UNIVERSITÀ DI PARMA

Corso di formazione dottorandi

PROJECT DESIGN AND WRITING

9-10 aprile 2018

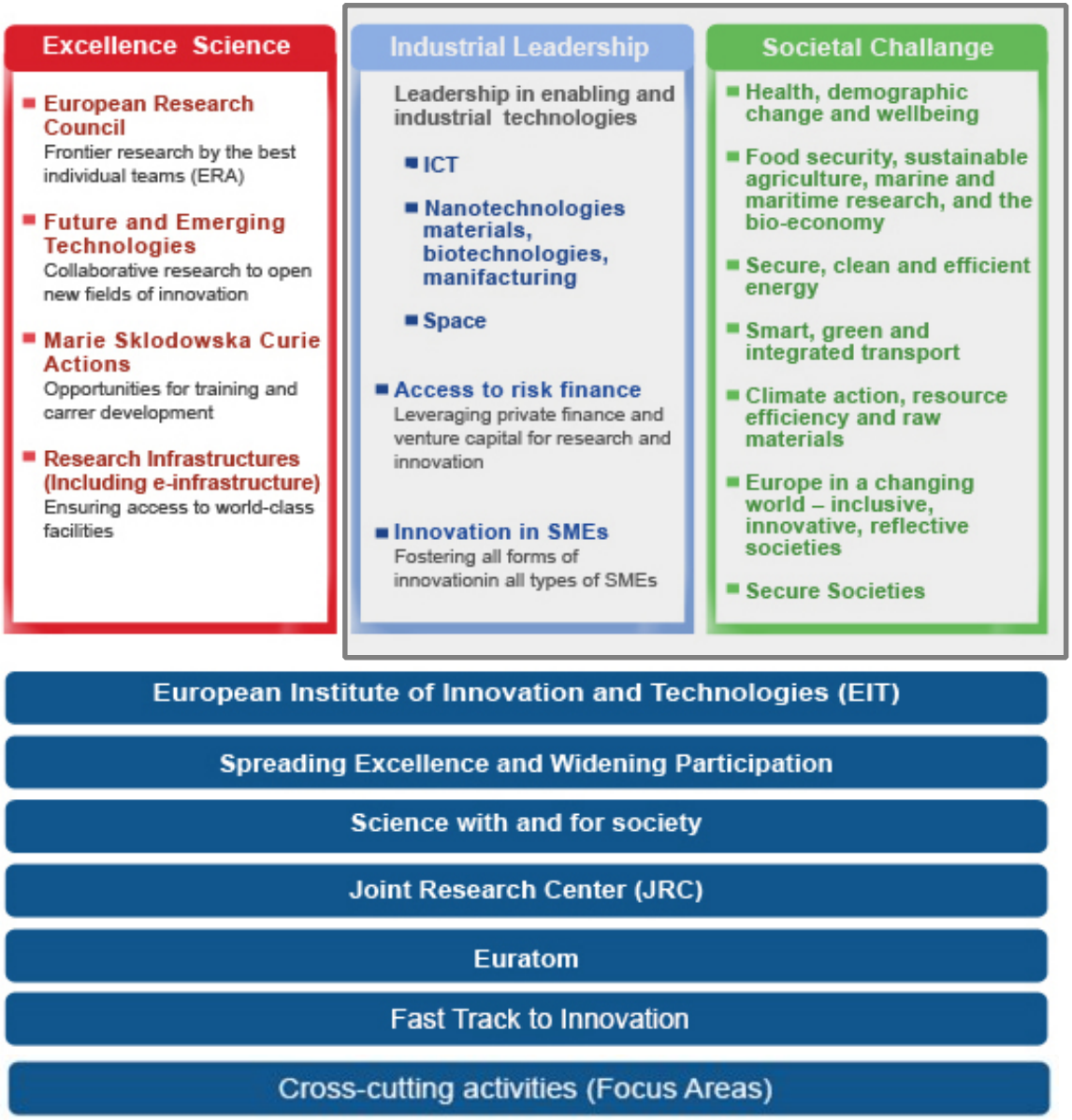
Dott.ssa Elisa Nicosia
Dott.ssa Silvia Tavernini
Ricerca Internazionale

Di cosa parliamo?

AGENDA
Horizon 2020 - introduction
Marie Skłodowska-Curie Actions
MSCA Individual Fellowship
Reference websites
Reference documents (tra cui «The European Charter of Researchers»)
European Fellowship vs. Global Fellowship
Financial aspects
Analisi del template PART - A
Analisi del template PART – B1
Analisi del template PART – B2

- Horizon 2020 è il più grande programma quadro (Framework Programme, FP) di ricerca ed innovazione mai finanziato finora dall'Unione Europea (~ 78 miliardi di euro).
- Horizon dura 7 anni (2014-2020). Il primo FP è iniziato nel 1984. Fino al 2006 i FP duravano 4-5 anni
- Horizon 2020 è un programma integrato che unisce ricerca e innovazione
- Ha lo scopo ultimo di contribuire ad una crescita intelligente, sostenibile e inclusiva.

3 PILASTRI



7 PROGRAMMI TRASVERSALI

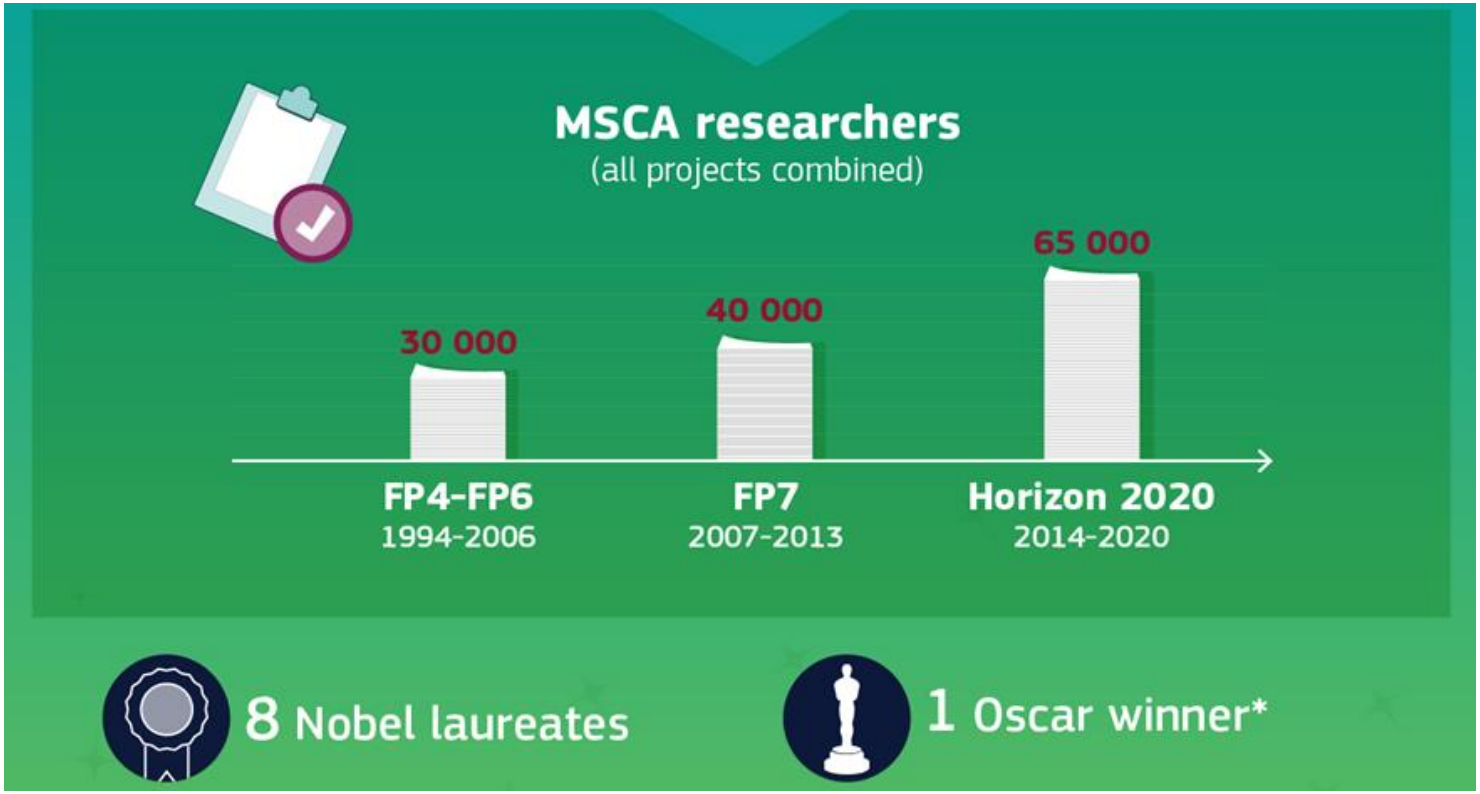
Horizon 2020
European Union Funding
for Research & Innovation

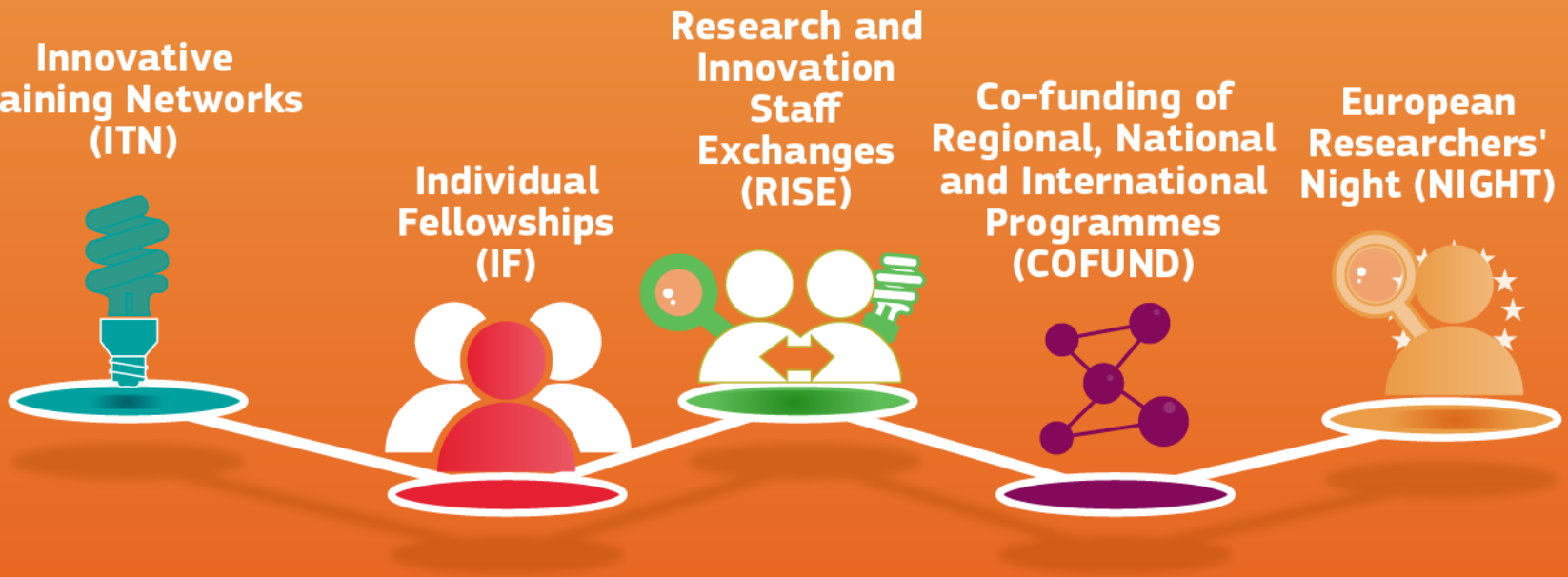
- Ha lo scopo elevare il livello di eccellenza della base scientifica europea, sostenere le idee e i talenti migliori, dare accesso ad infrastrutture di ricerca prioritarie.
- I finanziamenti vengono nella maggior parte dei casi assegnati senza priorità tematiche prestabilite (bottom-up).
- ~ Monobeneficiari

- Programmi top-down
- Multibeneficiari

AZIONI MARIE SKŁODOWSKA-CURIE

Obiettivo: rafforzare le competenze, la formazione e le prospettive di carriera dei ricercatori promuovendone la mobilità geografica e intersettoriale.





European Commission | Research Executive Agency

AZIONI MARIE SKŁODOWSKA-CURIE

<table>
<tr><th>ITN - Innovative Training Networks</th><th>IF - Individual Fellowships</th><th>RISE - Research and Innovation Staff Exchange</th><th>CO-FUND - Co-funding of regional, national and international programmes</th><th>NIGHT - European Researchers' Night</th></tr>
<tr><td>Incoraggiare nuove competenze attraverso una formazione eccellente ed innovativa dei giovani ricercatori (ESR)</td><td rowspan="2">Rafforzare il potenziale creativo ed innovativo dei ricercatori esperti (ER) mediante una mobilità transfrontaliera e intersettoriale.</td><td rowspan="4">Promuovere una collaborazione internazionale e intersettoriale attraverso scambi di personale per condividere conoscenze e buone prassi.</td><td rowspan="4">Stimolare programmi regionali, nazionali o internazionali per rafforzare l'eccellenza della formazione dei ricercatori e sviluppare la loro carriera.</td><td rowspan="4">Evento pubblico che si svolge ogni anno, il quarto venerdì del mese di settembre, in diverse località europee, dedicato alla divulgazione scientifica e all'apprendimento ludico.</td></tr>
<tr><td>ETN (European Training Networks)</td></tr>
<tr><td>EID (European Industrial Doctorates)</td><td>European Fellowship</td></tr>
<tr><td>EJD (European Joint Doctorates)</td><td>Global Fellowship</td></tr>
</table>

Key features

- high-impact research output
- a link between business, research and higher education
- for all career stages
- benefits society
- good working conditions
- open to the world
- international mobility
- inter-sectoral mobility
- bottom-up approach
- interdisciplinarity
- expands scientific knowledge
- hosts in any country or sector
- informing decision-makers

3 “i”

All domains of
RESEARCH AND INNOVATION

European Commission | *Research Executive Agency*

A) APPROCCIO BOTTOM -UP

Research fields are freely chosen by the applicants, except:

- research activity aiming at human cloning for reproductive purposes
- research activity intended to modify the genetic heritage of human beings which could make such changes heritable
- research activities intended to create human embryos solely for the purpose of research or for the purpose of stem cell procurement, including by means of somatic cell nuclear transfer
- areas of research covered by the EURATOM Treaty

B) PARTECIPANTI DAL SETTORE ACCADEMICO E NON ACCADEMICO

Academic sector

- public or private HEI awarding academic degrees,
- public or private non-profit research organisations,
- international European interest organisations

Non-academic sector

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

C) 2 DIVERSE TIPOLOGIE DI PARTECIPANTI

Beneficiaries

Beneficiaries are the legal entities that **sign the Grant Agreement** and have the responsibility for the proper implementation of the action. They contribute directly to the implementation of the research, transfer of knowledge and training activities.

Partner organisations

Partner organisations are institutions that provide additional training and host the researcher during secondments. The partner organisations do not recruit any researchers and **do not sign the grant agreement**. action

MSCA - IF

INDIVIDUAL FELLOWSHIPS

MARIE SKŁODOWSKA CURIE ACTIONS

INDIVIDUAL FELLOWSHIP WHY?

Are you an experienced researcher thinking about your next career move?

Individual Fellowships fund researchers looking to enhance their career development and prospects by working abroad.

INDIVIDUAL FELLOWSHIPS (IF)

Objective

- enhance the creative and innovative potential of experienced researchers
- provide opportunities to acquire new knowledge, work on research projects in a European context or outside Europe, resume a career or return to Europe

Scope

- Individual, trans-national fellowships awarded to the best or most promising researchers
- European Fellowships or Global Fellowships

Expected Impact

- release the full potential of researchers and to catalyse significant development in their careers in both the academic and non-academic sectors
- strengthen the contact network of the researcher and the host organisation

ER - Experienced Researchers

The Experienced Researcher (ER) is, at the date of the call deadline in possession of a **doctoral degree**

OR

≥4 years full-time equivalent research experience

Full-time equivalent research experience is measured from the date when a researcher obtained the degree entitling 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, even if a doctorate was never started or envisaged.

MOBILITY

The European Commission considers mobility between organisations as **an asset for the personal and career development of researchers**. It allows the enhancement of collaboration, and the acquisition of new skills and knowledge which contribute to increased creativity, efficacy and performance.

INTERNATIONAL MOBILITY of the researcher to another country is **an eligibility criterion for receiving MSCA funding**, while **INTERSECTORAL MOBILITY between the academic and non-academic sector** is also encouraged as this would further advance research or innovation.

INTERNATIONAL MOBILITY AC – Associated Countries

EUROPEAN COMMISSION
Directorate-General for Research & Innovation

Associated Countries

Association to Horizon 2020 is governed by Article 7 of the Horizon 2020 Regulation. Legal entities from Associated Countries can participate under the same conditions as legal entities from the Member States. Association to Horizon 2020 takes place through the conclusion of an International Agreement.

As of 01 January 2017, the following countries are associated to Horizon 2020:

- **Iceland**
- **Norway**
- **Albania**
- **Bosnia and Herzegovina**
- **the former Yugoslav Republic of Macedonia**
- **Montenegro**
- **Serbia**
- **Turkey**
- **Israel**
- **Moldova**
- **Switzerland**
- **Faroe Islands**
- **Ukraine**
- **Tunisia**
- **Georgia**
- **Armenia**

Associated Country (AC) is a third country which is party to an international agreement with the Union, as identified in Article 7 of Regulation (EU) No 1291/2013

* AC: http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-list-ac_en.pdf?_=58655886

INTERNATIONAL MOBILITY
Non Associated Third Countries - TC

Non-associated Third Countries (TC) are countries which are neither EU Member States (MS), nor associated to Horizon 2020 (AC)

I Paesi in via di sviluppo

La lista di circa 130 Paesi è disponibile all'indirizzo:
https://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2016-2017/annexes/h2020-wp1617-annex-a-countries-rules_en.pdf

I Paesi industrializzati e le economie emergenti

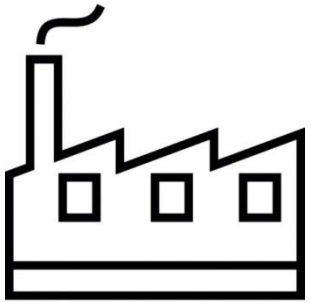
(es. USA, Canada, Giappone, ecc)

INTERSECTORAL MOBILITY

Academic sector

- public or private HEI awarding academic degrees,
- public or private non-profit research organisations,
- international European interest organisations

inter-sector collaboration



Non-academic sector

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

(e.g. large companies, SMEs, NGOs, museums, hospitals, international organisations such as UN, WHO)

TYPES OF INDIVIDUAL FELLOWSHIPS

European Fellowship

- **Standard European Fellowship** — EF-ST
- **Society & Enterprise Panel** — EF-SE

Global Fellowship — GF

Proposals for IF involve a *single* beneficiary located in a MS or AC.

STANDARD EUROPEAN FELLOWSHIPS (EF-ST)

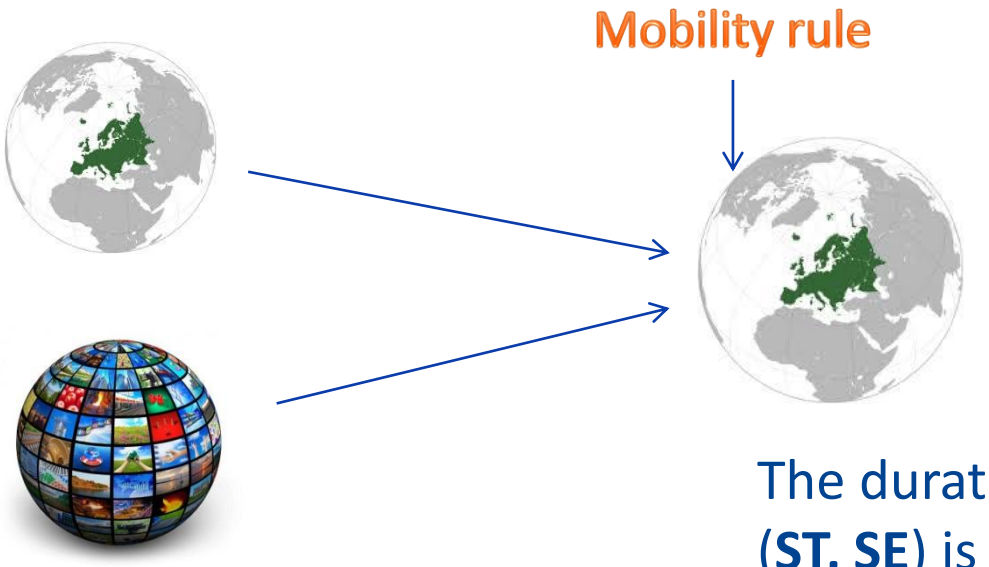
1. The researcher must be an **experienced researcher**
2. The researcher may be of **any nationality**. No age restrictions apply.
3. The researcher must **move or must have moved** (transnational mobility) **from any country to the MS or AC** where the beneficiary is located.

