







# MSCA Postdoctoral Fellowships: tool for international mobility of researchers

**MSCA NCP** 







# **Horizon Europe structure**

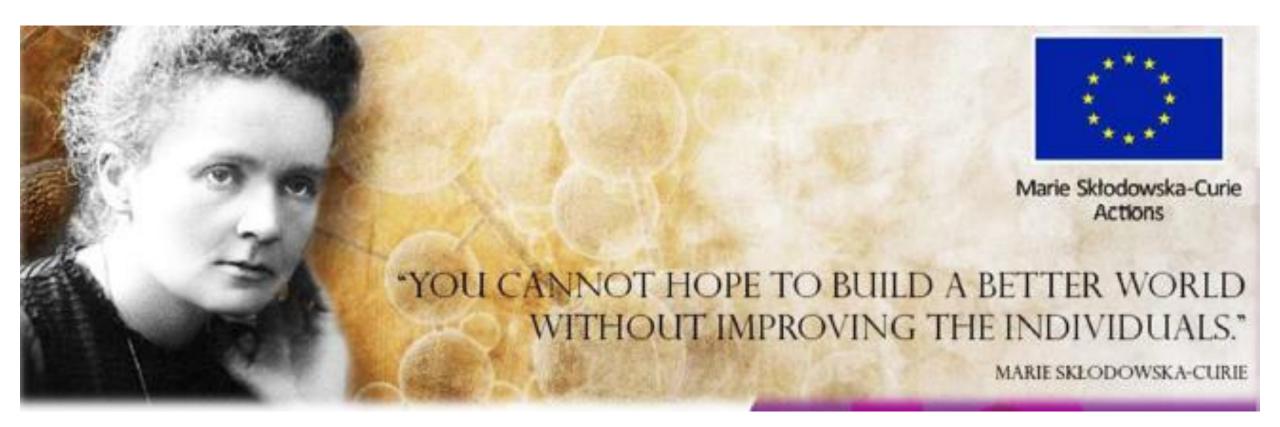


**Excellent Science (Pillar 1)**: reinforcing and extending the excellence of the Union's science base















# **MSCA** key features

- Support the training and career development of researchers from all over the world through excellent doctorates, postdoctoral fellowships and collaborative projects
- Stimulating international, inter-sectoral and interdisciplinary cooperation. Participation of nonacademic sector, especially industry and SMEs
- For researchers at every stage of their career
- Support excellent research in all domains (bottom-up approach)
- Promotion of attractive working and employment conditions (financing rate of up to 100%)









# MSCA 2021-2027



- 1. MSCA Doctoral Networks
- 2. MSCA Postdoctoral Fellowships → postdoctoral researchers
- 3. MSCA Staff Exchanges
- 4. MSCA COFUND
- 5. MSCA and Citizens

- → networks training doctoral candidates
- → any type of research(-related) staff
- → co-funding training programmes
- → public outreach events



#### hørizon europe



# MSCA Postdoctoral Fellowships: main features

- Mono-beneficiary action (supporting individual projects)
- Support post-doctoral research and careers
- Cover all research domains (bottom-up approach)
- 8 scientific panels: CHE, SOC, ECO, ENG, ENV, LIF, MAT, PHY
- Unique mobility rule: not resided, worked, studied > 12 months in the 3 years in the country of the Host Institution (Third country host for the GF)
- Develop skills for academia and beyond build bridges with academia
  - additional up to 6 months placements in the non-academic sector at the end of EF and GF projects
- Secondments worldwide (except for the return phase of the GF)









### Two types of fellowships:

#### **European Fellowships (EF)**

- → HI located in a Member State ot Associated Country
- → Duration :12 to 24 months

#### Global Fellowships (GF)

- → Mobility towards a third coutry
- → 24 to 36 month (uncluding a mandatory 12 months return phase in a Member State or Associated Country)

# European Fellowships (EF)

A researcher may submit only one proposal per call

For fellows coming to

or

moving within

**Europe** 



**12-24 months** 





#### ... before call deadline

#### **MOBILITY RULE**

Not resided, worked, studied > 12 months in the 3 years in the country of the beneficiary

