

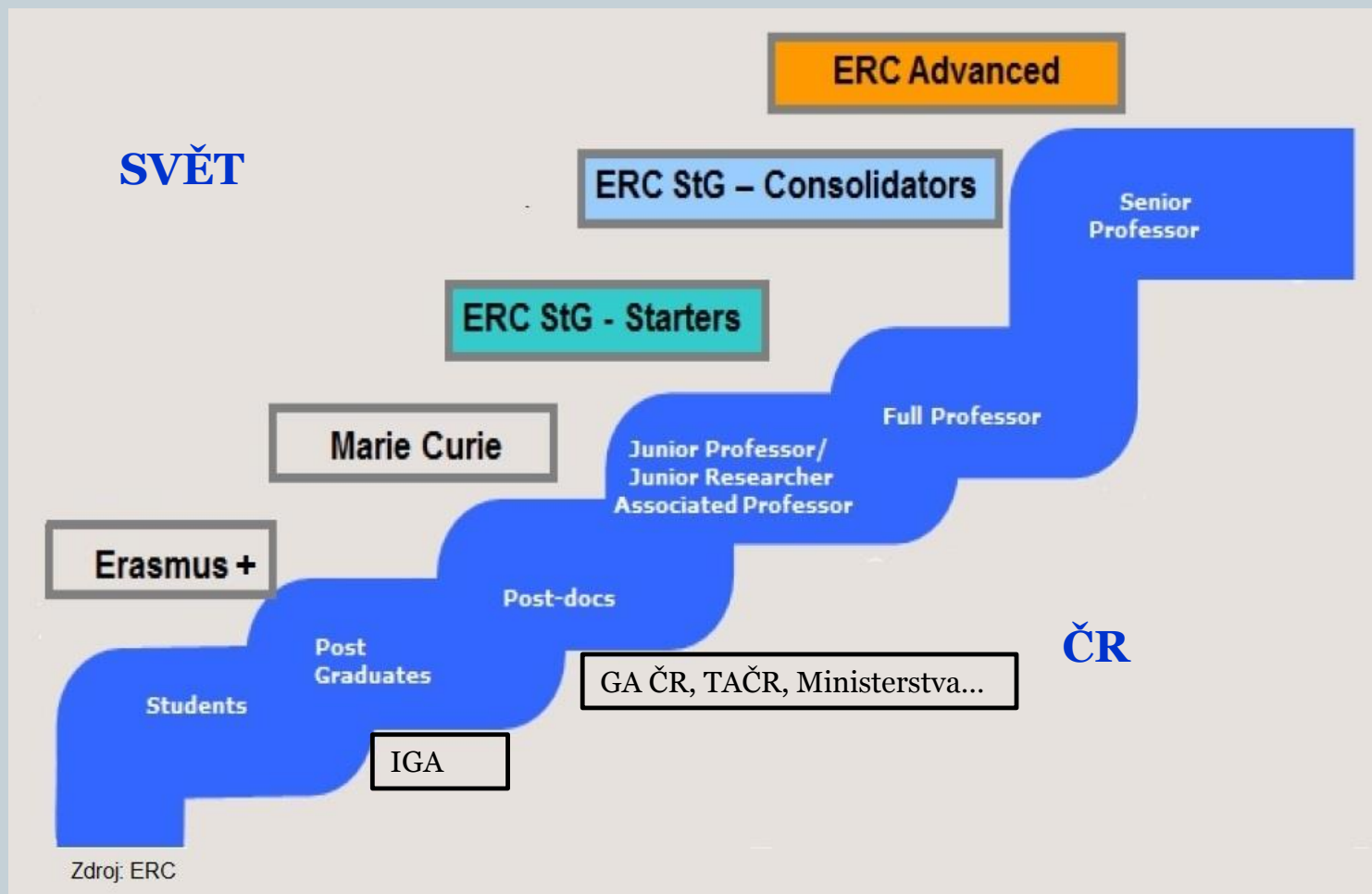
Mezinárodní projekty Horizon 2020 v širších souvislostech



**K. FRIESSOVÁ, M. KŮROVÁ
ODDĚLENÍ PRO VĚDU A VÝZKUM
VŠCHT PRAHA**

Časová osa kariéry vědce

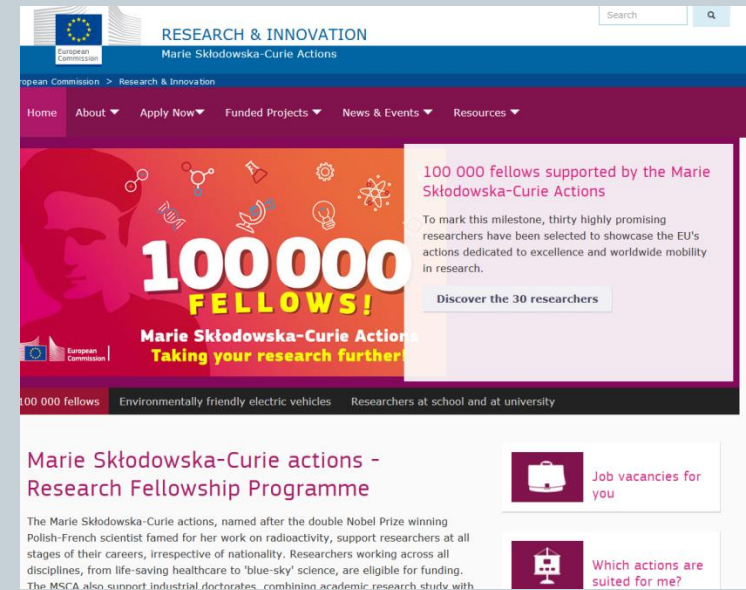
2



Horizon 2020 – Marie Skłodowska-Curie (MSCA)

