

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

The Social Sciences in Horizon 2020: Societal Challenge 6 - 'Europe in a changing world - inclusive, innovative and reflective societies'

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ΕΘΝΙΚΟ ΚΕΝΤΡΟ ΤΕΚΜΗΡΙΩΣΗΣ

N A T I O N A L DOCUMENTATION C E N T R E



HOBIZON 2020

EKT: H2020 National Contact Point Services

- Information on Research & Innovation in Greece and abroad
- Access to Funding: information, workshop, pre-screening of proposals
- International Collaboration: partner search support, networking
- Exploitation of results: business coaching, technology audits, partnership agreements for technology transfer, venture capitals
- Open Access to research results: national OpenAIRE node, repositories, ejournals, policy support
- Intellectual Property Rights: helpdesk, signposting
- Metrics for scientific-based R&I policies: Eurostat indicators, bibliometrics, intelligence reports per field

Societal Challenge 6:

Europe in a Changing World – Inclusive, innovative and reflective societies



- I. Integrating Social Sciences and Humanities (SSH) across Horizon 2020
- II. Horizon 2020 approach for Societal Challenge 6
- III. Societal Challenge 6 Work Programme 2018-2020



Integration of SSH in Horizon 2020

- Supported through the 'Excellent Science' part of H2020 (ERC, Marie Curie and Infrastructures)
- Integrated in Leadership in Enabling and Industrial Technologies (LEIT) where relevant
- Integrated in all Societal Challenges
- SSH play a major role in the Societal Challenge 6: "Europe in a changing world – inclusive, innovative and reflective societies"



The role of SSH in excellent science

- The European Research Council (ERC) is already a major funding source for curiosity driven frontier research. About 17 % of the ERC-budget will be allocated to SSH
- Marie Curie-Sklodowska Actions (MCA) give opportunities for greater mobility and network building. SSH share of 11-12 %
- Several major research infrastructures in the SSH are supported by FP7/H2020 : CESSDA, DARIAH, CLARIN, ESS, SHARE



The role of SSH in industrial leadership

- Strengthening the cultural and social aspects of innovation
- SSH as a source of creativity in development of services and products
- Societal aspects
- Business and management models



The role of SSH in the Societal Challenges

The Societal Challenges will bring together different technologies, sectors, scientific disciplines, social sciences and humanities, and innovation actors to find new solutions



Examples of SSH-relevant themes in the societal challenges 1-3

- SC1: Understanding the determinants of health and optimising the effectiveness of healthcare provisions
- SC2: Support to policies empowering rural areas and promoting informed consumer choices
- SC3: Robust decision making on energy policy and in ensuring a consumer friendly European electricity grid and a transition to a sustainable energy system



Examples of SSH-relevant themes in the societal challenges 4, 5 and 7

- SC4: Supporting evidence based transport policy and foresight, urban mobility
- SC5: Support to climate change mitigation and adaptation strategies, resource efficiency initiatives and measures towards a green and sustainable economy
- SC7: Cultural and socio-economic aspects of security, risk and management issues (including legal and human rights aspects)



Challenge based approach is reflected in the description of the "Topics" of the Work Programme

- **Specific Challenge**: Sets the context, the problem to be addressed, why intervention is necessary
- **Scope**: delineates the problem, specifies the focus and the boundaries of the potential action BUT without describing specific approaches
- Expected Impact: describe the key elements of what is expected to be achieved in relation to the specific challenge



Societal Challenge 6: Inclusive Societies

- Smart, sustainable and inclusive growth
- Building resilient, inclusive, participatory, open and creative societies in Europe
- Europe's role as a global actor
- Sustainable and inclusive environments through innovative spatial and urban planning and design



Societal Challenge 6: Innovative societies

- Strengthening the evidence-base and support for the IU and ERA
- Explore new forms of innovation, with special emphasis on social innovation and creativity
- Make use of the innovative, creative and productive potential of all generations
- Cooperation with third countries



Societal Challenge 6: Reflective societies – cultural heritage and European identity

- European heritage (memory, identity)
- European countries' and regions' history, literature, art, philosophy and religions and how these have informed contemporary European diversity
- Research on Europe's role in the world intercultural relations



SC6: Call schedule: Migration

- Call opens: 06 Nov 2018
- Call deadline: 14 March 2019

Topics:

- DT-MIGRATION-06-2018-2019: Addressing the challenge of migrant integration through ICT-enabled solutions (Innovation Actions; budget: 8 million euros)
- MIGRATION-01-2019: Understanding migration mobility patterns: elaborating mid and long-term migration scenarios (Research and Innovation actions; budget: 9 million euros)
- MIGRATION-03-2019: Social and economic effects of migration in Europe and integration policies (Research and Innovation actions; budget: 9 million euros)
- MIGRATION-07-2019: International protection of refugees in a comparative perspective



- SC6: Call schedule: Socioeconomic and cultural Transformations in the context of the 4th Industrial Revolution ...("Transformations")
- Call opens: 06 Nov 2018
- Call deadline: 14 March 2019

Topics:

- DT-TRANSFORMATIONS-02-2018-2019-2020: Transformative impact of disruptive technologies (RIA; budget: 7 million euros)
- DT-TRANSFORMATIONS-07-2019: Impact of technological transformations on children and youth (Coordination and Support action; budget: 1.5 million euros. RIA; budget: 9 million euros)
- DT-TRANSFORMATIONS-11-2019: Collaborative approaches to cultural heritage for social cohesion (RIA; budget 12 million euros)



SC6: Call schedule: Tranformations (contd..)

- TRANSFORMATIONS-03-2018-2019: Innovative solutions for inclusive and sustainable urban environments (RIA; budget 6 million euros)
- TRANSFORMATIONS-04-2019-2020: Innovative approaches to urban and regional development through cultural tourism (RIA; budget: 9 million euros)
- TRANSFORMATIONS-08-2019: The societal value of culture and the impact of cultural policies in Europe (RIA; budget: 9 million euros)
- TRANSFORMATIONS-13-2019: Using big data approaches in research and innovation policy making (RIA; budget 1.9 million euros)



SC6: Call Schedule: Governance for the future

- Call opens: 06 Nov 2018
- Call deadline: 14 March 2019

Topics:

- DT-GOVERNANCE-05-2018-2019-2020: New forms of delivering public goods and inclusive public services (RIA; budget: 8 millions euros)
- DT-GOVERNANCE-12-2019-2020: Pilot on using the European cloud infrastructure for public administrations (Innovation Actions; 8 million euros)
- DT-GOVERNANCE-13-2019: Digitisation, Digital Single Market and European culture: new challenges for creativity, intellectual property rights and copyright (RIA; budget: 9 million euros)
- GOVERNANCE-01-2019: Trust in governance (RIA; budget: 9 million euros)
- GOVERNANCE-02-2018-2019: Past, present and future of differentiation in European governance (CSA; budget: 1.5 million euros)
- GOVERNANCE-04-2019 (RIA; budget: 9 million euros)
- SU-GOVERNANCE-10-2019: Drivers and contexts of violent extremism in the broader MENA region (Middle East & North Africa) and the Balkans



Science With And For Society -SWAFS



SWAFS

Aims to integrate Horizon 2020 cross-cutting issues by:

- Emphasizing responsible research and innovation (RRI) including gender
- Enhancing the attractiveness of the research profession



SWAFS Work Programme 2018-20: sample topics

- Call opens: 11 Dec 2018
- Call deadline: 02 April 2019
- SWAFS-05-2018-2019: Grounding RRI practices in research and innovation funding and performing organisations (CSA; budget: 6 million euros)
- SWAFS-09-2018-2019: Supporting research organisations to implement gender equality plans (CSA; budget: 9 million euros)
- SWAFS-14-2018-2019: Supporting the development of territorial Responsible Research and Innovation (CSA; budget: 9.5 million euros)
- SWAFS-15-2018-2019: Exploring and supporting citizen science (RIA; budget: 10 million euros)



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Marie Sklodowska-Curie Actions



MSCA - Key features

- Open to all domains of research and innovation from basic research up to market take-up and innovation services;
- > Entirely bottom-up;
- Participation of non-academic sector strongly encouraged, especially industry and SMEs;
- > Open to researchers at **all career stages** and flexible funding periods;
- Mobility as the key requirement funding on condition participants move from one country to another;
- No nationality or age restrictions;
- Promotion of attractive working and employment conditions;
- Particular attention to a quality of opportunities;



MSCA Funding schemes

Individual Fellowships	IF experienced Researchers 'post-Doc'	Support for experienced researchers to undertake international and inter-sector mobility, incl. career restart and reintegration
Innovative Training Networks	ITN early-stage Researchers 'pre-Doc'	Doctoral and initial training: European Training Networks, European Industrial Doctorates, European Joint Doctorates
Co-funding of programmes	COFUND 'pre-Doc' or 'post-Doc'	Co-funding of regional, national and international programmes: - doctoral programmes (ESR) - fellowship programmes (ER)
Research and Innovation Staff Exchange	RISE 'pre-Doc' or 'post-Doc'	International and inter-sector cooperation through the exchange of staff (scientific, administrative and technical)