# Global Fellowships (GF)



# For fellows from Europe going to TC and then returning to Europe

# Global Fellowships (GF)

...before call deadline

#### 1. RESEARCHER RULE

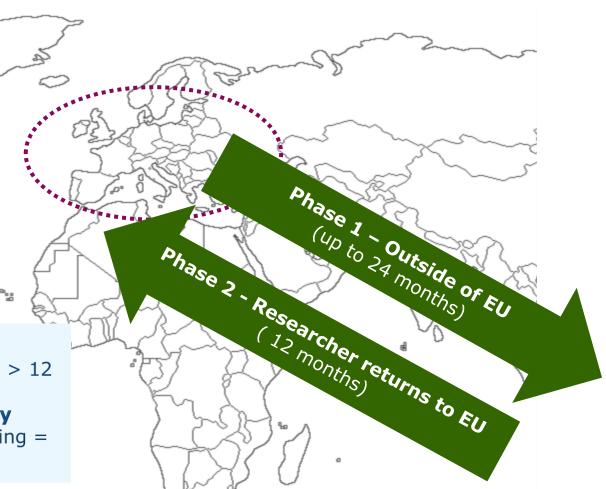
Not If not European, the researcher must have resided at least 5 consecutive years in Europe before leaving (long term residency)



#### 2. MOBILITY RULE

Not resided, worked, studied > 12 months in the 3 years in the country of the **Third Country partner** organisation (outgoing = phase 1)





### Secondments wordwide

(except for the return phase of the GF)



### Maximum 1/3 of the total project duration

Transfer of knowledge to contribute significantly to the impact of the fellowship

Not mandatory

Short stays are also possible

### Which researchers?



#### **Postdoctoral Researchers**

- Have successfully defended a PhD at the call deadline
- <8 years of research experience after the PhD



#### **Any Nationality \***

\* (residency condition for nationals of non-Member States/Associated countries for Global fellowships)

# Which organisations?

#### **Academic sector**



- Higher education establishments (awarding academic degrees)
- Non-profit research organisations (primary mission research)
- International European interest organisations (e.g. CERN, EMBL)

#### **Non-academic sector**



- Any entity not included in the academic sector:
- e.g. large companies, SMEs, NGOs, museums, hospitals, international organisations (e.g. UN, WHO)

# Which countries?

### **EU Member States (MS):**

27 countries

Associated Country(AC): (Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Georgia, Iceland, Israel, Kosovo, Moldova, Montenegro, North Macedonia, Norway, Serbia, Tunisia, Turkey)

Third Countries (TC): any other country (only as partner organization under Global Fellowships)

List of participating countries in Horizon Europe: <a href="https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/list-3rd-country-participation horizon-euratom en.pdf">https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/list-3rd-country-participation horizon-euratom en.pdf</a>





MSCA



# MSCA Postdoctoral Fellowships: funding

Institutional unit

Unit				
contri	hı	ıti	٥n	10

Postdoctoral Fellowships				contributions  per person-month			
	Living allowance	Mobility allowance	Family allowance (if applicable)	Long- term leave allowance (if applicable)	Special needs allowance (if applicable)	Research, training and networking contributions	Management and indirect contributions
	EUR 5 080	EUR 600	EUR 660	EUR 5 680 x % covered by the beneficiary	requested unit <sup>52</sup> x (1/number of months)	EUR 1 000	EUR 650

The pre-defined categories are as follows: EUR 3 000, EUR 4 500, EUR 6 000, EUR 9 500, EUR 13 000, EUR 18 500, EUR 27 500, EUR 35 500, EUR 47 500 and EUR 60 000.

Contributions for the recruited researcher



## MSCA PF call 2023



Call Opening: 12 April 2023

Call Deadline: 13 September 2023

Evaluation of proposals: November 2023 - January 2024

Launch Grant preparation: Early March 2024

Starting dates: 1 April 2024 - 1 September 2025

Call budget : 260,47 M€







# **Evaluation criteria**

Excellence   50%	Impact   30%	Mise en œuvre   20%
Quality and pertinence of the project's research and innovation objectives (and the extent to which they are ambitious, and go beyond the state of the art)	Credibility of the measures to enhance the career perspectives and employability of the researcher and contribution to his/her skills development	Quality and effectiveness of the work plan, assessment of risks and appropriateness of the effort assigned to work packages
Soundness of the proposed methodology (including interdisciplinary approaches, consideration of the gender dimension and other diversity aspects if relevant for the research project, and the quality of open science practices)	Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities	Quality and capacity of the host institutions and participating organisations, including hosting arrangements
Quality of the supervision, training and of the two-way transfer of knowledge between the researcher and the host	The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts	
Quality and appropriateness of the researcher's professional experience, competences and skills		