3

Program na podporu mobility, profesního rozvoje a kariérního růstu vynikajících výzkumných pracovníků



The screenshot shows the official website for Marie Skłodowska-Curie Actions. At the top, there is a navigation bar with the European Commission logo and the text 'RESEARCH & INNOVATION Marie Skłodowska-Curie Actions'. Below this is a secondary navigation bar with links for 'Home', 'About', 'Apply Now', 'Funded Projects', 'News & Events', and 'Resources'. The main content area features a large banner with a stylized portrait of Marie Curie and the text '100 000 FELLOWS! Marie Skłodowska-Curie Actions Taking your research further'. To the right of the banner, there is a text box stating '100 000 fellows supported by the Marie Skłodowska-Curie Actions' and 'To mark this milestone, thirty highly promising researchers have been selected to showcase the EU's actions dedicated to excellence and worldwide mobility in research.' Below this text is a button that says 'Discover the 30 researchers'. At the bottom of the banner, there are three small text boxes: '100 000 fellows', 'Environmentally friendly electric vehicles', and 'Researchers at school and at university'. Below the banner, there is a section titled 'Marie Skłodowska-Curie actions - Research Fellowship Programme' with a brief description of the program and a button for 'Job vacancies for you'. To the right of this section is another button that says 'Which actions are suited for me?'.

<http://ec.europa.eu/research/mariecurieactions/>

Výzkumní pracovníci:

- Early stage researcher < 4 roky praxe ve výzkumu a nemají Ph.D.
- Experience researcher > 4 roky praxe ve výzkumu nebo Ph.D.

Horizon 2020 – Marie Skłodowska-Curie (MSCA)

4

Innovative Training Network (ITN)	Doktorské studijní programy, navržené mezinárodními konsorciemi, tvořenými institucemi z veřejného i soukromého sektoru
Individual Fellowships (IF)	Individuální vědecko-výzkumné pobyty pro zkušené výzkumné pracovníky s cílem podpořit jejich další vzdělávání a profesní růst díky mezinárodní a mezisektorové mobilitě
R&I Staff Exchange (RISE)	Mezinárodní a mezisektorová spolupráce formou výměn výzkumných, technických a řídicích pracovníků v rámci společného projektu
COFUND	Spolufinancování regionálních, národních a mezinárodních programů pro financování vědecko-výzkumných pobytů vč. doktorských studijních programů
European Researcher's NIGHT	Setkání výzkumných pracovníků se širokou veřejností

Horizon 2020 – MSCA – ITN

5

Doktorské studijní programy (Innovative Training Network –ITN)

- Volné pozice EURAXESS

ETN

European
Training
Networks

EJD

European
Joint
Doctorates

EID

European
Industrial
Doctorates

Horizon 2020 – MSCA – ITN

6

Doktorské studijní programy (Innovative Training Network –ITN)

Marie Skłodowska-Curie Action	Researcher unit cost [person/month]			Institutional unit cost [person/month]	
	Living allowance	Mobility allowance	Family allowance	Research, training and networking costs	Management and indirect costs
ITN	3 110*	600	500	1 800	1 200

$3\,110 + 600 + 500 = 4\,210$ €, po zdanění max. 2 000 €/měs. dle dané země

* upraveno o korekční koeficient dané země

Mobilita postdoc Horizon 2020, Marie Skłodowska-Curie

7

Individuální vědecko-výzkumné pobyty

Podpora profesního rozvoje/kariérního růstu ER **jakékoli národnosti***



- ✓ Instituce v EU/AC (1-2 roky)



+ možnost vyslání (secondment, do země EU/AC, 3-6 měsíců)



- ✓ Výjezdová fáze do TC (1-2 roky)
- ✓ Povinná návratová fáze do EU/AC (1 rok)

Reintegration Panel

- podpora návratu ER ze 3. zemí do EU/AC, při získání stálé/dlouhodobé pozice v Evropě

Career Restart Panel – CAR

- podpora návratu do výzkumu po pauze, pokud VP alespoň 12 měsíců před uzávěrkou nepůsobil aktivně ve výzkumu

Society and Enterprise Panel – pro účastníky z neakademického sektoru

MSCA – mezinárodní a mezisektorové pobyty (Research & Innovation Staff Exchange – RISE)

8

Krátkodobé stáže pro výzkumníky a ostatní zaměstnance

- výměna pracovníků v rámci společného projektu
- výzkumníci (ER i ESR), admin. a techničtí pracovníci
- délka výměny: 1-12 měsíců
- je třeba zapojit minimálně 3 instituce
- Spolupráce s partnery z třetích zemí (mimo Evropu) nebo mezi akademickým a neakademickým sektorem (podnik)

MSCA-COFUND – PhD a postdoc pozice

Horizon 2020, Marie Skłodowska-Curie

9

- **Spolufinancování** regionálních, národních a mezinárodních programů pro financování vědecko-výzkumných pobytů vč. doktorských studijních programů
- http://ec.europa.eu/research/mariecurieactions/apply-now/jobs-for-you/index_en.htm
- **CORDIS** – přehled řešených projektů
http://cordis.europa.eu/home_en.html (klíčová slova COFUND a MSCA)

Příklad: [LEaDing Fellows Postdoc Programme](#) – „offers 90 two-year postdoc positions...” (univerzity v Holansku)

Call 2: open from 1st of November 2017 until 10th of January 2018

MSCA – nabídka pozic

10

<http://ec.europa.eu/research/mariecurieactions/>

RESEARCH & INNOVATION
Marie Skłodowska-Curie Actions

European Commission > Research & Innovation

Home About Apply Now Funded Projects News & Events Resources

100 000 FELLOWS!
Marie Skłodowska-Curie Actions
Taking your research further!

