



MARCH 2022  
**Staff week**



madrimasd.org

## **Doctoral Networks**

### **Marie Skłodowska-Curie Actions**

### **Horizon Europe**

Madrid, 29th March 2022

Jesús ROJO

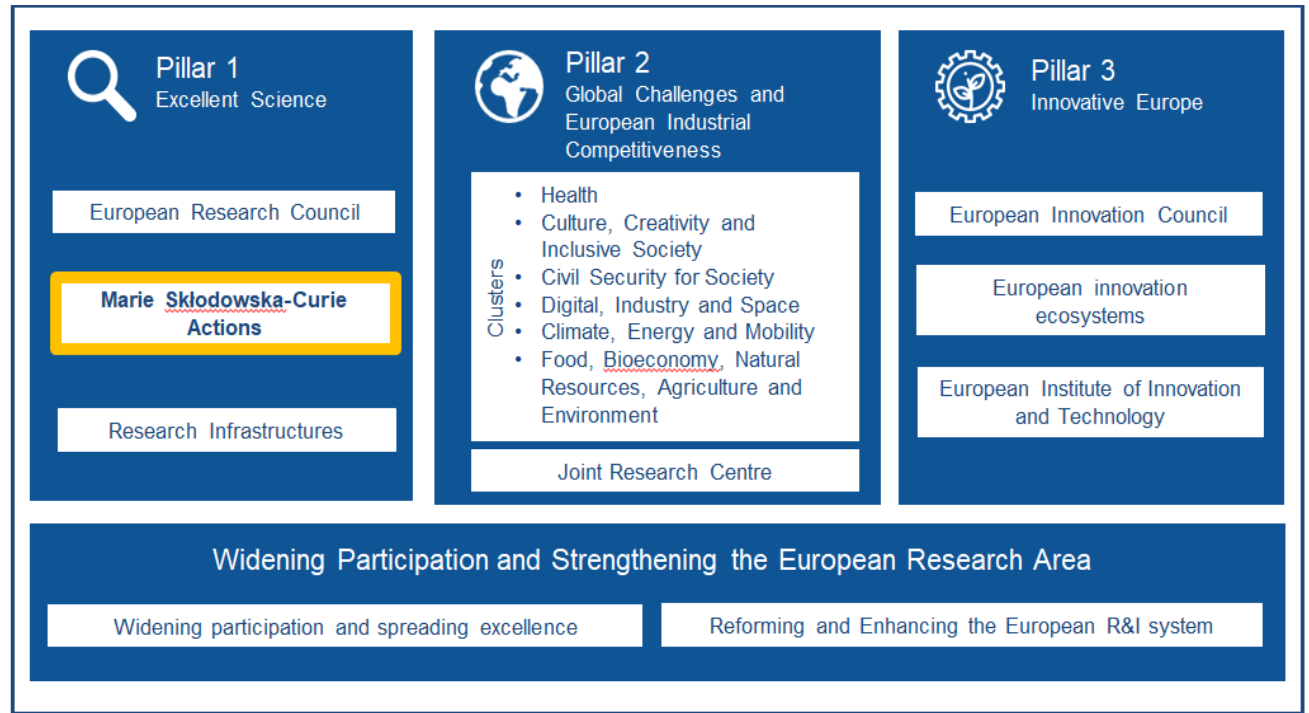
MSCA NCP Spain



# CONTENT

- MSCA General Aspects
- MSCA DOCTORAL NETWORKS
  - Features
  - Evaluation Criteria
  - Timeline
- Supporting Documentation and Services

# GENERAL ASPECTS



## GENERAL ASPECTS MSCA



- Gender friendly and inclusive
- Focus not only on dissemination, but on public outreach
- Synergies with European Policies, such as Green Deal, bridging ERA and EEA

# FROM HORIZON 2020 TO HORIZON EUROPE

## Horizon 2020

Innovative Training Networks (ITN)  
Individual Fellowships (IF)  
Research and Innovation Staff Exchanges  
COFUND  
European Researchers' Night



## Horizon Europe

Doctoral Networks (DN)  
Postdoctoral Fellowships (PF)  
Staff Exchanges (SE)  
COFUND  
MSCA and Citizens

- Streamlined actions, clearer identity
- Simpler rules
- Demand management to maintain high quality
- Guidelines on supervision <https://data.europa.eu/doi/10.2766/508311>
- MSCA Green Charter <https://data.europa.eu/doi/10.2766/720690>
- MSCA – ERASMUS+ Synergies <https://op.europa.eu/en/publication-detail/-/publication/1f4e362a-824b-11ec-8c40-01aa75ed71a1/language-en>

