EURADIA
Worldwide Consultants

| Presencia **12** Países | Constitución **1994** 22 años experiencia | **3 sedes** Madrid Bruselas Roma | Equipo multidisciplinar Evaluadores proyectos **55** | **350** RED expertos a nivel internacional | Red de comercialización tecnológica internacional |

PROYECTOS DE I+D+I

Identificación, concepción, redacción, presentación y gestión de proyectos de I+D+i. Ámbito nacional y/o europeo (Horizonte 2020). Ayudamos a definir el IMPACTO de los proyectos

TRANSFERENCIA Y COMERCIALIZACIÓN TECNOLÓGICA

Desarrollamos un amplio catálogo de servicios para ayudar a nuestros clientes a transferir y comercializar su tecnología a nivel internacional.

ESTRATEGIA DE MERCADO EN TECNOLOGÍA E INNOVACIÓN

Nuestro equipo incrementa la posibilidad de desarrollo de negocio para nuestros clientes, reforzando sus capacidades y favoreciendo su presencia en el MERCADO
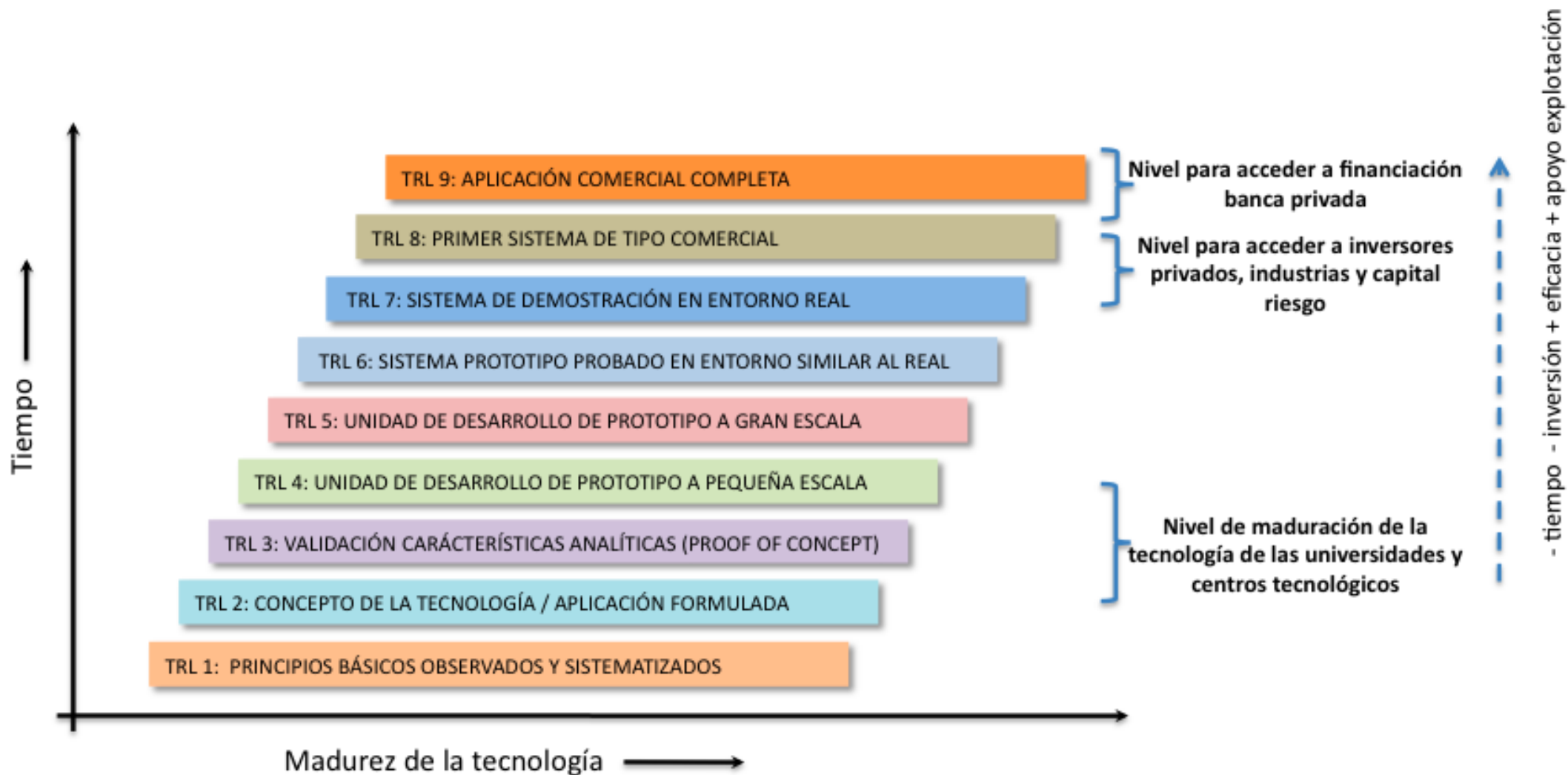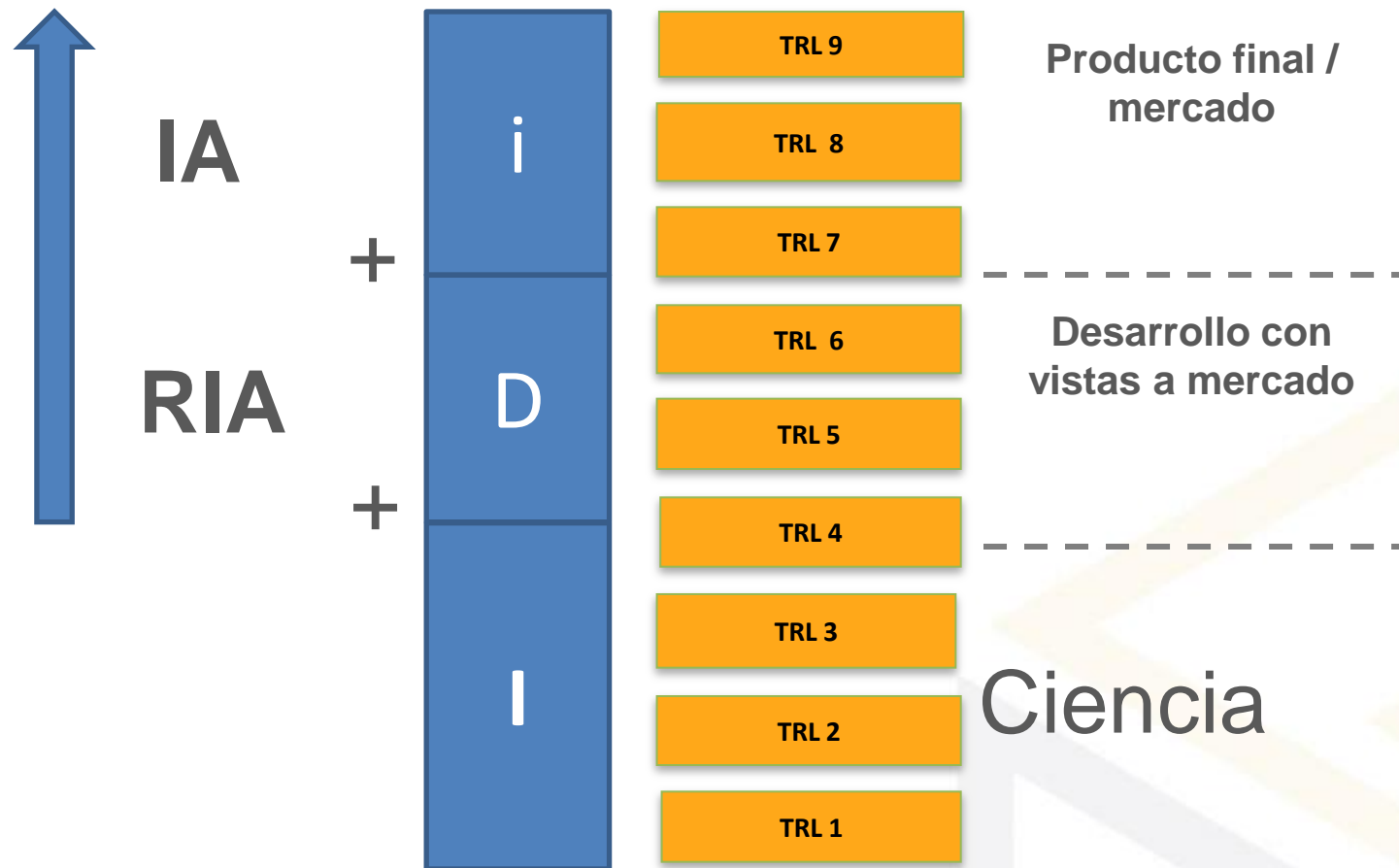
ESTRATEGIA

HORIZONTE 2020

Aceleración tecnológica

Análisis de madurez de una tecnología

IA

RIA

+

+

i	TRL 9
	TRL 8
	TRL 7
D	TRL 6
	TRL 5
	TRL 4
I	TRL 3
	TRL 2
	TRL 1

Producto final / mercado

Desarrollo con vistas a mercado

Ciencia

Technology Readiness Level

| TRL1: Basic principles observed | TRL2: Technology concept formulated | TRL3: Experimental proof of concept | TRL4: Technology validated in lab | TRL5: Technology validated in relevant environment | TRL6: Technology demonstrated in relevant environment | TRL7: System Prototype demo in operational environment | TRL8: System completed and qualified | TRL9: Actual system proven in operational environment |

I Disruptive Research — **II Applied Research** — **III Pilot Production or Demonstration Project** — **Manufacturing**

PRODUCT IDEA → PROTOTYPE → FIRST TEST PRODUCT → COMERCIAL END PRODUCTS

Idea / tecnología | NEGOCIOS

Fondos públicos I+D+i | Fondos públicos innovación Fondos de inversión

Convocatorias nacionales | Convocatorias regionales | Convocatorias europeas | Convocatorias Internacionales

Desgravaciones fiscales

¿Tenemos claro lo que queremos hacer?
¿Cómo de claro?

¿Innovación?- ¿Estado del arte?

¿Aportamos algo nuevo?
¿Cómo de nuevo?
¿Sirve para algo?

HORIZONTE 2020

CIENCIA EXCELENTE

EURADIA
Worldwide Consultants

EXCELLENT SCIENCE

- European Research Council (ERC)
- Future and Emerging Technologies (FET)
- Marie Sklodowska-Curie actions
- Research infrastructures (including e-infrastructures)

INDUSTRIAL LEADERSHIP

- Leadership in enabling and industrial technologies:
  - ICT
  - Nanotechnologies
  - Advanced materials
  - Biotechnology
  - Advanced manufacturing and processing
  - Space
- Access to risk finance
- Innovation in SMEs

SOCIETAL CHALLENGES

- Health, demographics 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
- Inclusive, innovative and reflective societies
- Secure societies

European Institute of Innovation and Technology (EIT)

Spreading Excellence and Widening Participation

Science with and for society

Joint Research Center (JRC)

PROGRAMAS	H2020	FP7	Dif.
Consejo Europeo de Investigación (ERC) *Frontier research by the best individual teams*	11.934 M€	7.510 M€	59 %
Technologías Futuras Emergentes (FET) *Collaborative research to open new fields of innovation*	2.457 M€	627 M€	292 %
Acciones MARIE SKŁODOWSKA-CURIE *Opportunities for training and career development*	5.616 M€	4.750 M€	18 %
Infraestructuras de investigación (incluye e-infrastructure) *Ensuring access to world-class facilities*	2.267 M€	1.715 M€	32 %
Total CIENCIA EXCELENTE	**22.274 M€**	**14.602 M€**	**53 %**

Marie Sklodowska-Curie Actions

TEMA 1

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 €

Reinforce training through mobility.

