

Acciones Marie Skłodowska-Curie (MSCA)

Movilidad de investigadores

(ITN y COFUND)

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GOBIERNO
DE ESPAÑA

MINISTERIO
DE CIENCIA, INNOVACIÓN
Y UNIVERSIDADES

FECYT



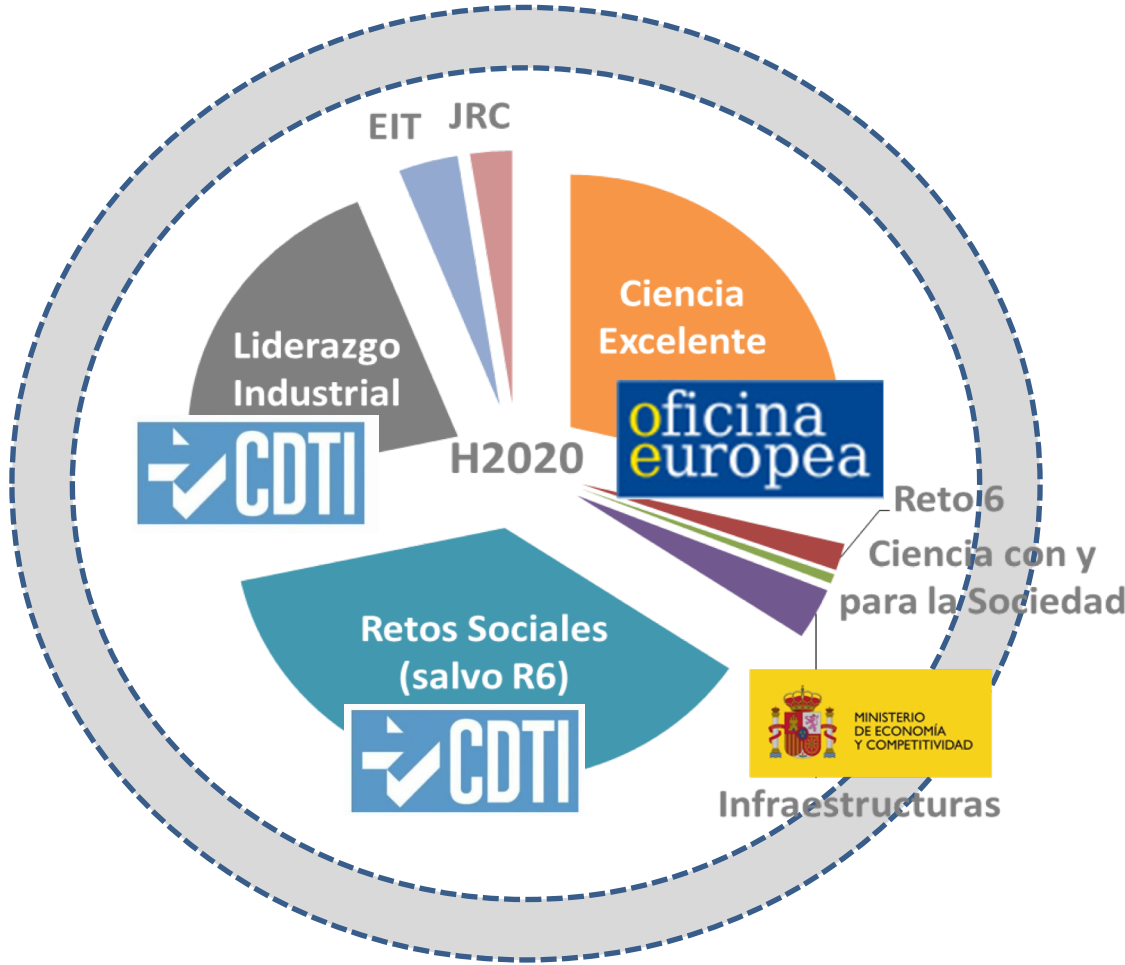
FUNDACIÓN ESPAÑOLA
PARA LA CIENCIA
Y LA TECNOLOGÍA

oficina
europea

CONTENT

- I. **MSCA Spanish Support**
- II. **General aspects of MSCA**
- III. **MSCA Innovative Training Networks Call 2019**
- IV. **MSCA Co-funding of programmes COFUND**

I. The European Office of FECYT/MCIU



Objective

- Promote the participation and leadership of the Spanish R&I system in H2020.