100 000 fellows supported by the Marie Skłodowska-Curie Actions

To mark this milestone, thirty highly promising researchers have been selected to showcase the EU's actions dedicated to excellence and worldwide mobility in research.

Discover the 30 researchers

100 000 fellows Environmentally friendly electric vehicles Researchers at school and at university

Marie Skłodowska-Curie actions - Research Fellowship Programme

The Marie Skłodowska-Curie actions, named after the double Nobel Prize winning Polish-French scientist famed for her work on radioactivity, support researchers at all stages of their careers, irrespective of nationality. Researchers working across all disciplines, from life-saving healthcare to 'blue-sky' science, are eligible for funding. The MSCA also support industrial doctorates, combining academic research study with

Job vacancies for you

Which actions are suited for me?



Job vacancies for you

EURAXESS

11

<https://www.euraxess.cz/cs>

<https://euraxess.ec.europa.eu/jobs>

The screenshot shows the top navigation bar of the EURAXESS website. The header is dark blue with white text. On the left, there is the European Commission logo. The main navigation menu includes: 'JOBS & FUNDING' (highlighted with a red dashed circle), 'PARTNERING', 'INFORMATION & ASSISTANCE', 'EURAXESS WORLDWIDE', and 'LOGIN / REGISTER'. To the right of the menu are search and globe icons. Below the navigation bar, a breadcrumb trail reads 'HOME > JOBS & FUNDING'. The main banner features a background image of a smiling woman with curly hair in a classroom setting. Overlaid on the image is the text 'Ready for a new OPPORTUNITY?'. At the bottom of the banner, there are four dark grey buttons with white text: 'JOB OFFERS', 'FUNDING & HOSTING OFFERS', 'WORKING ENVIRONMENT', and 'CAREER DEVELOPMENT'.

European Commission

EURAXESS - Researchers in Motion

JOBS & FUNDING

PARTNERING

INFORMATION & ASSISTANCE

EURAXESS WORLDWIDE

LOGIN / REGISTER

HOME > JOBS & FUNDING

Ready for a new OPPORTUNITY?

JOB OFFERS

FUNDING & HOSTING OFFERS

WORKING ENVIRONMENT

CAREER DEVELOPMENT

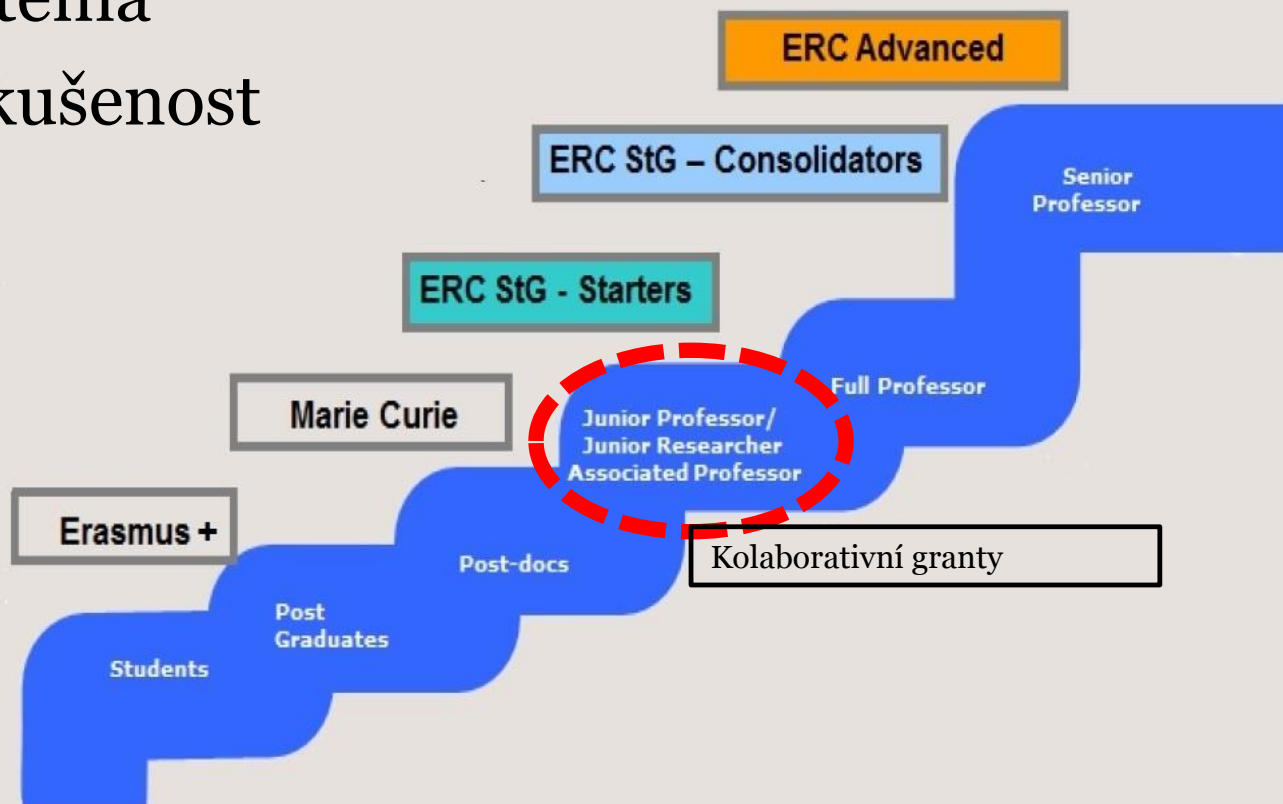
Search for jobs and post your offer!