- Reinforce human potential in R & D & i to generate new skills.
- Make the profession of researcher attractive
- Encourage researchers to settle in Europe, whether they are from Europe or from third countries
- Promote mobility
- Strengthen the knowledge triangle
- Contribute to the creation of the ERA space

Mobility

Geographical Mobility: funded researchers may not have resided or carried out their main activity (work, studies, etc.) in the country of their host organization for more than 12 months in the three years immediately before the reference date (call deadline (IF), or recruitment (ITN)).

Intersectoral Mobility: depending on the type of action, requested/enabled/compulsory within the frame of the action.

„Bottom up" approach

The research topic can be **chosen freely** by the applicant. The relevance for the European Research Area should be given.
NO pre-defined research topics

8 knowledge areas

CHE Chemistry	SOC Social Sciences and Humanities	ECO Economic Sciences	ENG Information Science and Engineering	ENV Environmental and Geosciences	LIF Life Sciences	MAT Mathematics	PHY Physics

Sectors

Academic Sector: public/private higher education establishments awarding academic degrees, public/private non-profit research institutes whose primary mission is to pursue research, and international European interest organisations.

Non-academic Sector: any socio-economic actor not included in the academic sector and fulfilling the requirements of the Rules for Participation (e.g. companies, museums, hospitals, ministries etc.)
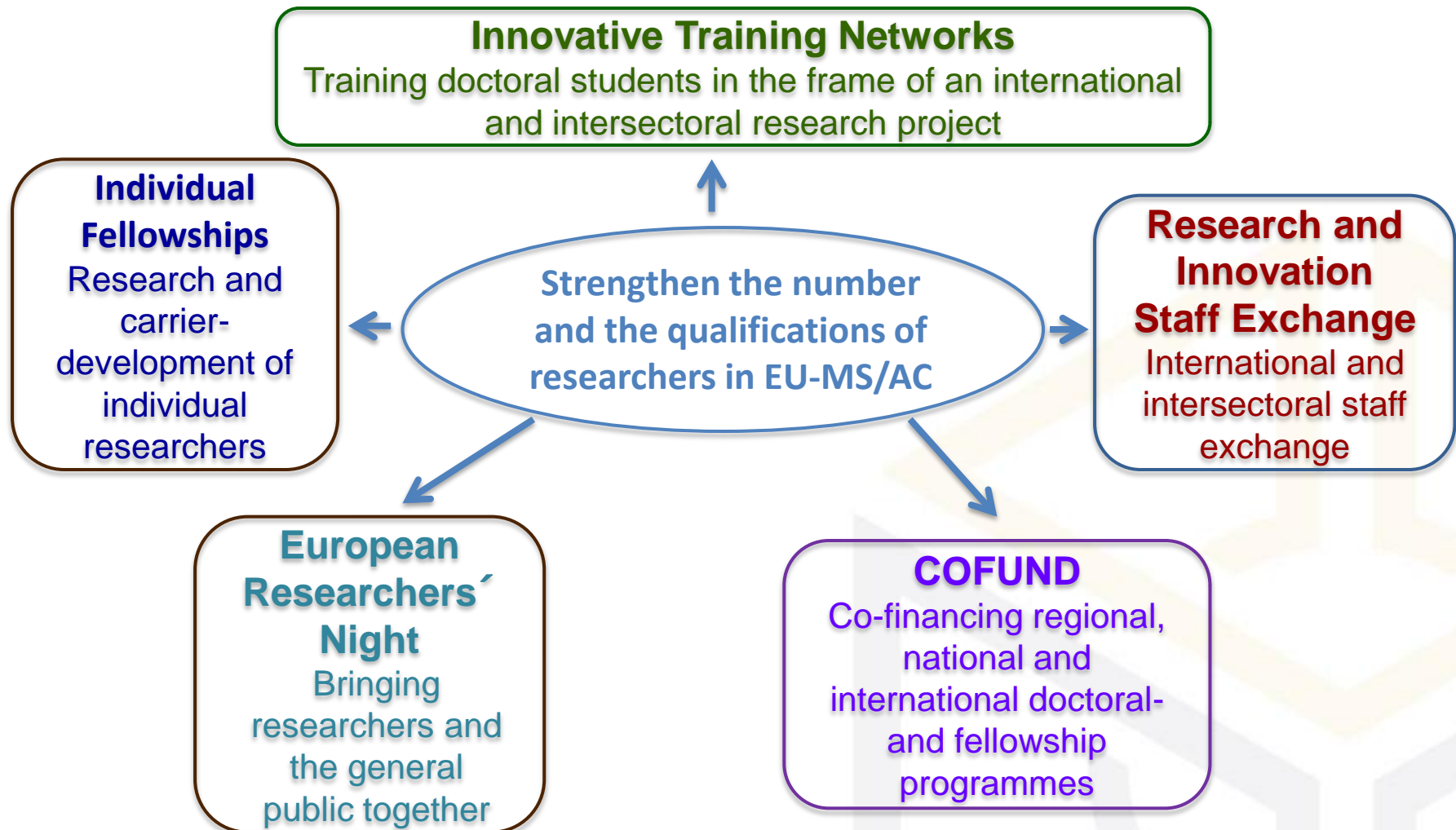
ACADEMIA

- Instituciones de educación superior públicas o privadas que otorgan títulos académicos.
- Organizaciones de investigación públicas o privadas sin ánimo de lucro.
- Organizaciones internacionales de interés europeo

Empresas y otras organizaciones no académicas

SME

NGO

PRIVATE

- Cualquier actor socioeconómico no incluido en la definición del sector académico.

Who can be funded?

„Early Stage Researcher" ESR: in the first four years (full-time equivalent research experience, after master) of their research careers and have not been awarded a doctoral degree.

„Experienced Researcher" ER: in possession of a doctoral degree or have at least four years of full-time equivalent research experience (after master).

- Attract and retain research talent
- Develop the state of the art, innovative training schemes related to increasing competitiveness and increasing inter-disciplinary R + D + i requirements.
- Promote professional R+ D+i careers.
- Promotion of attractive working and employment conditions.
- Focus on the development of new knowledge and profiles, in line with the key needs identified in strategic programming.
- Open to all fields of R+D+i, from basic research to research close to the market and innovation services.
- The participation of the NON-academic sector, especially industry and SMEs, is strongly recommended.
- Particular attention to gender balance.
- Public commitment to support researchers.
- Working conditions: Generally full-time employment contract including social security – no scholarships

Actions

Innovative Training Networks
Training doctoral students in the frame of an international and intersectoral research project

Individual Fellowships
Research and carrier-development of individual researchers

Strengthen the number and the qualifications of researchers in EU-MS/AC

Research and Innovation Staff Exchange
International and intersectoral staff exchange

European Researchers´ Night
Bringing researchers and the general public together

COFUND
Co-financing regional, national and international doctoral- and fellowship programmes

IF

Individual Fellowships

➢ Enhancing the creative/innovative potential („realizing full potential of the researchers") in the frame of a research project abroad → **career development!**

➢ The fellowships enable secondments → preferable to gain **intersectoral experience**

➢ Supporting researchers (separate evaluation panels) ALSO when
   o resuming research in Europe/AC **after a career break** (EF-CAR panel)
   o **returning** to Europe/AC (EF-RI panel)
   o starting a research career in the **non-academic sector** (EF-SE panel)

   → "Extended mobility rule" for these panels

IF
Individual
Fellowships

Who can be funded?

Experienced Researchers (ERs)

In possession of a doctoral degree or have at least four years of full-time equivalent research experience (after master).

An Individual Research Development Plan must be issued for every ER together with the supervisor.

What is funded?

➢ *Gross salary* of the funded fellow
➢ Contribution to *project costs* (research, training, networking costs)
➢ Contribution to *management and indirect costs*

The funding is based on **„unit costs"**, the „units" are counted as no. of funded person months.

EURADIA
Worldwide Consultants

IF
Individual
Fellowships

EU Contribution

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
Individual Fellowships	**4.880 €**** (+5%)	600 €	500 €	800 €	650 €

* A country correction coefficient applies to the living allowance, applicable to the country of the beneficiary, as listed in Table 2 in the MSCA Work Programme.

** Gross salary, including all taxations and deductions due to national legislation.

IF
Individual Fellowships

EFs – European Fellowships

*For mobility **within Europe and the associated countries*.***
Duration 12-24 (-36 for the CAR panel) months.

GFs – Global Fellowships

*For mobility of researchers **from Europe and the associated countries*****
to third countries *(12-24 months) + compulsory **return phase** (12 months)*

IF
Individual Fellowships

WIDENING FELLOWSHIPS (WF)

➢ Published in and financed from Horizon 2020 **Spreading Excellence and Widening Participation** (WF-01-2018, WF-02-2019)

➢ **Implemented within** the frame of the **MSCA** Individual Fellowships (IF)

➢ **Work exactly as the MSCA European Fellowships**, with the same panels

➢ **Host organisation** (beneficiary) must be **in a „Widening country"** *

➢ Budget: 5 mio. € 2018, 6 mio. € 2019

➢ IF applications that are not funded in the MSCA IF call („below available budget") and receive at least 70% in the evaluation will automatically be submitted in the WF call

* **Widening MS:** Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia, Slovenia

* **Widening AC:** Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Former Yugoslav Republic of Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey, Ukraine

ITN

Innovative Training Networks

- Train a new generation of creative, entrepre... **early-stage researchers ('pre-doc')** and p... enhanced career perspectives in both sect...

- Raise excellence and structure **research a...**

- **Trigger cooperation** and exchange of best... participants

What?

Support to competitively selected joint research training and/or doctoral programmes implemented by partnerships of academic and non-academic organisations under which **early stage researchers of any nationality** are recruited.

ITN

Innovative Training Networks

Who can be funded?

Early Stage Researcher (ESR) → in the first four years (full-time equivalent research experience, after master) of their research careers and have not been awarded a doctoral degree.

An Individual Research Development Plan must be issued for every ESR together with the supervisor.

What is funded?

➢ *Gross salary* of the funded fellow
➢ Contribution to *project costs* (research, training, networking costs)
➢ Contribution to *management and indirect costs*

The funding is based on „**unit costs**", the „units" are counted as no. of funded person months.

ITN

Innovative Training Networks

EU Contribution

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
Innovative Training Networks	**3.270 €**** **(+5,1%)**	600 €	500 €	1.800 €	1.200 €

* A country correction coefficient applies to the living allowance, applicable to the country of the beneficiary, as listed in Table 2 in the MSCA Work Programme.