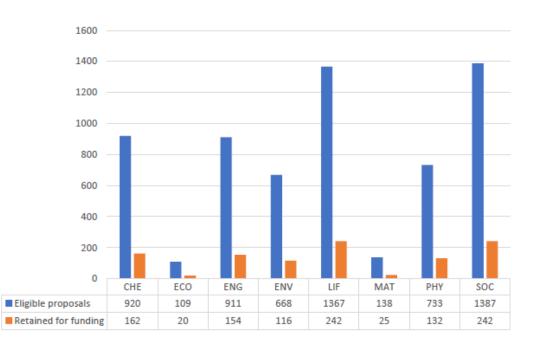


# Success rates - 2022

### Proposals retained for funding - EF

Action	Eligible proposals	Main list
PF-EF	6233	1093
Grand total	6909	1235

Panel	Success rate EF
CHE	17,61%
ECO	18,35%
ENG	16,90%
ENV	17,37%
LIF	17,70%
MAT	18,12%
PHY	18,01%
soc	17,45%
<b>Grand Total</b>	17,54%







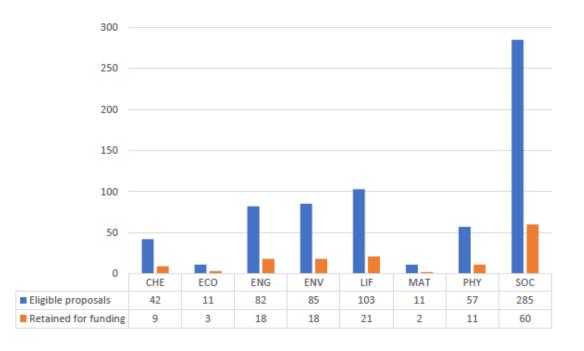


## Success rates - 2022

### Proposals retained for funding - GF

Action	Eligible proposals	Main list
PF-GF	676	142
Grand total	6909	1235

Panel	Success rate GF
CHE	21,43%
ECO	27,27%
ENG	21,95%
ENV	21,18%
LIF	20,39%
MAT	18,18%
PHY	19,30%
soc	21,05%
<b>Grand Total</b>	21,01%









# ERA-fellowships : an additional opportunity to be funded

If you have passed all the MSCA Postdoctoral Fellowships thresholds, but have not been ranked on the main list and you have ticked the 'ERA Fellowship' box in your proposal: your proposal will automatically be considered for the ERA Fellowships call.

It is an additional opportunity to obtain funding in a **one** single evaluation!

Proposals are eligible for ERA Fellowships if they are submitted by the host institution located in a Widening country/region









# **ERA Fellowships**

<u>Aim</u>: To attract talented postdoctoral students to host institutions located in the eligible Widening countries

#### Who?

- Excellent postdoctoral researchers who undertake a mobility to a Widening country/region
- Academic and non-academic host institutions located in Widening countries/regions

#### **Activities**:

- · Individual fellowship for mobility
- Collaborations with other academic/non-academic sectors; secondmnets in other organisations

Modalities : up to 2 years – 50 projects to be funded/year 8M€/year





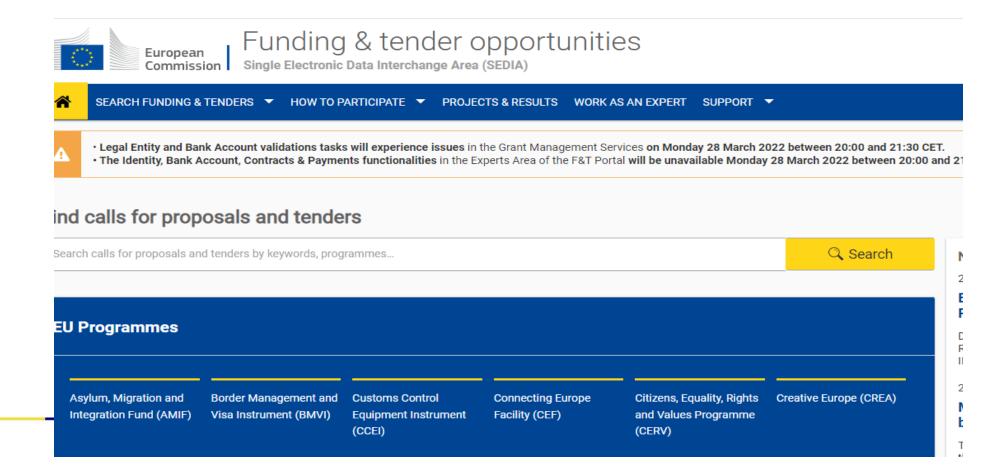




## Postdoctoral candidate - how to apply?

<u>Step 1</u> Calls for proposals are published on the European Commission <u>Funding and Tenders Portal</u>. Check your eligibility: read carefully the call text and the Guide for Applicant