46%

Úspěšný mladý vědec - charakteristika

12

- Nezávislost
- Nové vlastní téma
- Zahraniční zkušenost
- Odvaha 😊



Zdroj: ERC

ERC starting grants

13

ERC – financuje špičkový výzkum posouvající hranice poznání

Starting Grants:

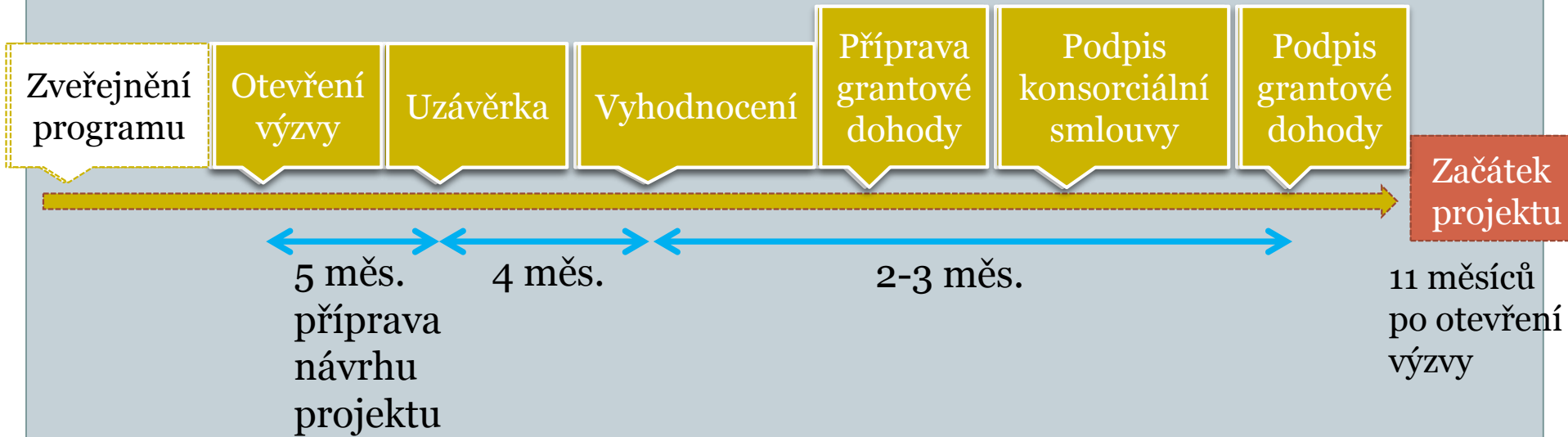
- Individuální granty na podporu nezávislé kariéry mladých výzkumníků
- Na vytvoření vlastní výzkumné skupiny, pořízení přístrojů
- Žadatel – kdokoli 2-7 let od získání Ph.D., excelentní vědecké výsledky (bez vlivu bývalého školitele), excelentní originální myšlenka
- Rozpočet do 1,5 mil. EUR na 5 let

Consolidator Grants:

- 7-12 let po získání Ph.D.
- Rozpočet do 2 mil. EUR na 5 let

Životní cyklus projektů

14



H 2020 – Participant Portal (PP)

15

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

The screenshot shows the top section of the Horizon 2020 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, SUPPORT, and a search bar labeled "Search PP". There are also "LOGIN" and "REGISTER" buttons. A large banner for "Horizon 2020 Funding" is displayed, with the text "Starting from 1/1/2014". Below the banner, a text block states: "On this site you can find and secure **funding** for projects under the following EU programmes:" followed by a bulleted list of programmes. Below this, two columns list benefits for "Non-registered users" and "Registered users". At the bottom, there is a row of six icons representing different portal features: "MULTIPLE USERS", "FUNDING", "HOW TO PARTICIPATE", "WORK AS AN EXPERT", "MY PERSONAL", and "INFORMATION".

European Commission

RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Home

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT Search PP LOGIN REGISTER

Horizon 2020 Funding

Starting from 1/1/2014

On this site you can find and secure **funding** for 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)
- Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme, Justice Programme
- New since January 2016: Promotion of Agricultural Products Programme

Non-registered users

- search for funding
- read the H2020 Online Manual & 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
- register as expert advising the Commission

MULTIPLE USERS FUNDING HOW TO PARTICIPATE WORK AS AN EXPERT MY PERSONAL INFORMATION

Horizon 2020

16

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

H 2020 – PP – Reference Documents

17

European Commission > Research & Innovation > Participant Portal > Reference Documents

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT Search PP LOGIN REGISTER

Reference Documents

Beneficiary Register

Financial Viability 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. It also includes reference documents of other EU programmes, as 3rd Health, Consumer, COSME and Research Fund for Coal and Steel programmes. 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 Other EU programmes FP7