The researcher must comply with the

EF –ST MOBILITY RULE

The researcher must not have resided or carried out his/her main activity (work, studies, etc.) in the country of the beneficiary for more than 12 months in the 3 years immediately before the call deadline.

EF-ST – Standard European Fellowship



European Fellowships

The duration for European Fellowships (**ST, SE**) is **between 12 and 24 months**.

Example: An Italian researcher who obtained her PhD in Chemistry in Italy on 15 January 2017 applies for an EF-ST with a university in France for a 24-month fellowship in the CHE scientific area.

SOCIETY and ENTERPRISE PANEL EF-SE

1. The researcher must be an **experienced researcher**
2. The researcher may be of **any nationality**. No age restrictions apply.
3. The researcher must **move or have moved** (transnational mobility) **from any country to the MS or AC** where the beneficiary is located.

The researcher must comply with the **EF - SE MOBILITY RULE:**

The researcher must not have resided or carried out the main activity (work, studies, etc.) in the country of the beneficiary **for more than 36 months in the 5 years immediately before the call deadline.**

GLOBAL FELLOWSHIPS (GF)

The researcher must be an **experienced researcher**

The researcher must be **national or long-term resident of a MS or AC** (long-term residence means a period any time in the past of full-time research activity in a MS or AC, which lasted at least 5 consecutive years). No age restrictions apply.

Global Fellowships are composed of:

- an **outgoing phase** during which the researcher undertakes mobility to a **PARTNER ORGANIZATION** in a **TC for a period of between 12 and 24 months,**
- followed by a **mandatory 12-month return period** to **the beneficiary** located in a **MS or AC.**

GLOBAL FELLOWSHIPS (GF)

The BENEFICIARY must be located in an MS or AC, and,

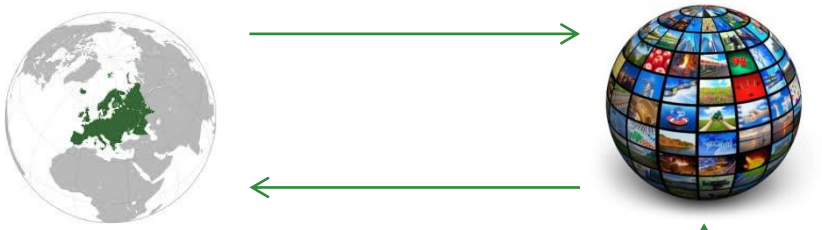
The PARTNER ORGANIZATION for the initial outgoing phase must be situated in a **TC** and is the entity where the initial outgoing phase takes place.

The researcher must comply with the **GF MOBILITY RULE:**

The researcher must not have resided or carried out their main activity (work, studies, etc.) in the country of the TC partner organisation where the initial outgoing phase takes place for more than 12 months in the 3 years immediately before the call deadline.

IF – Global Fellowship

Global Fellowships



Mobility rule

For the Global Fellowships there is an initial **outgoing phase between 12 and 24 months**, and an **additional mandatory 12 months return phase**

Example: *An Italian experienced researcher is recruited for a Global Fellowship by a Spanish beneficiary and will be hosted during the initial outgoing period of 24 months by an organisation in the USA. The experienced researcher will be returning to Spain for the mandatory 12-month return phase*

Letter of commitment- GF

Each partner organisation in a TC must include an up-to-date letter of commitment in Part B of the proposal to **demonstrate its real and active participation in the proposed action and its precise role** should also be clearly described in the proposal.

SECONDMENTS

During the implementation of the IF the Experienced Researcher may be seconded to another institution in Europe. Such secondments must significantly contribute to the impact of the fellowship and therefore in certain research fields would be expected to take place in the non-academic sector.

The organisation where the secondment takes place is a PARTNER ORGANISATION and must be located in the Member States or Associated Countries.

Duration of the fellowship	Maximum duration of secondment
≤ 18 months	3 months
> 18 months	6 months

The secondment phase can be a single period or divided into shorter mobility periods

FINANCIAL ASPECTS

	Researcher unit cost in EUR person/month			Institutional unit cost in EUR person/month	
	Living* Allowance	Mobility Allowance	Family Allowance	Research, training and networking costs	Management and indirect costs
Individual Fellowships	4,650*	600	500	800	650

* ***The country correction coefficients that will be applied are indicated in the Work Programme***

The financial support for Marie Skłodowska-Curie IFs takes the form of a grant covering up to 100% of the costs.

NOVITA' Work Programme 2018-2020

- **Part-time work for researchers in Individual Fellowships**
  - To pursue **supplementary activities**, such as creating a business, advanced studies, etc.
  - Only condition for request: agreement between supervisor and fellow
  - Minimum working time in MSCA: ≥50%
  - Proportional extension of project

REFERENCE WEBISTES

(lista non esaustiva)

MSCA website:
https://ec.europa.eu/research/mariecurieactions/

EURAXESS
https://euraxess.ec.europa.eu/

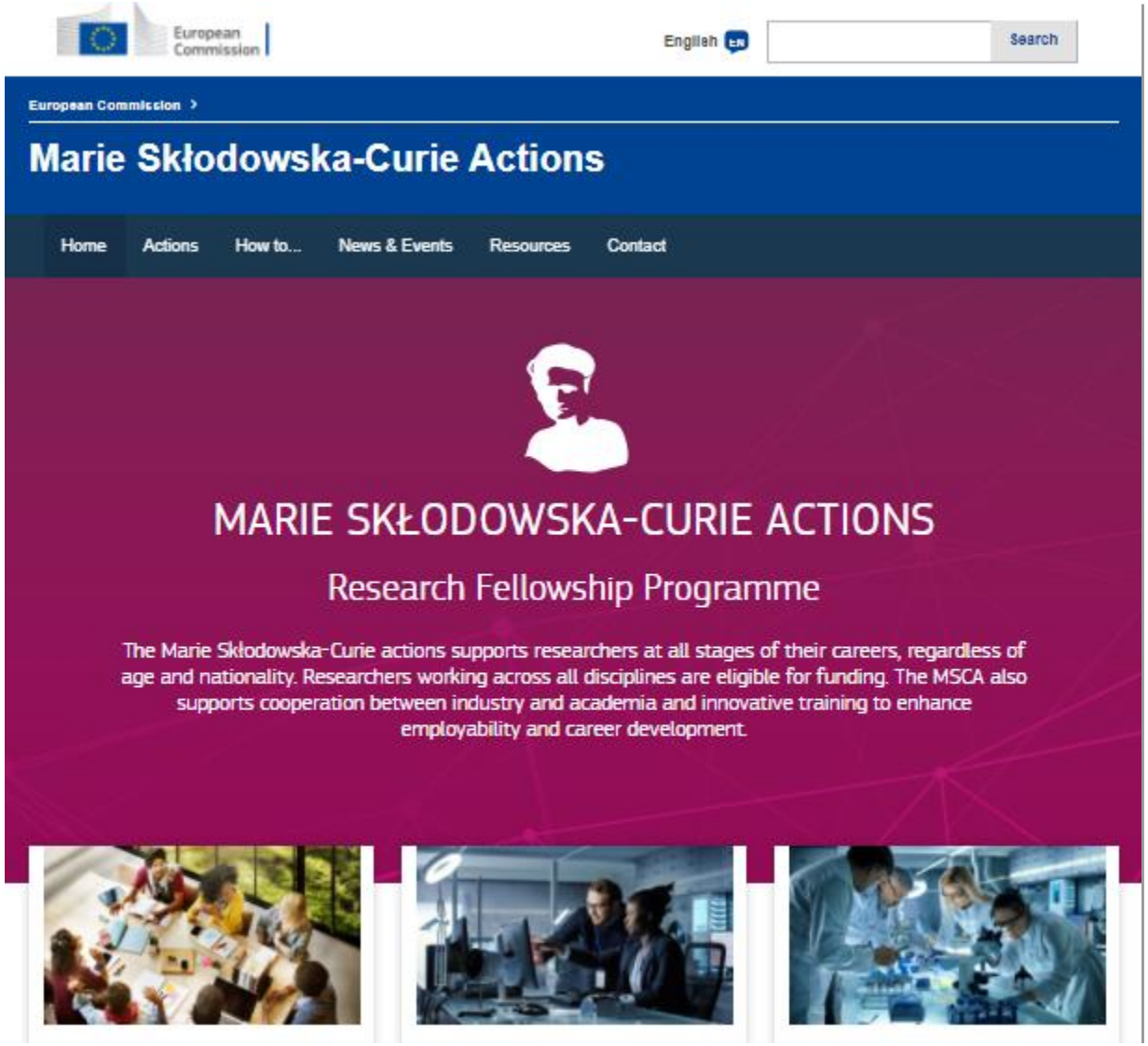
MSCA on Facebook:
https://www.facebook.com/Marie.Curie.Actions

Register to Marie Curie Alumni Platform
https://www.mariecuriealumni.eu

Cordis
https://cordis.europa.eu/home_it.html

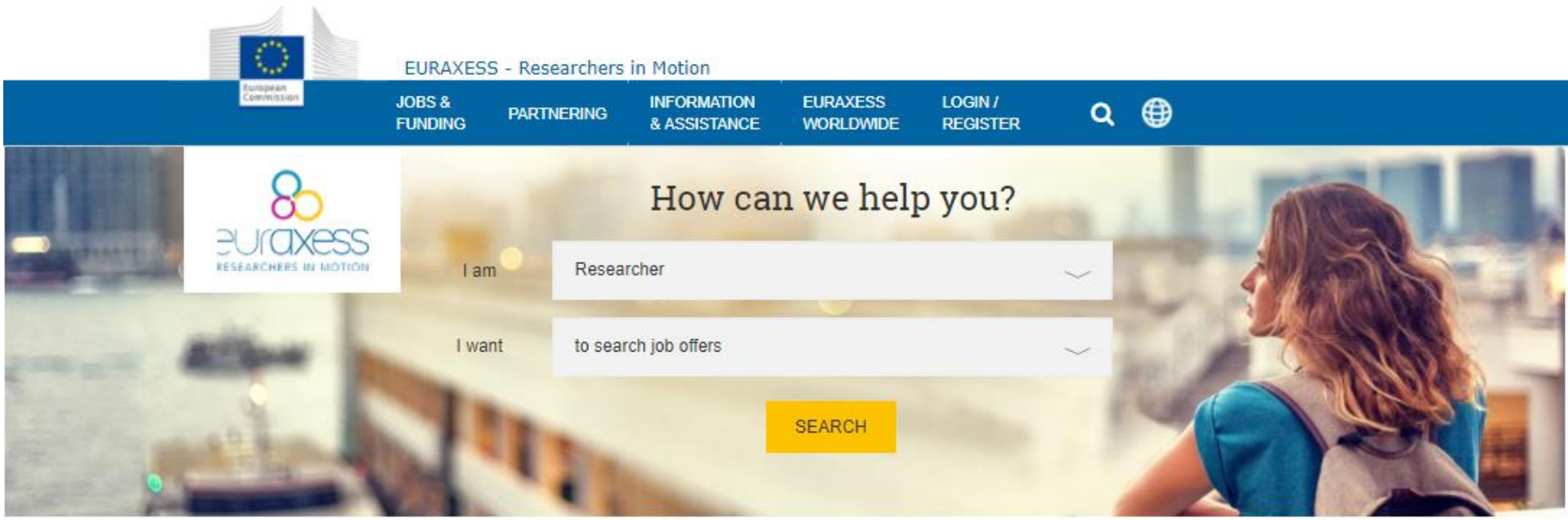
Participant Portal:
http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/index.html

Marie Skłodowska-Curie Actions – OFFICIAL WEBSITE



https://ec.europa.eu/research/mariecurieactions/

EURAXESS

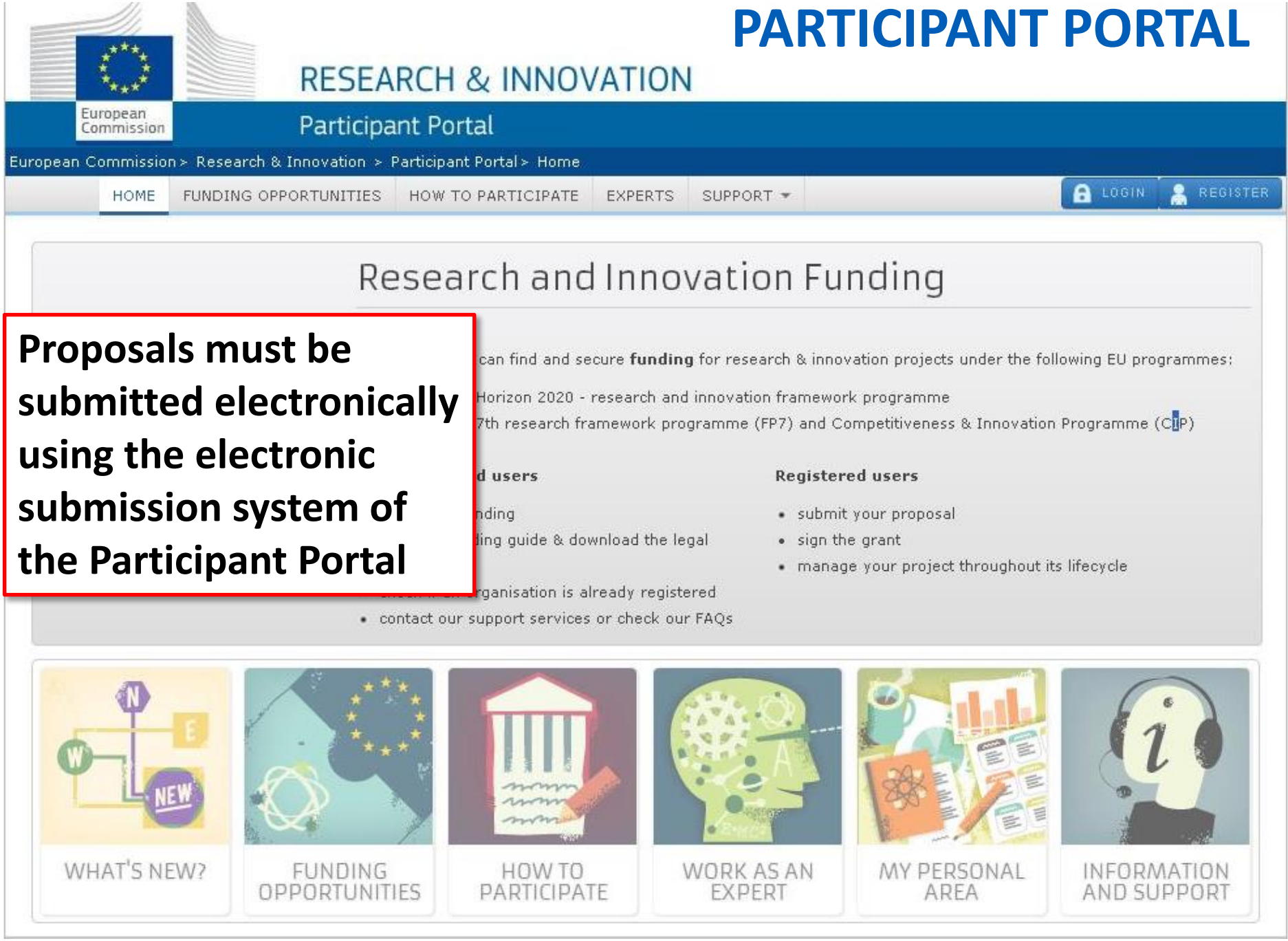


Welcome

EURAXESS - Researchers in Motion is a unique pan-European initiative delivering information and support services to professional researchers. Backed by the European Union and its Member States, it supports researcher mobility and career development, while enhancing scientific collaboration

https://euraxess.ec.europa.eu/

PARTICIPANT PORTAL



Proposals must be submitted electronically using the electronic submission system of the Participant Portal

PROPOSAL SUBMISSION

The proposal should be prepared by the researcher **in liaison with the applicant organisation, which is represented by the main supervisor**. It is important to note that the experienced researcher and the supervisor must be two different people.

Proposals can be submitted by the researcher. However, the **submission of the proposal** (and other actions that follow this procedure such as withdrawal) falls under the **final responsibility** of the applicant organisation, represented by the main supervisor

Source: Guide for Applicants

PROPOSAL SUBMISSION

Only one proposal

Keep in mind that **only one proposal per researcher** may be submitted to this call.

In the event of multiple submissions, **REA will contact the supervisor and researcher, who will then choose the proposal to be evaluated**:

- In case no reply is received, the first submitted proposal will be evaluated.
- In case of disagreement between supervisor and researcher, the supervisor's opinion prevails.

Any other submitted proposals involving the same researcher will not be evaluated.

SEZIONI DEL PARTICIPANT PORTAL

Sezioni accessibili a tutti SENZA registrazione al Portale

Accesso area riservata, occorre registrarsi al Portale ed effettuare il LOGIN con il proprio account ECAS

European Commission

RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Funding Opportunities

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

EU Programmes 2014-2020

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  - 3rd Health Programme
  - Asylum, Migration and Integration Fund
  - Consumer Programme
  - COSME
  - Internal Security Fund - Borders
  - Internal Security Fund - Police
  - Justice Programme
  - Promotion of Agricultural Products
  - Rights, Equality and Citizenship Programme
  - Research Fund for Coal & Steel

FP7 & CIP Programmes 2007-2013

- Calls

Funding Opportunities

H2020 ONLINE MANUAL

Find the European Union funding opportunities and search for new or closed calls of the programmes described on this page.

Tutte le *call* Horizon 2020 aperte, chiuse o imminenti

Horizon 2020

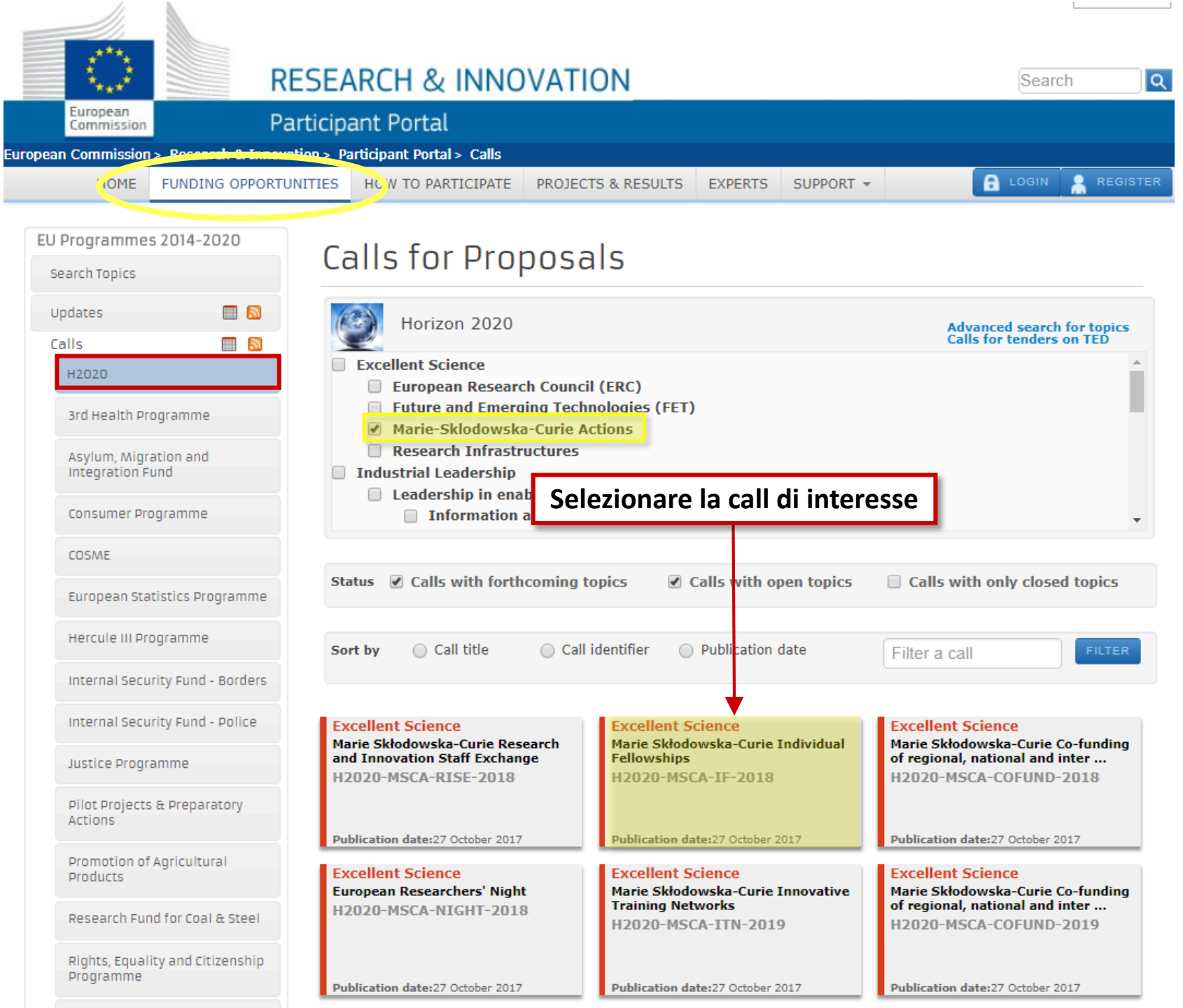
Horizon 2020 is the new EU funding programme for research and innovation running from 2014 to 2020 with a €80 billion budget. H2020 supports SMEs with a new **instrument** that runs throughout various funded research and innovation fields,enhances EU international research and Third Country participation, attaches high importance to integrate social sciences and humanities encourages to develop a gender dimension in project.