Areas

- EXCELLENT SCIENCE: ERC, **MSCA**, FET
- SWAFS
- Challenge 6
- COST

Target group

- OPIs, Universities, public R&I centres

I. Spanish MSCA Support: 2014-2017



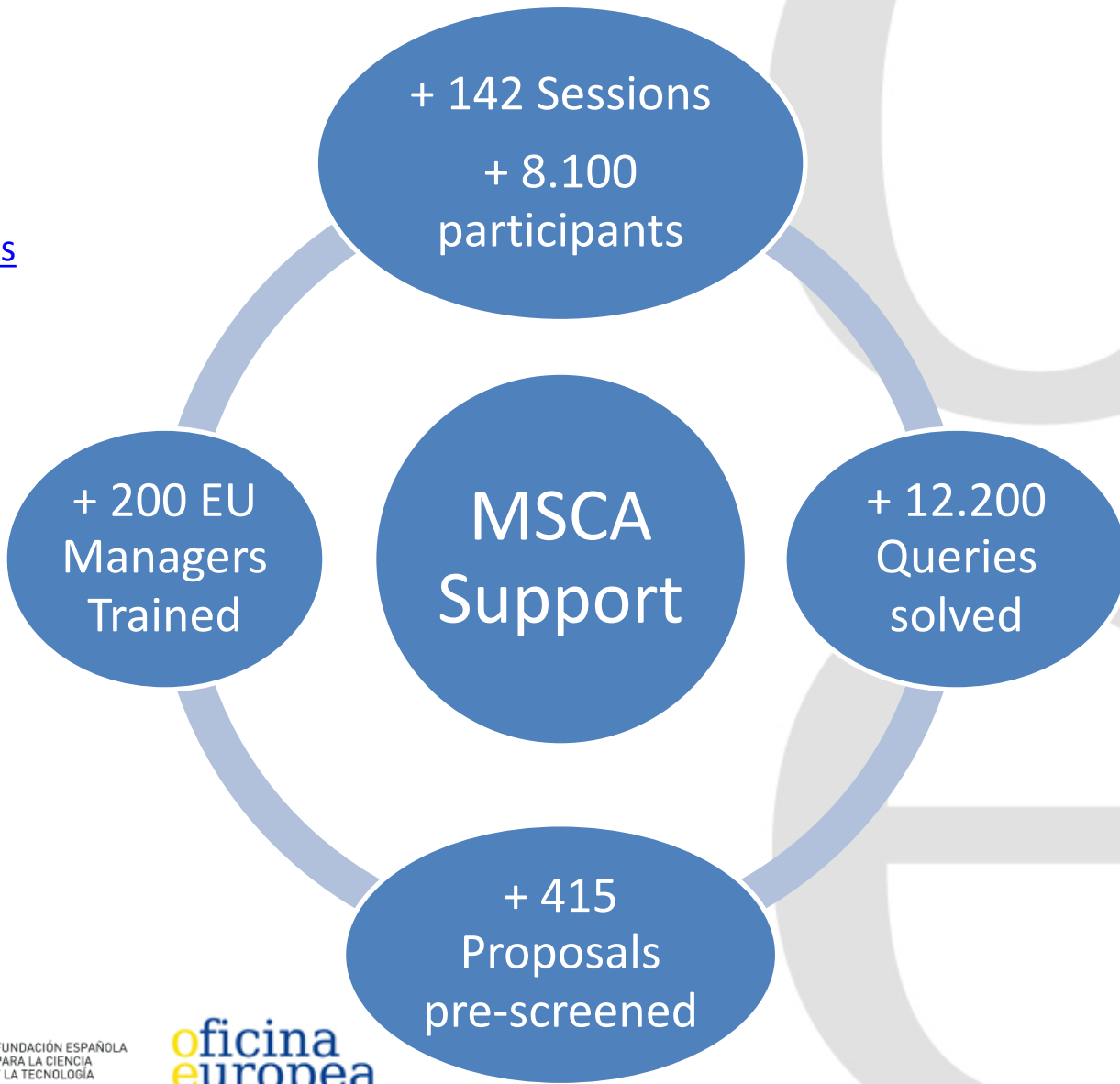
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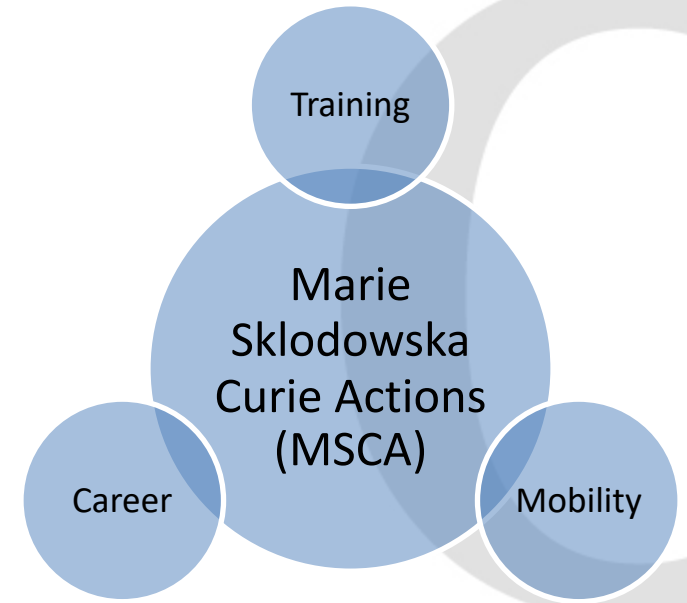


