

HORIZON 2020

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

**Ο ρόλος & οι υπηρεσίες του ΕΚΤ ως
Εθνικό Σημείο Επαφής για τον Ορίζοντα 2020**

**Γεωργία Μαζιώτη - Εθνικό Κέντρο Τεκμηρίωσης
Εθνικό Σημείο Επαφής για τον Ορίζοντα 2020 (ERC-MSCA)**



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MSCA

MSCA Objective:

Ensure the optimum development and dynamic use of Europe's intellectual capital in order to generate new skills, knowledge and innovation

Budget 2014-2020: €6 162 million
€841.32 million in 2017 for all calls together



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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)

What can be funded?

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

RISE

Research, networking, training costs	1800 €
Management and indirect costs	700 €

Top-up allowance	2000 €
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* The living allowance base rate is multiplied by Country Correction Coefficient – for Greece 92,7%



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MSC actions – Financial Overview

ITN

Research, networking, training costs	1800 €
Management and indirect costs	1200 €

Living allowance*	3110 €
Mobility allowance	600 €
Family allowance	500 €

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

MSC actions – Financial Overview

IF

Research, networking, training costs	800 €
Management and indirect costs	500 €

Living allowance*	4650 €
Mobility allowance	600 €
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%

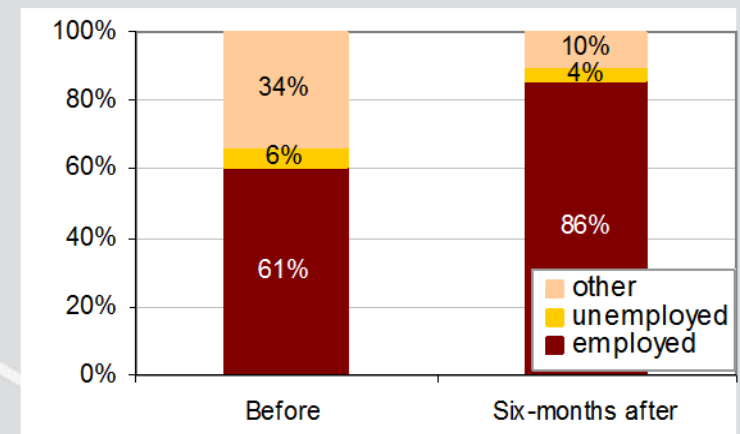
Opportunities for **individual** researchers

- 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.*;
 - ✓ 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

Early-stage Researchers (ESR)

Less than four years of research experience and no doctoral degree

ITN

RISE

COFUND

Experienced Researchers (ER)

At least four years of research experience and/or a doctoral degree

IF

RISE

COFUND



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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 non-academia

Broad definition:

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

Industry

SMEs

Other socio-
economic
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



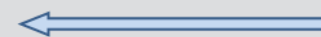
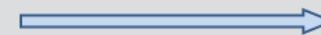
Reintegration Panel

Career Restart Panel

Global Fellowships



Outgoing phase – 2 years



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;
- Mobility rule different: 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 **into** 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 'post-doc' 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
<http://ec.europa.eu/euraxess/jobs> ;

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
<http://ec.europa.eu/euraxess/jobs> ;