Cosme

Programme for the Competitiveness of Enterprises and SMEs (COSME) will run from 2014 to 2020, with a planned budget of €2.3bn. It will facilitate SME access to finance, create supportive environment for business creation, help small businesses operate outside their home countries and improve their access to markets.

Consumer Programme

The Multiannual Consumer Programme 2014-2020 has a planned budget of 188 million EUR. It will support actions that ensure a high level of consumer protection, that empower consumers and that place the consumer at the heart of the internal market.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Future and Emerging Technologies (FET)
Marie-Sklodowska-Curie Actions
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Industrial Leadership
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H2020-MSCA-RISE-2018
Publication date:27 October 2017
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Marie Skłodowska-Curie Individual Fellowships
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Excellent Science
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Publication date:27 October 2017
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H2020-MSCA-COFUND-2019
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Asylum, Migration and Integration Fund

Consumer Programme

COSME

European Statistics Programme

Hercule III Programme

Internal Security Fund - Borders

Internal Security Fund - Police

Justice Programme

Pilot Projects & Preparatory Actions

Promotion of Agricultural Products

Research Fund for Coal & Steel

CALL: MARIE SKŁODOWSKA-CURIE INDIVIDUAL FELLOWSHIPS
Call identifier: H2020-MSCA-IF-2018
Publication date: 27 October 2017

Call budget overview

Horizon 2020
Pillar: Excellent Science
Work Programme Year: H2020-2018-2020
Work Programme Part: Marie Skłodowska-Curie actions

H2020 website

Topics and submission service

To access the **Submission Service**, please **select the TOPIC** of your interest and then open the Submission Service tab.
To access **existing draft proposals**, please login to the portal and select My Proposals from the My Area menu.

Status ☑ Forthcoming ☑ Open ☑ Closed

Sort by ○ (Planned) opening date ○ Deadline ○ Topic title ◉ Topic identifier

Topic: MSCA-IF-2018: Individual Fellowships — Forthcoming
Publication date: 27 October 2017

Types of action:
MSCA-IF-GF Global Fellowships
MSCA-IF-EF-ST Standard European Fellowships
MSCA-IF-EF-SE Society and Enterprise panel
MSCA-IF-EF-RI Reintegration panel
MSCA-IF-EF-CAR Career Restart panel

DeadlineModel: single-stage
Opening date: 12 April 2018

Deadline: 12 September 2018 17:00:00
Time Zone : (Brussels time)

EU Programmes 2014-2020

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3rd Health Programme

Justice Programme

Pilot Projects & Preparatory Actions

Promotion of Agricultural Products

Research Fund for Coal & Steel

TOPIC : Individual Fellowships

Topic identifier: MSCA-IF-2018
Publication date: 27 October 2017

Types of action: MSCA-IF-GF Global Fellowships
MSCA-IF-EF-ST Standard European Fellowships
MSCA-IF-EF-SE Society and Enterprise panel
MSCA-IF-EF-RI Reintegration panel
MSCA-IF-EF-CAR Career Restart panel

DeadlineModel: single-stage
Planned opening 12 April 2018 **Deadline:** 12 September 2018 17:00:00

5. Proposal templates, evaluation forms and model grant agreements (MGA):

Specific rules and funding rates are described in the MSCA part of the Work Programme.
Standard proposal template
MSCA standard evaluation form
Guide for applicants MSCA-IF *[The relevant version will be published at the opening of the call for proposals]*
Model Grant Agreement MSCA IF – Mono-Beneficiary
Annotated Grant Agreement

The goal of the Individual Fellowships is to enhance the creative and innovative potential of experienced researchers, wishing to diversify their individual competence in terms of skill acquisition through

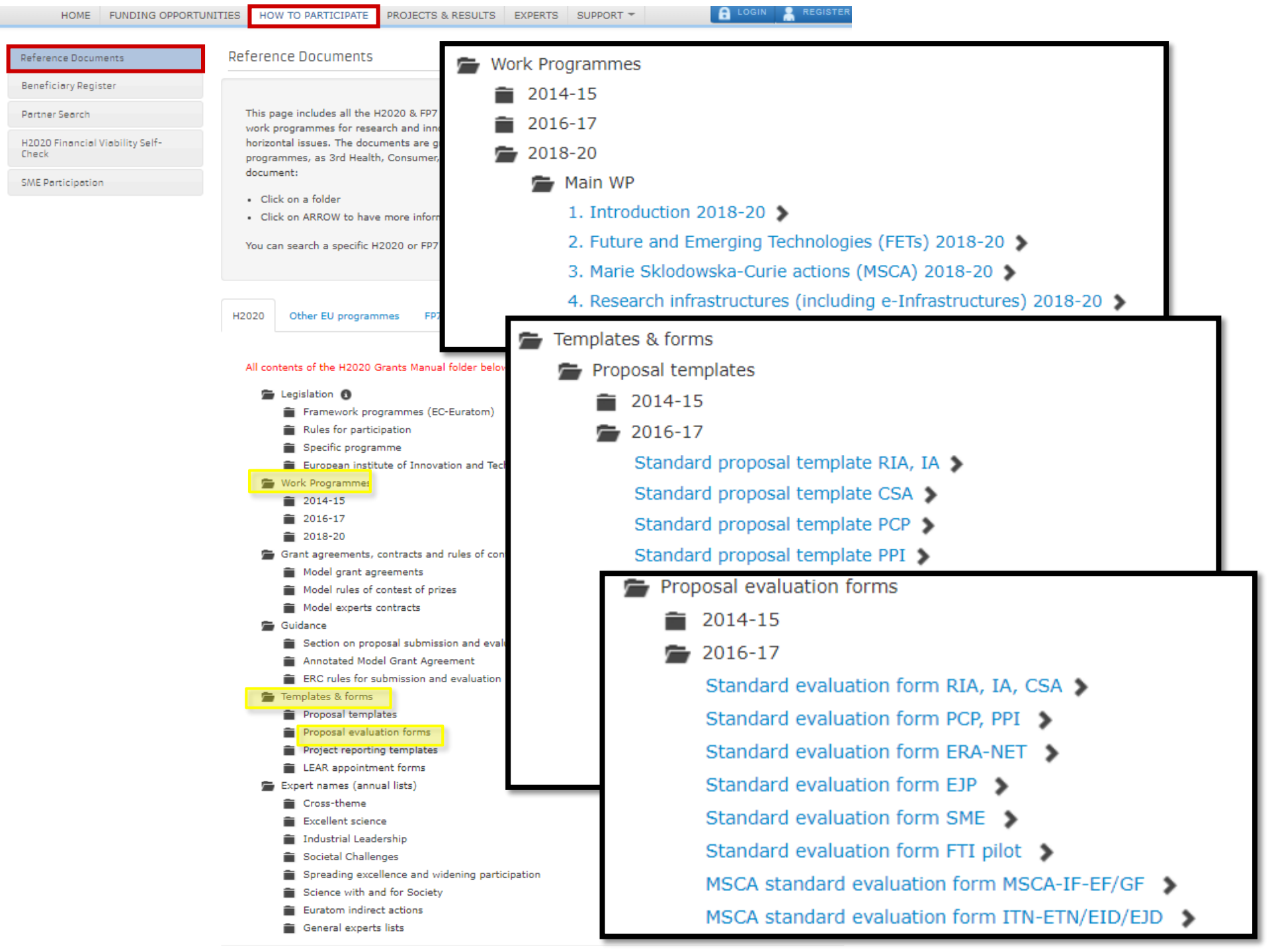
Topic conditions and documents

+ More

1. Eligible countries: described in Annex A of the Work Programme.
A number of non-EU/non-Associated Countries that are not automatically eligible for funding have made specific provisions for making funding available for their participants in Horizon 2020 projects. See the

***Reference documents*:**

archivio digitale dei documenti legali, linee guida e altro materiale di riferimento per H2020 e FP7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horizontal issues. The documents are g
programmes, as 3rd Health, Consumer,
document:
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Click on ARROW to have more infor
You can search a specific H2020 or FP7
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2. Future and Emerging Technologies (FETs) 2018-20
3. Marie Sklodowska-Curie actions (MSCA) 2018-20
4. Research infrastructures (including e-Infrastructures) 2018-20
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Standard proposal template PCP
Standard proposal template PPI
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Standard evaluation form PCP, PPI
Standard evaluation form ERA-NET
Standard evaluation form EJP
Standard evaluation form SME
Standard evaluation form FTI pilot
MSCA standard evaluation form MSCA-IF-EF/GF
MSCA standard evaluation form ITN-ETN/EID/EJD

REFERENCE DOCUMENTS *(lista non esaustiva)*

Marie Sklodowska-Curie Actions (MSCA) - Work Programme 2018-20
http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-msca_en.pdf

MSCA standard evaluation form
http://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/ef/2018-2020/h2020-call-ef-msca-if-2018-20_en.pdf

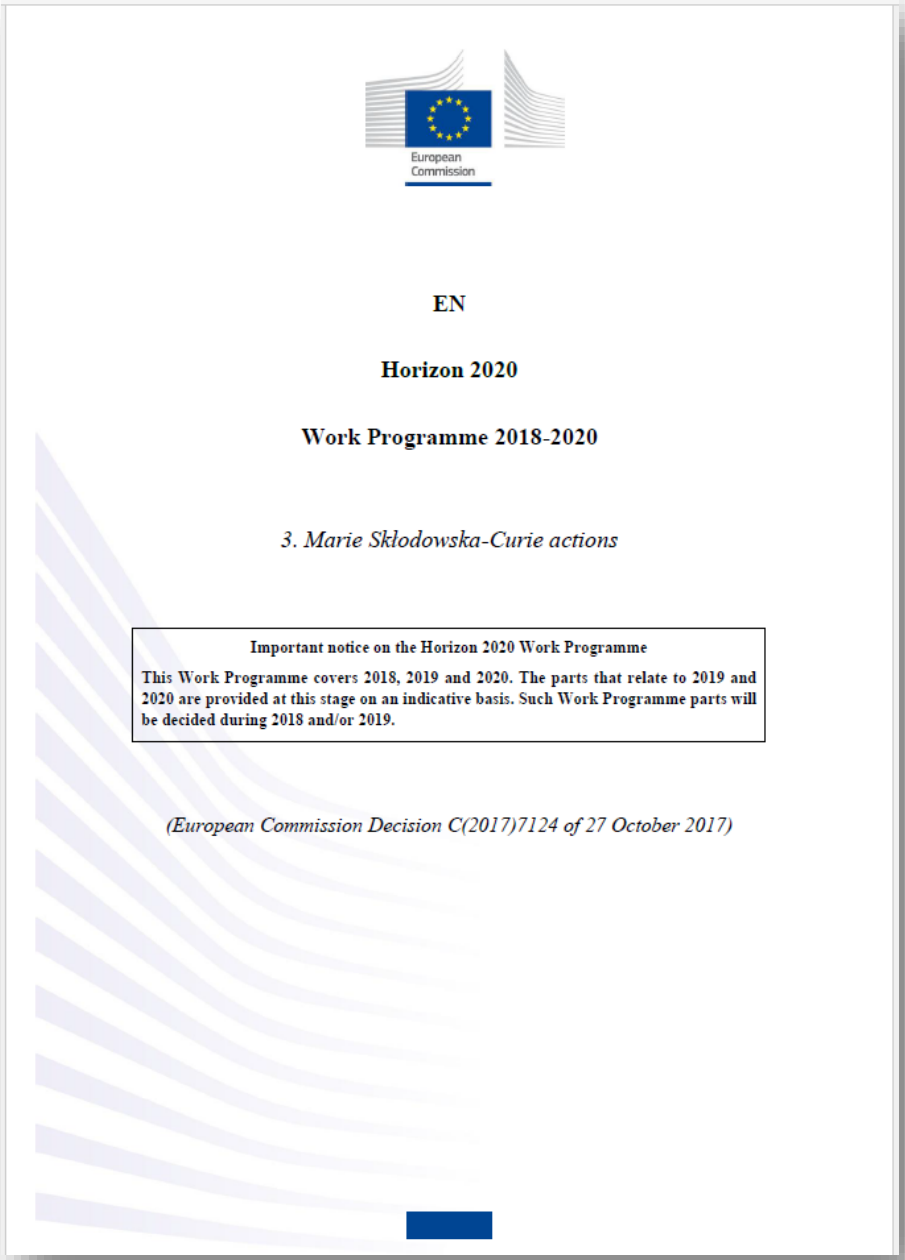
The European Charter for Researcher and The Code of Conduct for recruitment of Researchers
https://euraxess.ec.europa.eu/jobs/charter/european-charter

Guide for applicants MSCA IF *relevant version will be published at the opening of the call for proposals]*
http://ec.europa.eu/research/participants/data/ref/h2020/other/guides_for_applicants/h2020-guide-appl-msca-if_en.pdf

Standard proposal template
http://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/pt/2018-2020/h2020-call-pt-msca-if-2018-20_en.pdf

IP management in Horizon 2020 Marie Skłodowska-Curie Actions
https://www.iprhelpdesk.eu/sites/default/files/newsdocuments/Fact-Sheet-IP-Management-in-H2020-MSCAs.pdf

REFERENCE DOCUMENTS – WORK PROGRAMME 2018-2020



European Commission

EN

Horizon 2020

Work Programme 2018-2020

3. Marie Skłodowska-Curie actions

Important notice on the Horizon 2020 Work Programme

This Work Programme covers 2018, 2019 and 2020. The parts that relate to 2019 and 2020 are provided at this stage on an indicative basis. Such Work Programme parts will be decided during 2018 and/or 2019.

(European Commission Decision C(2017)7124 of 27 October 2017)

Table of contents

Proposals are invited against the following topic(s):

MSCA-IF-2018: Individual Fellowships

Objective: *The goal of the Individual Fellowships is to en*
potential of experienced researchers, wishing to diversi
terms of skill acquisition through advanced training, intern

Individual Fellowships provide opportunities to researcher
transfer new knowledge and to work on research and in
States and Horizon 2020 Associated Countries) and
supports the return and (re)integration of European rese
those who have previously worked here, as well as researc
the EU and Horizon 2020 Associated Countries. It als
individual researchers who show great potential.

Scope: Support is foreseen for individual, trans-national
most promising researchers of any nationality, for empl
Horizon 2020 Associated Countries. It is based on an
researcher and the beneficiary in the academic or non-acad

Only one proposal per individual researcher per call will be

Fellowships take the form of European Fellowships
Fellowships are held in EU Member States or Horizon 2
open to researchers either coming to Europe from any cou
Europe. The researcher must comply with the rules of
European Fellowship is held.

Direct return to and long-term reintegration of research
country of origin, is supported via a separate multi-disc
European Fellowships. For the reintegration panel, ther
country of the beneficiary in Europe from a third country (
short stays such as holidays are not taken into account).

Support to individuals to resume research in Europe after
leave or due to recent migration, is ensured via a separa
panel of the European Fellowships. To qualify for the ca
not have been active in research for a continuous period of at least 12 months within the 18
months immediately prior to the deadline for submission.

Expected Impact:

At researcher level:

- Increased set of skills, both research-related and transferable ones, leading to improved employability and career prospects both in and outside academia

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- Increase in higher impact R&I output, more knowledge and ideas converted into products and services
- Greater contribution to the knowledge-based economy and society

At organisation level:

- Enhanced cooperation and stronger networks
- Better transfer of knowledge between sectors and disciplines
- Boosting of R&I capacity among participating organisations

At system level:

- Increase in international, interdisciplinary and intersectoral mobility of researchers in Europe
- Strengthening of Europe's human capital base in R&I with more entrepreneurial and better trained researchers
- Better communication of R&I results to society
- Increase in Europe's attractiveness as a leading destination for R&I

REFERENCE DOCUMENTS – NOVITA' WORK PROGRAMME 2018-2020

Although a bottom-up programme, the Marie Skłodowska-Curie Actions also significantly contribute to achieving the Sustainable Development Goals (SDG) as evidenced by the H2020 interim evaluation: "*MSCA funding addresses societal challenges to a significant extent, above the Horizon 2020 average and well ahead of the other areas in the excellence pillar: 62% of the budget in 2014-2015 was awarded to projects related to sustainable development, 23% to climate change and 6% to biodiversity.*"[1]

Building on the MSCA success story so far, the MSCA in 2018-2020 place further emphasis on empowering researchers: In addition to their research project, researchers may undertake supplementary activities in order to maximise their future employability and strengthen their careers. Both early-stage and experienced researchers may choose to lecture, tutor, and supervise students, and follow training in order to perform such tasks. Time spent on these activities should be of a reasonable amount which, in the opinion of both the researcher and his/her supervisor would not jeopardise the execution of the research project and is considered to be part of the MSCA action similarly to dissemination and communication activities, including public outreach. Experienced researchers may opt to work part-time on their MSCA action in order to pursue supplementary activities. These might include creating a company, pursuing another research project, or engaging in advanced studies not related to the MSCA grant.

The MSCA will increase support to providing conducive framework conditions to integrating researchers displaced by conflict outside the EU and Horizon 2020 Associated Countries into the European research and innovation landscape on a long-term basis.

The results from the first years of Horizon 2020 implementation reveal the existence of a research and innovation gap across Europe and discrepancies between European countries in ttract excellent researchers. Therefore, specific Widening Fellowships in line lity standards of the MSCA Individual Fellowships will be implemented rogramme part 15 (Spreading Excellence and Widening Participation).

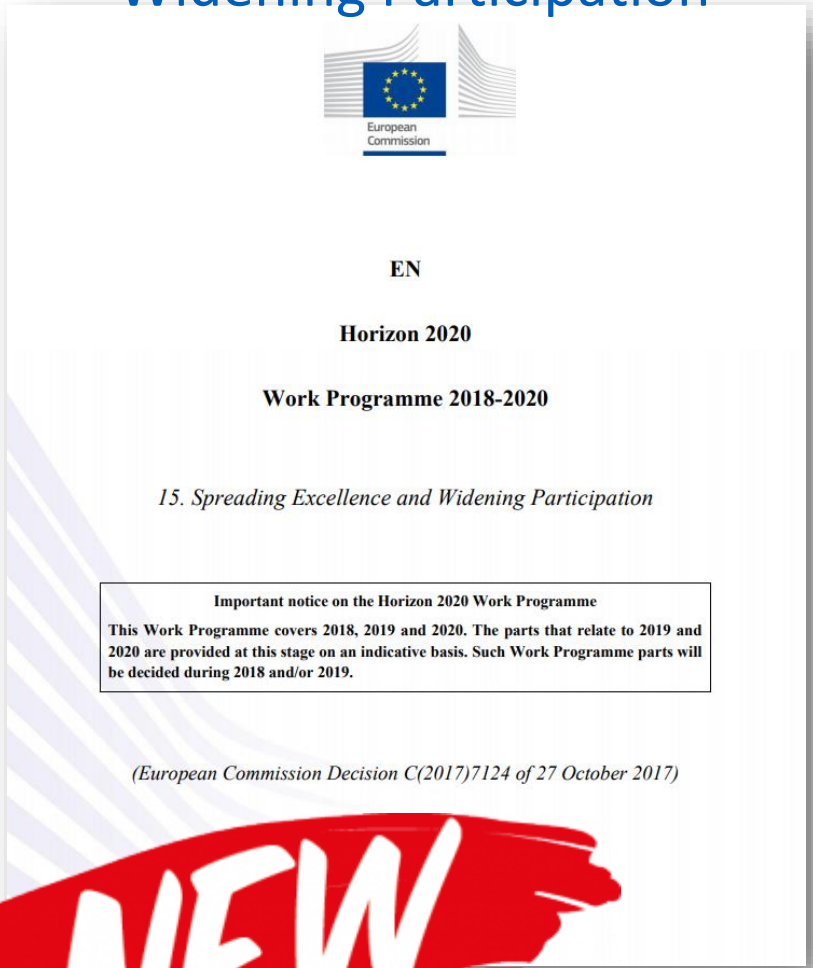
NEW

nples of the European Charter for Researchers and Code of Conduct for the Recruitment of Researchers (Charter and Code) promoting open recruitment and attractive working and employment conditions are a cornerstone of the MSCA and all funded participants must apply them in line with the provisions of the grant agreement.