** Gross salary, including all taxations and deductions due to national legislation.

Max. 40% of the total budget can be allocated to one and the same country. (Except for EIDs with only 2 beneficiaries)

ITN
Innovative Training Networks

ETN

European Training Networks

Participants implement a joint research doctoral training programme

EID

European Industrial Doctorates

Doctoral training with the non-academic sector

EJD

European Joint Doctorates

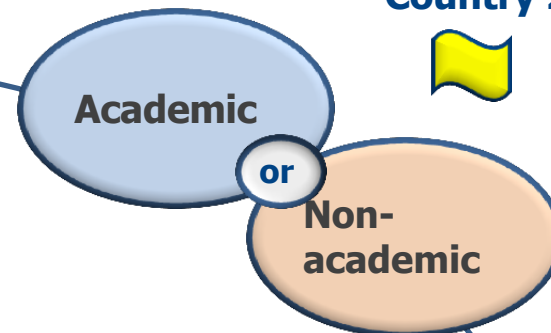*Universities cooperating to deliver joint doctoral degrees*

ITN

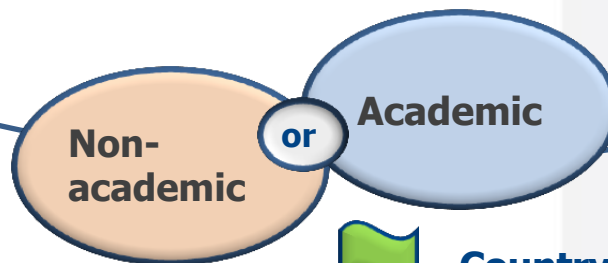**Innovative Training Networks**

ETN

Country 1

Country 2

Non-academic

or

Academic

Academic

or
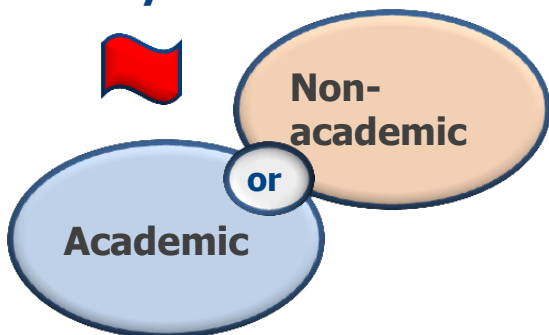
Non-academic

European Training Networks

Minimum **3** partners from **3** MS or AC

Duration of projects: **up to 4 years**

Full **sectoral flexibility** in choice of partners

Non-academic

or

Academic

Country 3

Country 1

Non- academic

European Industrial Doctorates

Inter-sectoral partnerships for doctoral training

Minimum **2** partners from **2** MS or AC and from **differing** sectors

Minimum **50%** of research time in non- academic environment

Academic

Country 2

Country 1

Country 2

Academic

Academic

European Joint Doctorates

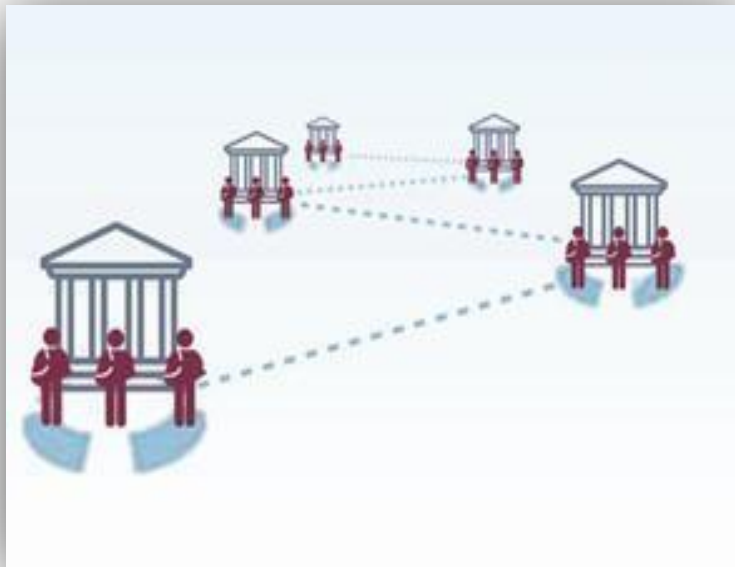Based on collaboration between **academic** organisations entitled to award doctoral degrees

Minimum **3** partners from **3** MS or AC

Opportunities for **non-academic sector** to contribute to training and research
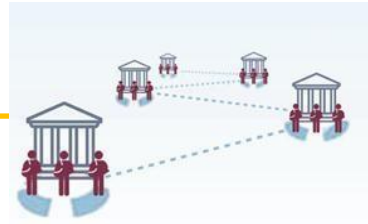
Country 3

Academic

- **Beneficiary**: only legal entities that are established in **EU MS or AC**, signs the Grant Agreement

=> AC count towards the minimum number of participants

- **Eligible staff** – **early-stage researchers**, **experienced researchers**, **administrative**, **managerial** and **technical staff** of **any nationality** supporting the research and innovation activities of the project

- **Staff member** – at least 6 months at the sending institution before first secondment

- Secondments from **1 to 12 months**, followed by reintegration into the sending institution

- Staff member unit cost is **a top-up allowance**, not subject to country correction coefficient

- EU contribution maximum **540** person-months
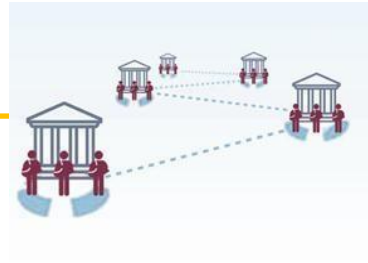
EU Contribution

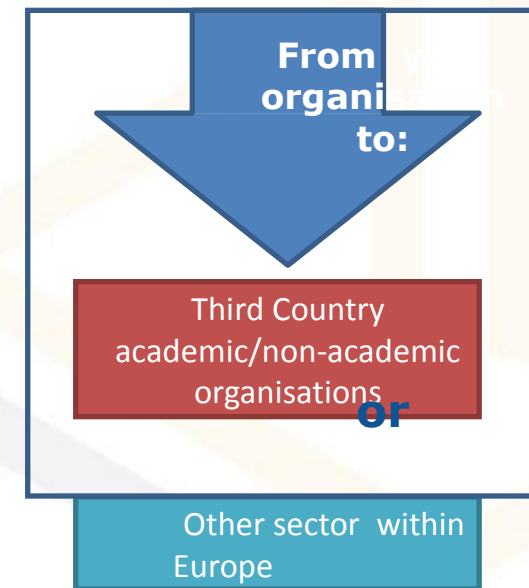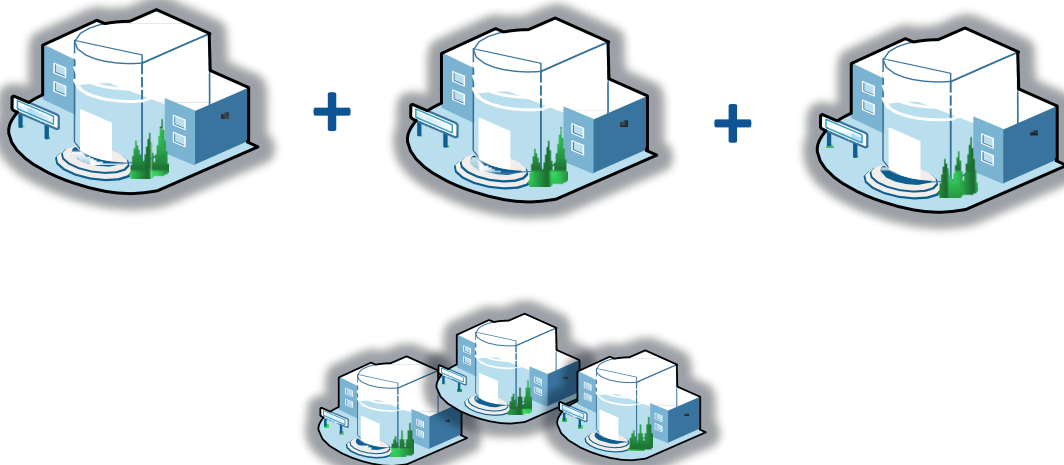| MSCA	Researcher unit cost (person/month)	Institutional unit cost (person/month)	
		Research, training and networking costs	Management and overheads
Research and Innovation Staff Exchange	**2.100** (2.000)	1.800	700

Important

Personal costs/salaries are not funded. The „Researcher unit cost" (sometimes also titled as „Top up allowance") are thought to cover travel and other expenses of the seconded staff member during the stay abroad.
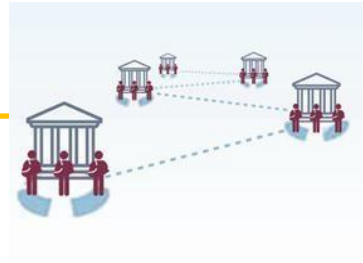
- At least **3 independent participants** in 3 different countries

- At least 2 participants from **2 different MS/AC**

- If **all in MS/AC**: at least 1 academic and 1 non-academic

From any organisation to:

Third Country academic/non-academic organisations **or**

Other sector within Europe
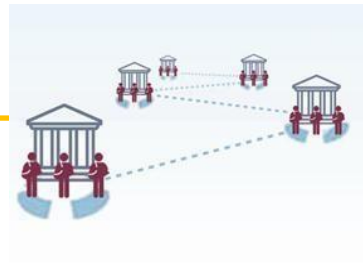
Examples: Intra-European Exchanges
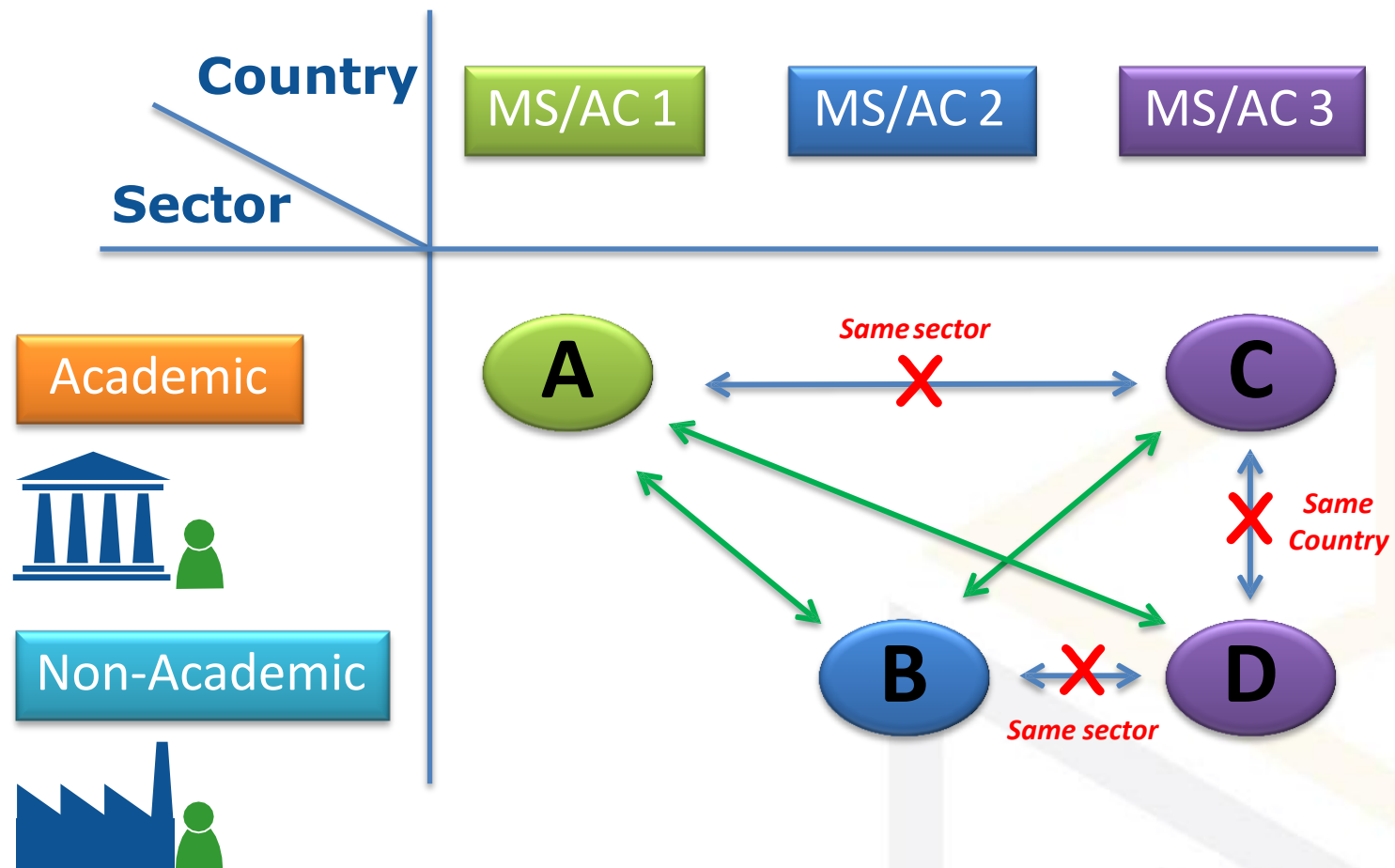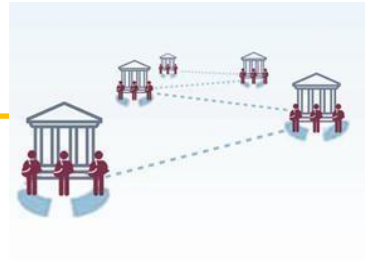
Examples: Europe-Third Countries Exchanges