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;*

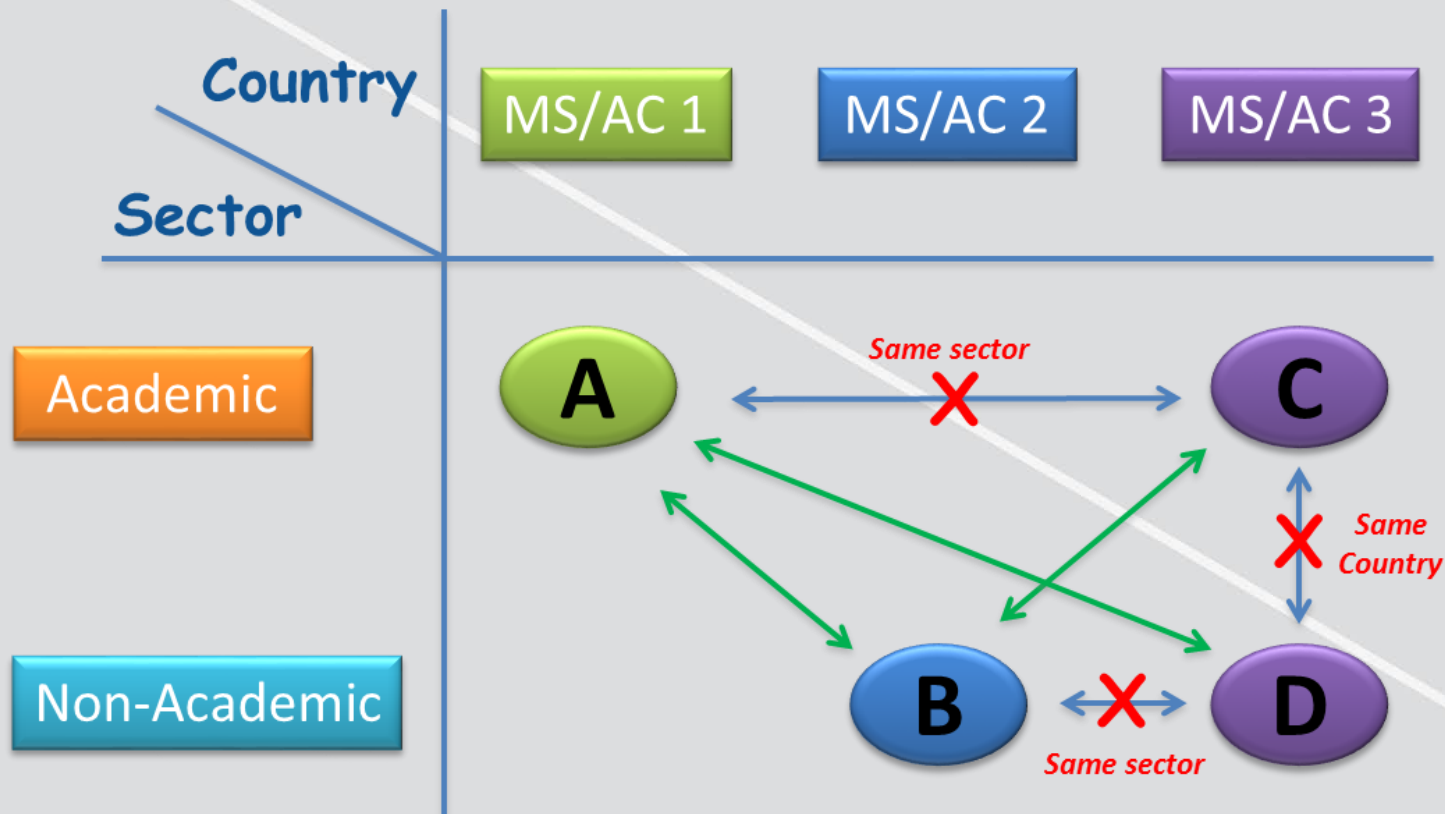
No secondments between institutions located outside Europe or within the same MS/AC

On top of minimum of three organisations other may participate. The average number of participants in RISE is 8.