The MSCA pay particular attention to equal opportunities, which includes gender balance and the inclusion of researchers with disabilities. In line with the Charter and Code, all MSCA

REFERENCE DOCUMENTS – NOVITA' WORK PROGRAMME 2018-2020

Spreading Excellence and Widening Participation



European Commission

EN

Horizon 2020

Work Programme 2018-2020

15. Spreading Excellence and Widening Participation

Important notice on the Horizon 2020 Work Programme

This Work Programme covers 2018, 2019 and 2020. The parts that relate to 2019 and 2020 are provided at this stage on an indicative basis. Such Work Programme parts will be decided during 2018 and/or 2019.

(European Commission Decision C(2017)7124 of 27 October 2017)

NEW

Horizon 2020 - Work Programme 2018-2020
Spreading Excellence and Widening Participation

Call - Widening Fellowships

H2020-WF-2018-2020

The goal of the Individual Fellowships is to enhance the creative and innovative potential of experienced researchers, wishing to diversify their individual competence in terms of skill acquisition through advanced training, international and intersectoral mobility. Widening fellowships, in particular, provide specific support to researchers to undertake their fellowship in a widening country. This will help spread excellence and close the still apparent research and innovation gap within Europe.

Proposals are invited against the following topic(s):

WF-01-2018: Widening Fellowships

Specific Challenge: The Marie Skłodowska-Curie actions (MSCA) contribute to boosting jobs, growth and investment by equipping researchers with the new knowledge, skills and international and inter-sectorial exposure to fill the top positions of tomorrow and solve current and future societal challenges. They are based on the principle of mobility, and researchers can receive funding on the condition that they move from one country to another to acquire new knowledge. The results from the first years of MSCA in Horizon 2020 also revealed the existence of a mobility gap across Europe and discrepancies between European countries in their ability to attract funding. To specifically address this gap in participation Widening Fellowships will provide an additional opportunity to researchers of any nationality to acquire and transfer new knowledge and to work on research and innovation in Widening countries.

Scope: Support is foreseen for individual, trans-national fellowships awarded to researchers of any nationality, in Widening countries. Applications to the 2018 call for Marie Skłodowska-Curie actions Individual Fellowships (MSCA-IF), where the host organisation is located in an eligible widening country, will be automatically resubmitted to this call in case their proposal fails to reach an adequate place in the ranking to be funded in the regular MSCA-IF call[25]. Applicants who do not wish to be considered for this funding opportunity may opt out during the application stage.

The proposals submitted under the Widening Fellowships must fulfil all the admissibility and eligibility conditions of the Marie Skłodowska-Curie actions Individual Fellowships and pass all the thresholds for that call.

The award criteria, scoring and threshold for Marie Skłodowska-Curie actions apply to eligible proposals. Proposals will be ranked according to the 2018 MSCA-IF call scores and evaluation procedure and will retain scores and comments included in the Evaluation

➢ Widening Fellowships

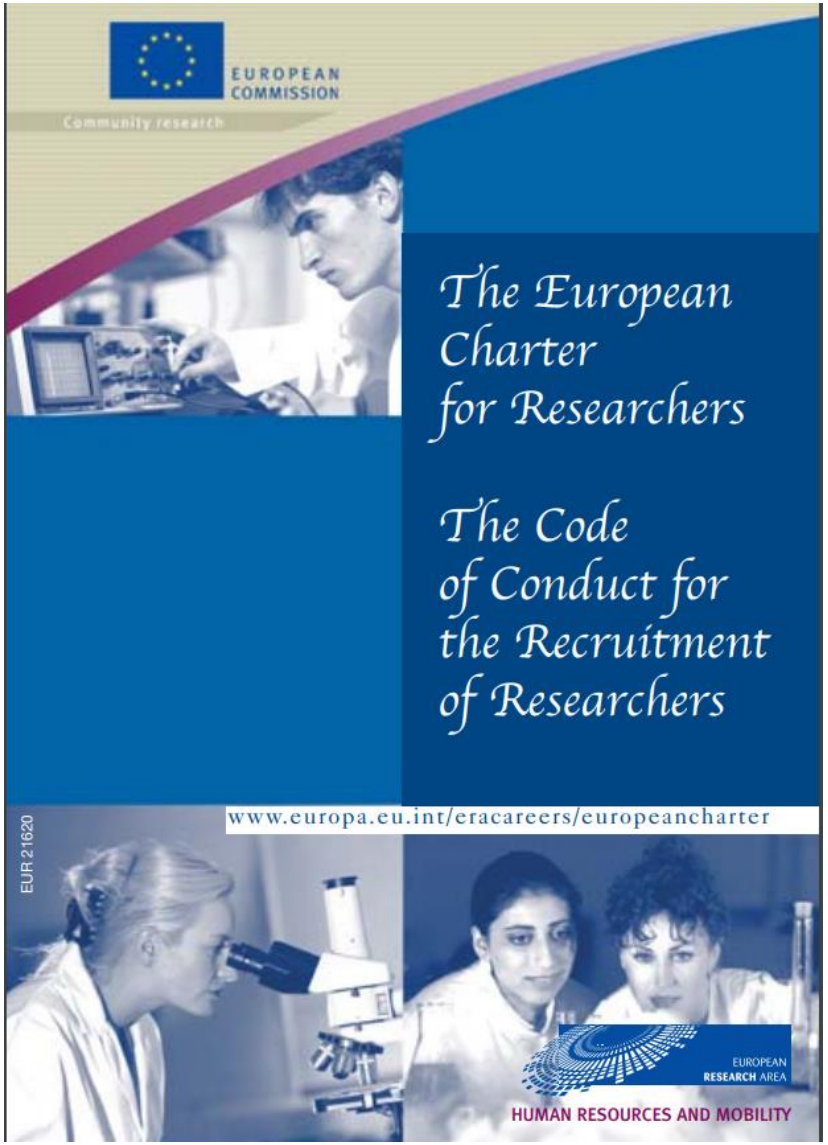
- ➢ For individual fellows going to countries targeted by the H2020 Widening actions
- ➢ EUR 5 million in 2018, EUR 6 million in 2019 and EUR 7 million in 2020
- ➢ Not MSCA-Fellowships, but implemented via Work Programme part 15: Spreading Excellence and Widening Participation
- ➢ Based on evaluation from the MSCA-IF call

Widening Fellowships countries

Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia and Slovenia or Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Former Yugoslav Republic of Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey and Ukraine.

NEW

REFERENCE DOCUMENTS



La **Carta Europea dei Ricercatori** è un insieme di **principi generali e requisiti che specificano il ruolo, le responsabilità e i diritti** dei ricercatori e delle persone che assumono e/o finanziano i ricercatori.
Scopo di tale Carta è garantire che la natura dei rapporti tra ricercatori e datori di lavoro o finanziatori favorisca esiti positivi per quanto riguarda la **produzione, il trasferimento, la condivisione e la diffusione delle conoscenze e dello sviluppo tecnologico**, e sia propizia allo sviluppo professionale dei ricercatori.
La Carta riconosce inoltre il valore di tutte le forme di **mobilità come strumento per migliorare lo sviluppo professionale dei ricercatori**

Il **Codice di Condotta per l'Assunzione dei Ricercatori** consiste in un insieme di **principi generali e prescrizioni che dovrebbero esser applicati dai datori di lavoro e/o dai finanziatori** quando nominano o assumono dei ricercatori. Questi principi e prescrizioni dovrebbero garantire il rispetto di criteri quali la **trasparenza del processo di assunzione e la parità di trattamento dei candidati**, soprattutto nella prospettiva della creazione di un mercato del lavoro europeo attrattivo, aperto e sostenibile per i ricercatori, e **sono complementari rispetto ai principi e alle prescrizioni contenuti nella Carta europea dei ricercatori**

REFERENCE DOCUMENTS – GUIDE FOR APPLICANTS

H2020 Programme

Guide for Applicants

Marie Skłodowska-Curie Actions Individual Fellowships (IF)

Version 1.5
19 May 2017

Disclaimer
This guide aims to facilitate potential applicants. It is provided for information purposes only and is not intended to replace consultation of any applicable legal sources. Neither the European Commission nor the Research Executive Agency (or any person acting on their behalf) can be held responsible for the use made of this guidance document. The guidance provided in the Annotated Model Grant Agreement shall prevail in case of discrepancies.

CONTENTS

START EARLY

When are you going to apply?

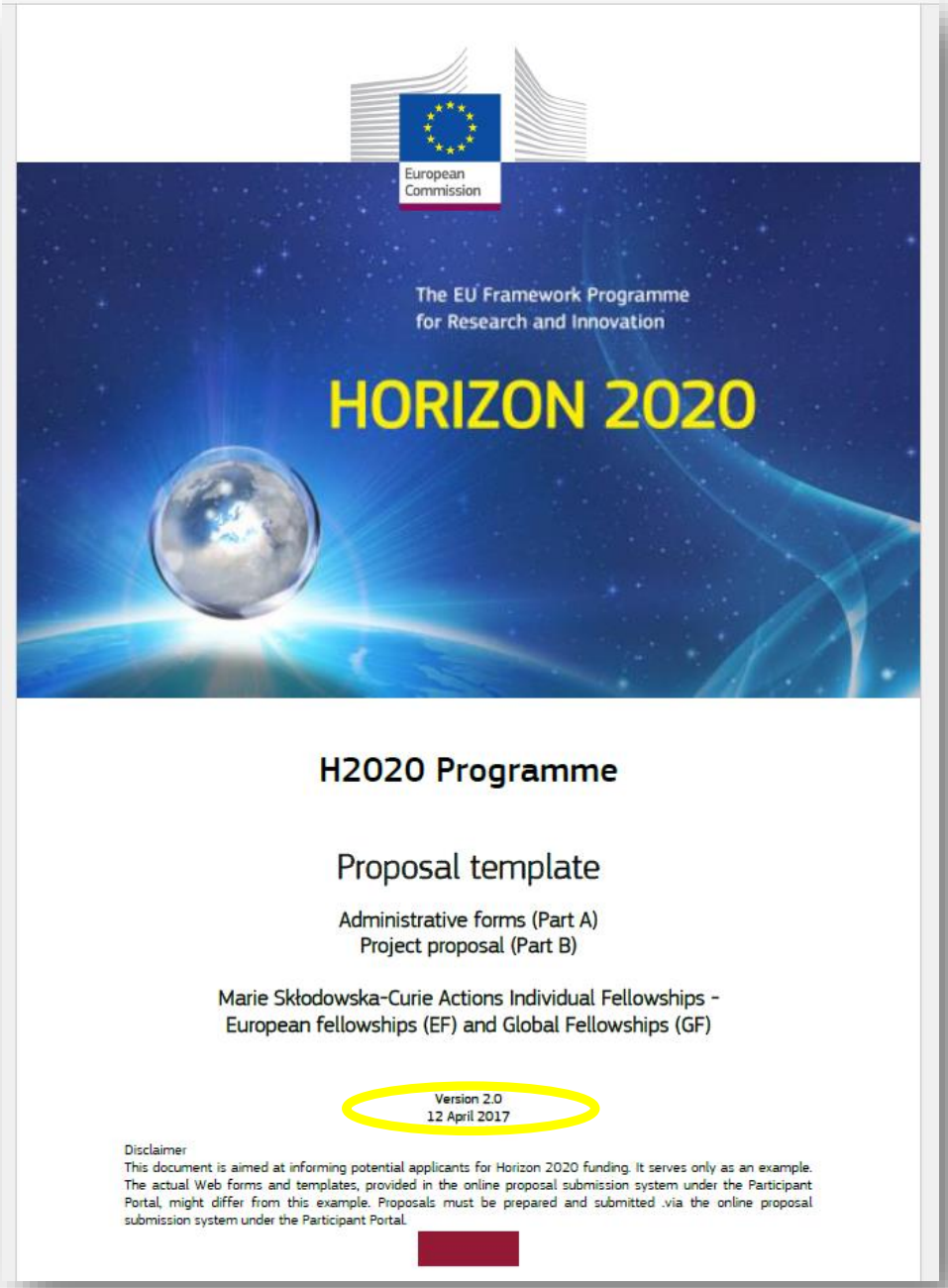
You will need a significant amount of time:

- to **contact your host institution (secondment)**
- to define and plan your project;
- to write, check and revise your proposal;
- to improve your proposal.
- to prepare the supporting documents (letters of commitment, annexes on ethical issues etc.);

A suggestion?

- Start thinking about your MSCA proposal during your PhD, at least **6 months before the end**!
- After the completion of your PhD you will need at least **8 months to complete your proposal**.

REFERENCE DOCUMENTS – STANDARD PROPOSAL TEMPLATE


European Commission

The EU Framework Programme for Research and Innovation

HORIZON 2020

H2020 Programme

Proposal template

Administrative forms (Part A)
Project proposal (Part B)

Marie Skłodowska-Curie Actions Individual Fellowships - European fellowships (EF) and Global Fellowships (GF)

Version 2.0
12 April 2017

Disclaimer
This document is aimed at informing potential applicants for Horizon 2020 funding. It serves only as an example. The actual Web forms and templates, provided in the online proposal submission system under the Participant Portal, might differ from this example. Proposals must be prepared and submitted .via the online proposal submission system under the Participant Portal.

PART A - Administrative Forms

PART B – Project Proposal

ANALISI TEMPLATE MSCA - IF

Part A of the Proposal

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

1 - General information

Topic	MSCA-IF-2017
Call Identifier	H2020-MSCA-IF-2017
Type of Action	MSCA-IF- **[EF-ST] [EF-CAR] [EF-RI] [EF-SE] [GF]**
Deadline Id	H2020-MSCA-IF-2017

Acronym

Proposal title

The title should be no longer than 200 characters (with spaces) and should be understandable to the non-specialist in your field.

Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &

[EF-ST] [EF-CAR] [EF-RI] [EF-SE]

Duration in months

[GF]

Duration of outgoing phase in 3rd country

Scientific Area LIF ECO

Please select up to 5 descriptors (and at least 3) that best characterise the subject of your proposal, in descending order of relevance.

Descriptor 1 Add

Free keywords

You may enter a number of keywords that you consider necessary to characterise the scope of your proposal. There is a limit of 200 characters.

Please choose the scientific area and descriptors carefully, and in order of importance, since this will guide the REA in the selection of experts for proposal evaluation and the allocation of proposals to experts. To help you select the most relevant area for your proposal, please consult Annex 2 of the Guide for Applicants which provides a breakdown of each scientific area into a number of descriptors.

SCIENTIFIC PANELS

Physics (PHY)

Chemistry (CHE)

Social Sciences and Humanities (SOC)

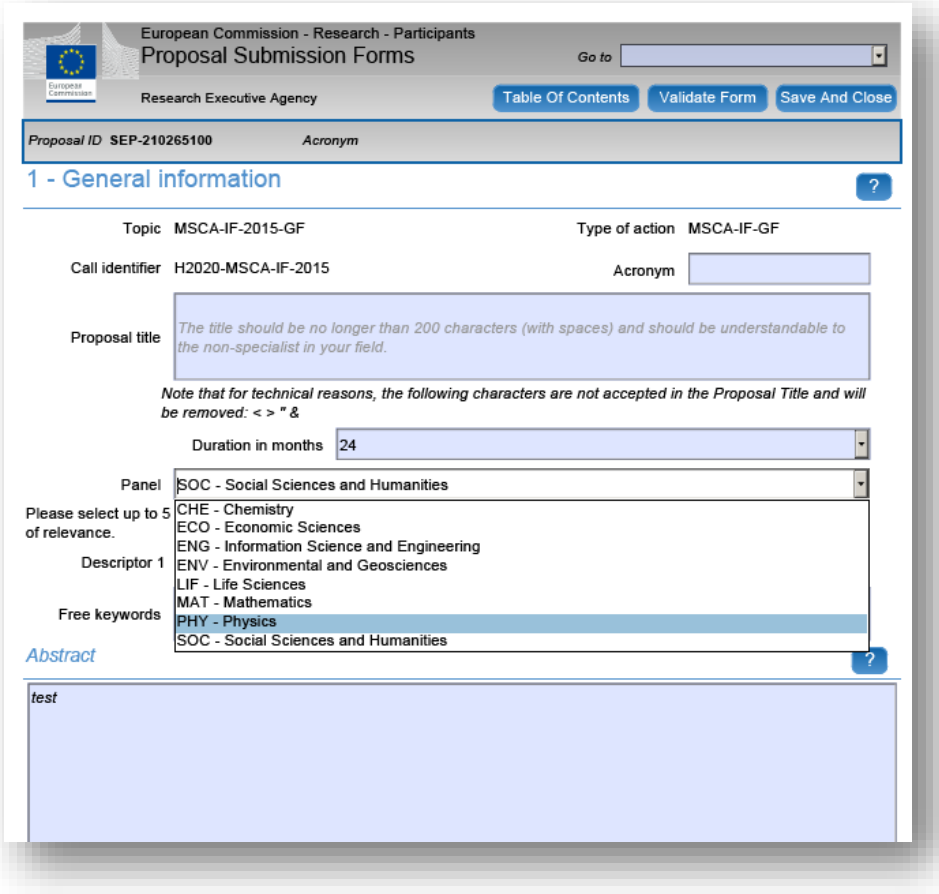
Mathematics (MAT)

Information Science and Engineering (ENG)

Life Sciences (LIF)

Environment and Geosciences (ENV)

Economic Sciences (ECO)



DESCRIPTORS *(Annex 2 Guide for Applicants)*

ANNEX 2 – LIST OF DESCRIPTORS

Chemistry (CHE)

C1 – Inorganic Chemistry

- Bioinorganic chemistry
- Catalytic materials
- Coordination chemistry
- Chemistry of non-metals
- Inorganic chemistry
- Organometallic chemistry
- Radiation and nuclear chem
- Solid state materials

C2 – Organic, Polymer and Molecular Che

- Carbohydrates
- Chirality
- Click chemistry
- Combinatorial chemistry
- Heterocyclic chemistry
- Macromolecular chemistry
- Molecular architecture and
- Molecular chemistry
- Natural product synthesis
- Nucleic acid chemistry
- Organic chemistry

Mathematics (MAT)

M1 - Mathematics

- Algebraic geometry
- Algebraic number theor
- Algebraic topology
- Algorithms and comple
- Analytic number theory
- Category theory and alg
- Combinatorics
- Complex analysis
- Complex geometry
- Differential Geometry
- Functional analysis
- Game Theory
- General topology
- Graph Theory
- Group Theory
- Harmonic analysis
- Homological algebra
- Low dimensional topol
- Mathematical logic and
- Non commutative Geor
- Ordinary Differential E
- Partial Differential Equ
- Probability
- Ring theory
- Set theory

Physics (PHY)

P1 – Particle and Nuclear Physics

- Fundamental interactions and fields
- Neutrino oscillations
- Nuclear physics, heavy ions
- Nuclear physics, nuclear structure
- Particle accelerators and detectors
- Particle physics, experiment
- Particle physics, theory/phenomenology
- Supersymmetric particles
- Quantum chromodynamics
- Quantum field theory

P2 – Atomic and molecular physics, optics

- Atomic physics

MSCA – IF Cumulative percentage of proposal above threshold

MSCA-IF-2017 : Cumulative percentage of proposals above threshold, with a given score or higher (funding range marked in green)