Country

- MS/AC 1
- MS/AC 2
- TC

Sector is not relevant

A ↔ C

Same or Different Third Country ✗

B ↔ D
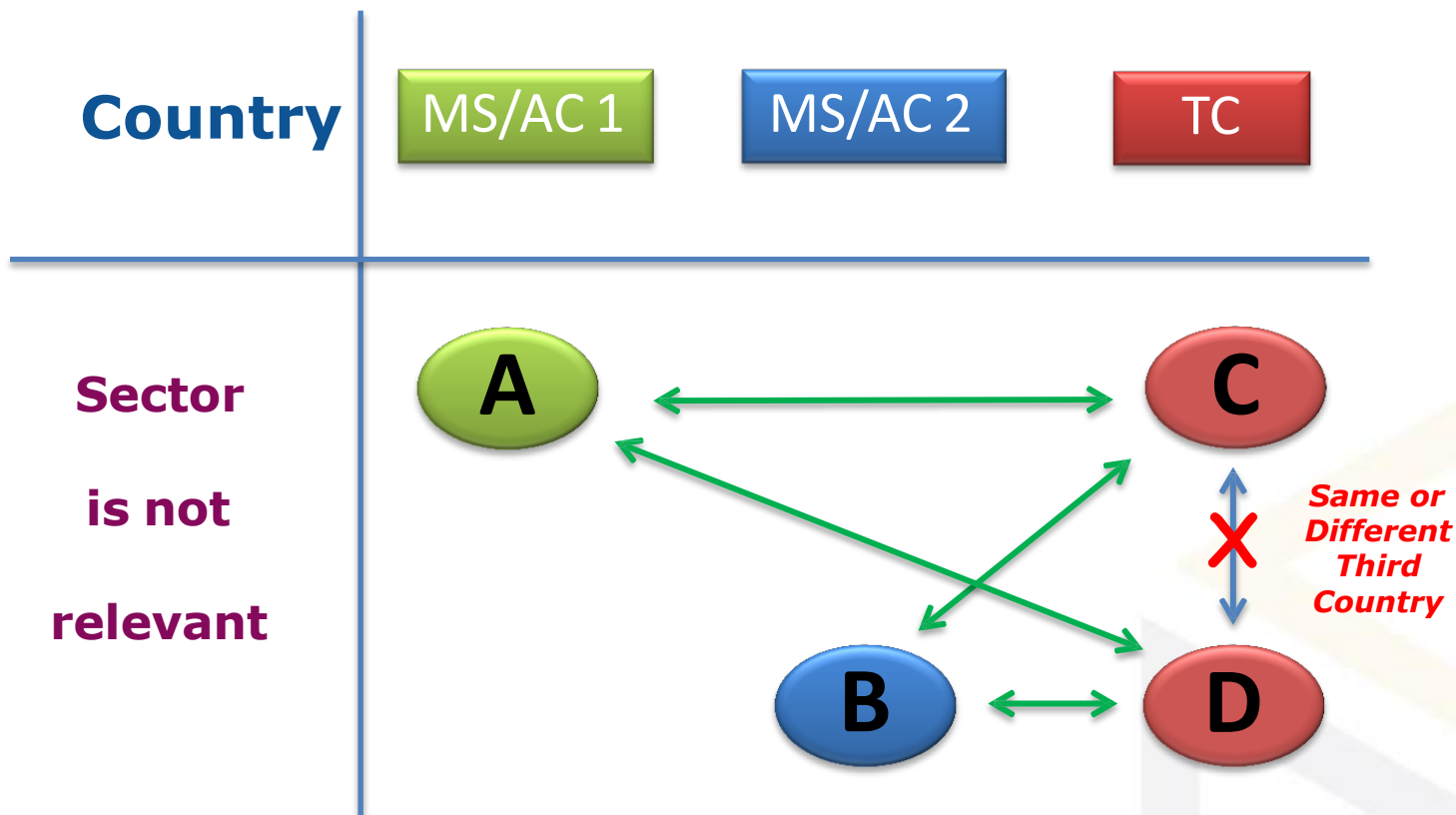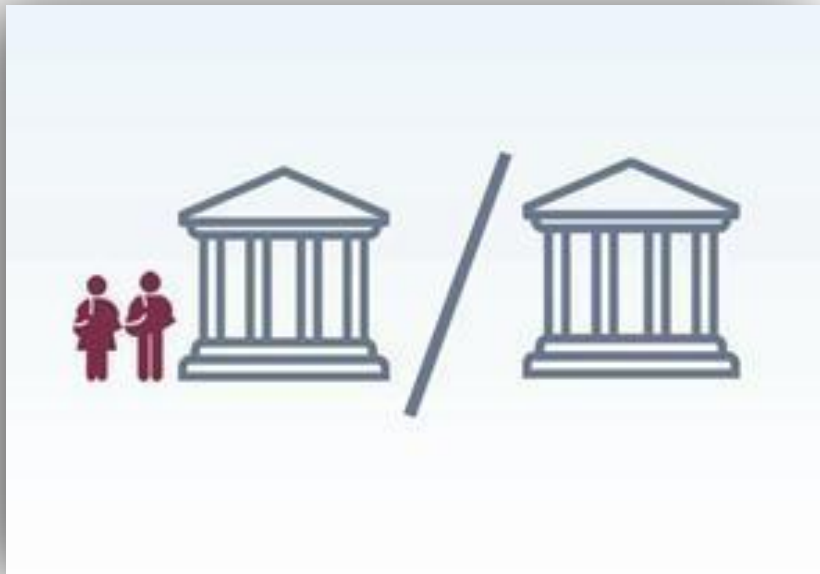
COFUND

- ➤ **Improving the quality** of regional, national and international programmes in regard to training, mobility and career development

- ➤ „Streamline" → Orientation/implementation of programmes, evaluation methods and working conditions of researchers

- ➤ MSCA (ITN, IF) as „best practise"

- ➤ Funding of existing or new programmes

- ➤ **Single beneficiary in MS/AC:** organisations that fund or implement doctoral or fellowship programmes for researchers, PREFERABLY in cooperation with **„partner organisations"**

- ➤ Co-financing of:
  - o **doctoral** programmes
  - o **fellowship** programmes

COFUND

EU Contribution

- Duration of a COFUND programme: **36 - 60 months**
- Funding: max. **10 mio. € / beneficiary**
- Employment of the funded researchers: min. 3 months
- Doctoral students: typical duration for doctoral studies, depending on the host country
- Employment duration for Fellowships: ca. 12 -36 months

	Doctoral Programmes	Fellowship Programmes
Minimum total costs for ESR/month (living & mobility) Monthly allowances for living costs, including employee social security contribution, income taxes, compulsory employers contributions, and for mobility costs to take up the fellowship	2709 EUR (+4,3%)	3836 EUR (+4,4%) 3675 EUR
(1) EU contribution to costs for ESR/month (living) / person month Not for mobility. Condition: ESR must be recruited under employment contract or other direct contract with equivalent benefits, including social security coverage.	**1935 EUR (+4,3%)**	**2740 EUR (+4,4%)**
Difference Minimum total costs and EU contribution to be financed by other means	774 EUR (+4,3%)	1096 EUR (+4,4%)
(2) EU contribution "Institutional unit costs" /management) / person month	**325 EUR**	**325 EUR**

European Researchers'
NIGHT

- Organisation of a „night event" (last Friday in September) **to bring researchers and the general public together**

- Raise awareness of research activities and recognition of researchers and their achievements

- **Inspire young people** to assume a career as a researcher

- **Active** participation of **researchers**

- **Biannual calls:** the organisation of an event in two subsequent years is requested (but not compulsory)

- Submission as **a single organisation or as a consortium**

- **Funding approach**: Coordination and Support Action (CSA)

ITN
Innovative Training Networks

What does it offer?
High-quality research training delivered through international and 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 four years of full-time research experience and no doctoral degree)

Call details:
Opened: 2 September 2014
Closes: 13 January 2015
         at 17.00.00 Brussels time
Budget: € 370 million

IF
Individual Fellowships

What does it offer?
Opportunities to work on personal research projects by moving between countries and possibly sectors to acquire new skills

Who applies?
Individual researchers together with the host organisation

Who is funded?
Postdoctoral researchers

Call details:
Opens: 12 March 2015
Closes: 10 September 2015
         at 17.00.00 Brussels time
Budget: € 215 million

RISE
Research and Innovation Staff Exchange

What does it offer?
The exchange 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

Call details:
Opens: 6 January 2015
Closes: 28 April 2015
         at 17.00.00 Brussels time
Budget: € 80 million

COFUND
Co-Funding of Regional, National and International Programmes

What does it offer?
Regional, national or international programmes to foster excellence in researchers' training, mobility and career development

Who applies?
Organisations funding or managing doctoral programmes or fellowship programmes

Who is funded?
Researchers at doctoral and postdoctoral level

Call details:
Opens: 14 April 2015
Closes: 1 October 2015
         at 17.00.00 Brussels time
Budget: € 80 million

Call ID	Call Opens	Call Deadline	Budget (Mio EUR)
H2020-MSCA-ITN-2018	12-10-2017	17-01-2018	442.00
H2020-MSCA-ITN-2019	13-09-2018	15-01-2019	470.00
H2020-MSCA-ITN-2020	12-10-2019	09-01-2020	525.00
H2020-MSCA-IF-2018	12-04-2018	12-09-2018	273.00
H2020-MSCA-IF-2019	11-04-2019	11-09-2019	295.62
H2020-MSCA-IF-2020	08-04-2020	09-11-2020	325.00
H2020-MSCA-RISE-2018	22-11-2018	21-03-2018	80.00
H2020-MSCA-RISE-2019	04-12-2018	02-04-2019	80.00
H2020-MSCA-RISE-2020	05-12-2019	07-04-2020	80.00
H2020-MSCA-COFUND-2018	12-04-2018	27-09-2018	80.00
H2020-MSCA-COFUND-2019	04-04-2019	26-09-2019	90.00
H2020-MSCA-COFUND-2020	08-04-2020	29-09-2020	100.00
H2020-MSCA-NIGHT-2018	07-11-2017	14-02-2018	12.00
H2020-MSCA-NIGHT-2020	08-10-2019	08-01-2020	08.00

MSCA Budget dedicated to Calls for Proposals
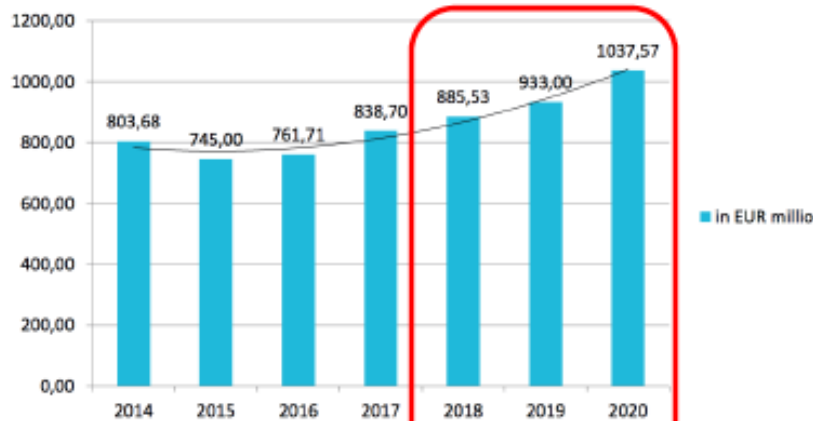
- MSCA IF 2018: 273 M€
- MSCA IF 2019: 295,62 M€
- MSCA IF 2020: 324 M€

New features in the WP 2018-2020

- Modification of the **Country Correction Coefficient**
- **Increase** by 5% of the **living and top-up allowances**
- **Optional introductory online training** for all MSCA fellows
- More **flexibility for third-country researchers** through a revised long-term residency rule

- **MSCA Special Needs Allowance** (for all MSCA actions)
  - Lump sum of **max. EUR 60.000**
  - Tentatively available **as of Q1 2019**

NEW

Marie Sklodowska-Curie Actions

IF

Individual Fellowships

- A personal fellowship to support a period of mobility

- For Experienced Researchers
  - Post-PhD or equivalent
  - No upper age or experience limit

- Fully-funded fellowships
  - Salary, research costs etc.