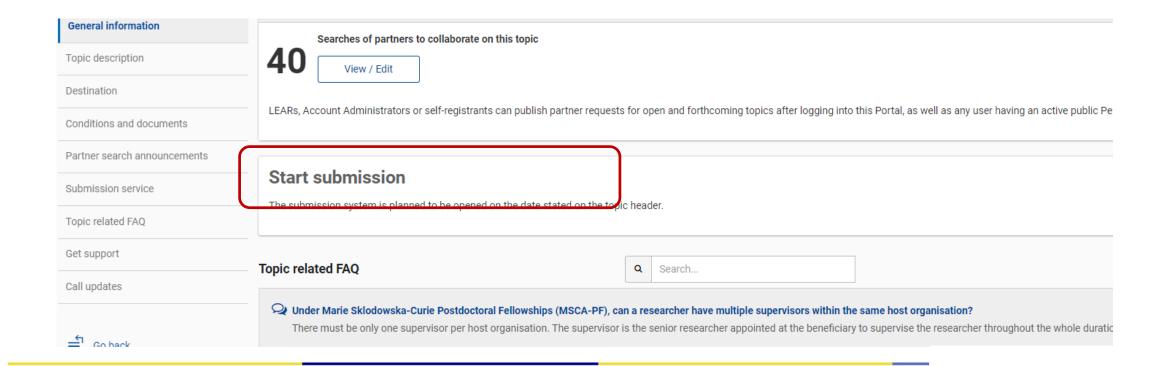




## Postdoctoral candidate - how to apply?

Step 2 Identify your future host institution and your supervisor, and get in contact with them (both the supervisor and the grants support office)

Step 3 Register your proposal through the call page, by using the Participant Identification Code (PIC) of your future Host Institution



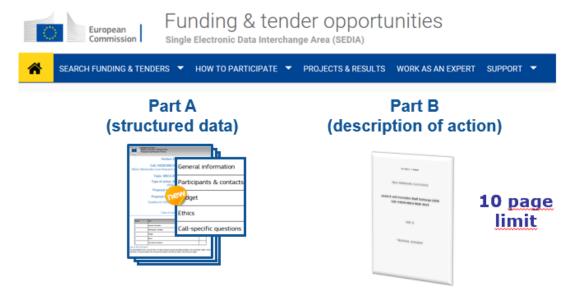






### Postdoctoral candidate - how to apply?

Step 4 Download the proposal Template (Part B), write your project proposal with the support of your supervisor and your Host Institution EU Grants Office



Step 5 Fill in administrative forms online (Part A) with the support of your EU Grants Office, upload your proposal (Part B) in PDF, and submit it before the call deadline (13 September 2023)







# **Proposal structure**



#### **PART A – Administrative forms**

General information

Acronyme, title, duration, scientific panel, « descriptors » and keywords, abstract, declarations

Participants

Information concernant the beneficiary and the associated partners

Budget

EU contribution calculated on the basis of personnes-months

Ethics et Security

Ethics and security questionnaire, self-evaluation

Other Questions

PDF TO SUBMIT ONLINE

PART B1 – Scientific project - 10 pages

Section 1 : Excellence

Section 2 : Impact

Section 3 : Implementation

PDF TO SUBMIT ONLINE

PART B2 - Annexes - No page limit

- Section 4 CV of the researcher (5 pages max.)
- Section 5 Capacity of participating organisations
- Section 6 Additional information concerning ethics
- Section 7- Additional information concerning security
- Section 8 Letters of commitment (only for Global Fellowships)

Starting from 2023, only required from the outgoing phase host in Global Postdoctoral Fellowships.







### Postdoctoral candidate - how to find a Host Institution?

- ✓ Tip 1 : Activate your professional networks and existing collaborations
- ✓ Tip 2 : Check publications in your research area. Who is the specialist/the lab you would like to work with?
- ✓ Tip 3 : Search though Hosting offers on Euraxess Jobs portal : <a href="https://euraxess.ec.europa.eu/jobs/hosting/search">https://euraxess.ec.europa.eu/jobs/hosting/search</a>

or on MSCA-NET match-making platform.