NATIONAL DOCUMENTATION CENTRE



1) Costs of researchers/fellows and seconded staff

Living allowance or Top-up allowance

Mobility allowance

Family allowance

2) Organisational costs for host institutions

Research, networking and training costs

Management and indirect costs



MSC actions – Financial Overview

IF				
Research, networking, training costs	800 €		Living allowance*	4650 €
			Mobility allowance	600 €
Management and indirect costs	500 €		Family allowance	500 €

* The living allowance base rate is multiplied by Country Correction Coefficient – for Greece 92,7%



MSC actions – Financial Overview

ITN				
Research, networking,	1800 €		Living allowance*	3110 €
training costs			Mobility allowance	600 €
Management and indirect costs	1200 €		Family allowance	500 €

* The living allowance base rate is multiplied by Country Correction Coefficient – for Greece 92,7%



MSC actions – Financial Overview

COFUND

Management costs	325 €
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Living allowance Early-stage researchers	1855 €
Living allowance Experienced researchers	2625 €

* The living allowance base rate is multiplied by Country Correction Coefficient – for Greece 92,7%



MSC actions – Financial Overview

	R	RISE
Research, networking, training costs	1800 €	Top-up allowance 2000 €
Management and indirect costs	700 €	

* The living allowance base rate is multiplied by Country Correction Coefficient – for Greece 92,7%



Opportunities for individual researchers

- As a researcher I want to...
 - ☑ Undertake a **project** in Europe or outside Europe;
 - ✓ Spend my time at **leading labs;** Opportunities to work and train with the best researchers in Europe and worldwide;
 - ☑ Be part of a well-established and prestigious programme;
 - Benefit from good working conditions: employment contracts, full social security, very competitive salaries etc.*;
 - \square Work with **businesses**;
 - ☑ Be part of an **exchange**...
 - Access to top level conferences, professional associations & Marie Curie Alumni;
 - ... Marie Skłodowska-Curie Actions!
- *European Charter for Researchers and code for conduct for recruitment; the Democritus University of Thrace has signed it.



Opportunities for individual researchers

Compare to researchers in general:

- Short-term employability
- MSC fellowships are very effective in improving fellows' short-term employability;
- MSC fellows are some 8% more likely of obtaining a permanent position after the fellowship;
- MSC fellows are more likely to obtain an ERC grant;
- Retention by hosts
- MSC fellows are some 11% more likely to be retained by hosts, especially after long fellowships.





Opportunities for individual researchers



DOCUMENTATION C E N T R E

Opportunities for host organisations: who can participate?

Academia

Public or private **High Education Institutions** awarding academic degrees

Public or private **non-profit research organisations**

International **European interest** organisations

Universities Non-profit research institutes IEIOs

Business and nonacademia

Broad definition:

Any socio-economic actor not included in the academic sector definition

Industry SMEs

Other socioeconomic actors



Individual fellowships - Main Features

- Only for experienced researchers;
- Focus on career development, not necessarily experience;
- Open to hosts from both academic and non-academic sectors;
- Can include 3 6 months at another organisation anywhere in Europe ("on secondment");
- Mobility: Applicants must not have resided or carried out their main activity in the country of the host organisation for more than 12 months in the 3 years immediately prior to the call deadline;
- Separate multidisciplinary panels for Society & Enterprise (€10m earmarked budget), Career Restart, and Reintegration all with the same special mobility rule;
- Duration: 2 years (Global Fellowships: 3 years).
- Budget for 2017 call: € 248 Million;



IF - Individual Fellowships

European Fellowships



Reintegration Panel

Career Restart Panel

Global Fellowships







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Return phase – 1 year
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IF – Society and Enterprise Panel

- The objective is to encourage **non-academic** organisations to host individual fellows;
- Most requirements common to other European Fellowships;
- Beneficiary **only** from non-academic sector;
- Mobility rule = not more than 3 years in the last 5 years in the country of the beneficiary;
- Dedicated budget of **10 EUR million**;



IF Reintegration Panel

Return and reintegration of researchers into a longer term research position in Europe;

- Separate multi-disciplinary reintegration panel (RI);
- Researchers must be a national or long-term resident of EU or AC;
 - Long term resident: at least 5 consecutive years of research activity in one or more EU Member State or AC;
- <u>Mobility rule different</u>: Applicants must not have resided or carried out their main activity in the country of the host organisation for more than **36 months** in the **5 years** immediately prior to the call deadline;
 - Mobility <u>into</u> Europe is essential.