- Academic or non-academic host

- Enhance the creative and innovative potential of experienced researchers by providing them with opportunities to acquire new knowledge, work on research projects in a European context or outside Europe

- Special eligibility conditions for those resuming a career, returning to Europe and opportunities in non-academic sector

- Possible part-time at implementation phase

Experienced researches (ER)

IF finances researchers that are in possession of a doctoral degree or have at least 4 years of full-time equivalent research experience.

Full time equivalent research (FT): is measured from the date when a researcher obtained the degree which would formally entitle him / her to embark on a doctorate, etiher in the country in which the degree was obtained or in the country in which the reesarcher is recruited.

IF – European and Global
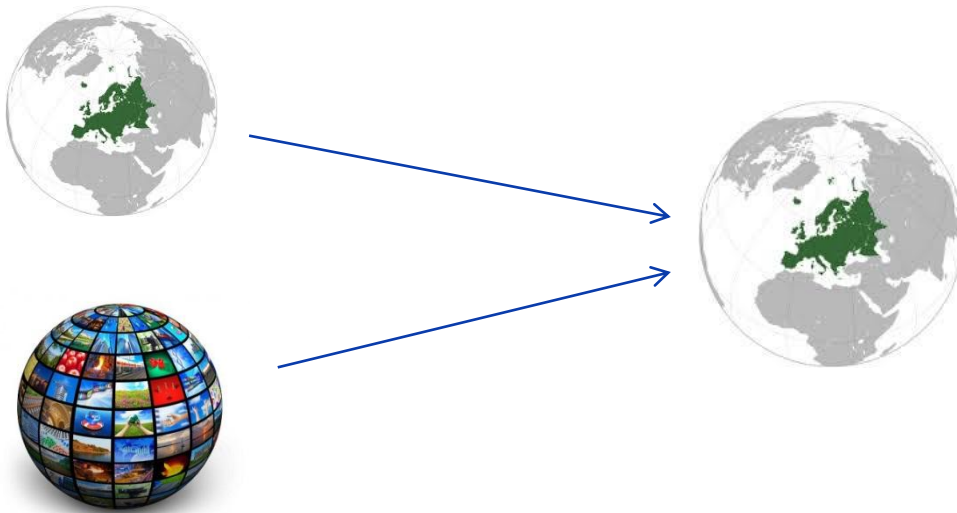
Widening fellowships (WF)

European Fellowships

1 – 2 years
Career restart between 1-3 years

Global Fellowships

2 – 3 years (incl. 12 months back in Europe)

How it works

European Fellowships

Researcher applies with European host	→	Host signs contract with Cion	→	Host employs researcher

Global Fellowships

Researcher applies with European host	→	European host signs contract with Cion	→	European Host employs researcher

+

Supported by non-European host		Non-European host signs agreement with European host		Researcher seconded to non-European host

Mobility is key

In the main, cannot apply for a fellowship in a country where you have lived for **>12 months** in the **3 years** before the Call deadline

Currently studying in Spain?

- European Fellowship: must apply with host outside Spain (i.e. move country)

- Global Fellowship: rule applies to country outside Europe, so can apply to come back to spanish host (or anywhere else in Europe). If you're not European, must have lived in Europe for 5 years before applying for GF.

Recently moved to Spain?

- Could apply for EF with current host, and GF if you've been in Europe for $\geq$ 5 years before applying

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STANDARD EUROPEAN FELLOWSHIP: Fomento de la movilidad entre países europeos para realizar un proyecto de investigación

- Para investigadores/as de cualquier nacionalidad
- Título de doctor o más de 4 años de experiencia en investigación a tiempo completo a fecha de cierre de convocatoria
- Debe haber movilidad desde cualquier país al Estado Miembro o País Asociado donde esté ubicado el centro de acogida
- Debe cumplir con la regla de movilidad en dicho país EM/PA: no haber residido / realizado su actividad investigadora allí más de 12 meses en los 3 años previos a la fecha de cierre de convocatoria

CAREER RESTART PANEL (CAR): Apoyo al reinicio de la carrera investigadora en Europa tras un periodo de inactividad

- Investigadores/as de cualquier nacionalidad
- Título de doctor o más de 4 años de experiencia en investigación a tiempo completo a fecha de cierre de convocatoria
- Periodo de inactividad: un mínimo de 12 meses previos a la fecha cierre convocatoria
- Debe haber movilidad desde cualquier país al Estado Miembro o País Asociado donde esté ubicado el centro de acogida
- Debe cumplir con la regla de movilidad en dicho país EM/PA: no haber residido / realizado su actividad investigadora allí más de 36 meses en los 5 años previos a la fecha de cierre de convocatoria
-

REINTEGRATION PANEL (RI): Apoyo al retorno y reincorporación a la investigación en Europa

- Para investigadores/as nacionales EM / PA o residentes de larga duración
- Título de doctor o más de 4 años de experiencia en investigación a tiempo completo a fecha de cierre de convocatoria
- Debe haber movilidad desde un Tercer País al Estado Miembro o País Asociado donde esté ubicado el centro de acogida
- Debe cumplir con la regla de movilidad en dicho país EM/PA: no haber residido / realizado su actividad investigadora allí más de 36 meses en los 5 años previos a la fecha de cierre de convocatoria

SOCIETY AND ENTERPRISE PANEL (SE): Apoyo a la realización de proyectos de investigación en el sector no-académico

- Investigadores/as de cualquier nacionalidad
- Título de doctor o más de 4 años de experiencia en investigación a tiempo completo a fecha de cierre de convocatoria
- Debe haber movilidad desde cualquier país al Estado Miembro o País Asociado donde esté ubicado el centro de acogida
- Debe cumplir con la regla de movilidad en dicho país EM/PA: no haber residido / realizado su actividad investigadora allí más de 36 meses en los 5 años previos a la fecha de cierre de convocatoria
- La entidad beneficiaria de esta modalidad y quién contrate al *Experienced Researcher* pertenece al sector no-académico: PYME, grandes empresas, hospitales, administración pública, etc.

Widening fellowships (WF)

- Support researchers, regardless of their nationality, to **undertake their fellowship in a Widening country.**
- Aim: **help spread excellence and close the research and innovation gap within Europe**
- Normal award criteria, scoring and thresholds for MSCA – IF will apply
- EF proposals from all scientific areas which cannot be funded under EF and have a chance to be funded under WF will therefore be **ranked in one single list** according to the scores and evaluation procedure of the MSCA IF Call At submission stage applicants are asked in section 5 (Part A – Call Specific Questions) whether or not they wish to be considered for this funding opportunity

[12] 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.

More than just a research project; a career development fellowship

- Training through research (individual project)
- Additional scientific skills (new techniques, instruments etc.)
- Transferable skills (e.g. communication, IPR, entrepreneurship etc.)
- Interdisciplinary/inter-sectoral transfer of knowledge (**secondments**)
  - Can spend up to 6 months (in total) working in another organisation (ideally in another sector) in Europe.
  - Opportunity to link with industry, NGO, public sector, national archive etc.
- Research and financial management of the fellowship
- Organising and taking part in events (including public engagement)
- Training in gender and ethics issues

Must be managed by a Career Development Plan

Participating Institutions

BENEFICIARY

- **Host institution: hosts, recruits, trains the ER**, located in a Member State (MS) or Associated Country (AC)
- Receives funding from EC.
- Signs the Grant Agreement with the EC.

PARTNER ORGANISATION

- Does no recruit the ER (doesn´t sign the GA), offers **additional training** and hosts the researcher during his / her **secondment**.
- Partner Organisation:
  - Outgoing phase of the *Global Fellowships*
  - Secondments in *European Fellowships*
- **Letter of Commitment** (Global Fellowship **only**): indicating activities of the project, updated…

Country participation

- Member States (MS): 28 countries (including overseas countries)
- Associated Countries (AC) to H2020 (Iceland, Norway, Albania, Bosnia and Herzegovina, Former Yugoslav Republic of Macedonia, Israel, Moldova, Montenegro, Serbia, Turkey, Switzerland)
- Third Countries (TP): No MS, No AC

	Beneficiary	Partner Organisations
European Fellowships	Compulsory: MS / AC	Optional: MS / AC
Global Fellowships	Compulsory: MS / AC	Compulsory: TC Optional: MS / AC

Secondments

• During the IF, can be seconded to any host organisation in Europe
• Ideally should take place in a different sector, i.e. academic to nonacademic or vice-versa
• Have to take place in a Partner Organisation in a MS / AC
• Meaningful and appropriate to the type of fellowship and research field
• Partner Organisations: no need to include a letter of commitment
• The secondment can be split into several shorter periods
• If you can't specify the precise host organisation for the secondment in the proposal, must at least specify the sector (academic or nonacademic), the timing and the purpose of the secondment

IF Duration	Duration max. secondment
≤ 18 months	3 months
> 18 months	6 months

IF – Financiación 2018/2020

Categories of eligible costs	Costs of researcher PER MONTH			Institutional costs PER MONTH	
Marie Skłodowska-Curie action	Living allowance (a)	Mobility allowance (b)	Family allowance (c)	Research, training and networking costs (a)	Management and indirect costs (b)
IF (100%)	4 880	600	500	800	650

- Fellow's Salary = Living Allowance + Mobility Allowance (+ Family Allowance)
- Rates in table are inclusive of employers' costs (e.g. employer's PRSI, pension contribution)
- A country coefficient applies to the Living Allowance (e.g. 95,4 for Spain)
- Estimated Gross Salary (prior to employee's tax, social security and pension deductions)
  - €55,000 p.a. (no family allowance)
  - €60,000 p.a. (with family allowance)

IF - Financiación

Unidades de Coste para el Investigador

•Living Allowance * Factor de Corrección.

•Mobility Allowance siempre.

•Family Allowance solo si a **fecha de contratación** posee obligaciones familiares

•Con estas cantidades se les aplica todos los impuestos obligatorios en el país de acogida.

•**Unidades de Coste para la institución**

•RTD para todos los gastos del investigador/a durante el proyecto :tasas de doctorado, gastos de estancias, publicaciones, congresos, patentes, materiales, etc.

•Management y Overheadsdirigidos a los gastos del proyecto como reuniones de proyectos, etc.

100% financiado

Pre-finanicación como en H2020.

