)
Call 'Green Vehicles'	129	30
Call Small business and Fast Track	35,87	38,69
Contribution to Smart Cities, Blue Growth	33.5	25.5

Hotovo

Neznámá oblast

Start Doručená pošta... Re: Jana Kraten... Pozvánka na se... Prezentace 2013 Prezentace 2014 5 Internet E... Prezentace dop... 15:31



Calls: deadlines 2014

	18 March	27 March	28 August
<u>Mobility for Growth</u>			
• RIAs + IAs stage 1	X		
• RIAs + IAs stage 2			X
• CSAs (single stage)		X	
<u>Green vehicles (single stage)</u>			X
<u>SME instrument (open call)</u>	cut-off dates: 18 June, 24 Sept, 17 Dec		
<u>Fast track to innovation</u>	[pilot action in 2015]		

Time to grant: max 8 months



A.1. CALL 'MOBILITY FOR GROWTH' (1)

1. AVIATION

- MG.1.1-2014. Competitiveness of European aviation through cost efficiency and innovation
- MG.1.2-2015. Enhancing resource efficiency of aviation
- MG.1.3-2014. Seamless and customer oriented air mobility
- MG.1.4-2014. Coordinated research and innovation actions targeting the highest level of safety
- MG.1.5-2014 Breakthrough innovation for European aviation
- MG.1.6-2014 Improving skills and knowledge base
- MG.1.7-2014 Support to European research and innovation policy
- MG.1.8-2014-2015 International cooperation

• 2. RAIL

- MG.2.1-2014. I²I – Intelligent Infrastructure
- MG.2.2-2014. Smart Rail Services
- MG.2.3-2014. New generation of rail vehicles

A.1. CALL 'MOBILITY FOR GROWTH' (2)

• 3. ROAD

- MG.3.1-2014. Technologies for low emission powertrains
- MG.3.2-2014. Advanced bus concepts for increased efficiency
- MG.3.3-2014. Global competitiveness of automotive supply chain management
- MG.3.4-2014. Traffic safety analysis and integrated approach towards the safety of Vulnerable Road Users
- MG.3.5-2015. Cooperative ITS for safe, congestion-free and sustainable mobility
- MG.3.-2015. Safe and connected automation in road transport

• 4. WATERBORNE

- MG.4.1-2014. Towards the energy efficient and very-low emission vessel
- MG.4.2-2014. Safer and more efficient waterborne operations through new technologies and smarter traffic management
- MG.4.3-2015. System modelling and life-cycle cost and performance optimisation for waterborne assets
- MG.4.4-2014. Advancing innovation in the Inland Waterways Transport (IWT) sector

A.1. CALL 'MOBILITY FOR GROWTH' (3)

- **5. URBAN MOBILITY**

- MG.5.1-2014. Transforming the use of conventionally fuelled vehicles in urban areas
- MG.5.2-2014. Reducing impacts and costs of freight and service trips in urban areas
- MG.5.3-2014. Tackling urban road congestion
- MG.5.4-2015. Strengthening the knowledge and capacities of local authorities
- MG.5.5-2015. Demonstrating and testing innovative solutions for cleaner and better urban transport and mobility

- **6. LOGISTICS**

- MG.6.1-2014. Fostering synergies alongside the supply chain (including e.commerce)
- MG.6.2-2014. De-stressing the supply chain
- ~~MG.6.3-2015. Common communication and navigation platforms for pan-European logistics applications~~

A.1. CALL 'MOBILITY FOR GROWTH' (4)

- **7. INTELLIGENT TRANSPORT SYSTEMS**

- MG.7.1-2015. Connectivity and information sharing for intelligent mobility
- MG.7.2-2014. Towards seamless mobility addressing fragmentation in ITS deployment in Europe

- **8. INFRASTRUCTURE**

- MG.8.1-2014. Smarter design, construction and maintenance
- MG.8.2-2014. Next generation transport infrastructure: resource efficient, smarter and safer
- MG 8.3-2015 Facilitating market take up of innovative transport infrastructure solutions
- MG.8.4-2015. Smart governance, network resilience and streamlined delivery of infrastructure innovation

A.1. CALL 'MOBILITY FOR GROWTH' (5)

• 9. SOCIO-ECONOMIC AND BEHAVIOURAL RESEARCH AND FORWARD LOOKING ACTIVITIES FOR POLICY MAKING

- MG.9.1-2015. Transport societal drivers
- MG.9.2-2014 User behaviour and mobility patterns in the context of major societal trends
- MG.9.3-2014 Analysis of funding schemes for transport infrastructure
- MG.9.4-2014 Research, technology development and market prospects for European transport industries
- MG.9.5-2015. Fostering transnational cooperation in European transport research and innovation – NCP network
- MG.9.6-2014. Strengthening the research and innovation strategies of the transport industries in Europe
- MG.9.7-2014. Innovation awards for students and researchers in the context of the Transport Research Arena conference - TRA 2016

A.2. CALL 'GREEN VEHICLES'