NEW

NEW

NEW

# MSCA DOCTORAL NETWORKS

## Main objective:

- Respond to **well-identified needs** in various R&I areas (bottom-up);
- Expose the researchers to the **academic and non-academic sectors**;
- Offer training in research-related, as well as competences relevant for **Innovation and long-term employability**;
- Focus on **Research and transferables skills**, (inter-sectoral secondments), **career development plan, supervision, internationalisation/attractiveness**



# MSCA DOCTORAL NETWORKS: MODALITIES

## Modalities

Multi-beneficiary Action to set up doctoral programmes, including

- **Industrial Doctorates:** Training in academia and industry, Joint supervision
- **Joint Doctorates:** Joint collaborations leading to a joint/multiple doctoral degree, Joint selection and supervision; pre-agreement for joint degrees required
- **Doctoral Networks (standard):** Training in academia and/or industry



# MSCA DOCTORAL NETWORKS: FEATURES

## Size

- Up to **360 person-months** (standard) + **180 additional** person-months for joint or industrial doctorates (incentive)

## Duration

- **Programme:** max. 48 months
- **Fellowship:** between 3 and 36 months
- **Secondments:** worldwide, up to 1/3 of the fellowship duration
- **Industrial doctorates:** 50% in the non-academic sector; academic and non-academic organizations jointly supervising can be in the same country





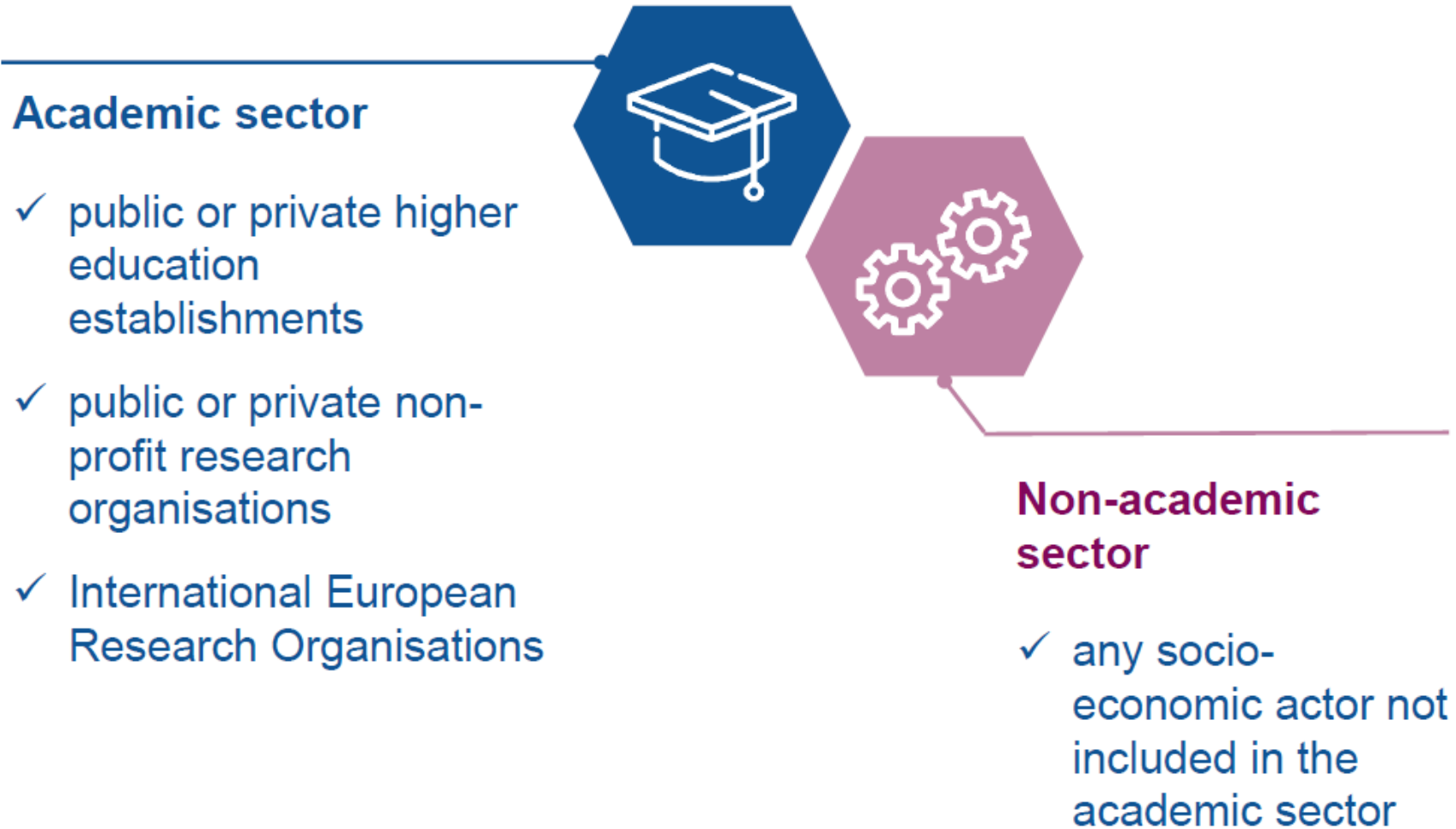
# MSCA DOCTORAL NETWORKS: Eligible participants