Criterios de evaluación

MSCA - IF

IF – Timing

Call ID	Opens	Closes	Budget
H2020-MSCA-IF-2020	08-04-2020	9-09-2020	45 M€ IF Global 220 M€ IF CAR IF RI IF ST 8 M€ SE

IF – Timetable

Publication 08/04/20 → Closing 08/09/20 → Proposals evaluation Nov 2020 → Evaluation results Feb2021 → GA Signature Mayo 2021
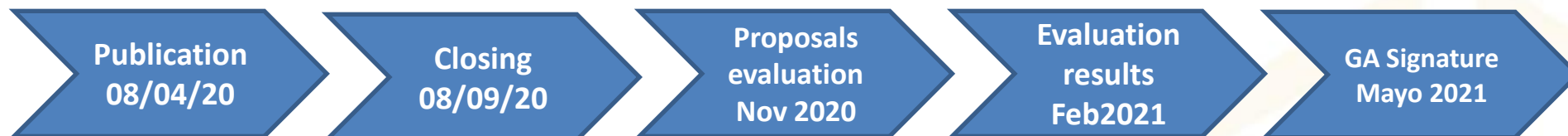
IF – Evaluation criteria

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

Umbral 70%

No hay umbrales individuales

Las notas de corte suelen estar entono a 90

Interpretation of the scores

0 The proposal **fails to address the criterion** or cannot be assessed due to missing or incomplete information.

1 **Poor.** The criterion is inadequately addressed, or there are serious inherent weaknesses.

2 **Fair.** The proposal broadly addresses the criterion, but there are significant weaknesses.

3 **Good.** The proposal addresses the criterion well, but a number of shortcomings are present.

4 **Very Good.** The proposal addresses the criterion very well, but a small number of shortcomings are present.

5 **Excellent.** The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

The diagram below depicts the main steps of the evaluation process and highlights at which stages the experts intervene.

Evaluation process
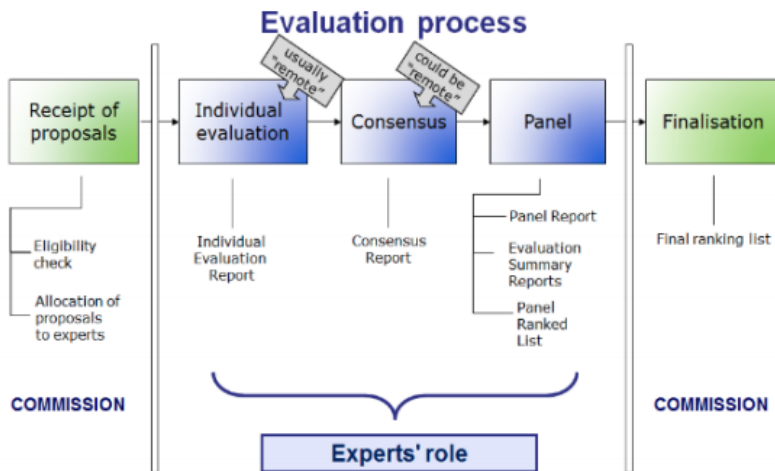
FULL REMOTE EVALUATION

- **3** evaluators per proposal;
- **2** Vice-Chairs (VCs) of which 1 is rapporteur, and 1 cross-reader;
- **SEP Hands-on** Training for VCs;
- **Improved briefing for experts**: web-briefing (unconscious bias added), Q&A chat sessions, evaluators guide, SEP guidance movie;
- **SEP workflow and functionalities** adjusted to ease the remote consensus discussion;
- **Minority views:** Specific slots for teleconferences will be foreseen in order to solve critical cases remotely, before the central phase.

1. EXCELLENCE

Quality, innovative aspects and credibility of the research (including interdisciplinary aspect)

Strengths:
+...
+...

Weaknesses:
-...
-...

Clarity and quality of transfer of knowledge/training for the development of researcher in light of the research objectives

Strengths:
+...
+...

Weaknesses:
-...
-...

Quality of the supervision and the hosting arrangement

Strengths:
+...
+...

Weaknesses:
-...
-...

Capacity of the researcher to reach or re-enforce a position of professional maturity in research

Strengths:
+...
+...

Weaknesses:
-...
-...

	Score (out of 5)	4,2

Each expert draft a IER (individual evaluation report) for each proposal assigned

In the IER:

List **strengths and weaknesses** in bullet point format

- Under each sub-criterion
- For each criterion (excellence, Impact and Implementation)

They will Score each Criterion

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 NEW	Coherence and effectiveness of **the work plan** NEW 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 allocation of tasks and resources~~
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 **management structure and procedures,** including risk management
NEW Potential of the **researcher** to reach or re-enforce a position of professional maturity/independence		Appropriateness of the **institutional environment** (infrastructure)

Evaluation Panels

Proposals are read by at least 3 disciplinary experts
Distribution of awards across Panels is proportional to # of proposals received
From Call deadline to Grant Agreement Signature – 8 months max.

Global Fellowships/Standard European Fellowships – single disciplinary ranking

- Chemistry (CHE)
- Physics (PHY)
- Mathematics (MAT)
- Life Sciences (LIF)
- Economic Sciences (ECO)
- ICT and Engineering (ENG)
- Social Sciences & Humanities (SOC)
- Earth & Environmental Sciences (ENV)

Reintegration (RI) European Fellowship – multidisciplinary ranking
Career Restart (CAR) European Fellowship – multidisciplinary ranking

IF – Excelencia – 50%

EXCELLENCE
Quality and credibility of the research/innovation project; 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
Potential of the researcher to reach or re-enforce a position of professional maturity/independence

- Estado del Arte bien planteado, objetivos claros, metodología excelente
- Originalidad y aspectos innovadores: avances en el campo científico
- Cuida aspectos de innovación en género si aplican

Doble transferencia de conocimiento, Caso GF: no hay que olvidar el retorno a Europa

- Experiencia supervisor (publicaciones, visibilidad internacional...)
- Integración ER en la institución (carrera investigadora...)

Demostrar cómo las competencias y experiencia le ayudarán, en el marco del proyecto, a alcanzar la madurez profesional

IF – Impacto – 30%

IMPACT
Enhancing the future career prospects of the researcher after the fellowship
Quality of the proposed measures to exploit and **disseminate** the project results
Quality of the proposed measures to **communicate** the project activities to different target audiences

- Explicar el impacto esperado y previsto en aspectos formativos y de investigación de cara al futuro, una vez finalizado el proyecto
- Cómo las nuevas competencias y habilidades adquiridas (explicadas en el punto 1.4) facilitarán una mejora en la carrera investigadora

- Estrategia de diseminación de los resultados, publicación en Open Access
- IPR: estado de la Técnica, prever generación de patentes
- Acciones de comunicación hacia el publico general, compromiso púbico.

IF – Implementación – 20%

IMPLEMENTATION
Coherence and effectiveness of **the work plan,** including appropriateness of the allocation of **tasks and resources**
Appropriateness of the **management structure and procedures**, including risk management
Appropriateness of the **institutional environment** (infrastructure)

- WPs, tareas y recursos asignados
- Deliverables / Milestones
- Adecuación de los recursos: Asignar P/M a paquetes de trabajo
- Importante: Gantt chart Visual y comprensible

- Estructura de gestión (mecanismo de seguimiento, apoyo RRHH – OPEs…)
- Planes de contingencia (visual: tabla…)

Adecuación de las infraestructuras, acceso a recursos / instalaciones /

¿Cómo redactar una propuesta técnica?

MSCA - IF

Antes de escribir la propuesta

•**Descarga de todos los documentos de la convocatoria**
- Programa de trabajo 2018/2020
- Guía del solicitante
- FAQs

•**Lectura completa**
- Criterios de evaluación
- Objetivos generales de la acción

Antes de presentar la propuesta

•SEP (submission & evaluation of proposal service).
•Registro SEP PIC
•Cierre a las 17:00

Contenido de la propuesta

FORMULARIOS ADMINISTRATIVOS FORM A	FORM B LA PROPUESTA TECNICA 2 documentos

Form	Título	Contenido
Section 1	Información General sobre la Propuesta	Acronimo, Titulo, Seleción del Panel de Evaluación, Duración del proyecto, etc
Section 2	Datos sobre las organizaciones participantes	PIC, nombre legal, detalles contacto, persona a cargo de la Host Organisation
Section 3	Presupuesto	Soplicitud de fondos en términos de Investigadores/mes
Section 4	Aspectos Éticos	Si / No sobre las diferentes cuestiones éticas en la propuesta
Section 5	Información de las "Partner Organisation"	Nombre, PIC, País, Academico/Non-Academico, Rol: Formación y / o secondments

Contenido de la propuesta

B1

1. Excellence
2. Impact
3. Implementation

Límite de páginas: 10
No hay límite por sección

B2

4. CV of the experienced researcher (max. 5 pages)

5. Capacities of the participanting organisations (1 page for ther overview and 1 page for each participating organisation)

6. Ethical aspects

7. Letters of commitent of the partners organisations (for GF only)

No hay límite de páginas

MANDATORY FORMATTING REQUIREMENTS	
Body Text Font Size	11 points minimum
Table Font Size	8 points minimum
Page Margins	15 mm minimum (not including headers and footers)
Literature References	In Footnotes, font size 8 (included in page limit)
Required Header	PROPOSAL ACRONYM - ETN / EID / EJD (delete as appropriate)
Page Number Format	Page X of Y

¿Cómo redactar una propuesta técnica?

MSCA – IF
Template
B1

IF – Excelencia – 50%

1.1. Quality and credibility of the research/innovation project; level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects

Evaluators will assess:

1. State of the art, objectives and overview of the action
2. Research methodology and approach
3. The type of research and innovation activities proposed
4. Originality and innovative aspects of the research programme
5. Gender dimension and interdisciplinary aspects

Objective: to assess how the high-quality, novel research is most likely to open up the best career possibilities for the Researchers and new collaboration opportunities for the host organization.

IF – Aspectos de género

Sex refers to biological characteristics of women and men, boys and girls, in terms of reproductive organs and functions based on chromosomal complement and physiology. As such, sex is globally understood as the classification of living beings as male and female, and intersexed.

Gender refers to the social construction of women and men, of femininity and masculinity, which varies in time and place, and between cultures

IF – Aspectos de género

- **Excelencia**: Integrar el **análisis** de género en el **contenido** de la investigación e innovación
- El **análisis de sexo y género** está fomentando la creatividad al ofrecer nuevas perspectivas, plantear nuevas preguntas y abrir nuevas áreas de investigación e innovación.