Number of eligible proposals	322 proposals	533 proposals	204 proposals	1012 proposals	178 proposals	850 proposals	883 proposals	1701 proposals	167 proposals	763 proposals	1511 proposals	71 proposals	21 proposals	99 proposals	124 proposals	213 proposals	8 proposals	65 proposals	232 proposals
Score equal to or above	CAR	RI	SE	ST-CHE	ST-ECO	ST-ENG	ST-ENV	ST-LIF	ST-MAT	ST-PHY	ST-SOC	GF-CHE	GF-ECO	GF-ENG	GF-ENV	GF-LIF	GF-MAT	GF-PHY	GF-SOC
100	0.00%	0.38%	0.00%	0.00%	0.56%	0.12%	0.00%	0.00%	0.60%	0.00%	0.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.43%
99	0.31%	0.56%	0.00%	0.00%	0.56%	0.47%	0.45%	0.35%	0.60%	0.00%	0.46%	0.00%	0.00%	1.01%	0.81%	0.00%	0.00%	0.00%	0.43%
98	0.62%	0.94%	0.00%	0.20%	0.56%	1.53%	0.57%	1.06%	0.60%	0.13%	0.99%	0.00%	0.00%	2.02%	3.23%	0.00%	0.00%	0.00%	1.72%
97	1.86%	2.06%	0.49%	1.09%	0.56%	2.94%	1.02%	2.29%	1.20%	1.05%	2.51%	0.00%	0.00%	4.04%	4.03%	0.94%	0.00%	0.00%	4.74%
96	2.80%	4.32%	0.49%	2.47%	1.12%	4.59%	3.51%	4.59%	2.99%	2.10%	4.17%	4.23%	0.00%	7.07%	4.84%	2.82%	0.00%	0.00%	6.47%
95	5.28%	8.44%	1.47%	4.35%	1.12%	6.59%	5.89%	8.29%	5.39%	2.62%	5.43%	7.04%	0.00%	9.09%	5.65%	4.23%	0.00%	3.08%	10.78%
94	6.83%	12.20%	3.43%	6.92%	3.93%	8.94%	9.51%	11.58%	7.78%	4.06%	7.61%	11.27%	4.76%	11.11%	9.68%	6.57%	0.00%	4.62%	12.93%
93	9.63%	16.70%	5.88%	9.49%	6.18%	11.41%	12.34%	15.29%	9.58%	6.42%	9.86%	16.90%	4.76%	17.17%	15.32%	10.33%	12.50%	6.15%	15.09%
92	12.42%	20.26%	8.82%	12.75%	7.30%	13.06%	15.63%	18.17%	13.17%	9.70%	11.52%	21.13%	4.76%	22.22%	17.74%	14.08%	25.00%	12.31%	17.24%
91	15.22%	25.89%	9.80%	16.30%	9.55%	16.00%	19.25%	21.34%	16.17%	12.19%	14.56%	22.54%	4.76%	25.25%	22.58%	17.84%	25.00%	20.00%	19.83%
90	17.39%	29.64%	10.78%	19.07%	12.36%	18.47%	22.54%	24.93%	18.56%	16.12%	17.47%	28.17%	4.76%	32.32%	26.61%	21.60%	25.00%	23.08%	21.98%
89	18.32%	33.96%	12.75%	22.83%	14.61%	21.76%	25.59%	28.45%	22.16%	19.66%	19.66%	29.58%	4.76%	36.36%	29.84%	23.94%	25.00%	26.15%	24.57%
88	21.12%	37.90%	17.65%	27.17%	18.54%	24.94%	28.65%	32.16%	23.95%	23.96%	22.63%	32.39%	19.05%	40.40%	34.68%	27.23%	25.00%	29.23%	27.16%
87	23.60%	40.71%	20.59%	31.03%	20.22%	27.06%	32.50%	36.16%	26.95%	27.39%	25.08%	40.85%	38.10%	42.42%	41.94%	30.52%	25.00%	35.38%	30.60%
86	27.02%	43.15%	23.53%	35.18%	21.35%	30.59%	36.35%	40.21%	33.53%	33.16%	28.33%	43.66%	38.10%	43.43%	43.55%	34.27%	25.00%	38.46%	34.48%
85	30.12%	47.09%	25.98%	38.93%	23.60%	33.41%	40.43%	44.39%	39.52%	36.83%	30.64%	52.11%	52.38%	46.46%	47.58%	38.03%	25.00%	41.54%	35.34%
84	31.06%	49.16%	27.94%	42.09%	27.53%	37.41%	45.07%	47.68%	41.92%	41.42%	33.42%	52.11%	52.38%	50.51%	53.23%	39.91%	25.00%	52.31%	37.93%
83	34.16%	54.41%	29.90%	46.44%	28.65%	41.18%	49.26%	51.97%	45.51%	45.74%	36.47%	56.34%	61.90%	52.53%	58.87%	42.72%	25.00%	55.38%	39.66%
82	36.02%	55.72%	34.80%	51.09%	30.90%	43.65%	51.53%	56.32%	50.30%	49.41%	39.51%	60.56%	61.90%	56.57%	62.90%	49.30%	50.00%	58.46%	43.10%
81	39.13%	58.16%	36.27%	55.34%	32.02%	47.65%	54.25%	60.14%	52.69%	53.47%	43.15%	61.97%	66.67%	56.57%	65.32%	54.46%	62.50%	61.54%	45.69%
80	43.48%	61.16%	39.71%	60.08%	36.52%	50.12%	57.76%	63.67%	55.09%	58.72%	46.19%	61.97%	66.67%	58.59%	67.74%	58.22%	62.50%	67.69%	49.57%
79	45.96%	64.17%	43.14%	63.83%	40.45%	53.41%	60.02%	66.96%	57.49%	62.65%	48.31%	66.20%	66.67%	60.61%	70.97%	61.03%	75.00%	70.77%	53.02%
78	48.14%	67.54%	45.59%	67.19%	43.26%	56.59%	62.17%	70.14%	60.48%	66.71%	51.56%	67.61%	66.67%	61.62%	71.77%	64.32%	75.00%	75.38%	55.17%
77	51.55%	70.36%	47.55%	68.87%	45.51%	59.53%	64.44%	72.37%	62.87%	69.99%	54.00%	67.61%	71.43%	64.65%	74.19%	68.54%	75.00%	75.38%	57.76%
76	54.04%	73.73%	49.02%	70.85%	47.19%	61.41%	67.27%	74.60%	66.47%	72.35%	57.11%	70.42%	71.43%	65.66%	79.03%	72.30%	75.00%	76.92%	61.21%
75	56.52%	75.80%	51.47%	72.63%	50.00%	64.35%	69.08%	76.19%	68.26%	76.28%	59.30%	77.46%	71.43%	66.67%	79.84%	75.59%	75.00%	78.46%	65.09%
74	57.76%	77.49%	53.43%	74.70%	52.81%	66.71%	71.12%	78.07%	70.06%	78.24%	61.28%	78.87%	71.43%	67.68%	80.65%	79.34%	75.00%	80.00%	66.81%
73	59.63%	79.36%	56.37%	76.78%	53.93%	68.71%	73.16%	80.25%	70.06%	79.69%	64.39%	80.28%	71.43%	70.71%	82.26%	80.28%	75.00%	80.00%	69.40%
72	61.18%	80.68%	57.84%	78.36%	55.06%	69.65%	74.86%	82.54%	72.46%	82.18%	66.91%	81.69%	71.43%	71.72%	82.26%	82.16%	87.50%	80.00%	73.71%
71	63.98%	81.61%	59.31%	80.34%	58.43%	71.41%	77.01%	84.60%	73.05%	83.09%	68.83%	81.69%	71.43%	76.77%	82.26%	84.04%	87.50%	83.08%	74.57%
70	64.91%	82.93%	61.76%	82.61%	59.55%	73.53%	79.50%	86.48%	78.44%	85.71%	71.61%	84.51%	76.19%	79.80%	83.87%	85.92%	87.50%	84.62%	78.02%
Percentage of proposals below threshold (<70)	*35.09%*	*17.07%*	*38.24%*	*17.39%*	*40.45%*	*26.47%*	*20.50%*	*13.52%*	*21.56%*	*14.29%*	*28.39%*	*15.49%*	*23.81%*	*20.20%*	*16.13%*	*14.08%*	*12.50%*	*15.38%*	*21.98%*

How to interpret this table

The percentage of proposals above the overall threshold and with a given score or higher is shown per ranking list. Green shows the funding range. Proposals below the overall threshold are shown seperately and are not part of the cumulative total.

For example:
-in the CAR ranking, 5.28% of all proposals submitted in the ranking list (total 322) scored 95 or higher. The funding cut off is between 91 and 92.
-in the ST-PHY ranking, 23.98% of all proposals submitted in the ranking list (total 763) scored 88 or higher. The funding cut off is at 90.
-in the GF-SOC ranking, 21.98 % of the proposals scored less than 70, meaning that 78.02% score more than 70.

Proposal ID	Acronym

Abstract

Short summary (max. 2,000 characters, with spaces) to clearly explain:

- *the objectives of the proposal*
- *how they will be achieved*
- *their relevance to the work programme.*

Will be used as the short description of the proposal in the evaluation process and in communications with the programme management committees and other interested parties .

- *Do not include any confidential information.*
- *Use plain typed text, avoiding formulae and other special characters.*

If the proposal is written in a language other than English, please include an English version of this abstract in the "Technical Annex" section.

Remaining characters 2000

Has this proposal (or a very similar one) been submitted to a Horizon 2020 Marie Skłodowska-Curie Individual Fellowship call, with the same supervisor and future host institution (and partner organization for Global Fellowships)? ○ Yes ○ No

European Commission
Research & Innovation - Participant Portal
Proposal Submission Forms

Go to

Table Of Contents | Validate Form | Save and Close

Proposal ID **SEP-210432665** *Acronym* **test** *Short name* **Polytechnic University of Tirana**

Qualifications ?

University Degree giving access to PhD	Date of award (DD/MM/YYYY)
Doctorate	Start date (DD/MM/YYYY)
Doctorate	Date of (expected) award (DD/MM/YYYY)
Full time research experience	Number of months

(Measured from the date when a researcher obtained the degree entitling 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, even if a doctorate was never started or envisaged.)

Place of activity/place of residence (previous 5 years - most recent one first)

Indicate the period(s) and the country/countries in which you have legally resided and/or had your main activity (work, studies, etc) during the last 5 years up until the deadline for the submission of the proposal. Please fill in this section without gaps, until the call deadline (14/09/2017).

Period from	Period to	Duration (days)	Country	Add
	14/09/2017			
	Total			

Proposal ID **SEP-210432665** *Acronym* **test** *Go to*

3 - Budget

Is the Researcher eligible for family allowance? ○ Yes ○ No

Participant Number	Organisation Short Name	Country	Country Coefficient	Number of Months	Researcher Unit Cost			Institutional Unit Cost		Total
					Living Allowance	Mobility Allowance	Family Allowance	Research, training and networking costs	Management and Overheads	
1	Polytechnic University of Tirana	AL	0,761	12	42463,80	7200,00	0,00	9600,00	7800,00	67063,80
Total				12	42463,80	7200,00	0,00	9600,00	7800,00	67063,80

Partner Organisation from Third Country does not sign the Grant Agreement, does not recruit the researcher and does not directly claim costs from the action. The entire EC contribution is transmitted to the Host organisation located in Members States or Associated Countries.

	Researcher unit cost in EUR person/month			Institutional unit cost in EUR person/month	
	Living* Allowance	Mobility Allowance	Family Allowance	Research, training and networking costs	Management and indirect costs
Individual Fellowships	4,650*	600	500	800	650

**** The country correction coefficients that will be applied are indicated in the Work Programme***

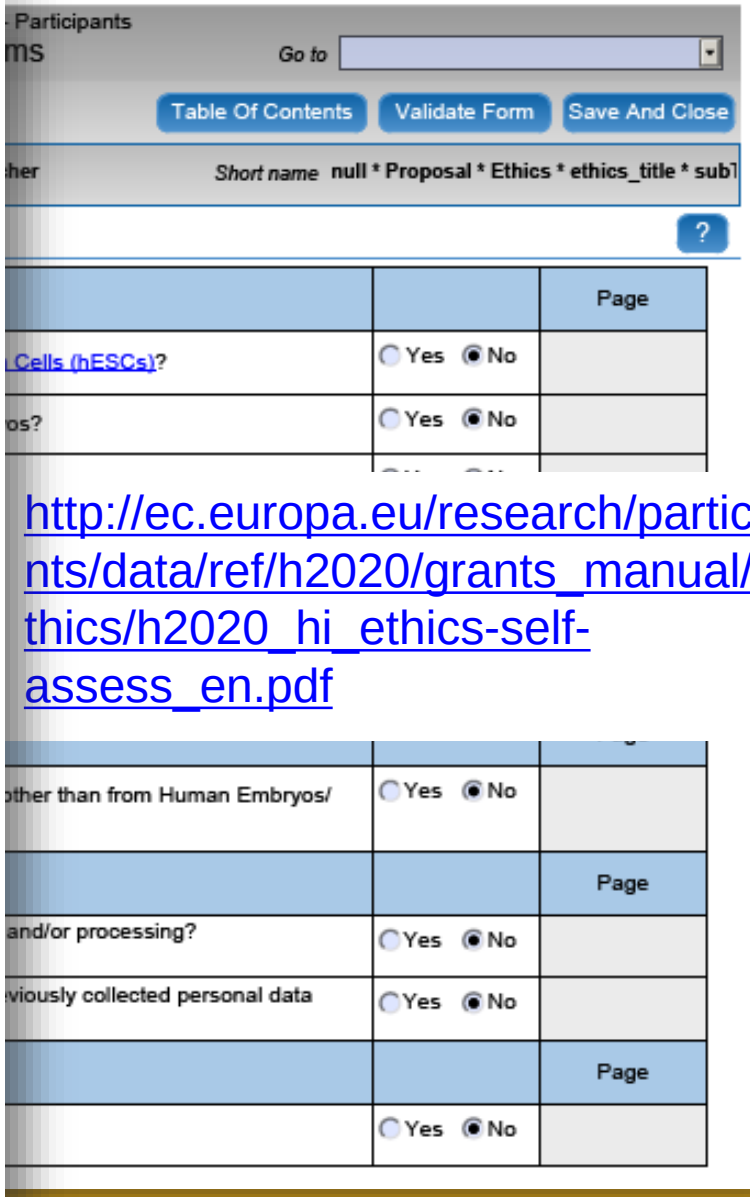
EUROPEAN COMMISSION
Directorate-General for Research & Innovation

H2020 Programme

Guidance

How to complete your ethics self-assessment

Version 5.2
12 July 2016



http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/ethics/h2020_hi_ethics-self-assess_en.pdf

Nothing in life is to be feared, it is only to be understood.

Marie Curie

15 minute break

ANALISI TEMPLATE MSCA - IF

Part B-1 of the Proposal

Part B-1:

*The **maximum** total length for this document is **13 pages.** It should be composed as follows (detailed description below):*

- Start Page	*...must consist of...*	*1 whole page.*
- Table of Contents		*1 whole page.*
- List of Participating Organisations		*1 whole page.*
- Section 1: *Excellence (starts on page 4)*		*10 pages MAX.*
- Section 2 : *Impact*		
- Section 3 : *Implementation*		

*Of the **maximum 10 pages** applied to sections 1, 2 and 3, applicants are free to decide on the allocation of pages between the sections. However, the overall page limit will be strictly applied, **excess pages** will be **watermarked** and experts will be strictly instructed to **disregard** them.*

ANALISI TEMPLATE MSCA - IF

Part B-2 of the Proposal

Part B-2:

Part B-2 must contain sections 4-7 as described below. ***No overall page limit*** *will be applied to this document, but applicants should respect the instructions given per section (e.g. in section 5, a maximum of one page should be used per beneficiary and one page per partner organisation).*

- *Section 4:CV of the experienced researcher*
- *Section 5:* Capacities of the participating organisations

5 pages MAX.
1 page /

participating organisation.

- *Section 6: Ethical aspects*
- *Section 7: Letter of commitment of the partner organisation (for GF only)*

Note that applicants will not be able to submit their proposal in the submission system unless ***both documents*** *1 and 2 are provided* ***in pdf format*** *(*Adobe version 3 or higher, with embedded fonts*).*

Part B – EXCELLENCE

1. Excellence[4]

1.1 Quality and credibility of the research/innovation action (level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects)

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

1.3 Quality of the supervision and of the integration in the team/institution

1.4 Capacity of the researcher to reach or re-enforce a position of professional maturity/independence

Part B – EXCELLENCE 1.1

1. Excellence[4]

1.1 Quality and credibility of the research/innovation action (level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects)

You should develop your proposal according to the following lines:

- Introduction, state-of-the-art, specific objectives and overview of the action.
- Research methodology and approach: highlight the type of research / innovation activities proposed.
- Originality and innovative aspects of the research programme: explain the contribution that the action is expected to make to advancements within the action field. Describe any novel concepts, approaches or methods that will be implemented.
- The gender dimension in the research content (if relevant).

  In research activities where human beings are involved as subjects or end-users, gender differences may exist. In these cases the gender dimension in the research content has to be addressed as an integral part of the proposal to ensure the highest level of scientific quality.

- The interdisciplinary aspects of the action (if relevant).
- Explain how the high-quality, novel research is the most likely to open up the best career possibilities for the *experienced researcher* and new collaboration opportunities for the host organisation(s).

SOME EXAMPLES - Excellence 1.1

State of the art. Molecular recognition is the most sophisticated form of weak interaction in terms of precise responsiveness, since it requires a well-defined arrangement of complementary non-covalent interactions to operate at its best..... The possibility to detect fractures in polymers and composites at the very early stage is of paramount importance for in situ monitoring of mechanical stress and fatigue in structural polymeric materials and composites. So far, most of the activity has been concentrated on mechanochromic thermoplastics, dye-containing polymeric materials that change their color upon mechanical solicitations. The chromophoric unit, called also the mechanophore, should be appropriately

.....]. Even if this strategy appears effective and intriguing, the chromogenic response occurs only after 30-40% of materials elongations in occurrence of the threshold stress able to cleavage the chromophore bonds. Therefore, such configurations are not effective for the realization of self-diagnostic materials able to detect microscopic fissures before they become large cracks. Other systems are based on physical effects such as aggregation or separation-induced emission,[7] or alteration of the band gap by physical deformation of single-walled carbon nanotubes (SWCNT).[8] However, those methods come with the drawback that relatively large quantities of the active system are needed, which alter the mechanical properties of the polymer and significantly increase the price of the material. For example, systems based on

accounting for more than the 2/3 of the total market due to its superior mechanical properties. The CFRP is an emerging market with an overall compound annual growth rate of ≈ 12% in the 2010-2015 period. More in detail, the EU and North America EV composite market was valued 90 M$ in 2015 and it is expected to reach 890 M$ by 2022.[3] The EU industry needs new products and highly trained human resources to

Specific objectives and overview of the action. XXX aims at implementing self-diagnostic properties into composites *via* molecular recognition transducing the localized stress in the material into a detectable optical signal. The challenge is to produce a fluorescence signal directly linked to the stress-driven local breaking of the weak bonds in host-guest complexes, leading to the visualization of emerging mechanical stress in the polymer matrix of the composite. Since crack nucleation often occurs at the surface of structural elements, its

Part B – EXCELLENCE 1.1

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SOME EXAMPLES - Excellence 1.1

Research methodology and approach: highlight the type of research / innovation activities proposed.

The proposed solution is the introduction of host-guest complexes as supramolecular cross-linking agents, whose stress-induced decomplexation results in an optical response. In this way, a precise detection of irreversible mechanical strain at their initial stage is attainable, enabling an early assessment of the degradation of the resulting safety level. By also considering that in practical applications the acting stress state has often a multiaxial nature, the possibility to detect defects at their very first appearance, provides a fundamental tool for the subsequent crack growth prediction. Epoxy resins and their glass fiber/carbon fiber composites have been selected in view of their technological relevance as light weight replacements of aluminum and steel alloys as structural elements.

Turn-on fluorescence represents an efficient, sensitive, simple and real time diagnostic tool to quantitatively detect high-strain regions for the mechanical monitoring of structural elements. ..... The quencher guests must be able to bind CB[8] and quench effectively the perylene fluorescence in the ternary complex. Two candidate quencher guests have been singled out for the purpose according to the known literature:11 azobenzene and dibenzofuran derivatives form ternary complexes with perylene within CB[8], [.....]. The ternary complexes will be formed in water by adding the fluorescent and quencher guests bearing an amino derivative as side chain to CB[8]. The complexes will be photophysically tested and their crystal structure possibly obtained. The formed complexes, fluorescence silent, will be dissolved in the curing agent (for example Jeffamine as in Figure 1) and cross-linked with epoxy resin. The approach, if successful, will be extended to glass fiber/carbon fiber reinforced epoxy resins for surface detection of strain zones and microscopic. The photo physical properties of the materials and their fluorescence emission under stress will be studied using a fluorescence microscope, which will enable to measure very precisely dimensions of the fluorescence strained regions and the spatial resolution of detected microcracks. A hand-held device will be built on purpose for the in situ inspection of the fluorescence emission during mechanical testing. [.....]. The displacement and the strain field of the surface of the stressed specimens will be quantitatively studied using the Digital Image Correlation technique (DIC).12 This advanced tool will enable to measure very precisely displacements and strains, also beyond the linear regime. The combined use of high-resolution fluorescence microscope and DIC will allow evaluating the spatial resolution of the detected emission and correlate strain with emission.