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II. MSCA Objectives

- **Excellent Science Pillar – Horizon 2020 (6,1M€)**
- **Bottom-up** approach
- Funding based on **Unit Costs**
- Support of the researchers' **career path** at all stages
- **Mobility** is a key requirement: triple “i” dimension
- Acquisition of **new** and **complementary skills**
- **Strong industry participation**
- **Excellent working conditions**, gender balance and open recruitment
- Emphasis on communication and **public engagement activities**



Marie Skłodowska-Curie Actions

OPEN

ITN

Innovative Training Networks

What does it offer?

High-quality research training delivered through interdisciplinary networks, industrial doctorates or joint doctorates.

Who applies?

International networks of research organisations from the academic and non-academic sectors

Who is funded?

Researchers at doctoral level (less than 4 years of full-time research experience and no doctoral degree)

IF

Individual Fellowships

What does it offer?

Opportunities to work on personal research projects by moving between countries and possible sectors to acquire new skills.

Who applies?

Individual researchers together with the host organisations

Who is funded?

Postdoctoral researchers

RISE

Research & Innovation Staff Exchange

What does it offer?

The exchanges of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge.

Who applies?

International networks of research organisations from the academic and non-academic sectors

Who is funded?

Researchers, technical administrative and managerial staff of any nationality and at all career levels

COFUND

Co-Funding of Regional, National & International Programmes

What does it offer?

Regional national or international programmes to foster excellence in training mobility and career development of researchers

Who applies?

Organisations funding or managing doctoral or fellowships programmes

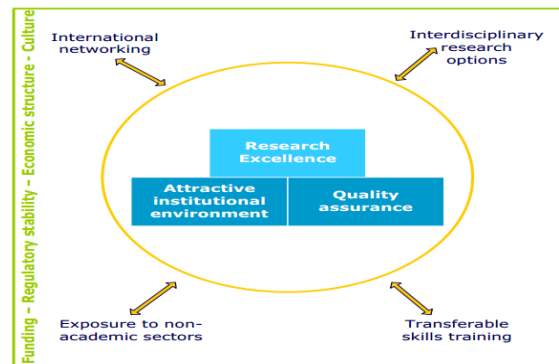
Who is funded?