Ha permitido comprobar y prevenir las consecuencias sobre mujeres y fetos de los impactos de coches a alta velocidad.
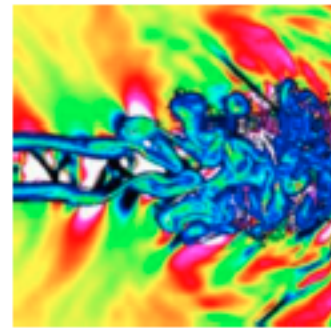
Ha llevado a desarrollar un **gel microbicida para prevenir el VIH** en mujeres en África al tener en cuenta las relaciones de poder en parejas heterosexuales

Gender dimension in research and innovation (R&I) content

- Gender dimension in research content means **integrating** sex and **gender analysis** into **research**.
- In other words, **taking into account** biological characteristics and social/cultural features of both women and men in R&I.
- It is an **added-value** in terms of innovation, creativity, excellence and returns on investments

https://genderedinnovations.stanford.edu/

IF – Aspectos de género

Gender balance in decision making processes

Gender dimension in research and innovation (R&I) content

Gender balance in research teams at all levels
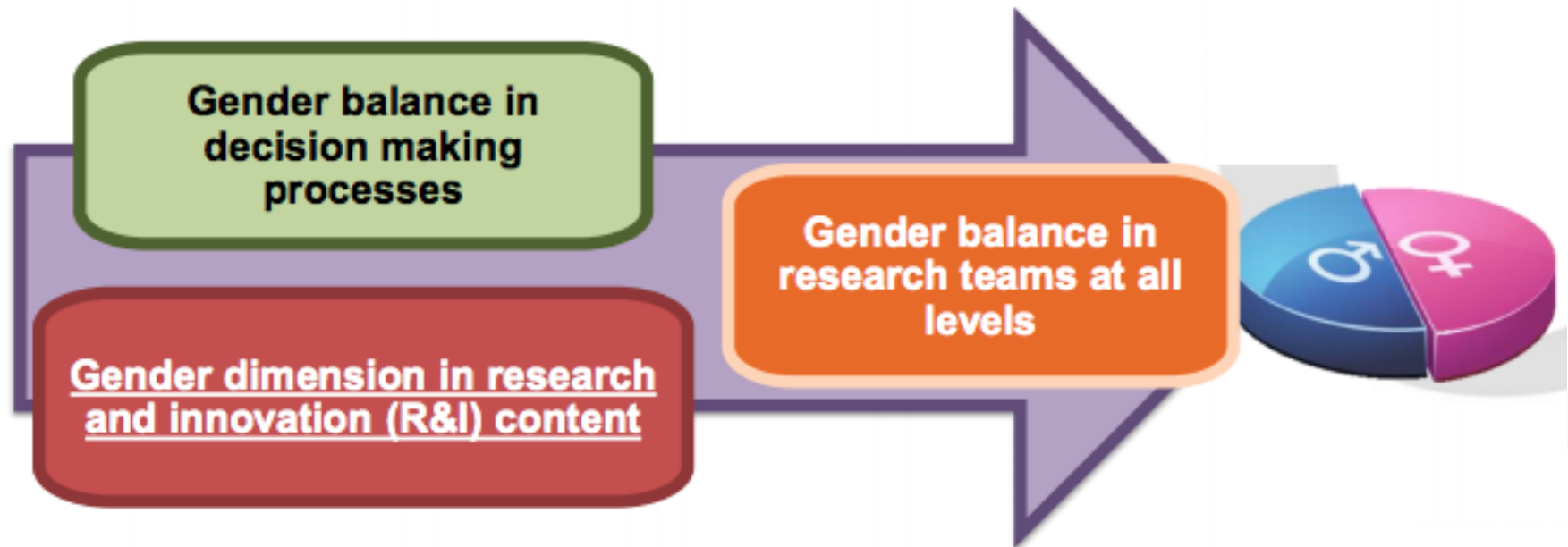
Gender Equality as a **cross-cutting issue** in Horizon 2020 and its three objectives:

✓ **Gender** dimension in **Research** & Innovation content
✓ **Gender balance** in decision-making in managing Horizon 2020
✓ **Gender balance** and equal opportunities in **project teams** at all levels

IF – Excelencia – 50%

1.2. Quality and appropriateness of the training and of the two way **transfer of knowledge** between the researcher and the host

Evaluators will assess:

1. The two way transfer of knowledge between the researcher and the host institution, in view of their future development and past experience:
   - How the researcher will gain new knowledge from the hosting organization during the fellowship training
   - Transfer from the researcher to the host organization of the knowledge ad skill previously acquired.

2. For **Global Fellowships**: how the new skills and knowledge acquired in the Third Country will be transferred back to the host institution in Europe.

IF – Excelencia – 50%

1.2. Quality and appropriateness of the training and of the two way **transfer of knowledge** between the researcher and the host

Evaluators will assess:

1. The <u>two way transfer of knowledge</u> between the researcher and the host institution, in view of their future development and past experience:
    - How the researcher will gain new knowledge from the hosting organization during the fellowship training
    - Transfer from the researcher to the host organization of the knowledge ad skill previously acquired.

2. For **Global Fellowships**: how the new skills and knowledge acquired in the Third Country will be transferred back to the host institution in Europe.

IF – Excelencia – 50%

Typical **training activities** in Individual Fellowships may include:

- Primarily, *training-through-research* by the means of an individual personalised project, under the guidance of the supervisor and other members of the research staff of the host organisation(s)

- Hands-on training activities for developing scientific skills (new techniques, instruments, research integrity, 'big data'/'open science') and transferrable skills (entrepreneurship, proposal preparation to request funding, patent applications, management of IPR, project management, task coordination, supervising and monitoring, take up and exploitation of research results)

- Inter-sectoral or interdisciplinary transfer of knowledge (e.g. through secondments)

- Taking part in the research and financial management of the action

- Organisation of scientific/training/dissemination events

- Communication, outreach activities and horizontal skills

- Training dedicated to gender issues

+ Career Development Plan information to be included under this section

IF – Excelencia – 50%

1.3 Quality of the supervision and of the integration in the team/institution. Evaluators will assess:

1. The **qualification** and **experience** of the supervisor(s):
   - The level of experience of the supervision on the research topic proposed;
   - Track record of work, including the main international collaboration.
   - Participation in project, publication, patens and any other relevant results.

2. The **hosting arrangements**; the integration of the researcher to his/her new environment in the premises of the Host. This is not about the infrastructure.

IF – Excelencia – 50%

1.4   Potential of the researcher to reach or re-enforce professional maturity/independence during the fellowship

Researchers should **demonstrate** how their existing professional experience, talents and the proposed research will contribute to their development as independent/mature researchers, **during the fellowship**. Explain the new competences and skills that will be acquired and how they relate to the researcher's existing professional experience.

Please keep in mind that the fellowships will be awarded to the most talented researchers as shown by the proposed research and their track record (Curriculum Vitae, section 4), in relation to their level of experience.

IF – Excelencia – Strenghts and weakness

+

"The proposed research is of very high quality utilising cutting–edge approaches."

""The training activities are well described and have specific, important and credible scientific objectives, complementing the researcher's background."

"Scientific quality & originality are excellent"

"The approach is perfectly suited to achieve the objectives."

"The project is original and innovative, and the timeliness matches the European and international research areas."

"It is an innovative and very interesting proposal with the potential to make a significant contribution to the field."

–

"The proposal is vague in terms of working methods, theories and scientific hypotheses."

"The proposal does not provide sufficient information to demonstrate that the research project has the potential to be applied more generally."

"The advancement of the state of the art that the project is expected to make lacks detailed justification."

"The description of the training objectives lacks detail."

"The proposal does not present sufficient data to assess the advantages and drawbacks of the proposed methods."

IF - Impact

Diferenciar

Producto	Resultado	Impacto

IF - Impact

2.1   *Enhancing the future career prospects of the researcher after the fellowship*

Explain the expected impact of the planned research and training (i.e. the added value of the fellowship) on the future career prospects of the experienced researcher **after the fellowship**. Focus on how the new competences and skills (as explained in 1.4) can make the researcher more successful in their long-term career.

✓ Articulate clearly the advantages of this fellowship for your personal career development.

✓ Demonstrate to what extent competences acquired during the fellowship (described in Excellence), including any secondments, will maximise the impact on the researcher's future career prospects = describing the impact they will have

✓ Present the way in which the fellowship will contribute in the medium and long term to the development of the researcher's career.

✓ How will the training received help broaden – diversify the researcher's career and skillset?

✓ What's the next step in your career

✓ What do you learn in the IF to get there?

✓ What will you have achieved after the project?

IF - Impact

2.2 Quality of the proposed measures to exploit and disseminate the project results

Describe how the new knowledge generated by the action will be disseminated and exploited, and what the potential impact is expected to be. Discuss the strategy for targeting peers (scientific, industry and other actors, professional organisations, policy makers, etc.) and to the wider community. Also describe potential commercialisation, if applicable, and how intellectual property rights will be dealt with, where relevant.

For more details refer to the "Dissemination & exploitation" section of the H2020 Online Manual.

Concrete planning for exploitation and dissemination activities must be included in the Gantt chart.

2.3. Quality of the proposed measures to communicate the project activities to different target audiences

Demonstrate how the planned public engagement activities contribute to creating awareness of the performed research. Demonstrate how both the research and results will be made known to the public in such a way they can be understood by non-specialists.

The type of outreach activities could range from an Internet presence, press articles and participating in European Researchers' Night events to presenting science, research and innovation activities to students from primary and secondary schools or universities in order to develop their interest in research careers.

IF – Impacto – Comunicación y diseminación

DIFUNDIR

El proyecto	Web	Publico en general
Los socios	Folleto	
Financiado fondos UE	Merchandising	Stakeholder
	Anuncios	

COMUNICAR

Contenidos del proyecto	Web	Profesionales
Resultados del proyecto	Documentación técnica	
Aplicabilidad resultados	Resultados	Stakeholder
	Fases e hitos	

IF - Impact

Dissemination (section 2.2)	Communication (section 2.3)
About **results only**	About the **project** and **results**
Audiences that may use the results in their own work e.g. peers (scientific or the project's own community), industry and other commercial actors, professional organisations, policymakers	**Multiple audiences** beyond the project's own community (include the media and the public)
Enable use and **uptake** of **results**	**Inform** and **reach out to society**, show the benefits of research
Grant Agreement art. **29**	Grant Agreement art. **38.1**
When results are available	Starts at the outset of the project

IF – Impacto – Comunicación y diseminación

Comunicación bidireccional: interactiva, recíproca, flexible, destinada a audiencias más reducidas	Comunicación unidireccional: audiencia potencial amplia
Diálogos, conversación cara a cara	Periódicos y revistas
Grupos de discusión	Comunicados de prensa
Conferencias	Boletín de noticias
Eventos de tipo "brokerage"	Manuales
Visitas de escuelas	Folletos, libretas, flyers
Tours	Cartas
Mesas redondas	Radio
Exhibiciones	Televisión
Reuniones	Vídeos
Talleres tipo "workshop"	Posters
Día de puertas abiertas	Etiquetas
Demostraciones y prototipos	Banners
Llamadas telefónicas	Cartel publicitario
Servicios de información por correo electrónico (preguntas y respuestas)	Página web
Contactar con otros consorcios europeos del ámbito y hacer actividades comunes	Informes breves
Aplicaciones informáticas	Aplicaciones informáticas
Redes sociales	Redes sociales

Diseminación y explotación
• Hay que dirigirse a múltiples audiencias, por ejemplo, otros investigadores, responsables de políticas, la industria, asesores científicos del gobierno, "think tanks", órganos legislativos, etc
• Establecer planes para explotar cualquier IP resultante y Open Access

Participación Pública (Public Engagement)
• No subestimar su importancia
• Incluye el QUE – QUIEN – CUANDO) en una tabla.
• Enfoque en diferentes grupos (estudiantes en cualquier nivel, público general)– colaboración en European Researchers' Night
• Recuerda explicar el impacto de cada una de las actividades

IF - Impact

What are the audiences we are addressing our messages to:

- Scientific Community
- Stakeholders
- Policy makers
- Final Users
- Industry...

DISSEMINATION EXPLOTATION

- General Public / Society

COMMUNICATION OUTREACH

IF – Impact – Open Access

2.2   Quality of the proposed measures to exploit and disseminate the project results

Describe how the new knowledge generated by the action will be disseminated and exploited, and what the potential impact is expected to be. Discuss the strategy for targeting peers (scientific, industry and other actors, professional organisations, policy makers, etc.) and to the wider community. Also describe potential commercialisation, if applicable, and how intellectual property rights will be dealt with, where relevant.

For more details refer to the "Dissemination & exploitation" section of the H2020 Online Manual.

Concrete planning for exploitation and dissemination activities must be included in the Gantt chart.

- Applicants and beneficiaries should respect the **Horizon 2020 strategic priority of Open Science.**

- **Open Science** is an inclusive process aimed at **promoting diversity in science across the European Union** and opening it to the general public, in order to better address the H2020 societal challenges and ensure that **science becomes more responsive** both to **socio-economic demands** and to those of **European citizens**.