Part B – EXCELLENCE 1.1

1. Excellence[4]

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SOME EXAMPLES - Excellence 1.1

Originality and innovative aspects of the research programme. XXXX is expected to produce results of high fundamental and technological impact in the field of GFRP and CFRP composites.
è……..]

The proposed approach, i.e. introducing self-reporting host-guest complexes that activate a fluorescence response upon mechanically-induced decomplexation, is novel.

The conceivable practical application and scientific fallout resulting from the project is the development of polymeric self-diagnostic materials presenting the following competitive advantages: (i) improved structural safety of GFRC and CFRC composites, (ii) reduction of the costs of maintenance and replacement of the corresponding products.

The interdisciplinary aspects of the action. This multidisciplinary project will expose the experienced researcher (ER) to an entire pipeline of research activities, spanning from design, synthesis and characterization of host and guests, fluorescent properties testing of the ternary complexes, incorporation of the preformed fluorescent silent complexes into the curing agent and cross-linking with selected epoxy resins, preparation of self-diagnostic GFRP and CFRP, testing of the photo physical properties of the materials and their fluorescence emission under mechanical stress. The specimens and relative mechanical tests will be prepared and performed following the testing procedures utilized for the racing cars components in collaboration with Dallara.

Part B – EXCELLENCE 1.2

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

Describe the training that will be offered.

Outline how a two way transfer of knowledge will occur between the researcher and the host institution(s):

- Explain how the *experienced researcher* will gain new knowledge during the fellowship at the hosting organisation(s).
- Outline the previously acquired knowledge and skills that the researcher will transfer to the host organisation(s).

For Global Fellowships explain how the newly acquired skills and knowledge in the Third Country will be transferred back to the host institution in Europe (the beneficiary) during the incoming phase.

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

Part B – EXCELLENCE 1.2

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- Organisation of scientific/training/dissemination events
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- Training dedicated to gender issues

SOME EXAMPLES – Excellence 1.2

Explain how the experienced researcher will gain new knowledge during the fellowship at the hosting organisation

-

project will offer to the ER the opportunity to gain profound practical lab expertise using and developing modern methods in supramolecular chemistry, self-diagnostic epoxy-based GFRP and CFRP composites fabrication, characterization and applications, as well as expertise in training and mentoring master and PhD students. Moreover, the ER will acquire the ability to actively plan research and critically assess research results in order to efficiently solve a complex scientific problem in a given timeframe. Being part of an MSCA programme, the ER will learn how to manage an EU project in terms of administrative and financial management. Proposal writing will be also included in the training to allow the ER to become a successful independent researcher. The exposure to the application side of material research during the secondment at Dallara will introduce the ER to the critical factors necessary for the industrial fruition of the developed technology. Dissemination and professional presentations skills will be also implemented as necessary expertise for her future career, both in academia or industry. The success of the project will open up unprecedented career opportunities for the ER with automotive and aerospace industries.

Part B – EXCELLENCE 1.3

1.3 Quality of the supervision and of the integration in the team/institution

- Qualifications and experience of the supervisor(s)

  Provide information regarding the supervisor(s): the level of experience on the research topic proposed and their track record of work, including main international collaborations, as well as the level of experience in supervising/training especially at advanced level (PhD, postdoctoral) researchers. Information provided should include participation in projects, publications, patents and any other relevant results.

- Hosting arrangements[5]

  The application must show that the experienced researcher will be well integrated within the team/institution in order that all parties gain maximal knowledge and skills from the fellowship. The nature and the quality of the research group/environment as a whole should be outlined, together with the measures taken to integrate the researcher in the different areas of expertise, disciplines, and international networking opportunities that the host could offer.

  For GF both phases should be described - for the outgoing phase, specify the practical arrangements in place to host a researcher coming from another country, and for the incoming phase specify the measures planned for the successful (re)integration of the researcher.

SOME EXAMPLES - Excellence 1.3

1.3 Quality of the supervision and of the integration in the team/ institution

1.3 Quality of the supervision and of the integration in the team/institution

Qualifications and experience of the supervisor. Prof. XXX graduated in Industrial Chemistry (cum laude) at the University of Bologna in ……. After working as research scientist at the xxx Research Institute of ……in Novara, he joined the Faculty of the Department of Chemistry of the University of XXX, where he is currently Professor of Industrial Chemistry. He has published over 170 peer-reviewed papers, 7 review articles, 8 book chapters and he holds 16 patents. The 178 papers indexed by the ISI Web of Science received over 5300 citations with an h-index of 39. During the 25 years spent at the University he has mentored over 70 MS thesis students, 29 PhD students and 17 postdocs. For his work in the field of supramolecular chemistry he received the Federchimica Prize in 1997, and the Research Prize by the Italian Chemical Society in 2009. For his achievements in the field of supramolecular materials the Italian Chemical Society assigned him the prestigious Piero Pino gold medal this year. He presented the results of his research in over 100 research lectures in conferences and invited seminars worldwide. In 2004 he has been visiting professor at Naval Research Laboratory (Washington DC, USA). He is presently the Scientific Director of Section 3 (Functional Materials) of the Italian Consortium for Materials Science (INSTM, http://www.instm.it/en/instm.aspx). From 2012, ED is the coordinator of the PhD School in Materials Science and Technology at the University of Parma. In 2017 he has been invited to join the Editorial Board for chemistry of Scientific Reports, a Nature Research journal. The research activity has been funded by several Institutions at the regional (Emilia Romagna, Lombardia e Trentino local foundations), national (5 PRIN, 2 FIRB, 1 FISR), European (8 projects respectively in FP6 (2), FP7 (5) and Horizon 2020 (1) frameworks) and international level (NATO e DARPA funding) [……..]

The research profile of ED's group is defined by the supramolecular approach to materials science, giving a privileged position to molecular recognition as operating tool. In this context, the major fields of activity have been responsive surfaces, supramolecular polymers and sensors. ED developed an international leading profile in the synthesis and functionalization of cavitands, their molecular recognition properties, self-assembly, sensing and inclusion in functional materials.

Part B – EXCELLENCE 1.3

1.3 Quality of the supervision and of the integration in the team/institution

- Hosting arrangements[5]

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EXAMPLE

1.3 Quality of the supervision and of the integration in the team/ institution

Hosting arrangements. At present, the hosting team is composed by the supervisor, a lecturer, 5 PhD students, 3 MS students, 1 Lab technician (www.dalcanalegroup.it). Another PhD student and …….. The team is international with 3 PhD students from Germany, Poland and India, 2 of them recruited in the frame of a H2020 ITN project. The official language of the lab is English, from group meetings to daily activities. A dedicated meeting room is available to the team for discussions and exchange of ideas. The international projects and collaborations of the group will ensure an international networking opportunity for the incoming ER. Furthermore, the ER will attend at least one International School/Conference per year to disseminate her research results and create her own international network. [……..]

The Department hosts seminars by Italian and International scholars on a biweekly basis, covering different aspects of Chemistry and Biology. All major instrumentations (NMRs, ESI and Maldi-MS, AFMs, STM) are directly available to the ER after a short practical training. The postdocs and PhDs are encouraged to speak directly of their own work with these visiting scholars. As for social integration, the University of Parma offers free Italian courses to all foreign students/researchers. The Welcome Office of the University of Parma (en.unipr.it/living-parma/accommodation) will help the ER to find lodging, while the International Research Office (www.unipr.it/ricerca) provide assistance to all documents required for obtaining the working visa for non EU citizens in Italy.

Part B – EXCELLENCE 1.4

1.4 Capacity of the researcher to reach or re-enforce a position of professional maturity/independence

Applicants should **demonstrate** how their professional experience and the proposed research will contribute to their development as independent/mature researchers, **during** the fellowship.

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.

A complete **Career Development Plan should not be included in the proposal**, but it is part of implementing the action in line with the European Charter for Researchers. It should aim at reaching a realistic and well-defined objective in terms of career advancement (by attaining a leading independent position for example) or resuming a research career after a break. The plan should be devised with the final outcome to develop and significantly widen the competences of the experienced researcher, particularly in terms of multi/interdisciplinary expertise, inter-sectoral experience and transferable skills.

EXAMPLE

1.4 Capacity of the researcher to reach or re-enforce a position of professional maturity/independence

1.4 Capacity of the researcher to reach or re-enforce a position of professional maturity/independence

The fellowship will provide XXX with a sought-after set of skills that will enable him to become a future leader in the field of water resource management science, and thus enable to contribute to society's wider goal of achieving evidence-based sustainable management of this natural resource. The researcher candidate has a wide experience of working on the structure of macroinvertentebrates community (e.g. biodiversity patterns, protected areas) in different systems, but XXX project with its innovative approach represents the possibility to complement and complete the formation as an independent researcher. Indeed, the resulting CV, skills and experiences from the fellowship will constitute a very attractive valuable scientific profile in Europe. In this sense, it is not common to find a freshwater ecologist with a strong field and laboratory background but with also a deep grasp on methodological approaches and concepts over a wide spectrum of organisational levels. At the same time, the opportunity to work in a prestigious Lab with internationally recognised researchers during the requested fellowship will also enable to him the establishment of productive and long-term contacts with other European researchers, to jointly carry on future projects and, even to apply for European funding within the EU Framework Programme for Research and Innovation (e.g., ERC). At national/regional level, this fellowship opens up all kinds of interesting possibilities, for example in case of returning to Spain after this project the candidate will be in an advantaged position to apply for a contract for the incorporation of researchers into the Spanish Science and Technology system and achieve a solid professional position to develop his own research direction and even to build his own research group.

ANALISI TEMPLATE MSCA - IF

Part B-1 of the Proposal

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PART B-1 SECTION 2 - IMPACT

2. Impact

2.1 Enhancing the potential and future career prospects of the researcher

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

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

«Effetto o influenza di una persona, una cosa o un'azione su un'altra»

Expected Impact:

At researcher level:

- Increased set of skills, both research-related and transferable ones, leading to improved employability and career prospects both in and outside academia (leading in the longer-term to more successful careers)
- Increase in higher impact R&I output and more knowledge and ideas converted into products and services
- Greater contribution to the knowledge-based economy and society

At organisation level:

- Enhanced cooperation and better transfer of knowledge between sectors and disciplines
- Improvement in the quality of training programmes and supervision arrangements
- Creation of new networks and enhanced quality of existing ones
- Boosting R&I capacity among participating organisations
- Increased internationalisation of participating organisations

At system level:

- Increase in international, interdisciplinary and intersectoral mobility of researchers in Europe
- More structured and innovative doctoral training, enhanced implementation of the European Charter and Code and the EU Principles for Innovative Doctoral Training
- Stronger links between the European Research Area (ERA) and the European Higher Education Area (EHEA), notably through supporting the knowledge triangle between research, innovation and education
- Improvement in the working and employment conditions for doctoral candidates in Europe
- Increased societal and economic relevance of European higher education
- Strengthening Europe's human capital base in R&I with a new generation of more entrepreneurial and highly-skilled early career researchers
- Increase in Europe's attractiveness as a leading research destination, accompanied by a rise in the numbers of talented researchers attracted and retained from abroad
- Better quality research and innovation contributing to Europe's competitiveness and growth

PART B-1 SECTION 2 - IMPACT

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

2.1 Enhancing the potential and future career prospects of the researcher

Explain the expected impact of the planned research and training on the future career prospects of the experienced researcher **after** the fellowship.

Describe the added value of the fellowship on the future career opportunities of the researcher.

Which new competences and skills will be acquired? How should these make the researcher more successful?

2.1 ENHANCING THE POTENTIAL AND FUTURE CAREER PROSPECTS OF THE RESEARCHER

- What's the next step in your career?
- Describe the impact of both the **scientific and complementary competencies**/dexterities/skills acquired during the project (Section 1.2) on the prospects for your reaching/reinforcing a position of professional MATURITY and INDEPENDENCE.
- Present the way in which the fellowship will contribute in the medium and long term to the development of your career.

The action will act as a springboard for the future carrier of the ER who aims to obtain a senior position in the European academia. The extensive training in crystal engineering, from design of co-crystals to their implementation in industrial context, will improve the ER's scientific skills and widen his horizontal skills. In addition, thanks to the secondment, the ER will raise the bar in the use of XRPD, representing his ER vertical skill, by coupling it with a more theoretical approach. All these competences will consolidate his position as leader in the field of crystal engineering. The MSCA fellowship will further help the ER in developing his soft skills *e.g.* management, communication, dissemination skills. This will allow the ER to apply for public funding and efficiently manage awarded grants and thus having the opportunity to further progress with his scientific research. The ER will efficiently participate in congresses and workshops with the aim of further improving the visibility of his research, consolidate his leading position among emerging scientists and increase his network.

Considering the industrial oriented application of these novel materials the ER will consolidate his industrial partnership thus increasing his capacity to obtain private funds and widen the concrete applications of his research results. His economic independence will allow the ER to create his own team, selecting the best candidates with no budget constraints.

PART B-1 SECTION 2 - IMPACT

2. Impact

2.1 Enhancing the potential and future career prospects of the researcher

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

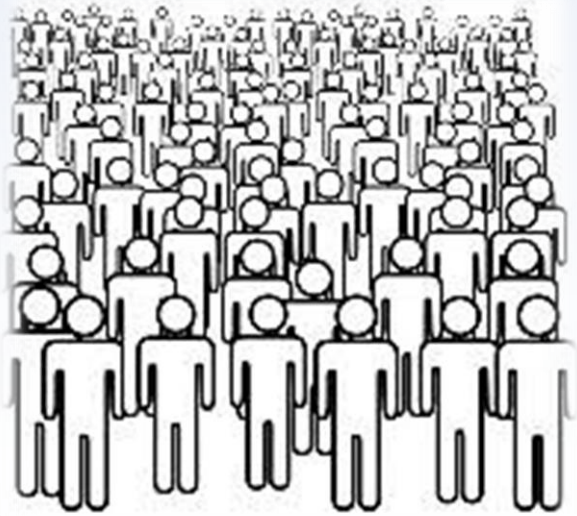
2.3. Quality of the proposed measures to communicate the action activities to different target audiences

DISSEMINATION ≠ COMMUNICATION

DEFINIZIONI E DIFFERENZE

Communication

Strategie di promozione delle **attività di progetto** (e dei suoi risultati) verso un **pubblico ampio** (società), attraverso diversi canali mediatici, anche a due vie, e verso differenti audience.

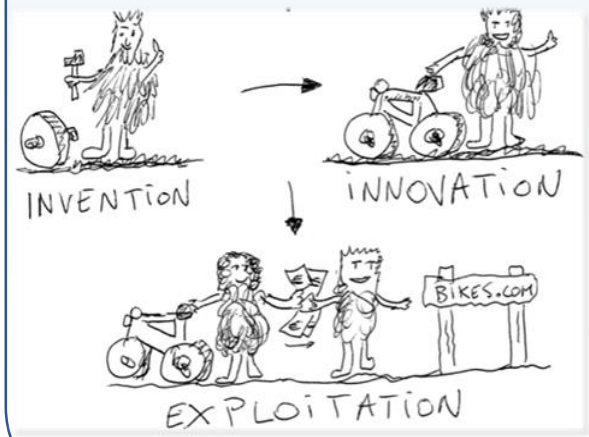


Dissemination

Divulgazione pubblica dei **risultati** verso i diversi ***stakeholders*** (es. la comunità scientifica) attraverso l'utilizzo di canali specifici.

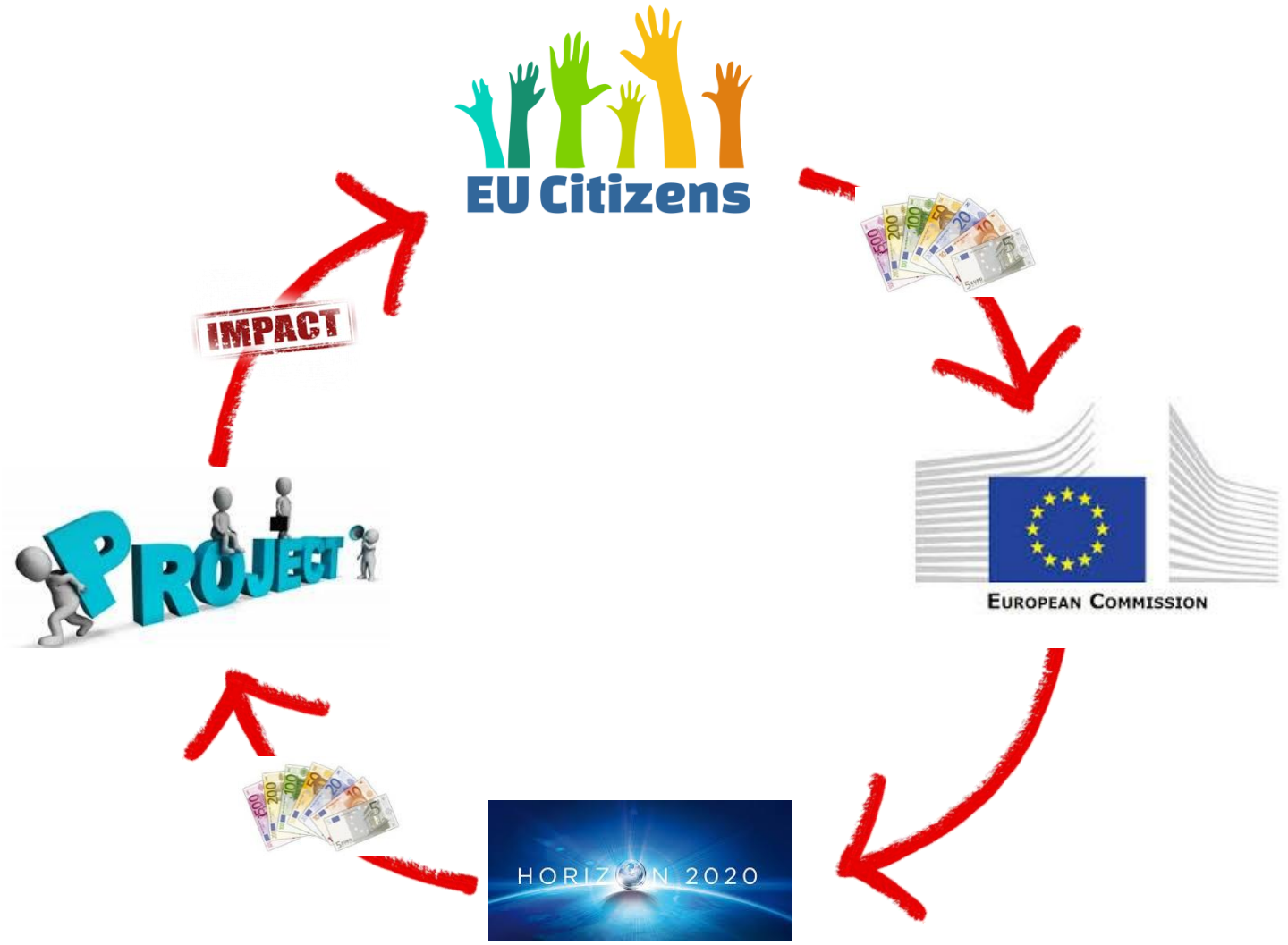
Exploitation

Utilizzo dei risultati del progetto **in ulteriori attività di ricerca**, o nello **sviluppo, creazione, commercializzazione di un prodotto/processo/servizi** o o nella creazione di nuovi standard.



http://ec.europa.eu/research/participants/portal/desktop/en/support/reference_terms.html

Communication, Dissemination, Explotation in H2020: WHY ARE THEY IMPORTANT?



PART B-1 SECTION 2 - IMPACT

2. Impact

2.1 Enhancing the potential and future career prospects of the researcher

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

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

A. Who is the target audience of each activity?

B. In what way will they engage with the presented project results?

C. How could you measure the results of these dissemination/communication activities?

2.2 QUALITY OF THE PROPOSED MEASURES TO EXPLOIT AND DISSEMINATE THE ACTION RESULTS

Describe how the new knowledge generated by the action will be disseminated and exploited, e.g. communicated, transferred into other research settings or, if appropriate, commercialised. Describe, when relevant, how intellectual property rights will be dealt with.