- ✓ Tip 4 : Check Partner Search Announcements on the Funding&Tenders Portal, on the call page
- ✓ Tip 5 : Interested by a fellowship in a private company? Check companies' profiles on the Entreprise Europe Network partner search platform : <a href="https://een.ec.europa.eu/partners?f%5B0%5D=field\_country%3A298">https://een.ec.europa.eu/partners?f%5B0%5D=field\_country%3A298</a>







# I have identified a possible host – what now?

#### **Contact them**

- Send a short e-mail explaining who you are, your motivations and why you want to work with them and why this institution
- Specify that you want to apply with them to the MSCA Postdoctoral Fellowships (include a link to the call page)
- Attach your CV and a short summary of your project (one-page-proposal)
- Make sure you are clear in what you are asking from them

#### Make sure you are visible

- Make sure your research pages/web site are up-to-date
  - ✓ What you have done current CV
  - ✓ Include all activities : demonstrate that you are the right candidate for a Postdoctoral Fellowship
  - ✓ Research interests what you would like to work on in the future
- Social media personal vs professional







# Postdoctoral Fellowships : a tool for international cooperation

#### You are a Host Institution (university, research center)?

# Develop your existing scientific partnerships or create new ones through:

- √ Hosting a research fellow from Romania in a French lab (1-2 years)
- √ Hosting a research fellow from France in a Romanian lab (1-2 years)

#### How to attract postdoctoral candidates?

- Activate your professional networks (e.g. in the frame of PHC)
- Ask the French Embassy in Romania for support
- If relevant, make use of short mobility to identify candidates and discuss with them their projects
- Register your Hosting offers on Euraxess: <a href="https://euraxess.ec.europa.eu/jobs">https://euraxess.ec.europa.eu/jobs</a>
- Make sure your research pages/web sites are visible and up-to-date
- Get informed about support to applicants provided by your institution (EU Grants office) and your National Contact Point and inform your candidates of it
- Prepare the PF applications <u>with</u> your postdoctoral candidate(s)

Only one proposal may be submitted by postdoctoral candidate by call.

Several proposals may be submitted by the same supervisor or Host Institution.







French Research and Innovation landscape





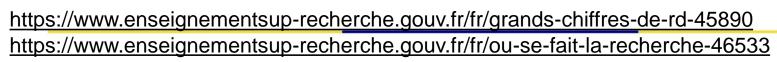


# France's Research Landscape



- 75 public Universities
- 150 Grandes Ecoles
- ❖ 26 public research organisations (CNRS, INSERM, CEA, INRA, INRIA, IFREMER, CNES, IRD, CIRAD etc.)
- 2 private foundations (Institut Pasteur and Institut Curie)
- 295 754 researchers among which 28% are women
- 1,6M students and 71 159 PhD students
- 71 competitiveness clusters
- 2,2% of GDP dedicated to research (49,5 billion €)

France's population = 67,8 million











# 7 good reasons to choose France for your research:

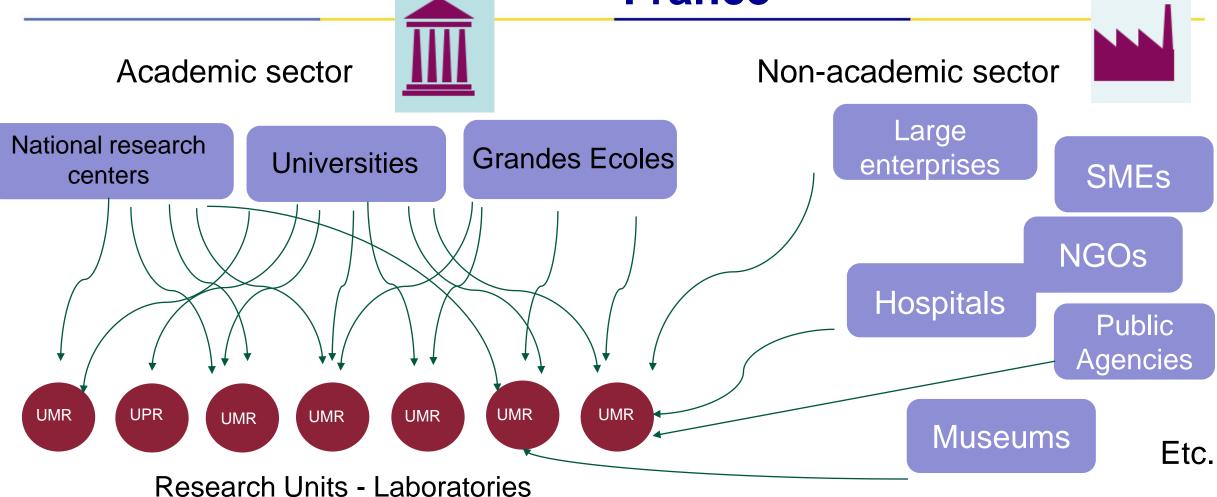
- ✓ Excellent research: France takes 2<sup>nd</sup> world place for the number of Fields medals (11) and 2<sup>nd</sup> world place for Nobel prizes (65). It is the 3rd nation in Shanghai ranking (2021) and it takes the 4th world place for the impact of its scientific publications (H-index)
- ✓ A country of innovation: France is the 2<sup>nd</sup> EU country for the number of patents
- ✓ Attracting researchers from all over the world: with 42% of foreigners among its PhD students, France is the 3rd host country in EU for young researchers
- ✓ A global network: French R&I institutions are set in more than 250 destinations in the world, and more than 63% of French publications are made in collaboration with foreign rearchers
- ✓ At the heart of international research projects: French research is involved in large european and international research projects: particle physics with CERN, Arianespace, ITER project on nuclear fusion etc.
- ✓ **Dynamic R&I ecosystem**: 2/3 of French research is operated by the non-academic sector. 600 000 people work for R&I in entreprises.
- ✓ **Top level research infrastructures**: 108 RI, including large research infrastructures are listed in the national roadmap 2021, in different areas: astronomy and astrophysics, health and life sciences, human and social sciences, physics and engineering sciences etc.