Researchers at doctoral and postdoctoral level

II. MSCA – ITN 2019: Objectives

- To **train** a new generation of **creative, entrepreneurial and innovative early-stage researchers** able to face current and future challenges and to convert knowledge and ideas into products and services for economic and social benefit.
- To **raise excellence and structure research and doctoral training**, extending the traditional academic research training setting, incorporating the elements of Open Science and equipping researchers with the **right combination of research-related and transferable competences**
- To **provide enhanced career perspectives** in both the academia and non-academic sectors through international, international, interdisciplinary and inter-sectoral mobility combined with an innovation-oriented mind-set

**ITN is not a research project
It is RESEARCH TRAINING
PROGRAMME**



HR POLICIES FULLY ALIGNED WITH
CHARTER & CODE FOR RESEARCHERS

II. MSCA – ITN 2019: A typical ITN

- **Consortium of organisations** from different countries and sectors
- **Joint** research training programme / Joint doctoral programmes
- **Recruitment** of Early – Stage Researchers to carry out their Individual Research Project
- **Networking** activities
- **Exposure** to non-academic sector
- Advanced **research skills and transferable skills** training
- Duration of projects: maximum **4 years**
- **Recruitment of researchers:** min. 3 months – max. 36 months

European Training
Networks
(ETN)

European Joint
Doctorates
(EJD)

European Industrial
Doctorates
(EID)

II. The three ITN modes

European Training Networks (ETN)

- 3 beneficiaries
- 3 MS / AC
- **No mandatory** Phd Enrollment
- Max. 40% budget to one country
- Max. 15 ESR recruited
- 30% secondments in other hosts
- Partner Organisations as needed

European Joint Doctorates (EJD)

- 3 **academic** beneficiaries
- 3 MS / AC
- **Mandatory** Doctoral programme (**joint, double or multiple**)
- Max. 40% budget to one country
- Max. 15 ESR recruited
- **Joint government structure**
- Secondments: time varies
- Partner Organisations as needed

European Industrial Doctorates (EID)

- 2 beneficiaries (2 **sectors**)
- 2 MS / AC
- Mandatory Doctoral programme
- **>= 50% time non-academic sector**
- **Joint government structure**
- 2 beneficiaries: Max. 5 ESR recruited
- **For 3 beneficiaries = ETN / EJD**
- Secondments: International/intersectoral
- Partner Organisations as needed

Academic and non-academic Sectors

Partner Organisations

II. Who is recruited in ITN project?



EARLY STAGE RESEARCHES (ESR)

- ESR** should **be in their first 4 years of research experience** and no doctoral degree at the time of their first recruitment in the ITN.
- Mobility rule:** could not have resided or carried out their main activity in the country of the host institution for more than **12 months in the 3 years immediately prior to the first contract in the ITN.**
- No nationality restrictions**
- Open, transparent and merit-based **recruitment**

Full time equivalent research, FTE: is measured from the date when a researcher obtained the degree which would formally entitle him/her to embark on a doctorate, either in the country in which the degree was obtained or in the country in which the researcher is recruited, irrespective of whether or not a doctorate is or was ever envisaged.