A concrete planning for section 2.2 must be included in the Gantt Chart (see point 3.1).

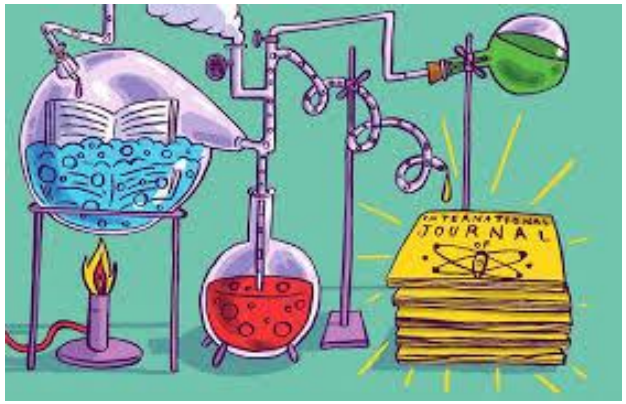
- Preparation/ submission of papers for international peer-reviewed journals. **Name** some target-journals.
- Participation to (international) Conferences for presenting your work. Name some pertinent to your field, which you are targeting.
- Don't forget, where possible, things like LinkedIn, Academia.edu, ResearchGate, etc.

2.2 QUALITY OF THE PROPOSED MEASURES TO EXPLOIT AND DISSEMINATE THE ACTION RESULTS

	Time	Activity	Target audience	Results/Impacts
External dissemination	6,9, 18,20	Scientific dissemination via poster/oral presentations at conferences and meeting	Scientific community	Presentation of the research outcomes
	7, 15, 23	Open access publication of scientific papers	Scientific community	Presentation of the research outcome
	18	Organisation of one-day workshop	Scientific community, mainly young researchers	
	13	Organisation of one round table	Policymakers and stake-holders	Debates with local institutions and organizations on the research potential of
Internal dissemination	8, 14, 20	Development and implementation of internal workshops	UNIPR students (PhDs…) and research / teaching staff	Implementation of s, spreading knowledge about the use of low impact substances in different contexts.
	6, 12, 18, 24	Development and implementation of internal seminars	UNIPR students and research / teaching staff	Presentation of research outcomes and project implementation

OPEN ACCESS

- OPEN ACCESS o ACCESSO APERTO significa la **disponibilità pubblica e gratuita** di un testo, che viene reso accessibile in formato digitale attraverso la rete Internet.
- Permette a chiunque di leggere, scaricare, copiare, diffondere, stampare, cercare, linkare al testo completo di articoli, di analizzarli, indicizzarli, trasferirne i dati in un software, usarli per ogni altro utilizzo legale,senza ulteriori barriere (legali, tecniche, economiche) se non quelle relative all'accesso a Internet.
- L'OA riguarda principalmente le pubblicazioni che l'autore produce senza aspettarsi un compenso (*royalty-free literature*) .



Scientists write for impact, not for money…

OPEN ACCESS

GRATIS OA

It removes price barriers but not permission barriers.
Gratis OA is free of charge, but not free of copyright of licensing restrictions. Users must either limit themselves to fair use or seek permission to exceed it

LIBRE OA

It removes both price barriers and permission barriers. Libre OA is free of charge and expressly permits uses beyond fair use.

Gratis OA is free as in free beer

Libre OA is free as in free speech.

2 MODELLI DI OPEN ACCESS

GOLD ROAD

1) Pubblicazione in riviste ad **accesso aperto** (OA) , cioè accessibili a chiunque senza che sia richiesto il pagamento di un abbonamento.

Possono essere **gratuite** anche per l'autore, o richiedere il pagamento delle **spese di pubblicazione** dell'articolo (APC= Article Processing Charge).

2) Pubblicazione in riviste "**ibride**", cioè riviste che non sono di per sé Open Access, ma che consentono di pubblicare al loro interno articoli in Open Access. Queste richiedono sempre il pagamento dell'APC.

GREEN ROAD

Auto-archiviazione di una versione dell'articolo NON editoriale (pre-print o post–print) in **ARCHIVI APERTI**.

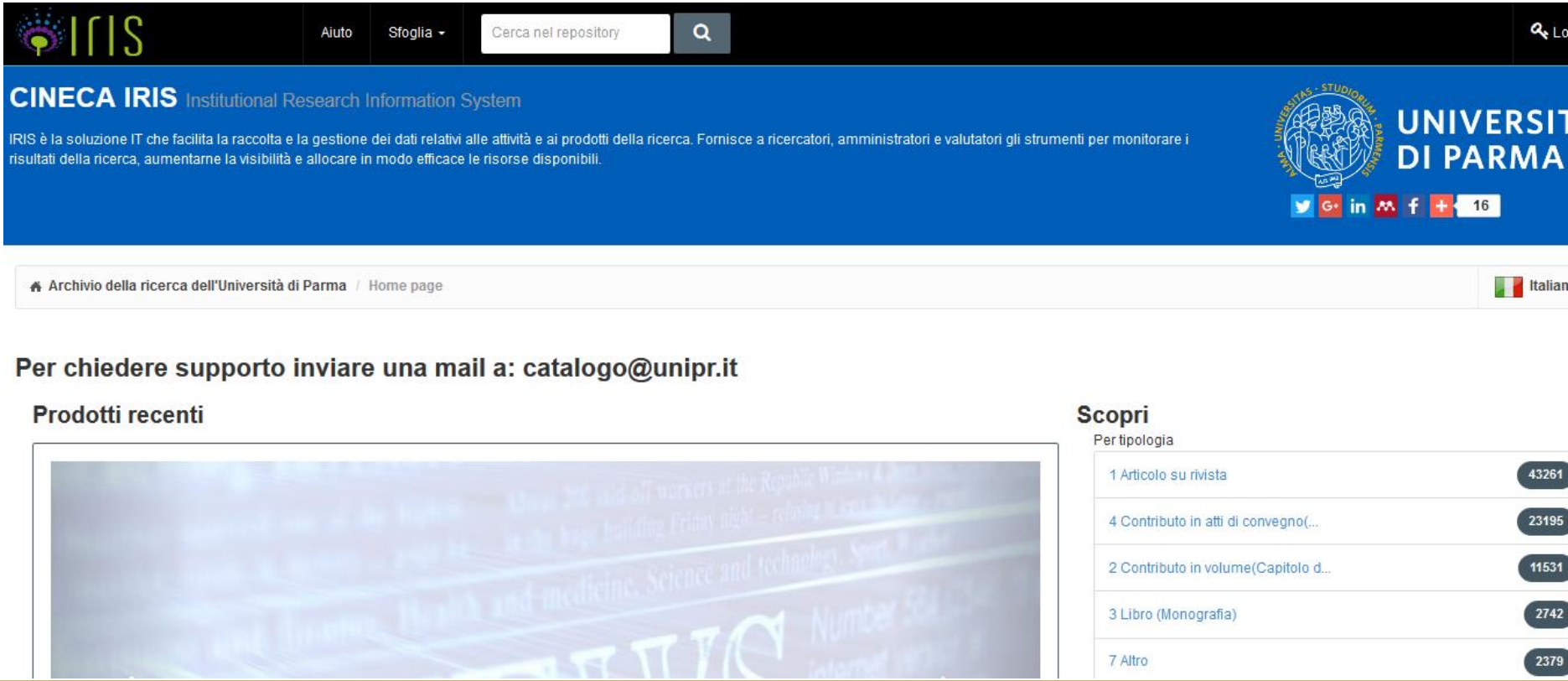
ARCHIVI APERTI

- Pubblicando su una rivista **Open Access** (anche a pagamento), oppure pagando a una rivista l'APC per rendere il nostro articolo OA (anche se la rivista non lo è), noi godiamo del diritto di depositare in un **archivio aperto** la **VERSIONE EDITORIALE** del nostro articolo, quella **DEFINITIVA, PUBBLICATA**, che scarichiamo in PDF dal sito della rivista.
- Pubblicando su una rivista ad **Accesso Chiuso**, possiamo rendere accessibile il nostro lavoro depositando in un **archivio aperto** una versione dell'articolo su cui abbiamo mantenuto i diritti di diffusione (pre-print, post-print), **MAI LA VERSIONE EDITORIALE**.

L'archiviazione della versione non editoriale deve avvenire comunque in accordo con le politiche di copyright degli editori. Molti editori consentono il deposito della versione post-print, ma solo dopo un periodo di **embargo**, cioè dopo un certo lasso di tempo a partire dalla data di pubblicazione.

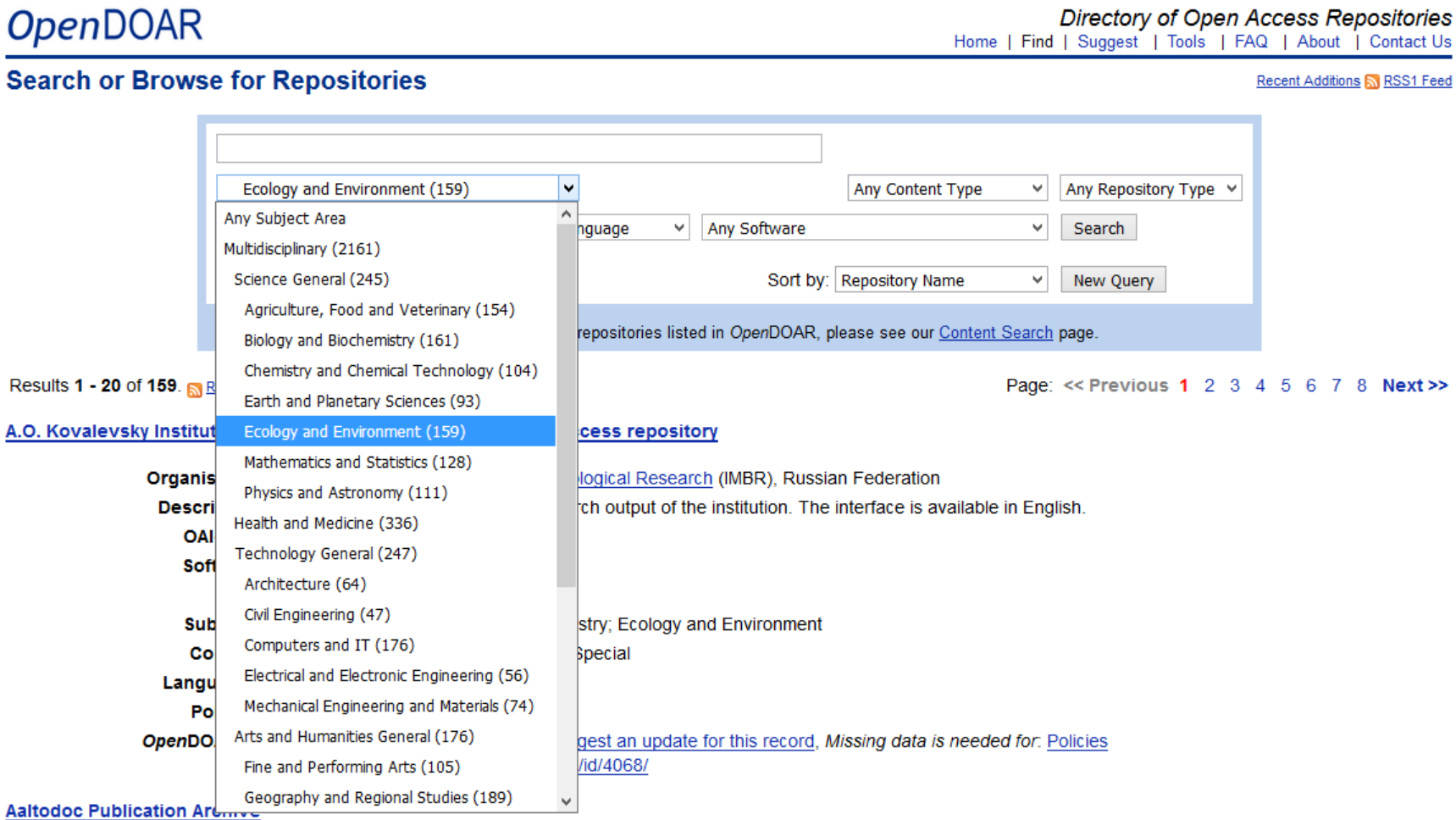
ARCHIVI APERTI

Archivi istituzionali (es. IRIS)
(https://air.unipr.it/)



ARCHIVI APERTI

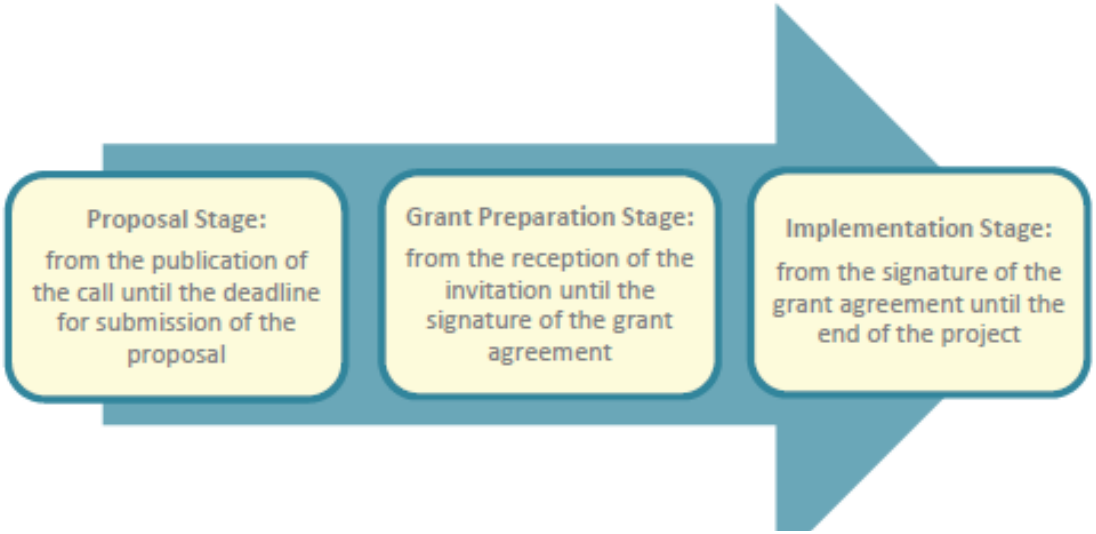
Archivi disciplinari
(http://www.opendoar.org/)



2.2 QUALITY OF THE PROPOSED MEASURES TO EXPLOIT AND DISSEMINATE THE ACTION RESULTS

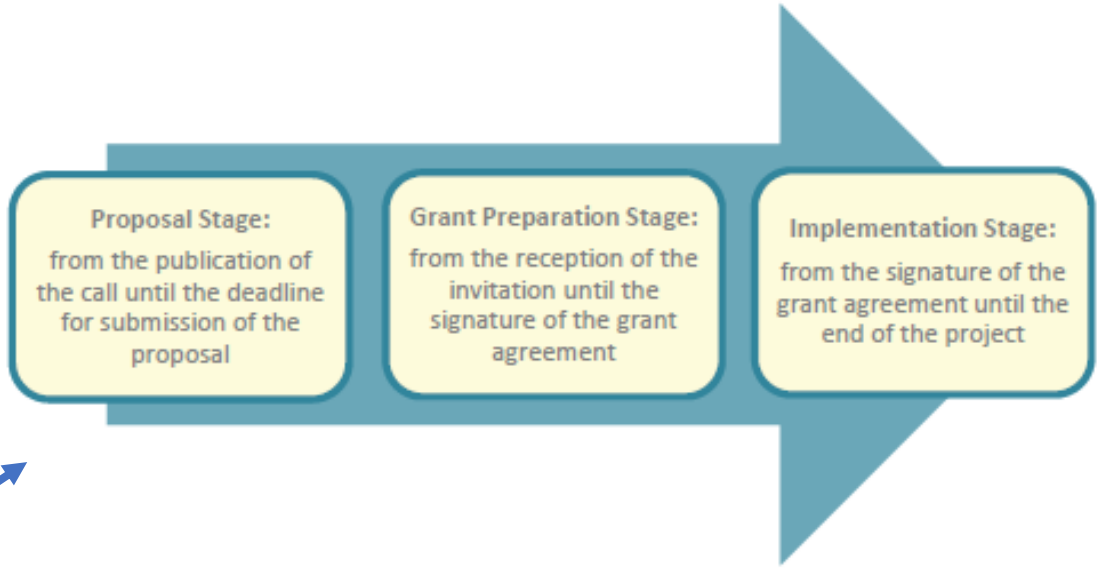
Further internal research	• These research activities must be beyond the project. • Relevant for research organisations and research intensive companies.
Collaborative Research	• The results used as background of future collaborative research projects. • Relevant for research organisations and research intensive companies.
Internal product development	• Results used in developing, creating and marketing a product/process. • Relevant for companies.
Internal service creation	• Results used in creating and providing a service. • Relevant for companies.
Licensing	• Results exploited by other organisations through out-licensing. • Relevant for all participants, but care should be taken to comply with Horizon 2020 rules.
Assignment	• Results exploited by other organisations by the transfer of ownership. • Relevant for all participants, but care should be taken to comply with Horizon 2020 rules.
Joint Venture	• Results used as background of a joint venture. • Relevant for all participants, but care should be taken to comply with Horizon 2020 rules.
Spin-off	• A separate company established in order to bring to the market results from the project. • Relevant for all participants, but care should be taken to comply with Horizon 2020 rules.
Standardisation activities	• Results used either to develop new standardisation activities, or to contribute to on-going standardisation work. • Relevant for all participants, but care should be taken to comply with Horizon 2020 rules.

PROPRIETÀ INTELLETTUALE



- **Results** arising from the project remain **the property of the beneficiary that has generated it,** as it is the general rule in Horizon 2020 projects.
- Beneficiaries in MSC projects are bound by confidentiality obligations.
- **Access rights** mean rights to use another beneficiary's results or background. **The MSC Fellows are entitled to access rights** to the beneficiaries' background and results for the purpose of allowing them to undertake the research activities under the project.

PROPRIETÀ INTELLETTUALE



Applicants should select a project name and acronym already at the proposal stage. To **avoid any trade mark infringement** it is generally advisable to be careful not to choose a sign which is similar to a registered trade mark owned by a third party for goods and services in the same area of business.

Performing searches in trade mark databases is therefore essential as well as highly recommended[12].

2.3. QUALITY OF THE PROPOSED MEASURES TO COMMUNICATE THE ACTION ACTIVITIES TO DIFFERENT TARGET AUDIENCES

Background - Communication

Communication of the action aims to demonstrate the ways in which the research, training and mobility contribute to a European "Innovation Union" and account for public spending. It should provide tangible proof that the funded action adds value by:

- showing how European and international collaboration has achieved more than would have otherwise been possible, notably in achieving scientific excellence, contributing to competitiveness and, where relevant, solving societal challenges;
- showing how the outcomes are relevant to our everyday lives, by creating jobs, training skilled researchers, introducing novel technologies, bringing ideas from research to market or making our lives more comfortable in other ways;
- promoting results, which may possibly influence policy-making, and ensure follow-up by industry, civil society and by the scientific community.

In the MSCA, public engagement is an important part of communication. The primary goal of public engagement activities is to create awareness among the general public of the research work performed under these projects and its implications for citizens and society. The type of outreach activities could range from 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.

Researchers should ensure that their research activities – both the action and, when available, its results – are made known to society at large in such a way that they can be understood by non-specialists, thereby improving the public's understanding of science. Direct engagement with the public will help researchers to better understand public interest in priorities for science and technology and also the public's concerns.

For more details, see the guide on *Communicating EU research and innovation guidance for project participants* as well as the "communication" section of the H2020 Online Manual.

The frequency and nature of communication activities should be outlined in the proposal. Concrete plans for the above must be included as a deliverable.

2.3. QUALITY OF THE PROPOSED MEASURES TO COMMUNICATE THE ACTION ACTIVITIES TO DIFFERENT TARGET AUDIENCES

Difference between communication and outreach

Outreach and communication activities are related, but are not the same and a good MSCA project should include a mix of both.

Outreach activities are meant to engage a large audience and to bring knowledge and expertise on a particular topic to the general public. Outreach activities can take several forms, such as school presentations, workshops, public talks and lab visits, etc. The objective of outreach is to explain the benefits of research to a larger public (the tax payers who fund your research). Outreach implies an interaction between the sender and the receiver of the message, there is an engagement and a two-way communication between the researcher and the public.

Communication, on the other hand, only goes in one direction from the sender to the receiver. Communication refers to articles in *mainstream* newspapers and magazines, or on TV and radio channels. Successful communication requires a clear language and attractive scientific subject with outstanding results that can catch the media's attention.