horiOrganisation of Research and Innovation in France









# ScanR: Search Engine for French Research and Innovation

patents)

Commission

#### https://scanr.enseignementsup-recherche.gouv.fr/

together

Search by keywords, publications, authors' names. projects' names, types of entity, sectors, location etc.











# Romanian Research and Innovation landscape









# Romania's Research Landscape





**Location:** in Southeastern Europe, it borders the Black Sea, Bulgaria, Ukraine, Hungary, Serbia and Moldova

Area: 238.391 square kilometers

Inhabitants: over 19 million inhabitants, the country is the seventh most populous member state of the European Union

**Currency:** leu (1 euro = 5 lei)

Official language: Romanian

**NATO** member state: since 29<sup>th</sup> of March 2004 **UE** member state: since 1<sup>st</sup> of January 2007







# Research and education landscape



#### MINISTRY OF EDUCATION

**53** public universities (including military universities)

**32** private universities

**535.030** students (**70,15%** Bachelor's Degrees; **26,92%** Master's Degree; **2,65%** PhD)

# MINISTRY OF RESEARCH, INNOVATION AND DIGITALIZATION

**47** National Research and Development Institutes

#### **ROMANIAN ACADEMY**

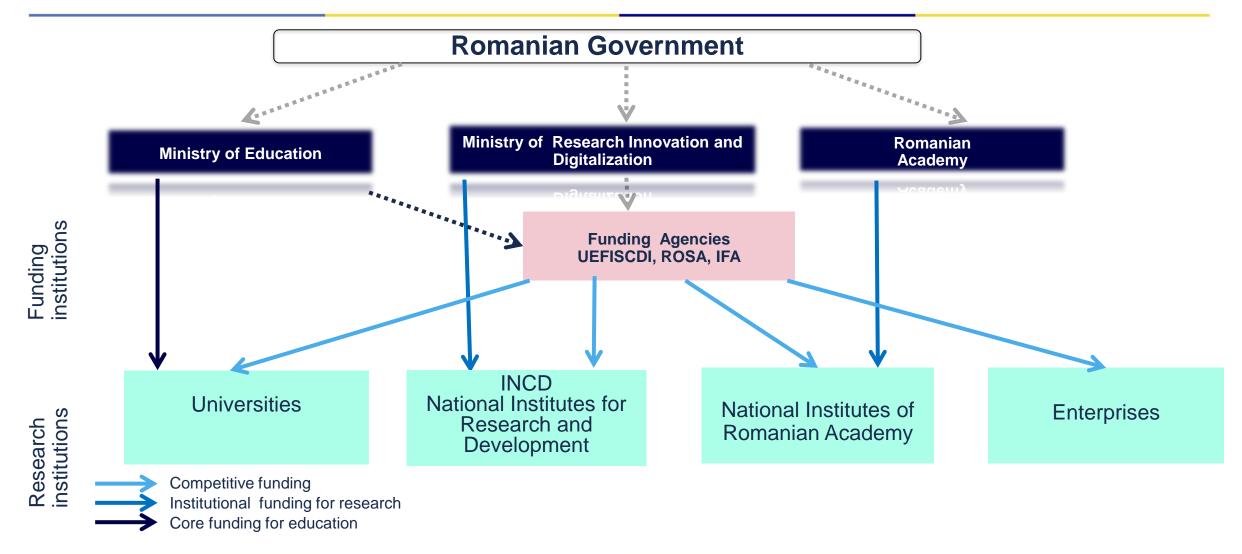
**60** Research Institutes







# Organisation of Research and Innovation in Romania









# **Bilateral collaboration**

# Research visits & mobility projects



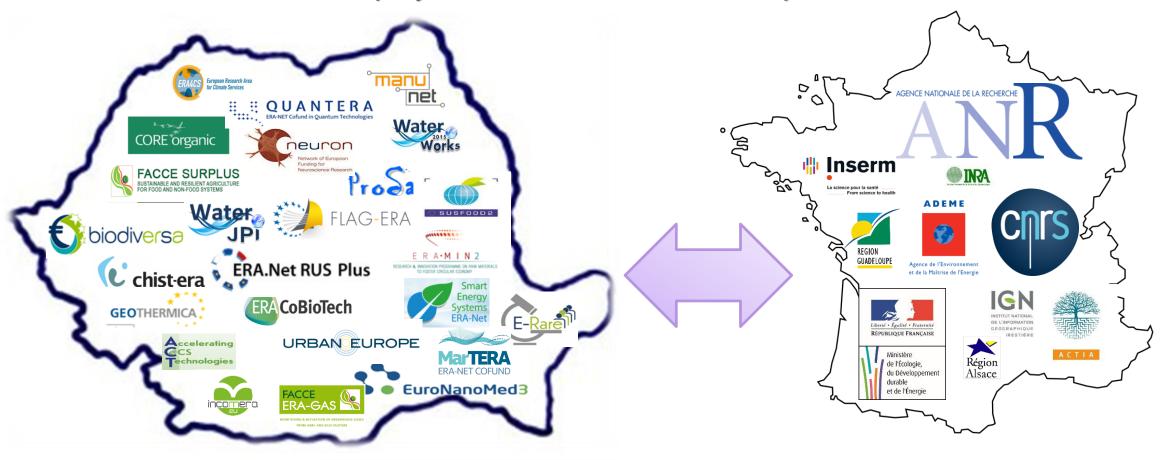






# **ERA-NET** collaboration

UEFISCDI partner with institutions from France in more than 50 ERA-NET projects – Horizon 2020 & Europe