- Legal basis
- Framework programmes (EC-Euratom)
- Rules for participation
- Specific programme
- European institute of Innovation and Technology (EIT)
- Model grant agreement
 - General Grant Agreement
 - European Research Council (ERC)
 - Marie-Sklodowska-Curie (MSC)
 - SME Instrument
 - ERANET Cofund
 - Pre-Commercial Procurement (PCP) Public Procurement of Innovative Solutions (PPI)
 - European Joint Programme Cofund

- Specific programme
- European institute of Innovation and Technology
- Work Programmes
 - 2014-15
 - 2016-17
 - 2018-20
- Grant agreements, contracts and rules of contest
- Model grant agreements
- Model rules of contest of prizes

H 2020 – PP – Work Programmes

18

- 2016-17
- 2018-20
 - Main WP
 - 1. Introduction 2018-20 >
 - 2. Future and Emerging Technologies (FETs) 2018-20 >
 - 3. Marie Skłodowska-Curie actions (MSCA) 2018-20 >
 - 4. Research infrastructures (including e-infrastructure) 2018-20 >
 - 5. Introduction to Leadership in enabling and industrial technologies (LEADER) 2018-20 >
 - 5i. Information and communication technologies (ICT) 2018-20 >
 - 5ii. Nanotechnologies, advanced materials, advanced manufacturing and biotechnology 2018-20 >
 - 5iii. Space 2018-20 >
 - 6. Access to risk finance 2018-20 >
 - 7. Innovation in SMEs 2018-20 >
 - 8. Health, demographic change and well-being 2018-20 >

Table of contents

Introduction	5
Call - Marie Skłodowska-Curie Innovative Training Networks	8
MSCA-ITN-2018: Innovative Training Networks	8
Conditions for the Call - Marie Skłodowska-Curie Innovative Training Networks	10
Call - Marie Skłodowska-Curie Individual Fellowships	13
MSCA-IF-2018: Individual Fellowships	13
Conditions for the Call - Marie Skłodowska-Curie Individual Fellowships	15
Call - Marie Skłodowska-Curie Research and Innovation Staff Exchange 17	
MSCA-RISE-2018: Research and Innovation Staff Exchange	17
Conditions for the Call - Marie Skłodowska-Curie Research and Innovation Staff Exchange	18
Call - Marie Skłodowska-Curie Co-funding of regional, national and international programmes	21
MSCA-COFUND-2018: Co-funding of regional, national and international programmes. 21	
Conditions for the Call - Marie Skłodowska-Curie Co-funding of regional, national and international programmes	24
Call - European Researchers' Night	26
MSCA-NIGHT-2018: European Researchers' Night	26
Conditions for the Call - European Researchers' Night	27

wp1820-msca_en.pdf#{"num":13,"gen":0, "name":"XYZ",68,676,0}

Budget	53
Eligibility conditions for Marie Skłodowska-Curie actions	55
Evaluation rules for Marie Skłodowska-Curie actions	60
Evaluation procedure	64
EU contribution and applicable unit costs	66

H 2020 – PP – Templates & forms

19

European Commission > Research & Innovation > Participant Portal > Reference Documents

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

Reference Documents

Reference Documents
Beneficiary Register
Financial Viability Self-Check
SME Participation

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. It also includes reference documents of other EU programmes, as 3rd Health, Consumer, COSME and Research Fund for Coal and Steel programmes. 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 Other EU programmes FP7

- Legal basis ⓘ
 - Framework programmes (EC-Euratom)
 - Rules for participation
 - Specific programme
 - European institute of Innovation and Technology (EIT)
- Model grant agreement
 - General Grant Agreement
 - European Research Council (ERC)
 - Marie-Sklodowska-Curie (MSC)
 - SME Instrument
 - ERANET Cofund
 - Pre-Commercial Procurement (PCP) Public Procurement of Innovative Solutions (PPI)
 - European Joint Programme Cofund

- Specific guidelines
 - ERC rules for submission and evaluation
- Work Programmes
 - 2014-15
 - 2016-17
 - Templates & forms**
 - Proposal templates
 - Proposal evaluation forms
 - Project reporting templates
- Lists of H2020 expert evaluators
 - Excellent science
 - Industrial Leadership
 - Societal Challenges
 - Spreading excellence and widening participation
 - Science with and for Society
 - Euratom indirect actions
 - General experts lists

HORIZON 2020
© European Commission

H 2020 – PP –Proposal template

20

PROPOSAL ACRONYM – Standard EF / CAR / RI
(Delete as appropriate and include as header on each page)

TABLE OF CONTENTS

In drafting PART B of the proposal, applicants must follow the structure outlined below.