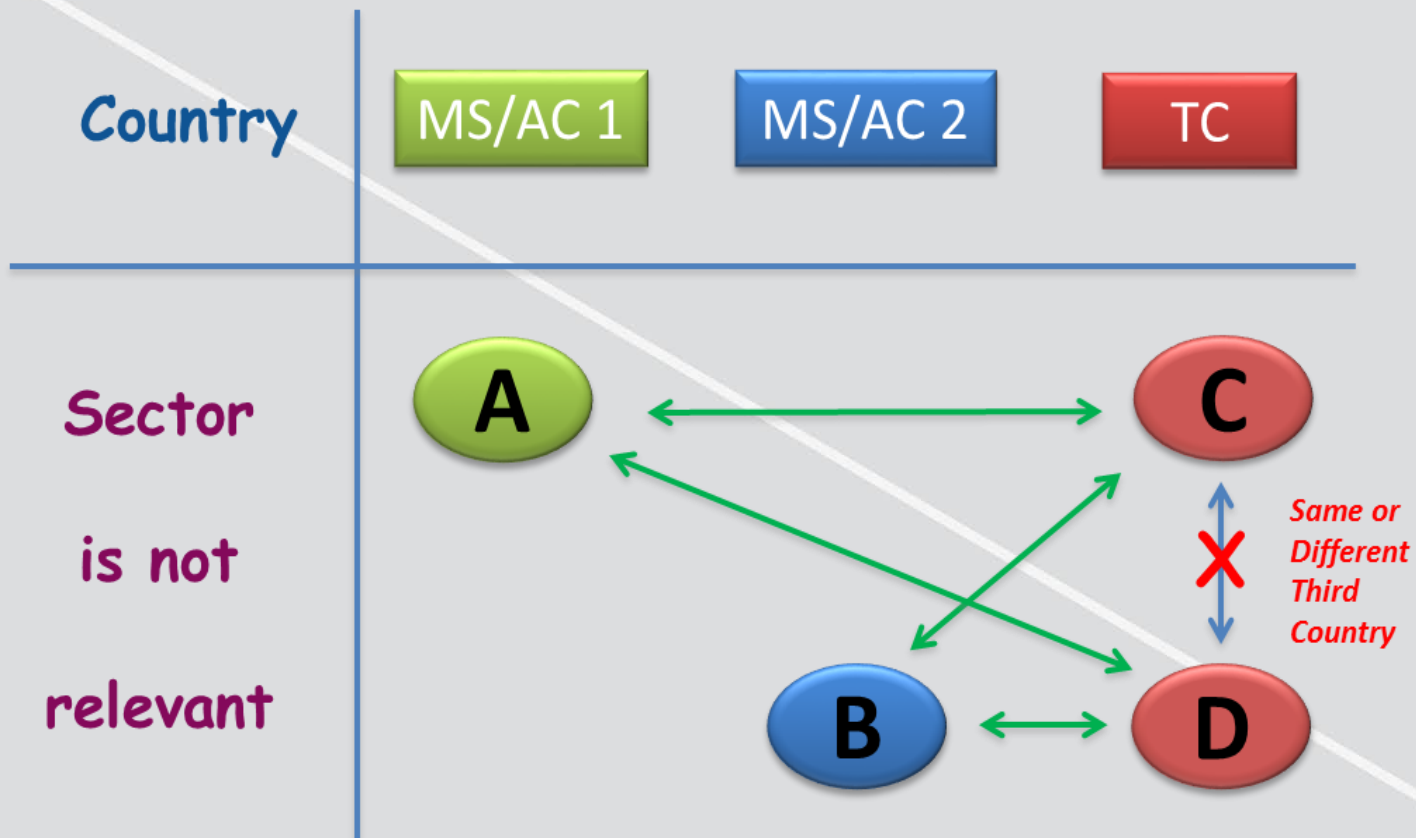


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Examples: Intra-European Exchanges



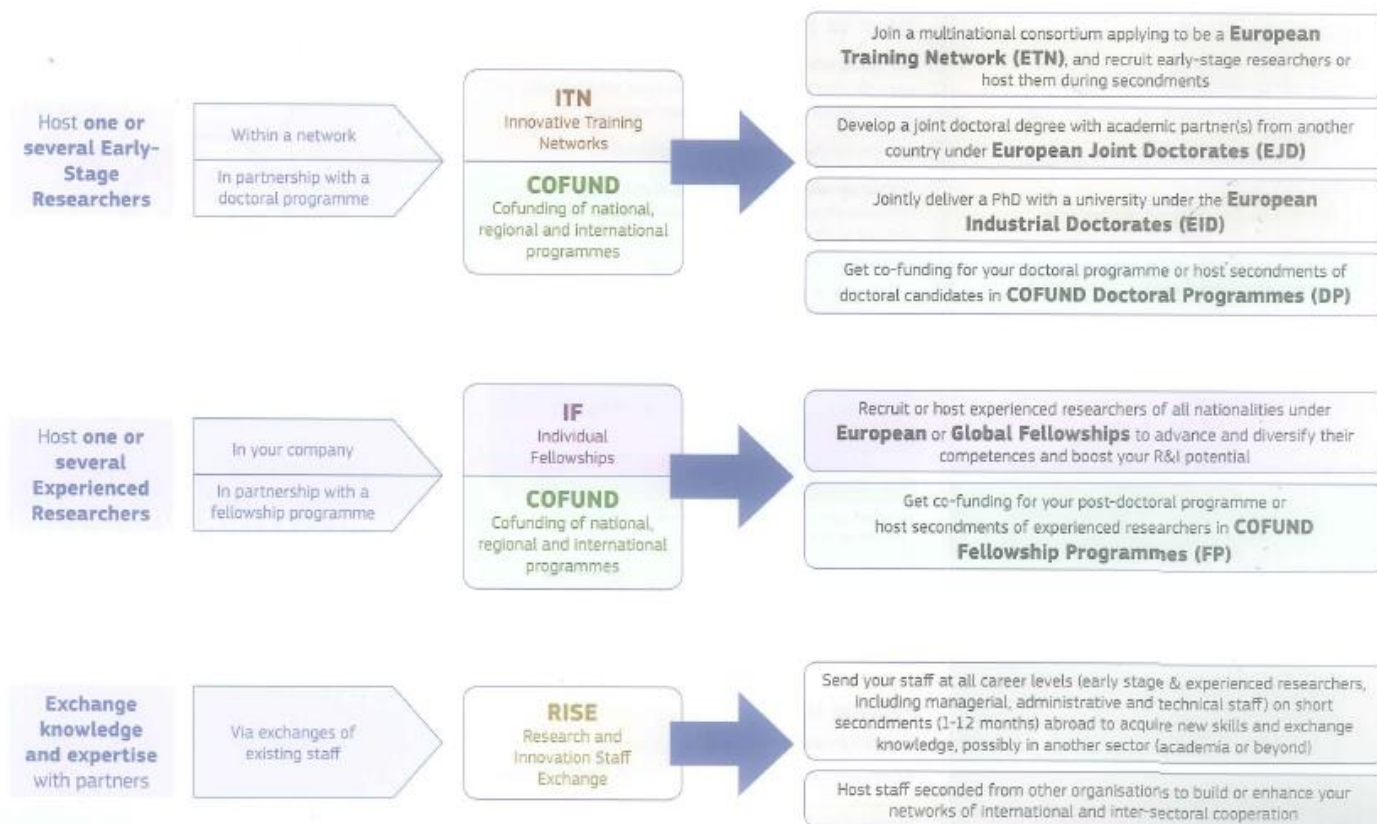
Examples: Europe-Third Countries Exchanges