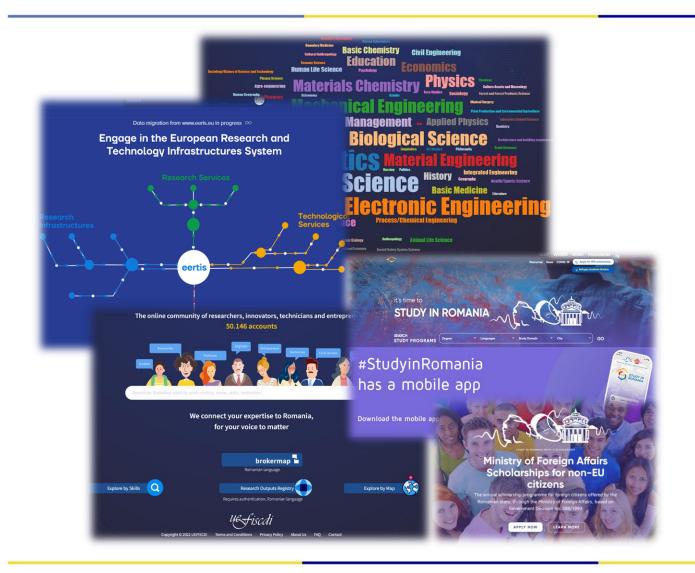








# **UEFISCDI** trademarks platforms



#### **RESEARCH & INNOVATION**

<u>uefiscdi-direct.ro</u><u>brainmap.ro</u>eertis.eu

#### **HIGHER EDUCATION**

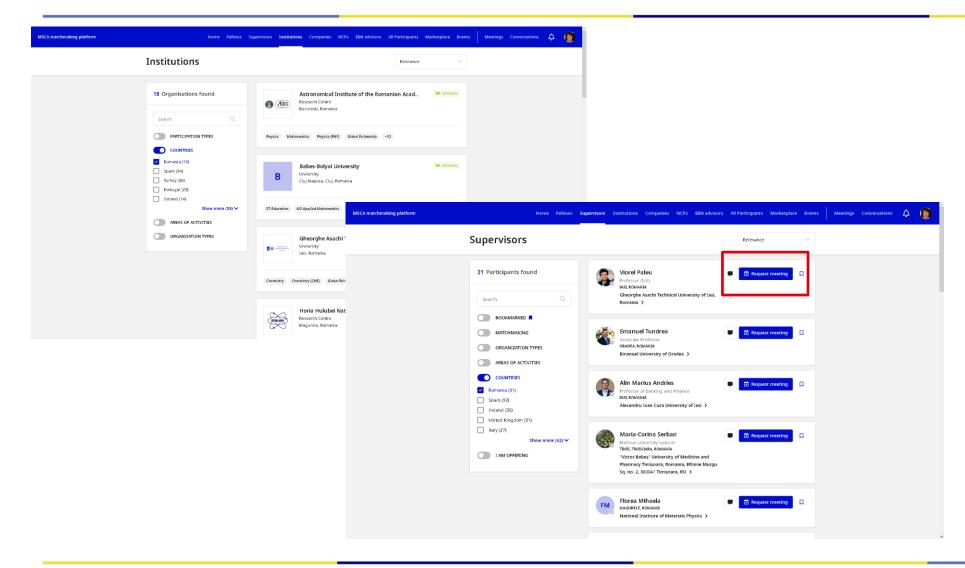
rei.gov.ro studyinromania.gov.ro scholarships.studyinromania.gov.ro







# **MSCA-NET** profiles from Romania



# HOST INSTITUTIONS IN ACADEMIC SECTOR

20 profiles

# HOST INSTITUTIONS – COMPANIES

2 profiles

#### **SUPERVISORS**

38 profiles

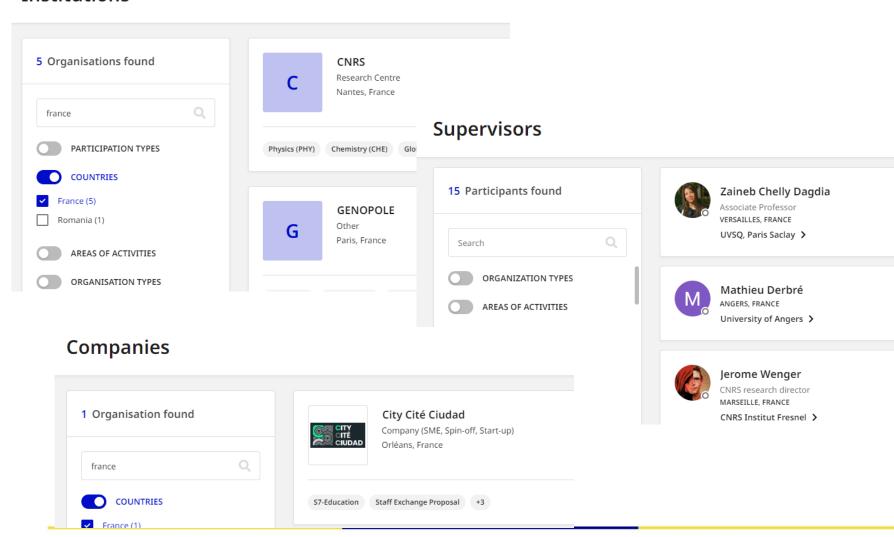






# **MSCA-NET** profiles from France

#### **Institutions**



# HOST INSTITUTIONS IN ACADEMIC SECTOR

5 profiles

# HOST INSTITUTIONS – COMPANIES

1 profile

#### **SUPERVISORS**

15 profiles







### **Available support to applicants**

- Your Host Institution. Most host institutions have dedicated support both on proposal preparation stage (coaching sessions, proofreading, proposal writing assistance etc) and on project implementation stage (reporting, feedback and assistance with project implementation, training, communication, practical aspects).
  - As soon as possible, contact the **EU Grants Office** of your future Host Institution
- The NCP. National Contact Point provide advice and resources to proposers and supervisords (guidelines, coaching sessions etc.).
  - ➤ If you have questions on the programme rules or need advice on proposal writing, you can send your questions by e-mail or ask an individual online interview with the NCP
- MSCA page on the French national platform dedicated to Horizon Europe : <a href="https://www.horizon-europe.gouv.fr/amsc">https://www.horizon-europe.gouv.fr/amsc</a>
  - Find information, resources and register for the next events organised by the NCP
- Euraxess Romania : <a href="https://www.euraxess.gov.ro/">https://www.euraxess.gov.ro/</a>
- Euraxess France https://www.euraxess.fr/information/centres/search/country/france-1104
  - > Information on visa, accomodation, health insurance and other practical aspects on life the country







# Romanian MSCA NCP Team



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# French MSCA NCP Team



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French portal dedicated to Horizon Europe : www.horizon-europe.gouv.fr

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Our LinkedIn page: <a href="https://www.linkedin.com/company/pcn-amsc-fr/">https://www.linkedin.com/company/pcn-amsc-fr/</a>