LIST OF PARTICIPANTS

START PAGE COUNT

1. EXCELLENCE
2. IMPACT
3. IMPLEMENTATION

STOP PAGE COUNT

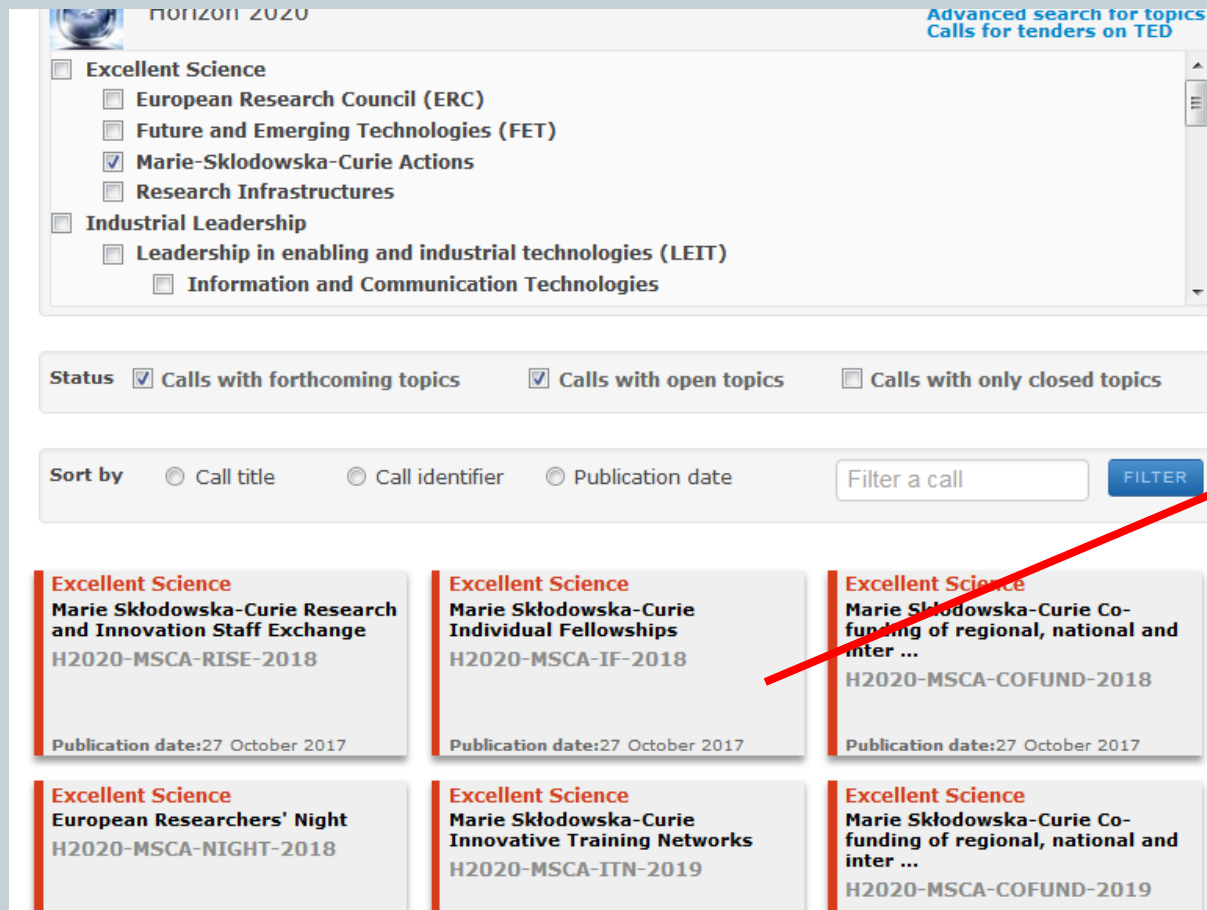
4. CV OF THE EXPERIENCED RESEARCHER
5. CAPACITIES OF THE PARTICIPATING ORGANISATIONS
6. ETHICAL ASPECTS

NB:

- Applicants must ensure that sections 1 - 3 do not exceed the limit of 10 pages.
- No reference to the outcome of previous evaluations of this or any similar proposal should be included in the text. Experts will be strictly instructed to disregard any such references.

Write Proposal (H 2020 – PP –otevřené výzvy)

21



HORIZON 2020 Advanced search for topics
Calls for tenders on TED

- Excellent Science
 - European Research Council (ERC)
 - Future and Emerging Technologies (FET)
 - Marie-Sklodowska-Curie Actions
 - Research Infrastructures
- Industrial Leadership
 - Leadership in enabling and industrial technologies (LEIT)
 - Information and Communication Technologies

Status Calls with forthcoming topics Calls with open topics Calls with only closed topics

Sort by Call title Call identifier Publication date

Excellent Science Marie Skłodowska-Curie Research and Innovation Staff Exchange H2020-MSCA-RISE-2018 Publication date: 27 October 2017	Excellent Science Marie Skłodowska-Curie Individual Fellowships H2020-MSCA-IF-2018 Publication date: 27 October 2017	Excellent Science Marie Skłodowska-Curie Co-funding of regional, national and inter ... H2020-MSCA-COFUND-2018 Publication date: 27 October 2017
Excellent Science European Researchers' Night H2020-MSCA-NIGHT-2018	Excellent Science Marie Skłodowska-Curie Innovative Training Networks H2020-MSCA-ITN-2019	Excellent Science Marie Skłodowska-Curie Co-funding of regional, national and inter ... H2020-MSCA-COFUND-2019

Důležité dokumenty



H2020 Programme

Guide for Applicants

Marie Skłodowska-Curie Actions Individual Fellowships (IF)

H 2020 – PP –Hodnotící kritéria

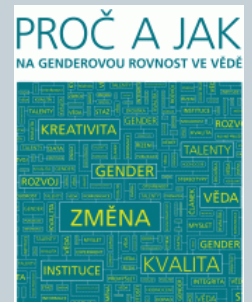
22

IF: Marie Skłodowska-Curie Individual Fellowships		
Excellence	Impact	Quality and efficiency of the implementation
Quality and credibility of the research/innovation project; level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects	Enhancing the future career prospects of the researcher after the fellowship	Coherence and effectiveness of the work plan , including appropriateness of the allocation of tasks and resources
Quality and appropriateness of the training and of the two way transfer of knowledge between the researcher and the host	Quality of the proposed measures to exploit and disseminate the project results	Appropriateness of the management structure and procedures , including risk management
Quality of the supervision and of the integration in the team/institution	Quality of the proposed measures to communicate the project activities to different target audiences	Appropriateness of the institutional environment (infrastructure)
Potential of the researcher to reach or re-enforce professional maturity/independence during the fellowship		
50%	30%	20%
Weighting		
1	2	3
Priority in case of ex aequo		