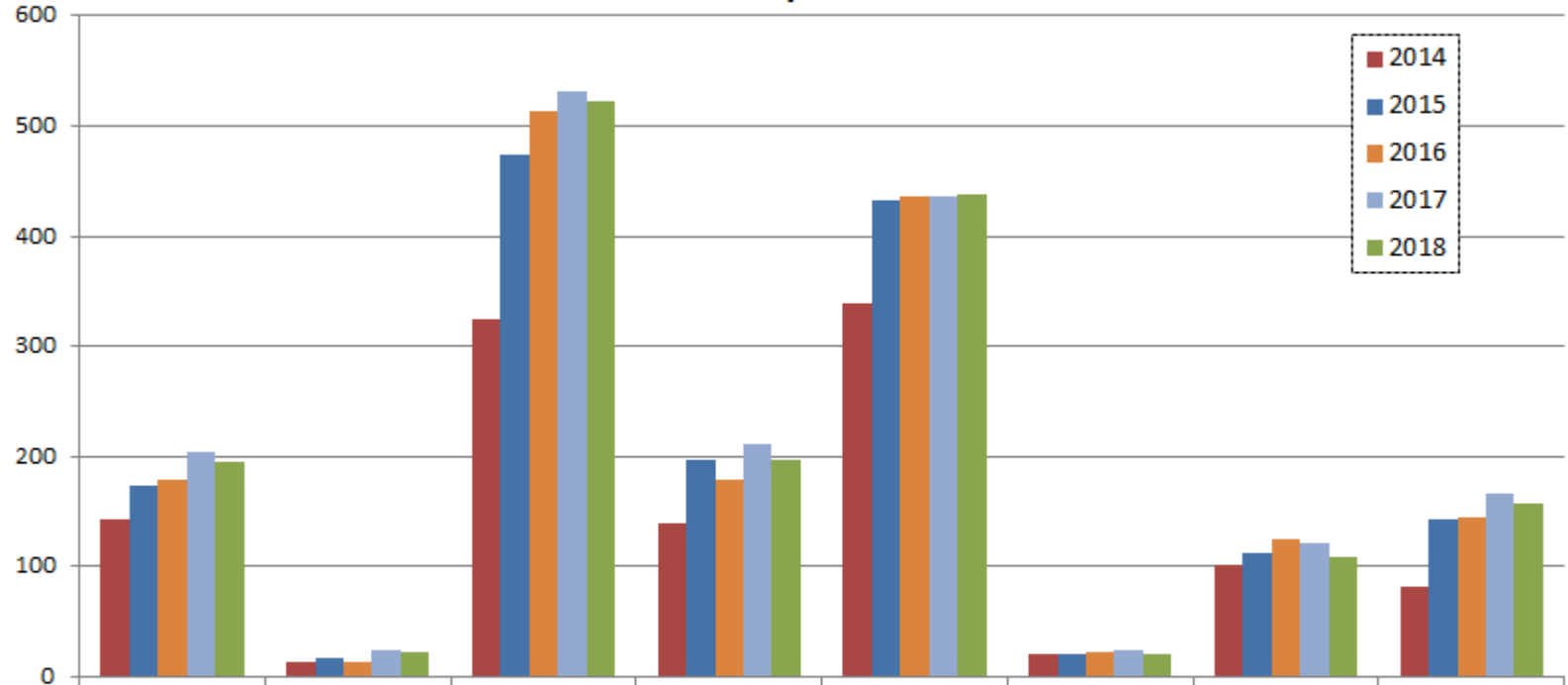
II. MSCA ITN 2019: financing – 100% Unit Costs

MSCA	RESEARCHER UNIT COST [PERSON/MONTH]			INSTITUTIONAL UNIT COST [PERSON/MONTH]	
	Living allowance*	Mobility allowance	Family allowance	Research, training and networking costs	Management and overheads
ITN	3.270	600	500	1.800	1.200

<p>RESEARCHER UNIT COST</p> <p>Living Allowance:</p> <ul style="list-style-type: none"> Country coefficient correction applies. ES: 95,4% Gross EU contribution (then reduction of taxes, Social Security, company taxes...) <p>Family Allowance: determined at the recruitment date</p>	<p>INSTITUCIONAL UNIT COST</p> <p>Research, training and networking costs:</p> <ul style="list-style-type: none"> purchase of materials, meetings, travel to workshops, organisation of training courses, secondments, fees... <p>Management and overheads:</p> <ul style="list-style-type: none"> Indirect costs to be used by institution Possible redistribution between members
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II. ITN 2018 Data: 1658 proposals received