IF - Career Restart Panel

- Multidisciplinary panel to provide financial support to individual researchers who wish to resume research in Europe after a career break (e.g. after parental leave, working outside research, etc.).
- For refugees covered by the 1951 Refugee Convention (Geneva Convention), the refugee procedure (i.e. before refugee status is conferred) will not be counted as 'period of residence/activity in the country of the beneficiary'. This is regardless of whether he/she was active in research at that time.
- The experienced researcher must have undertaken a career break in research, i.e. he/she must not have been active in research for at least 12 months immediately prior to the deadline for submission of proposals (corresponding to the period 15 September 2016 to 14 September 2017).
- Whether or not the researcher has been active in research is determined on the basis of fellowships or employment contracts in the domain of research.



COFUND

- Co-funding new or existing regional, national, and international programmes;
- Fellowships programmes (ER) or Doctoral programmes (ESR);
- Mono-beneficiary: any organisation funding or managing doctoral or post- doctoral programmes; could be universities, research centres, industries etc.; signs the grant agreement;
- Partner organisations: could be universities, research centres, industries etc.; do not sign the grant agreement;
- Minimum living allowance fixed in the Work Programme; No correction coefficient applies in the living allowance;
- EU contribution to co-fund living allowances for researchers and management costs;
- Budget for 2017 call: € 80 Million(Doctoral Programmes: 30 Mio).



COFUND Fellowships Programmes

- MSCA COFUND fellowships projects offer 'postdoc' positions similar to the IF;
- Employment contracts with full social security;
- Minimum which hosting organisations should pay their COFUND fellows: 3675 €;
- All positions are **advertised** on the European Researcher Mobility Portal EURAXESS <u>http://ec.europa.eu/euraxess/jobs</u>;



COFUND Doctoral Programmes

- MSCA COFUND projects offer PhD candidate-level positions similar to those in an ITN programme;
- Employment contracts with full social security;
- Minimum monthly rate which hosting organisations should pay their COFUND fellows: 2597€;
- All positions are **advertised** on the European Researcher Mobility Portal EURAXESS <u>http://ec.europa.eu/euraxess/jobs</u>;



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ITN

Innovative Training Networks

- Raise excellence and structure research and doctoral training;
- Trigger cooperation and exchange of best practice among participants;
- Enhance researchers' employability and provide them with new career perspectives;
- Only for early stage researchers;
- Fellowships of **3-36 months** ;
- Project duration up to 4 years ;
- Maximum **540** person-months (EID: 180);
- Budget for 2017 call: € 430 Million (EID: 28 Mio, EJD 32 Mio)



ITN – 3 modes of implementation

- ETN European Training Networks
- at least 3 beneficiaries from 3 different EU MS or AC. Above this minimum any country can participate;

✓ EID - European Industrial Doctorates

- at least 2 beneficiaries established in 2 different MS or AC;
- At least one beneficiary must be entitled to award doctoral degrees and at least one beneficiary must come from the non-academic sector, primarily enterprise;
- Each researcher enrolled in a doctoral programme and spend at least
 50% in the non-academic sector;
- The joint supervision of fellows by supervisors from each sector is mandatory;

EJD - European Joint Doctorates

- at least 3 beneficiaries from different EU MS or AC which are entitled to award doctoral degrees;
- creation of joint doctoral programmes, leading to the delivery of joint, double or multiple doctoral degrees.



• RISE

Research and Innovation Staff Exchange

- Common research and innovation project;
- International and inter-sector transfer of knowledge and sharing of ideas and of R&I culture;
- Staff member at least 6 months at the sending institution;
- Secondments from 1 to 12 months;
- Project duration up to **4 years**;
- Maximum **540** person-months;
- No correction coefficient applies to the top-up allowance;
- Budget for 2017 call: € 80 Million;



RISE – Eligibility Conditions

- At least **3 independent participants** in 3 different countries
- At least 2 participants from 2 different MS/AC
- If all in MS/AC: at least 1 academic and 1 non-academic

In addition:

- All Countries can participate in RISE;
- All nationalities can participate in RISE;

- All institutions fulfilling the requirements of the Horizon 2020 Rules for Participation can participate in RISE;

- No mobility rules* for RISE;
- * Only inter-sector secondments within Europe;

No secondments between institutions located outside Europe or within the same MS/AC On top of minimum of three organisations other may participate. The average number of participants in RISE is 8.