H 2020 – Gender issues

23

- VŠCHT Praha- projekt 7.RP TRIGGER a PEDICEV
<https://gro.vscht.cz>
- **Cena Julie Hamáčkové - na VŠCHT Praha**
<http://intranet.vscht.cz/vav/gender/hamackova>
- GENDERED INNOVATION - příručka zpracovaná v 7.RP, obsahuje vysvětlení a příklady projektů
http://ec.europa.eu/research/science-society/document_library/pdf_06/gendered_innovations.pdf
- **Národní kontaktní centrum – gender a věda**
<http://www.genderaveda.cz>, <http://www.nkc.cz>
- Stanford University, California 94305. USA
<https://genderedinnovations.stanford.edu/>



Hodnocení projektů - feedback (pro příště)

24

Proposal Evaluation Form



EUROPEAN COMMISSION

Horizon 2020 - Research and Innovation Framework Programme

Evaluation
Summary Report -

Criterion 1 - Excellence

Score: **4.00** (Threshold: 0/5.00 , Weight: 50.00%)

- Quality and credibility of the research/innovation action (level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects)
- Quality and appropriateness of the training and of the two way transfer of knowledge between the researcher and the host
- Quality of the supervision and of the integration in the team/institution
- Capacity of the researcher to reach or re-enforce a position of professional maturity/independence

STRENGTHS

- The originality of the proposed research program is properly illustrated.
- The overall and specific objectives of the project are adequately presented.
- The state of the art convincingly introduces references for the theoretical framework and similar research that has been carried out. It provides sufficient information about the contribution of the planned program to the scientific advancement in the addressed field.
- The multidisciplinary aspects of the research are clearly illustrated.
- The gender aspects are properly addressed in the application.
- The complementarity between the host and the researcher's scientific expertise is well detailed and in line with the overall project approach.
- The secondment at the partner pharmaceutical company will properly advance the researcher's experience in an industrial level.
- The researcher will adequately implement transfer of knowledge towards the host also through students' mentoring and teaching.
- The qualifications and experience of the supervisor perfectly match the field of research of the proposed project, and may convincingly provide good ground for the candidate professional improvement.
- The research group/environment is of good quality, with good track record in the proposed thematic area.
- A 'training-through-research' program is planned to provide the researcher with scientific skills and competence.
- The researcher has already a good track record of publications and conference presentations. She also has some experience in teaching and supervision of students and some work experience at private companies. There is sufficient evidence that the proposed research will contribute to her professional development as an independent/mature researcher during the fellowship.

WEAKNESSES

- There is little evidence of training in soft skills or Intellectual Property Rights aspects.
- The frequency of meetings between the supervisor and the researcher to monitor the project progress is not clearly stated.
- The measures taken to integrate the researcher with the host research team are not adequately outlined.
- It is not clear what specific international networking opportunities the host will offer in relation to the given project.

Druhá šance – Seal of Excellence

25

- Žadatelé s vynikajícím hodnocením (nad 85 %) ze seznamu „**no money**“ projektů mohou žádat a národní/regionální zdroje
- ČR: MŠMT otevřelo 1. výzvu v červenci 2017 (projekty nad 70 %)
- Další země:
https://ec.europa.eu/research/soe/index.cfm?pg=opportunities_msca



Podpora mobility do zemí s nižší účastí

26

- Tzv. „Widening fellowships“
- Nově v pracovním programu MSCA-IF 2018, 2019
- Treshold: 70 %
- 30-35 projektů z „**no money**“ seznamu
- Widening countries:
 - **Member States:** Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia and Slovenia.
 - **Associated Countries:** Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Former Yugoslav Republic of Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey and Ukraine

Kolaborativní granty - konsorcia

27

Kde hledat výzvy?

- Evropská komise: **program Horizon 2020**
- EHP a Norské fondy
- Visegrádské fondy
- Interreg Central Europe
- Eurostars

Horizon 2020

28

- Nejvíce témat, možností a peněz
- Obvykle je třeba konsorcium 3 partnerů ze 3 členských či přidružených zemí
- Rozpočet na partnera je cca 250 – 600 tis. EUR

!! Potřebujete partnera(y) a vhodnou výzvu!!

Workflow overview

29

- Idea!
- Form Consortium – Add partners!
 - Write proposal
 - Submit
 - Pass evaluation ?
- Contract negotiations
 - Project start

Idea – najít výzvu H 2020 – participant portal - výzvy

30

The screenshot displays the 'Participant Portal' for 'RESEARCH & INNOVATION' under the European Commission. The navigation bar includes 'HOME', 'FUNDING OPPORTUNITIES' (circled in red), 'HOW TO PARTICIPATE', 'EXPERTS', and 'SUPPORT'. A search bar and 'LOGIN'/'REGISTER' buttons are also present. The main content area is titled 'Calls for Proposals' and features a 'Horizon 2020' section with a list of topics: 'Excellent Science' (including ERC, FET, Marie-Sklodowska-Curie Actions, and Research Infrastructures) and 'Industrial Leadership' (including LEIT and ICT). Below this, there are filters for 'Status' (Calls with forthcoming topics, open topics, closed topics) and 'Sort by' (Call title, Call identifier, Publication date). A 'Filter a call' input field and a 'FILTER' button are also visible. The bottom section displays a grid of call cards, including 'Industrial Leadership H2020-ECSEL-2016-2-IA-two-stage', 'Industrial Leadership H2020-ECSEL-2016-1-RIA-two-stage', 'Societal Challenges Clean Sky 2 Call for Proposals 03', 'Societal Challenges FCH2 JU call for proposals 2016', 'The European Institute of Innovation and Technology (EIT) EIT KICs Call 2016', and 'Societal Challenges H2020-JTI-IMI2-2015-08-single-stage'. On the left sidebar, 'EU Programmes 2014-2020' and 'FP7 & CIP Programmes 2007-2013' are listed, with 'H2020' under 'Calls' circled in red.