2.3. QUALITY OF THE PROPOSED MEASURES TO COMMUNICATE THE ACTION ACTIVITIES TO DIFFERENT TARGET AUDIENCES

- Pay attention to the definition of audiences and proposed messages/ content, as well as the appropriateness of tools respective to the audiences. The EC is aware that not every MSCA researcher is undertaking research of interest to the mass media. You can start small and attempt having your research published in your local newspaper
- See what such activities (or concrete plans) your Host(s) have and to show how you will 'fit in' these.
- Define activities of outreach to the wide audience.
- Take care to show the 'measurability of the impact' of the messages/ outreach.


Poster
Leaflet
MSC
Ambassadors
EC Events
Conferences
Open Days
Summer
School
Social media,
E-newsletter
Public talks,
TV/Radio
Newspapers
Workshop

Time	Activity	Target audience	Result/Impact
1	Announcement via social media already available at UniPR.	Researchers and students; UniPR social media followers	Announce that the host institution was granted by a MSCA; Introduction of the topic of the research and the team member
2, 22	Articles on local newspaper in accessible language to non-specialist public	General public typically aged 30-60	Introduce the topic of the research and raise the public awareness about the European funded research activities and results. Updates on the research.
6,12, 18, 24	Newsletter follow-up	Researchers	Frequent update on the evolution of the research project in order to promote the research about [redacted] even to close-boundaries discipline scientists.
4,16	Open Days	Young students from high school	Open doors of ER's lab to young students and general public in order to spread the outcomes of their research and raise scientific awareness in their specific fields of study
18	Publication of a video on the UniPR Youtube channel	General public typically aged 14-30	To communicate in a simple, fast and free way the results of the MSCA.
5, 17	One-day workshops in high school and universities	Young students	Inspiring their curiosity in scientific disciplines by providing a tangible proof that scientific excellence may have a direct impact to everyday lives
11	Seminar at "Festival della Scienza" (Genoa, Italy)	General public typically aged between 14-70	To engage people and promote the research profession to the public.
6	Open event at Museum [redacted] with experimental demonstration	General public typically aged 6-50	To engage people and promote the research profession to the public.
10, 22	Experimental activity at European Research Night in Parma	General public typically aged 5-50	To engage people and promote the research profession to the public.

ANALISI TEMPLATE MSCA - IF

Part B-1 of the Proposal

Part B-1:

*The **maximum** total length for this document is **13 pages.** It should be composed as follows (detailed description below):*

- Start Page	*...must consist of...*	*1 whole page.*
- Table of Contents		*1 whole page.*
- List of Participating Organisations		*1 whole page.*
- Section 1: *Excellence (starts on page 4)*		*10 pages MAX.*
- Section 2 : *Impact*		
- Section 3 : *Implementation*		

*Of the **maximum 10 pages** applied to sections 1, 2 and 3, applicants are free to decide on the allocation of pages between the sections. However, the overall page limit will be strictly applied, **excess pages** will be **watermarked** and experts will be strictly instructed to **disregard** them.*

PART B-1 SECTION 3 - IMPLEMENTATION

3. Quality and Efficiency of the Implementation

3.1 Coherence and effectiveness of the work plan

3.2. Appropriateness of the allocation of tasks and resources

3.3 Appropriateness of the management structure and procedures, including risk management

3.4 Appropriateness of the institutional environment (infrastructure)

3.1 COHERENCE AND EFFECTIVENESS OF THE WORK PLAN

Part B-1 Section 3 - Implementation

3. Quality and Efficiency of the Implementation

3.1 Coherence and effectiveness of the work plan

- Work Packages titles (for EF there should be at least 1 WP);
- List of major deliverables, if applicable;[6]
- List of major milestones, if applicable;[7]
- Secondments, if applicable.

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

Here you have to provide a short description of each WP

3. IMPLEMENTATION

- A work package (WP) is a part of a project structure plan.
- It contains the task-based services that are necessary to reach the defined result by a given date.
- Each WP must contain the **allowed time and the deliverables**.
- Deliverables are the outputs of the projects (e.g. database, special report, a technical diagram brochure, list, other building block of the project)
- Deliverables must be produced at a given moment during the action.

WP No.: 2	
WP Title	Training, with a focus on interdisciplinary aspects and on transversal skills
Objectives	Deepening and enhancing the ER's research competencies on Hegel, dealing with relevant interdisciplinary aspects (implementation of the dialogue between Philosophy, Evolutionary Psychology and Neuroscience). Training in complementary skills will enhance the ER's career perspectives.
Description	T2.1 Research training (M1-36; Fellow, with the support of the HI and POs): during the outgoing phase (M1-24): self-consciousness, natural prerequisites, language acquisition and social interaction; during the return phase (M25-36): Self-consciousness, neuroscience and brain imagining. T2.2 Training in transversal skills (M1-36; Fellow, with the support of the HI and POs): during the outgoing phase (M1-24): English language, project management, communication and presentation skills. During the return phase (M25-36): Principles of project design, Entrepreneurship.
Deliverables	D2.1 Personal Career Development Plan (M2)
Milestones	M2.1 Certificates related to the training received are awarded (M16, M24, M35)

Milestones are **control points** in the project that help to chart progress. They 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.

WP2: Material testing (Months 13-24). The object of WP2 is the detection of strained zones and the formation of micro fissures under mechanical stress via fluorescent emission. The secondment in the group of Dr. [redacted] will be performed in the frame of this WP. **Duration: 12 months.** **Task 2.1** Fabrication of specimen for mechanical testing. Testing the photo physical and stress-related fluorescence properties of the resulting thermosets. Testing of the material fluorescence emission under stress using microscope and hand-held camera under different stress condition (extension, compression, three-point bending, etc.). **Duration: 8 months.** **Task 2.2** Measurement of the displacement and the strain field of the surface of the specimen *via* DIC. Correlation between fluorescence emission and displacement. Evaluation of the mechanical sensitivity and spatial resolution of the fluorescence emission. **Duration: 4 months.**
M2.1: Self-diagnostic composites. Complete material testing of self-diagnostic composites.
D2.1: Thermoset and composites fluorescence measurements. [redacted] (Month 20)
D2.2 Self-diagnostic composites performances. [redacted] (Month 24)

3.1 COHERENCE AND EFFECTIVENESS OF THE WORK PLAN

Part B-1 Section 3 - Implementation

3. Quality and Efficiency of the Implementation

3.1 Coherence and effectiveness of the work plan

The proposal should be designed in such a way to achieve the desired impact. A Gantt Chart should be included in the text listing the following:

- Work Packages titles (for EF there should be at least 1 WP);
- List of major deliverables, if applicable;[6]
- List of major milestones, if applicable;[7]
- Secondments, if applicable.

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

GANTT CHART

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
WP1 Project Management						M1						D1.1						M2						D1.2
WP2 Training and Career Development	D2.1 M2																							
WP3 Dissem.& Public Engag.		D3.1 News				D3.2 Semin						D3.3 (Conf.) D3.4 Paper					D3.5 MC Ambas						D3.6 (Conf.) D3.7 Paper	
WP4 abcdef ("Research Objective 1")								D4.1																
WP5 gheijkl ("Research Objective 2")																	D5.1							
WP6 mnopqrs ("Research Objective 3")																								D6.1
Secondment																								

3.2 APPROPRIATENESS OF THE ALLOCATION OF TASKS AND RESOURCES

3.2. 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 amount of person-months is appropriate in relation to the activities proposed.

- Resources = staff, money, equipments, competences
- For each WP, mention how many person-months you will allocate and justify why the number is appropriate according to the activities proposed. The idea is to justify why the amount of person effort proposed is the appropriate one and that it corresponds to what is being proposed to be do

3.2 APPROPRIATENESS OF THE ALLOCATION OF TASKS AND RESOURCES

The fellowship will require 24 person-months considering the allocation in terms of time and effort of the proposed work plan. A feasible, credible and well-structured timeline is proposed for all the activities. The organisation of WP1, WP2 and WP3 allows the ER to efficiently monitor the research progresses. The secondment is planned at M9 so that the ER will be able to . Once back from the secondment period, the ER will focus on the implementation of t . The ER, under the guidance of the supervisor has already drafted a communication and dissemination plan (WP5) appropriate to the resources allocated by the action. Most of the proposed communication activities are free of charge. Budget for open access publications has already been allocated. Overall, the research, training and networking costs (*e.g.* lab material, software licence, books, conference fees, and publications costs) will be covered by the fellowship institutional funding in accordance with the Model Grant Agreement. Nevertheless, UniPR research group has the financial and operational capability to carry out the proposed action with no budget constraints. Overall, the expertise of the research team and the previous research experience of the candidate, as well as a punctual monitoring of the project progression and an accurate risk analysis, will ensure the success of the project.

- The allocation of resources of the host is adequately addressed; the commitment of the host to the research and training activities is convincing.

3.3 APPROPRIATENESS OF THE MANAGEMENT STRUCTURE AND PROCEDURES, INCLUDING RISK MANAGEMENT RESOURCES

3.3 Appropriateness of the management structure and procedures, including risk management

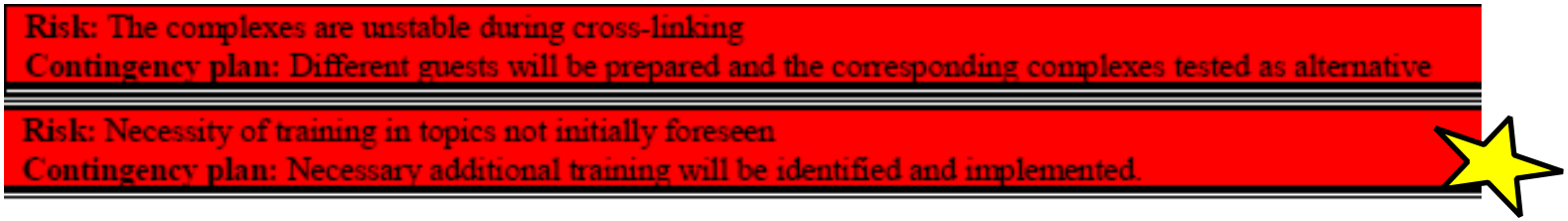
Describe the:

- Organisation and management structure, as well as the progress monitoring mechanisms put in place, to ensure that objectives are reached
- Research and/or administrative risks that might endanger reaching the action objectives and the contingency plans to be put in place should risk occur
- Involvement of entity with a capital or legal link to the beneficiary (in particular, name of the entity, type of link with the beneficiary and tasks to be carried out), if applicable

- Organisation and management structure, as well as the progress monitoring mechanisms put in place, to ensure that objectives are reached

- Describe the Decision-Making process and the Communication Flow; **who decides for administrative and scientific issues**? The Supervisor with you? How often do you meet? Explaining the mentoring scheme and the progress monitoring mechanism (times of meetings and content, etc.)
- Have something like an informal "Advisory Committee/ Group" whose role will be to advise you/give you insight and feedback?
- Also recall that you will have a designated WP on Management of the Project (3.2)
- Are you going to receive assistance in Administrative and Financial issues also from other Units/Departments of the Host? Mention them.

- Research and/or administrative risks that might endanger reaching the action objectives and the contingency plans to be put in place should risk occur



- Mention the formulation, in cooperation with your Supervisor, of a Contingency/ Risk Management Plan. This plan could also be a Milestone and a Deliverable.
- Identify some of the risks (both scientific and administrative) in your Proposal; e.g. data availability, equipment failure, delay of permits, etc.
- Rate them; e.g. high-medium-low.
- Suggest contingency measures.

Table 4 | Risk assessment and contingency plan

Description of the risk	Risk Rating	Contingency Plan	WP
No co-crystals are obtained with a give EO and a selected coformer	Low	Alternatives synthetic paths way will be considered A different coformer will be selected from the GRAS list An *ad hoc* coformer will be synthesized in order to maximize the intermolecular network	1
Crystalline structure characterization and correlation with final co-crystal properties: No single crystal suitable for SCXR analysis are obtained	Medium	Structure solution will be attempted from XRPD Combined XRPD and theoretical approach will be used	2
The chemico-physical properties of the co-crystals obtained with the same EO but different coformers are similar and there is not a significant differentiation.	Low	A new ad hoc conformed will be synthesized to further differentiate the intermolecular network. Even if properties from systematic synthesis of cocrystal does not provide with different properties, the ER will proceed testing the co-crystals in WP3	2
Co-crystal properties do not significantly modify the chemico-physical EO properties as pure liquid	Low	The formation of co-crystal will be considered as added value: although the chemical efficiency of the EO is similar, the co-crystal represents, as a solid, a safer way to handle/store EO.	3
Difficulties for papers to be accepted in high profile journals/ conferences	Medium	A publication strategy will be defined well in advance before submission deadlines. The ER will have constant feedbacks from his supervisors and Department staff to ensure good quality submissions.	all

Strengths:

- The milestones are clearly defined.

- The allocation of resources of the host is adequately addressed; the commitment of the host to the research and training activities is convincing.

- The management structure of the project including the project organization, progress monitoring mechanisms, as well as administrative and financial issues are clearly described and appropriate.

- The potential risks are well identified and an appropriate risk mitigation plan is proposed.

- The infrastructure and facilities of the host are well described and appropriate for the proposed project.

3.4 APPROPRIATENESS OF THE INSTITUTIONAL ENVIRONMENT

3.4 Appropriateness of the institutional environment (infrastructure)

The active contribution of the beneficiary to the research and training activities should be described. For Global Fellowships the role of partner organisations in Third Countries for the outgoing phase should also appear.

- Give a description of the main tasks and commitments of the beneficiary and all partner organisations (if applicable).
- Describe the infrastructure, logistics, facilities offered in as far they are necessary for the good implementation of the action.

- Describe the Host(s) briefly, in terms of **overall size of research community and infrastructure**. Then describe particularly the Department/Centre/Unit/Group where you will join.
- Highlight the **particular infrastructure and facilities pertinent to your project** and argue that you will have access to all necessary equipment and facilities, laboratories, libraries, collections, etc., as well as that you will receive all necessary administrative and logistics support

3.4 APPROPRIATENESS OF THE INSTITUTIONAL ENVIRONMENT

- Describe the host experience in **hosting mobile researchers/visiting academics**, in structured training programs, and showcase their experience in (international) research projects.
- GF - You should elaborate here also on the 'Outgoing Host' and its commitment. You should specify what the Partner Organisation (Outgoing Host) will contribute: how and with how many resources.
- GF - Highlight what 'Outgoing Host' is going to commit in terms of training and supervision, infrastructure, equipment, office-space/ amenities and any other 'hosting arrangements', hence underlining the complementarity and synergy with the Return Host.

Part B-2:

Part B-2 must contain sections 4-7 as described below. ***No overall page limit*** *will be applied to this document, but applicants should respect the instructions given per section (e.g. in section 5, a maximum of one page should be used per beneficiary and one page per partner organisation).*

- *Section 4:CV of the experienced researcher* — *5 pages MAX.*
- *Section 5:* Capacities of the participating organisations — *1 page / participating organisation.*
- *Section 6: Ethical aspects*
- *Section 7: Letter of commitment of the partner organisation (for GF only)*

Note that applicants will not be able to submit their proposal in the submission system unless ***both documents*** *1 and 2 are provided* ***in pdf format*** *(*Adobe version 3 or higher, with embedded fonts*).*

4. CV of the Experienced Researcher

The CV is intrinsic to the evaluation of the whole proposal and is assessed throughout the 3 evaluation criteria.

This section should be limited to maximum 5 pages and should include **the standard academic and research record.** Any research career gaps and/or unconventional paths should be clearly explained so that this can be fairly assessed by the independent evaluators.

The *Experienced Researchers* must provide a list of achievements reflecting their track record, and this may include, if applicable:

1. **Publications** in **major , peer-reviewed conference proceedings and/or monographs** of their respective research fields, indicating also the number of citations (excluding self-citations) they have attracted.
2. Granted **patent(s)**.
3. **Research monographs, chapters** in collective volumes and any translations thereof.
4. **Invited presentations** to peer-reviewed, internationally established conferences and/or international advanced schools.
5. **Research expeditions** that the *Experienced Researcher* has led.
6. **Organisation of International conferences** in the field of the applicant (membership in the steering and/or programme committee).
7. Examples **of participation in industrial innovation**.
8. **Prizes and Awards**.
9. Funding received so far
10. Supervising, mentoring activities.

PART B-2 SECTION 5 - CAPACITY OF THE PARTICIPATING ORGANISATIONS

Beneficiary X	
General Description	
Role and Profile of key persons (supervisor)	*(names, title, qualifications of the main supervisor)*
Key Research Facilities, Infrastructure and Equipment	*Demonstrate that the beneficiary has sufficient facilities and infrastructure to host and/or offer a suitable environment for training and transfer of knowledge to the recruited experienced researcher* *If applicable, indicate the name of the entity with a capital or legal link to the beneficiary and its role in the action.*
Independent 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 entities?* *If applicable, indicate the name of the entity with a capital or legal link to the beneficiary and describe the nature of the link..*
Previous Involvement in Research and Training Programmes	*Detail any (maximum 5) 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 the EU and/or national research and training actions in which the beneficiary is currently participating*
Relevant Publications and/or research/innovation products	*(Max 5) Only list items (co-)produced by the supervisor*

Part B-2:

Part B-2 must contain sections 4-7 as described below. ***No overall page limit*** *will be applied to this document, but applicants should respect the instructions given per section (e.g. in section 5, a maximum of one page should be used per beneficiary and one page per partner organisation).*

- *Section 4:CV of the experienced researcher* — *5 pages MAX.*
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Note that applicants will not be able to submit their proposal in the submission system unless ***both documents*** *1 and 2 are provided* ***in pdf format*** *(*Adobe version 3 or higher, with embedded fonts*).*

TOMORROW…THINK ABOUT YOUR PROPOSAL'S ETHICAL ASPECTS

Part B-2 Section 7 - Letter of Commitment (GF only)

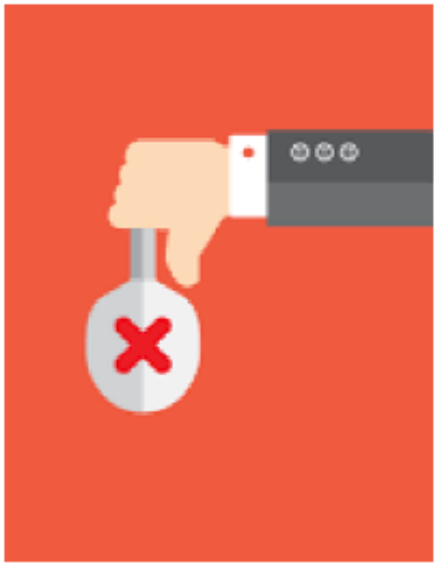
For the Global Fellowship proposals, a letter of Commitment **of the partner organisations** (hosting the outgoing phase in a third country) must be included in part B-2 to ensure their real and active participation. these should not be attached as a separate PDF file or as an embedded file since this makes them invisible.

GF Proposals which fail to include a letter of commitment of the partner organisation will be declared **inadmissible**.

Minimum requirements for the letter of commitment:

- **heading** or **stamp** from the institution;
- up-to-date (may not be dated prior to the call publication);
- the text must demonstrate the will to actively participate in the (identified) proposed action and the precise role.

Please note that no template for these letters is provided, only general rules.



- The projects is not innovative/original, but it looks like a simple continuation of the researcher PhD
- The proposal does not address EU policy or societal challenges being faced in the EU and beyond
- Objectives and “state-of-the-art” research are elaborate and in-depth, but Implementation/Methodology and Impact are under-developed
- Over/Under-ambitious
- Not enhancing training/career
- Essential parts disregarded

LAYOUT OF PROPOSAL

Not evaluated but it makes life easier for evaluators

- Remember that a **nice layout is important**. The evaluators have to read many (and sometimes boring) proposals, thus it is essential that they can see the important information in your proposal at once.
- Use **figures, tables and diagrams**, when (and if) necessary.
- Get to the point quickly: there's a strict page limit for each session.
- Use **sub headers, bullet points, numbered sub-titles, breaks** etc. in order to make your **text easily readable and appealing.**
- Always respect the **formatting constraints** reported in the proposal template.
- Remember that the text should be legible **in black and white.**

AND TO CONCLUDE

- Proof-read your proposal and evaluate point per point your proposal following the evaluation criteria . Give yourself marks!
- If English isn’t your native language, ask at least one native speaker to proof-read your project.
- Don't wait until final version is ready. Every new submission overwrites the previous one.

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Giovanni Sogari
Food Consumer Researcher

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