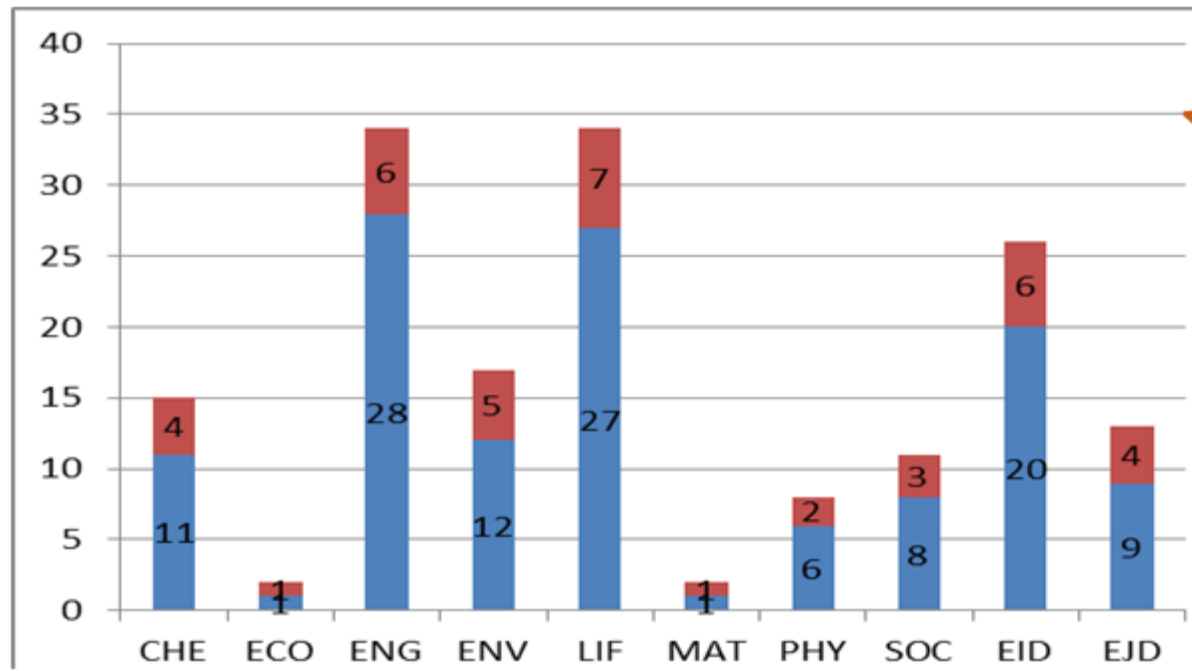
Submitted Proposals in ITN



	CHE	ECO	ENG	ENV	LIF	MAT	PHY	SOC
2014	143	13	325	140	338	21	102	82
2015	173	17	473	197	432	21	112	142
2016	178	14	514	178	436	22	124	145
2017	204	24	531	211	436	25	121	166
2018	195	22	522	196	438	20	108	157

II. ITN 2018 Data: 123 funded proposals

Main and Reserve list per panel



Inadmissible:
1 ETN
Ineligible:
4 EID, 1 ETN
proposals

■ reserve list
■ main-list

	CHE	ECO	ENG	ENV	LIF	MAT	PHY	SOC	EID	EJD	Grand Total ITN
Main List	11	1	28	12	27	1	6	8	20	9	123
Reserve List	4	1	6	5	7	1	2	3	6	4	39
Total evaluated	166	20	418	174	395	11	98	135	152	81	1650
Success rate (Main List)	6,6%	5,0%	6,7%	6,9%	6,8%	9,0%	6,1%	5,9%	13,1%	11,1%	7,5%



II. Health sector in MSCA

There are 185 MSCA unique projects with selected keywords

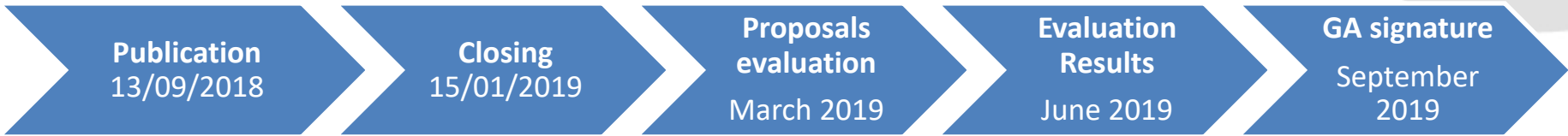
Keywords	MSCA-IF	MSCA-ITN	MSCA-RISE	Sum:
Ageing, health social policies	4	2	1	7
Bioinformatics, e-Health, medical informatics	34	8	7	49
Environmental determinants of health	2	1		3
Environment and health risks, occupational medicine	23	1	1	25
Health services, health care research	43	10	11	64
Public health and epidemiology	60	10	5	75
Unique projects (not sum!)	135	27	23	185

II. Timing and evaluation MSCA – ITN 2019

Call ITN 2019: 470.00M€

Call ID	Opens	Closes	Budget
H2020-MSCA-ITN-2019	13-09-2018	15-01-2019	ETN: 400.00M€ EID: 35.00M€ EJD: 35.00M€

Timetable for the H2020-MSCA-ITN-2018 Call (8 months TTG)



Evaluation Criteria

Criteria	Weight	Priority (ex.aequo)
Excellence	50%	1
Impact	30%	2
Implementation	20%	3

Overall Threshold 70%
No individual overall



III. MSCA COFUND: Objectives

Aims at stimulating regional, national or international programmes to foster excellence in researchers' training, mobility and career development