- GV.1-2014. Next generation of competitive Li-ion batteries to meet customer expectations
- GV.2-2014. Optimized and systematic energy management in electric vehicles
- GV.3-2014. Future natural gas powertrains and components for cars and vans
- GV.4-2014. Hybrid light and heavy duty vehicles
- GV.5-2014. Electric two-wheelers and new ultra-light vehicle concepts
- GV.6-2015. Powertrain control for heavy-duty vehicles with optimised emissions
- GV.7-2014. Future natural gas powertrains and components for heavy duty vehicles
- GV.8-2015. Electric vehicles' enhanced performance and integration into the transport system and the grid

A.3. CALL 'SMALL BUSINESS AND FAST TRACK INNOVATION FOR TRANSPORT'

- IT.1-2014-2015. Small business innovation research for Transport
- IT.2-2015. Fast Track to Innovation

Reference Documents - Research Participant Portal - Windows Internet Explorer

http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html


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

H2020 Online Manual

Reference Documents

Beneficiary Register

Financial Capacity Self-Check

SME Participation

Reference Documents

This page includes all the H2020 & FP7 reference documents starting with legal documents and the Commission work programmes for research and innovation up to model grant agreements and guides for specific actions and horizontal issues. The documents are grouped by categories. To access a document:

- Click on a folder
- Click on ARROW to have more information about the document and its available translations

You can search a specific H2020 or FP7 document on the [Europa Search](#) service.

H2020 **FP7**

Legal basis ⓘ

- Framework programmes (EC-Euratom)
- Rules for participation
- Specific programme
- European institute of Innovation and Technology (EIT)

Start Prezентация 2014 Doručená pošta - ... Doprava skarka Pr... Reference Docu... Internet 125% 10:42

- Work Programmme
- část Transport – popis témat, typ projektu, plán výzev, rozpočet, termíny...

General Annexes to the Main WP

- A. List of countries, and applicable rules for funding
- B. Standard admissibility conditions
- C. **Standard eligibility criteria**
- D. **Research and innovation actions**
- **D. Innovation actions**
- D. Coordination and support actions
- D. **SME instrument**
- D. ERA-NET Cofund
- D. Pre-Commercial Procurement (PCP) Cofund actions
- D. Public Procurement of Innovative Solutions (PPI) Cofund actions
- E. Specific requirements for innovation procurement
- F. Rules of Contest (RoC) for Prizes
- G. Technology readiness levels
- H. **Evaluation**
- I. Budget flexibility
- J. Classified Information
- K. Financial support to third parties

- Standard proposal template RIA, IA
- Standard proposal template CSA
- Standard proposal template PCP, PPI
- Standard proposal template ERA-NET
- Standard proposal template EJP
- Standard proposal template SME-PHASE1
- Standard proposal template SME-PHASE2

http://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/ef/h2020-call-ef-ria-ia-csa_ - Windows Internet Explorer

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The EU Framework Programme
for Research and Innovation

HORIZON 2020

Self-evaluation forms

Form 1: Research and innovation actions
Innovation actions
SME instrument

Form 2: Coordination & support actions

Version 1.0
11 December 2013

Hotovo Neznámá oblast

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http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf - Windows Internet Explorer

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf

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Annotated model grant agreement

Articles 1 to 6

Version 1.1
20 December 2013

specification: specifikace, upřesnění [Zakázat](#)

Disclaimer

The purpose of the Annotated GA is purely to explain the obligations of the beneficiaries under legal texts (in particular, the GA, the Rules for Participation, the Financial Regulation) and it cannot derogate from them. This is only a first draft that it is still under discussion and that may still change substantially. The final wording will depend on the result of these discussions. Presentation, numbering and references may still be adapted.

Research and Innovation

Hotovo Neznámá oblast

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Další informace

Participant Portal (EK)

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

H 2020 (EK)

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

H 2020 (TC AV ČR)

<http://www.h2020.cz/cs>

SMEs in H 2020, Brusel 18.10. a 25.11.2013

http://ec.europa.eu/research/sme-techweb/index_en.cfm?pg=h2020_event

Seminář Fast Track to Innovation, Brusel 16.12.2013

http://ec.europa.eu/research/sme-techweb/index_en.cfm?pg=h2020_f2ti_event

Informační den doprava a brokerage, Brusel 18.12.2013

<http://ec.europa.eu/research/transport/events/infoday2013/>

Akce: Transport Research Arena, Paříž, 14.-17.4.2014

Mezinárodní konference a výstava Transport Research Arena se koná ve dnech 14.-17.4.2014 v Paříži. Program akce a detaily k registraci naleznete na stránce <http://tra2014.sciencesconf.org/>.

International Partnering Event, Paříž, 14.-17.4.2014

Při příležitosti mezinárodní akce Transport Research Arena ve dnech 14.-17.4.2014 se bude ve stejných dnech konat partnerské setkání zájemců, kteří hledají partnery do projektů programu H 2020. Informace o akci naleznete na stránce <http://www.b2match.eu/tra2014>.

The 10th ITS European Congress, 16. – 19. 6. 2014, Helsinky

<http://www.itsineurope.com/its10/>