## Who applies?













- **Consortia** of universities, research institutions and research infrastructures, businesses including SMEs, and other socio-economic actors
- At least **three independent legal entities**, each established in a different MS or AC; minimum of 1 beneficiary from a MS (on top of this minimum, any entity from any third country can join; no minimum for associated partners)



# MSCA DOCTORAL NETWORKS: Eligible participants



## DOCTORAL NETWORKS: Beneficiaries / Associated Partners

	Beneficiaries	Associated Partners
Academic/Non-academic		
Signatories of the Grant Agreement		
Recruitment of researchers		
Training and/or hosting of seconded researchers		
Participation in Supervisory Board		
Directly claim costs		

## DOCTORAL NETWORKS: Eligible participants

- **All beneficiaries must recruit at least one doctoral candidate.** They are required to host at their premises and supervise recruited researchers, or use associated partners linked to them to do so. **Update for 2022 call, more flexibility. (TBC when the GfA is published)**
- **Not more than 40.0% of the EU contribution may be allocated to beneficiaries in the same country or to a single international organisation.**



## DOCTORAL NETWORKS: Eligible researchers

- Supported researchers must be **doctoral candidates** (not already in possession of a doctoral degree at the date of recruitment)
- Researchers must be **enrolled in a doctoral programme**, in at least 1 EU Member State/Associated Country (at least 2 for Joint Doctorates)
- **Any nationality**
- **Mobility rule:** must not have resided or carried out main activity in the country of the recruiting beneficiary for more than 12 months in the 36 months immediately before their **recruitment date**



# DOCTORAL NETWORKS

## Main differences compared to H2020-ITNs:

- **Size of Doctoral Networks:** 360 pm; Industrial Doctorates/Joint Doctorates: up to 540 pm
- **All beneficiaries must recruit** at least one researcher
- ~~No flexible recruitments anymore in EIDs and EJDs;~~
- Secondments in EID do not need to be transnational
- Fellow: **only doctoral candidates**
- Secondments: up to 1/3
- Industrial doctorates: 50% in non-academic sector
- **Resubmission restrictions** applying as of 2022 for applications receiving a score below 80%



# MSCA DN 2022: UNIT COSTS

Contributions for recruited researchers Per person-month					Institutional unit 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 contribution	Management and indirect contribution
EUR 3 400*	EUR 600	EUR 660	EUR 4 000 x % covered by the beneficiary	Requested unit x (1/number of months)	EUR 1 600	EUR 1 200

- Budget pre- calculated by EC, base on unit costs
- 100% financing
- \* country correction coefficient

# MSCA DN 2022: NOVELTIES

## Novelties of HE: new cost categories

**NEW**

A family allowance to contribute to mobility-related costs of researchers with family obligations which can be granted during the project.

**NEW**

A long-term leave allowance to cover personnel costs incurred by the beneficiaries in case of the researchers' leave, including maternity, paternity, parental, sick or special leave.

**NEW**

A special needs allowance to contribute to the additional costs for the acquisition of special needs items and services for researchers with disabilities, e.g. assistance by third persons, adaptation of work environment, additional travel/transportation costs.