- **Mono-beneficiaries:** legal entities established in MS or AC or international European interest organisations **that manage or fund doctoral programmes or fellowship programmes** for researchers.
- Duration of projects: between 3 and 5 years
- **EU funds Unit Cost contribution to living allowances for researchers and management costs**
- Sinergies with other funds (structural funds - RIS3)



**Doctoral
Programmes**



**Fellowship
Programmes**

III. MSCA COFUND: Financing

EU Contribution

Categories of eligible costs	Costs of researchers <u>PER MONTH</u>	Institutional costs <u>PER MONTH</u>
Marie Skłodowska-Curie Action	Living Allowance (a)	Management costs (b)
COFUND	ESR: 1855 ER: 2625	325

ESR = Early-stage Researcher => PhD Student

ER = Experienced Researcher => Postdoc/Research Fellow

COFUND only co-finances the Living Allowance and the Management Costs – all other costs (e.g. mobility allowance, research, travel, family allowance, indirect costs (overheads) must be financed from own budget

	ESR (Student) PER MONTH	ER (Researcher) PER MONTH
Living Allowance plus Mobility Allowance	€2597	€3675

Minimum requirement!


III. A COFUND example

- Programme Duration: 60 months
- Nº of calls: 1
- N^a of ESR: 8
- Duration contracts: 36 months
- Managed by BIONAND
- ESR hosted at UMA

<http://www.nanomed-cofund.eu/>

NANOMEDICINE DOCTORAL PROGRAMME

Submission of proposals: **1st October 2016 - 30th December 2016**

Register and send your proposals here 

Nanomedicine Doctoral Programme (NanoMedPhD) is a new strategic programme which aims to provide trans-national mobility for Early-stage researchers and offer them training activities that lead to the award of a doctoral degree in the emerging and multidisciplinary field of nanomedicine.

NanoMedPhD will launch an **open call** for fellowships in 2016 for a total number of **8 three-years incoming fellowships to obtain a doctoral degree**, as follows:

- 3 fellowships for Nanodiagnostics Area
- 2 fellowships for Therapeutic Nanosystem Area
- 3 fellowships for Regenerative Nanomedicine Area

The scientific supervision of their research activity (thesis project) will take place in the **Andalusian Center for Nanomedicine and Biotechnology (BIONAND, located in Málaga, Spain)** through its Principal Investigators, and regarding the academic formation, the fellows will be enrolled in one of the four Doctoral Programmes related to this discipline, offered by the University of Málaga (UMA), which is the academic partner of this programme.

Inicio / Ciencia Excelente / Acciones Marie Skłodowska-C...

Consejo Europeo de Investigación (ERC)

Acciones Marie Skłodowska-Curie

- Innovative Training Networks (ITN)
- Individual Fellowships (IF)
- Spanish Hosting Offers - IF 2018
- Co-funding of Regional, National and International Programmes (COFUND)
- Research and Innovation Staff Exchange (RISE)
- Researchers NIGHT
- Convocatorias
- Tecnologías Futuras

Acciones Marie Skłodowska-Curie

Las **Acciones Marie Skłodowska-Curie** buscan garantizar el desarrollo óptimo y el uso dinámico del capital intelectual de Europa, con el fin de generar nuevas capacidades e innovación y, de este modo, realizar plenamente su potencial en todos los sectores y regiones.

Aunque Europa alberga un conjunto grande y diversificado de recursos humanos capacitados en investigación e innovación, tiene que renovarlo, mejorarlo y adaptarlo constantemente a las **necesidades del mercado laboral**, que cambian rápidamente.

La necesaria reforma ha de comenzar en las primeras fases de la trayectoria profesional de los investigadores, durante sus estudios de doctorado o formación de posgrado y es necesaria la implicación de las empresas, incluidas las PYME y otros agentes socioeconómicos, para formar a los investigadores con las aptitudes de innovación que exigen los empleos del mañana.

SERVICIOS

- Contacto
- Listas de distribución OE
- Documentos de interés
- Eventos
- Noticias
- Enlaces

Offers for MSCA Individual Fellowships in Spain



[Web Eshorizonte2020 - Sección MSCA](#)

Gracias por su atención!

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[EU Participant Portal](#)