Open Science also provides significant new **opportunities for researchers to disseminate**, share, explore and collaborate with other researchers.

IF - Impact

2.3. Quality of the proposed measures to communicate the action activities to different target audiences

Evaluators will assess:

Communication and public engagement **strategy** of the action

- RRI (Responsible Research and Innovation)
- EU and international collaboration achieves more
- How the ER get **feedback from citizens**
- **Real commitment** from the Host Institution and from the fellow
- Highlight **previous experiences** in Host Institution
- Remark fellows' profile on outreach, communication and public engagement
- Frequency and nature of communication activities

IF - Impact

2.3. Quality of the proposed measures to communicate the project activities to different target audiences

Demonstrate how the planned public engagement activities contribute to creating awareness of the performed research. Demonstrate how both the research and results will be made known to the public in such a way they can be understood by non-specialists.

The type of outreach activities could range from an Internet presence, press articles and participating in European Researchers' Night events to presenting science, research and innovation activities to students from primary and secondary schools or universities in order to develop their interest in research careers.

- Las **actividades de divulgación** se desarrollan para atraer a una **audiencia amplia** sobre un tema especifico principalmente al publico general

- Las actividades de divulgación se pueden desarrollar de diversas maneras; **presentaciones en colegios, talleres, charlas, visitas a laboratorios, etc**.

- El objetivo es explicar los **beneficios de la investigación a un publico amplio** (principalmente ciudadanos que pagan nuestras investigación con sus impuestos)

- La divulgación implica **interacción** entre el investigador y el receptor, hay una relación entre ambos y la comunicación que se mantiene es de "ida y vuelta

  - La **Comunicación**, es bidireccional desde el investigador hacia el receptor y viceversa.
  - Por Comunicación se entiende **artículos en periódicos** o revistas generalistas, **TV** o Radio. Es fundamental el uso de las **redes sociales** en esta comunicación.
  - Un comunicación exitosa requiere un **lenguaje claro**, una **temática científica atractiva** donde se remarquen resultados interesantes para atraer la atención tanto del publico general como de los medios.

IF - Impact

+

"The proposal clearly describes how the completion of the project and the acquired skills will improve the career prospects of the applicant."

"The proposal demonstrates convincingly how the fellowship will contribute to the development of the applicant's career, particularly in terms of international links and potential future international collaborations."

"The relevance and quality of additional research training as well as of transferable skills offered are clearly demonstrated."

"The outreach activities are described in detail and include knowledge transfer to undergraduate students, press articles and workshops."

—

"Much of the work to be done is a continuation of previous work of the applicant, which limits its impact on their career.'

"It is not comprehensively explained in the proposal how the training provided will influence the researcher's career development."

"The relevance and quality of transferable skills offered are not substantiated."

"The outreach plan is rather vague and lacks detail of how the public would be engaged through each activity.'

IF - Implementation

3.1   Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources

Describe how the work planning and the resources mobilised will ensure that the research and training objectives will be reached. Explain why the number of person-months planned and requested for the project is appropriate in relation to the proposed activities.

Additionally, a Gantt chart must be included in the text listing the following:

- o   Work Packages titles (there should be at least 1 WP);
- o   Indication of major deliverables, if applicable;
- o   Indication of major milestones, if applicable;
- o   Secondments, if applicable.

The schedule should be in terms of number of months elapsed from the start of the action.

IMPORTANCE OF A GOOD GANTT CHART.

EURADIA
Worldwide Consultants

IF - Implementation

This is an example Gantt chart only.

Notes:
- The titles of the WP's indicated here do not have to be stricly followed or included in the Gantt chart for your specific proposal. Adapt as needed.
- The number of WPs provided here is an example only. Add or remove WP's as needed.
- Remove any columns for a duration longer than that of your proposal.
- Add as much detail as needed for your proposal.

Work Package	Title	Year 1												Year 2												Year 3											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
WP1	Management						D1.1																		M1.1												M1, D1.2
WP2	Data collection							M2.1									D2.1																				
WP3	Field work							M3.1															M3.2	D3.1													
WP4	Research part x														M4.1, D4.1																			M4.2, D4.2			
WP5	Research part y																								M5.1, D5.1												
WP6	Dissemination and communication					D6.1						D6.2			D6.3						D6.4																
WP7	Secondments																																	M7.1			
...	...																																				

Legend Milestone M
        Deliverable D

A **deliverable** is a distinct output of the action, meaningful in terms of the action's overall objectives and may be a report, a document, a technical diagram, a software, etc. Deliverable numbers should be ordered according to delivery dates. Use the numbering convention <WP number>.<number of deliverable within that WP>. For example, deliverable 4.2 would be the second deliverable from work package 4.

Milestones are control points in the action that help to chart progress. Milestones may correspond to the completion of a key deliverable, allowing the next phase of the work to begin. They may also be needed at intermediary points so that, if problems have arisen, corrective measures can be taken. A milestone may be a critical decision point in the action where, for example, the researcher must decide which of several technologies to adopt for further development.

IF - Implementation

3.3. Appropriateness of the **institutional environment** (infrastructure)

The evaluator will assess:

1. Main tasks and commitments of the beneficiary and partner organization with the project. For GF also the role of partner organisations in Third Countries for the outgoing

2. The infrastructure, logistics, facilities offered to the fellow for the good implementation of the action

3. Section 5 (Capacities of the participating organizations) is evaluated here.

IF - Implementation

+

"The work–plan is credible, comprehensive and well–structured for both periods at the outgoing and return institutes."

"A very detailed work plan is given, which includes milestones and deliverables. Project is highly feasible and credible."

"The technical objectives of the implementation plan are clearly identified."

"The fellow will have access to outstanding equipment, collaboration network and high level academic associations."

"Despite the ambitious nature of the project a credible timeline has been demonstrated."

—

"Despite the clear contingency plan, aim 1 will be very challenging and the proposal does not convincingly demonstrate that sufficient time has been allocated for its completion."

"A very ambitious project at an appropriate institution, but the description of actually how the desired aims would be achieved is not very clear."

"The overall work plan is overambitious."

"The work plan is presented in terms of key events, but it is not clear 'how' these will bemanaged, monitored and achieved."

"The quality of the host's infrastructure is not assessed against the specific needs set out for the execution of the project.

¿Cómo redactar una propuesta técnica?

MSCA – ITN
Template
B2

5. Participating Organisations

All organisations (whether beneficiaries or partner organisations) must complete the appropriate table below. Complete one table of maximum one page per beneficiary and half a page per partner organisation (minimum font size: 9).

For **beneficiaries:**

Beneficiary Legal Name:	
General Description Include HR Excellence in Research and/or Athena SWAN logo here if applicable	Add a general description of the beneficiary and a short description of the actual centre/department/school participating in the action.
Role and Commitment of key persons (including supervisors)	Including names, title and the intended extent of involvement – in the action- percentage of full-time employment - of the key scientific staff who will be involved in the research, training and supervision
Key Research Facilities, Infrastructure and Equipment	Outline the key facilities and infrastructure available and demonstrate that each team has sufficient capacity to host and/or offer a suitable environment for supervising the research and training of the recruited Early-Stage Researchers
Status of Research premises	Please explain the status of the beneficiary's research facilities – i.e. are they owned by the beneficiary or rented by it? Are its research premises wholly independent from other beneficiaries and/or partner organisations in the consortium? This is relevant to academic spinouts –the company premises should not be the academic laboratory and should not be rented, i.e. they should be independent premises, or the Operational Capacity criterion might not be met
Previous Involvement in Research and Training Programmes	Detail any relevant EU, national or international research and training actions/projects in which the beneficiary has previously participated
Current Involvement in Research and Training Programmes	Detail any relevant EU, national or international research and training actions/projects in which the beneficiary is currently participating
Relevant Publications and/or Research / Innovation Product	Max. 5

6. Ethics Issues

All research activities in Horizon 2020 must respect fundamental ethics principles, including those reflected in the Charter of Fundamental Rights of the European Union.[31] These principles include the need to ensure the freedom of research and the need to protect the physical and moral integrity of individuals and the welfare of animals.

Research ethics is of crucial importance for all scientific domains. Informed consent and confidentiality are as important for a sociological study as they are for clinical research.

All proposals considered for funding will be submitted to an Ethics Review. The Ethics Review is the core of the H2020 Ethics Appraisal scheme, which concerns all proposals and projects, and also includes the Ethics Checks and Ethics Audit that can be initiated during the project implementation.

In this context, please be aware that it is the applicants' responsibility to identify any potential ethical issues, to handle the ethical aspects of their proposal, and to detail how they plan to address them.

If any ethics issues have been entered in the ethical issues checklist in Part A of the proposal, then an ethics self-assessment must be included in this section. For more details, please refer to the "H2020 How to complete your Ethics Self-Assessment" guide.[32]

The self-assessment in this section must:

The self-assessment in this section must:

1) Describe how the proposal meets the national legal and ethics requirements of the country or countries where the tasks raising ethical issues are to be carried out.

Should the proposal be selected for funding, applicants will be required to provide the following documents, if they are already in their possession:

- The ethics committee opinion required under national law
- The document that is mandatory under national law notifying activities raising ethics issues or authorising such activities

> *If these documents are not in English, applicants must also submit an English summary of them (containing, if available, the conclusions of the committee or authority concerned).*
>
> *If it is planned to request these documents specifically for the proposed project, the request must contain an explicit reference to its title.*

2) Explain in detail in the ethics issues table how the consortium intends to address the issues, in particular as regards:

- Research **objectives** (e.g. study of vulnerable populations, dual use, etc.)
- Research **methodology** (e.g. clinical trials, involvement of children and related consent procedures, protection of any data collected, etc.)
- The potential **impact** of the research (e.g. dual use issues, environmental damage, stigmatisation of particular social groups, political or financial retaliation, benefit-sharing, malevolent use, etc.).

Cada solicitante es responsable de:
•Identificar cualquier potencial aspecto ético
•Gestionar los aspectos éticos
•Detallar cómo se abordarán con suficiente detalle ya en la fase de la propuesta.

La parte ética de cada propuesta debe incluir una descipción de los aspectos y de cómo se trataran (Ethic Issues Table en part A, Ethics Self-Assessment en part B)

RTD-ETHICS-REVIEW-HELPDESK@ec.europa.eu

7. Letters of Commitment

Please use this section to insert scanned copies of the required **Letters of Commitment from partner organisations**. These should be on headed paper and signed in order to demonstrate the credibility of the organisation's commitment to the ITN.

You should not include Letters of Commitment from beneficiaries. The exception to this rule is for EJD applications – see below.

Ensure that the content of the Letter of Commitment from Partner Organisations matches precisely their stated tasks in the programme.

For EJD, Letters of Institutional Commitment must also be included from those academic beneficiaries that will award the doctoral degrees. These letters should be signed by an authorised legal representative of the organisation in question so as to offer reasonable assurance regarding the commitment to award the joint, double or multiple doctoral degree(s). A template for these letters is provided and must be followed by all academic EJD applicants awarding the doctoral degree(s) (please see Annex 6)

Ensure that these Letters of Commitments are signed off by the person authorised to commit the organisation to the joint/double degree. This is typically the Dean of Graduate Studies or equivalent, not the Vice President/Dean of Research.

Una carta de compromiso por cada Partner Organization
- El contenido es importante
- Cartas de compromisos genéricas no son útiles
- Deben contener aspectos específicos sobre el rol y la participación de la PA y su compromiso para realizarlos.

En los Doctorados Europeos Conjuntos, deben incluir Cartas de Compromiso por parte de los Beneficiarios Académicos que otorgan t'tulos de doctorado (La firma debe ser al máximo nivel en la institución)

Gracias

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