## MSCA DN 2022: NOVELTIES

Novelties of HE: reviewed and new cost categories

**NEW**

**Each beneficiary must recruit each eligible doctoral candidate under an employment contract or equivalent direct contract with full social security coverage.**

**NEW**

**If a fellow has or acquires family obligations during the action duration, the family allowance must be paid to him/her as well.**

## MSCA DN 2022: CRITERIA AND EQUAL SCORES

- PART A
- PART B
  - ✓ B1 (30 pages)
  - ✓ B2

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

The priority order for **ex-aequo proposals** will be established as follows:

- Score awarded for the criterion 'Excellence'
- In case of equality, scores awarded for the criterion 'Impact'
- If a distinction still cannot be made, the panel may decide to further prioritise by considering other factors, such as:
  - *gender and other diversity aspects in the research activities*
  - *participation of the non-academic sector (including involvement of SMEs)*
  - *geographical diversity*
  - *favourable employment and working conditions*
  - *relationship to the Horizon Europe objectives, in general.*

## MSCA DN 2022: AWARD CRITERIA

EXCELLENCE	IMPACT	QUALITY AND EFFICIENCY OF THE IMPLEMENTATION
Quality and pertinence of the project's research and innovation objectives	Contribution to structuring doctoral training at European level and strengthening European innovation capacity	Quality and effectiveness of the work plan, assessment of risks, and appropriateness of the effort assigned to work packages
Soundness of the proposed methodology	Credibility of the measures to enhance the <b>career perspectives of researchers</b> and contribution to their skills development	Quality, capacity and role of each participant, including hosting arrangements and extent to which the consortium as a whole brings together the necessary expertise
Quality and credibility of the training programme	Suitability and quality of the measures to maximise expected <b>outcomes and impacts</b> , as set out in the dissemination and exploitation plan, including communication activities	
Quality of the supervision	The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts	
50%	30%	20%

# MSCA DN 2022: EVALUATION PROCESS

## No major changes compared to H2020:

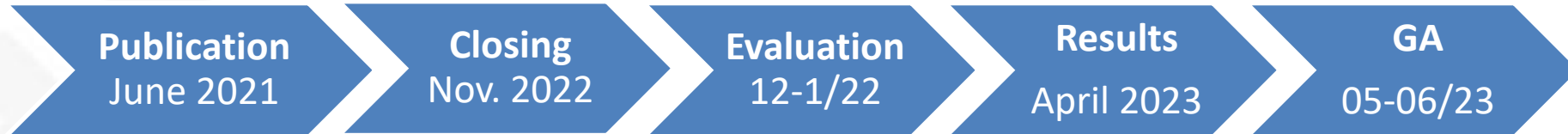
- use of external experts
- SEP platform
- Three evaluation criteria, scored out of 5, using decimals
- Overall threshold of 70% (cf. resubmissions in 2022 – 80%)

## Establishment of ranking lists NEW:

- All modes assessed and ranked together under each scientific panel no more dedicated budget for ID/JD

# MSCA DN 2022: TIMELINE

Call ID	Opens	Closes	Budget
TMA-MSCA-DN-2022	12/05/2022	15/11/2022	427,28M€



## HORIZON-MSCA-2022-DN-01-01

- 12 May 2022 ○ Launch of the call for proposals (TBC)
- 15 November 2022 ○ Deadline for applicants to submit proposals (TBC)
- April 2023 ○ Notification of applicants if their proposal has been selected
- July 2023 ○ Grant agreement signature for successful projects
- autumn 2023 ○ Coordinators Day

# MSCA DN 2021: APPLICATION STATISTICS

**1,076 PROPOSALS RECEIVED IN DN2021**

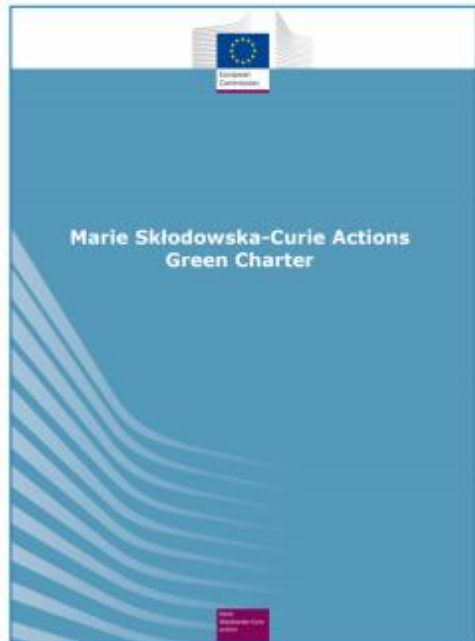
- **897 DN Standard**
- **101 Industrial Doctorates**
- **78 Joint Doctorates**