Form Consortium (Jak sbalit partnera, jak se nechat sbalit??)

31

- **Staré kontakty** – oprášit!!! Hlavně kontakty ze zahraničních pobytů ze studií!!
- **Konference** – kromě vědecké přednášky i krátké představení pracoviště (specializace, přístroje)
- **Networking** – na koktejl (pivo, kafe) hlavně s cizími!
- Kam se rozkutálel **můj kruh** – SMEs (malé a střední podniky –spolupráce)
- Účast v soutěžích, letní školy, odborné semináře a školení

Společné technologické iniciativy [WEB](#)

32

- Partnerství mezi Evropskou komisí, státy a průmyslem
 - **Bio-based Industries:** budování zemědělské infrastruktury založené na bio-rafineriích, využívání bio-zdrojů
 - **Clean Sky:** snižování podílu letecké dopravy na emisi skleníkových plynů
 - **ECSEL:** vestavěných počítačových systémů, mikro-elektroniky, nano-elektroniky a inteligentních systémů
 - **Fuel Cells & Hydrogen:** využití palivových článků a vodíku v dopravě a energetice
 - **Shift2Rail:** snížení nákladů v životním cyklu železniční dopravy, inteligentní systémy řízení

Kontrakční partnerství

33

- **Factories of the Future:** výrobní postupy
- **Energy-efficient Buildings:** snižování energetické náročnosti budov
- **European Green Vehicles Initiative:** energeticky efektivnějších spalovacích motorů nákladních automobilů
- **Sustainable Process Industry:** využívání surovinových zdrojů ve zpracovatelském průmyslu
- **Photonics**
- **Robotics**
- **High Performance Computing**
- **Advanced 5G networks for the Future Internet**

Užitečné odkazy Horizon 2020

34

Participant Portal

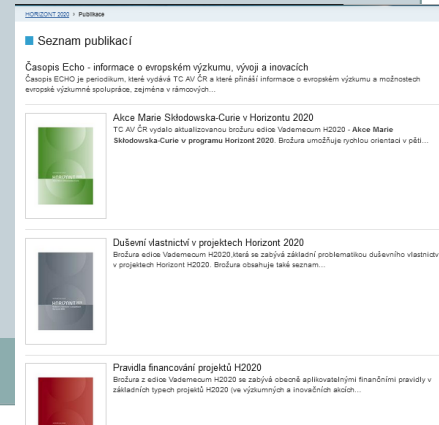
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

CORDIS – přehled řešených projektů

http://cordis.europa.eu/home_en.html

Technologické centrum AV ČR - www.h2020.cz:

- slovník pojmů (<http://www.h2020.cz/cs/seznamy/vykladovy-slovník>)
- publikace (<http://www.h2020.cz/cs/publikace>)
- Národní kontakty (NCP, <http://www.h2020.cz/cs/seznamy/narodni-kontakty>)
- Zastoupení v Bruselu CZELO (<https://www.czelo.cz/cs>)



Seznam publikací

Časopis Echo - informace o evropském výzkumu, vývoji a inovacích
Časopis ECHO je periodikum, které vydává TC AV ČR a které přináší informace o evropském výzkumu a možnostech evropské výzkumné spolupráce, zejména v rámci výzev...

Alice Marie Skłodowska-Curie v Horizontu 2020
TC AV ČR vydalo aktualizovanou brožuru edice Vademecum H2020 - Alice Marie Skłodowska-Curie v programu Horizont 2020. Brožura umožňuje rychlou orientaci v péči...

Duševní vlastnictví v projektech Horizont 2020
Brožura edice Vademecum H2020, která se zabývá záležitostmi problematikou duševního vlastnictví v projektech Horizont 2020. Brožura obsahuje také seznam...

Pravidla financování projektů H2020
Brožura z edice Vademecum H2020 se zabývá obecně aplikovatelnými finančními pravidly v základních typech projektů H2020 (ve výzumných a inovačních akcích...

Další podpora - Workshop pro žadatele o individuální vědecko-výzkumné pobyty Marie Skłodowska-Curie (Individual Fellowships, IF) a ERC projektů



Kdy: IF ~ květen-červen
ERC ~ srpen - září

Kde: Technologické centrum AV ČR

„Vstupenkou“ na workshop je zaslání abstraktu
projektu a CV

[HTTPS://WWW.H2O2O.CZ/CS/SEZNAMY/AKCE](https://www.h2o2o.cz/cs/seznamy/akce)

Závěr

36

Děkujeme Vám za pozornost!

Karolína Friessová (karolina.friessova@vscht.cz)

Marika Kůrová (marika.kurova@vscht.cz)

Podpořeno z projektu (LE 15026, EUPRO II)