Hints for a successful Proposal

Before you start preparing your proposal

- Read carefully the Work Programme, at least the part that interests you the most;
- Read more than carefully the Guide for applicants;
- Provide the evaluators with evidence for your claims, but avoid external resources (links to websites etc.);
- Graphics and charts can be very helpful, but don't overdo it! Make sure they are readable in black & white;
- Page limit 10 pages (for IF) and 30 pages (for ITN and RISE) to be absolutely respected.
- Take also note of the following...



Hints for a successful proposal

- Proposal should make the evaluators' "life" easier (consistent, well-written, "built" around the award criteria);
- The evaluators may not all be world experts in <u>exactly</u> the area of your proposal avoid using very specific jargon and acronyms!
- Provide the evaluators with evidence for your claims, but avoid external resources (links to websites etc.);
- Graphics and charts can be very helpful, but don't overdo it! Make sure they are readable in black & white.
- Check the English with a native speaker if possible.
- Take also note of the following...



Hints for a successful IF Proposal

- Explain the contribution that your project is expected to make. Your project should be innovative and original. It cannot look like a continuation of a PhD.
- Demonstrate the expertise of the host institution as well as the expertise of the scientific in charge in the field of research you want to explore. Information must be given on host's expertise in training experienced researchers and capacity to provide mentoring/tutoring.
- Describe how this project will contribute to your own career. The potential of the fellow to acquire new competencies should be clearly described.
- ✤ Find a successful proposal (Google also helps "Part B").



Structure of the Proposal

Part A - structured data -

European Commission - Research - Petropants Proposal Submission Forms Research Earcobin Agery Valdeer Form Sear And Con		
Horizon 2020		
Sub-programme		
Call: H2020-MSCA-ITN-2014		
Topic: MSCA-ITN-2014-ETN	General information	
Action: MSCA-ITN-ETN	General information	
Proposal Number: SEP-210132046		
Proposal Acronym: 123	Participants & contacts	
Table of contents		
Section Title Action	Budget	
1 General information Store	5	
2 Participants & contacts Stow		
4 Ethics Stow	Ethics	
5 Call-specific questions		
How to fill in the formo? The administrative forms must be filled in for each proposal using the templates available in the submission system. Sor data fields in the administrative forms are pre-filled based on the previous steps in the submission ward.	Call-specific questions	
Read more IC0200-mpgiff - We 154 20140318 Page 1 of 12 Last sevel 24032014 at 3600		

Part B - description of action -

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	Part B Template
	START PAGE
MA	RIE SKŁODOWSKA-CURIE ACTIONS
	Individual Fellowships (IF) Call: H2020-MSCA-IF-2014
	PART B
	"PROPOSAL ACRONYM"
	"Title"
	This proposal is to be evaluated as:
	[Standard EF] [CAR] [RI] [GF] [Delete as appropriate]
	Part ≣ - Page × of v



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CENTRE

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MSCA 2016-2017 Calls

Funding scheme	Call deadlines	Budget
ITN	15/09/2016 - 10/01/2017	EUR 430.00 million
IF	11/04/2017 - 14/09/2017	EUR 248.00 million
RISE	01/12/2016 - 05/04/2017	EUR 80.00 million
COFUND	05/04/2017 - 28/09/2017	EUR 80.00 million
		ΕΘΝΙΚΟ ΚΕΝΤΡ ΤΕΚΜΗΡΙΩΣΗ

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More Information

Marie Skłodowska-Curie Website

http://ec.europa.eu/msca

Horizon2020

http://ec.europa.eu/programmes/horizon2020

Participant Portal (applications/documents)

http://ec.europa.eu/research/participants/portal

Euraxess (jobs, rights, services, etc.)

http://ec.europa.eu/euraxess/

European Charter for Researchers

http://ec.europa.eu/euraxess/index.cfm/rights/whatIsAResearcher

MSCA on Facebook https://www.facebook.com/Marie.Curie.Actions MSCA on Twitter @MSCactions



For questions

- H2020 Help desk
- <u>http://ec.europa.eu/research/index.cfm?pg=enquiries</u>
- Frequently Asked Questions
- <u>http://ec.europa.eu/research/participants/portal/desktop/e</u> n/support/faq.html
- National Contact Points
- <u>http://ec.europa.eu/research/participants/portal/desktop/e</u> <u>n/support/national_contact_points.html</u>
- Marie Curie Alumni Association
- <u>https://www.mariecuriealumni.eu/</u>



Thank you for your attention

Henry Scott <u>hscott@ekt.gr</u>

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Helpdesk for the Marie Sklodowska-Curie Programme in Horizon 2020:email:msc@ekt.grphone:210 7273925