MSCA -Opportunities for SMEs

With a budget of over EUR 6.1 billion for 2014-2020, the MSCA provide opportunities for businesses of all sizes, from SMEs to large corporations.

Which Marie Skłodowska-Curie action is best for you?



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 **exactly** 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 - Participants
Proposal Submission Forms
Research Executive Agency

Horizon 2020
Sub-programme
Call: H2020-MSCA-ITN-2014
Topic: MSCA-ITN-2014-ETN
Action: MSCA-ITN-ETN
Proposal Number: SEP-210132046
Proposal Acronym: 123

Table of contents

Section	Title	Action
1	General information	Show
2	Participants & contacts	Show
3	Budget	Show
4	Ethics	Show
5	Call-specific questions	Show

How to fill in the forms?
The administrative forms must be filled in for each proposal using the templates available in the submission system. So data fields in the administrative forms are pre-filled based on the previous steps in the submission wizard.

H2020-ITN.pdf - Ver 1.54 20140318 Page 1 of 12 Last saved 24/03/2014 at 16:00

General information

Participants & contacts

Budget

Ethics

Call-specific questions

Part B
- description of action -

PROPOSAL ACRONYM - Standard EF / CAR / RF / GF
(Delete as appropriate and include as header on each page)

Part B Template

START PAGE

MARIE 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] [RF] [GF]
(Delete as appropriate)

Part B - Page X of Y

Greece in MSCA

(H2020)

MSCA Fellows from Greece	206
Fellows hosted in Greece	103
Participations of all organisations from Greece	158
Participations of businesses from Greece	54
Number of SMEs from Greece	26

MSCA PARTICIPATIONS- H2020 PROJECTS

FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS	17
ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON	11
NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA	10
PANEPISTIMIO PATRON	10
ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	7
NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS"	7
ARISTOTELIO PANEPISTIMIO THESSALONIKIS	5
ETHNIKO IDRYMA EREVNON	5
PANEPISTIMIO THESSALIAS	5
ATHENA RESEARCH AND INNOVATION CENTER IN INFORMATION COMMUNICATION & KNOWLEDGE TECHNOLOGIES	4
PANEPISTIMIO IOANNINON	4
NATIONAL OBSERVATORY OF ATHENS	3
UNIVERSITY OF MACEDONIA	3
AGRICULTURAL UNIVERSITY OF ATHENS	2
BIOMEDICAL SCIENCES RESEARCH CENTER ALEXANDER FLEMING	2
HELLENIC CENTRE FOR MARINE RESEARCH	2
IDRIMA MEIZONOS ELLINISMOU	2
IDRYMA IATROVIOLOGIKON EREUNON AKADEMIAS ATHINON	2
PANEPISTIMIO AIGAIΟΥ	2
PANEPISTIMIO KRITIS	2

MSCA COORDINATIONS- H2020 PROJECTS

FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS	9
ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON	5
NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS"	4
NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA	4
ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	3
PANEPISTIMIO IOANNINON	2
UNIVERSITY OF MACEDONIA	2
ATHENA RESEARCH AND INNOVATION CENTER IN INFORMATION COMMUNICATION & KNOWLEDGE TECHNOLOGIES	1
BIOMEDICAL SCIENCES RESEARCH CENTER ALEXANDER FLEMING	1
ETHNIKO IDRYMA EREVNON	1
HAROKOPIO UNIVERSITY	1
INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS	1
NATIONAL OBSERVATORY OF ATHENS	1
PANEPISTIMIO KRITIS	1
PANEPISTIMIO PATRON	1
PANEPISTIMIO THESSALIAS	1
PANTEIO PANEPISTIMIO KOINONIKON KAIPOLITIKON EPISTIMON	1
THE RESEARCH COMMITTEE OF THE TECHNICAL UNIVERSITY OF CRETE	1

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

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



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For questions

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



Σας ευχαριστώ για την προσοχή σας!

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Helpdesk για το Horizon 2020 | email: horizon2020@ekt.gr Τηλ.: 210 7273925



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