Comparison to 2020 call

CALL	DN/ETC	DN-ID / EID	DN-JD / EJD
ITN-2020	1,285	142	82
DN-2021	897	101	78
REDUCTION VS. 2020	-30%	-28%	-5%

# MSCA DN 2022: RELEVANT CONCEPTS

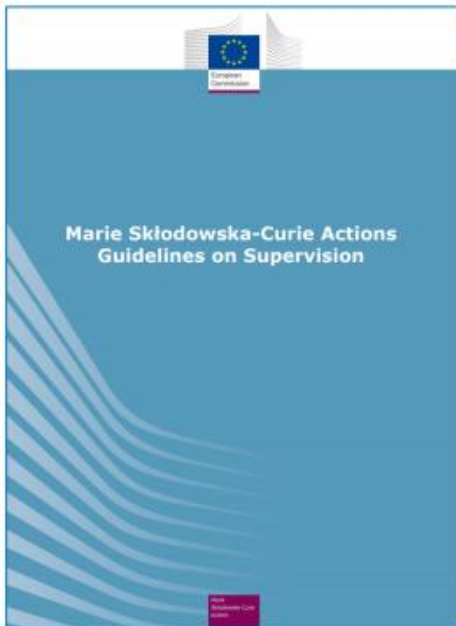
## MSCA Green Charter



- Code of good practice for MSCA recipients
- Promotes the mainstreaming of environmental considerations in all aspects of project implementation
- Aims to:
  - Reduce the carbon footprint of MSCA projects
  - Raise awareness of environmental issues
  - Promote sustainable research management best practices
- Not an evaluation criteria as such
- 4 levels:
  - 1. Researcher-related measures
  - 2. Institutional-related measures
  - 3. Consortium-related measures (for multi-beneficiary projects)
  - 4. Outreach (applicable to MSCA researchers and participating institutions)

# MSCA DN 2022: RELEVANT CONCEPTS

## Guidelines on supervision

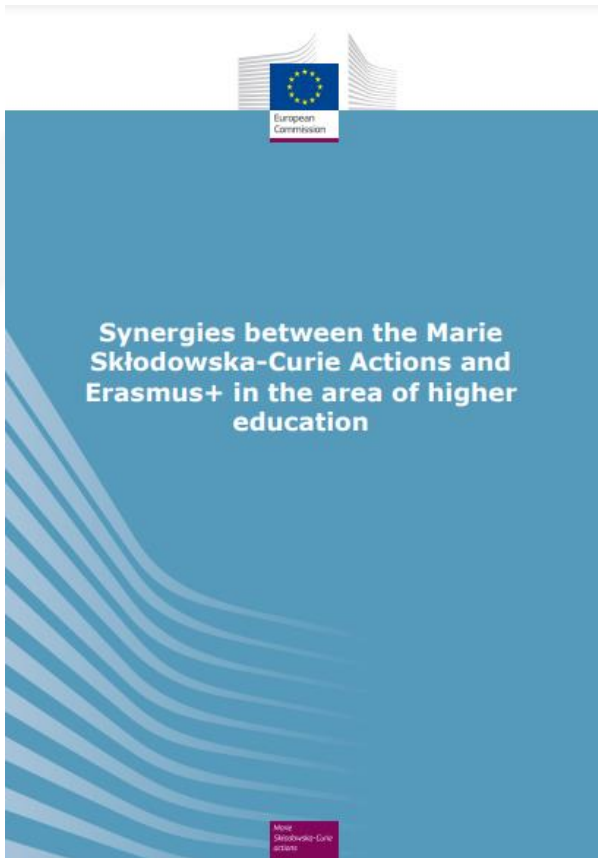


- Appropriate level of supervision depends on the career stage of both parties and the expectations of the project
- Supervisors need to be committed and involved for the full duration of the fellowship
- Make sure the supervisor is on board with the career development plans
- 4 Levels
  - **1. Role of the supervisor:** General principles and integration of the researcher, Research support, Career development, Mentoring and wellbeing of the researcher, Communication and conflict resolution
  - **2. Role of the researcher:** General principles, Research, Wellbeing, Communication and conflict resolution
  - **3. Role of institution**
  - **4. Training and professional development for supervisors**



# MSCA DN 2022: RELEVANT CONCEPTS

## Guidelines on Synergies between MSCA and Erasmus +



- Common features between the MSCA and Erasmus+
- Synergies and complementarities
  - Erasmus+ Mobility Projects for Higher Education Students and Staff
  - Erasmus Mundus Joint Masters
  - Erasmus+ Capacity Building in Higher Education
  - Erasmus+ Partnerships for Innovation
  - Erasmus+ Partnerships for Cooperation
- Examples of synergies

# MSCA DN 2022: GENERAL TIPS FOR PROPOSAL WRITING

## About the project :

- Approach properly the novelties of the call
  - Gender Dimension and diversity Aspects
  - Open Science
  - Research Data Management Plan
- Innovative Aspects of the current state of the art, existing programmes, networks.
- How your Project goes beyond the state-of-the art.
- Employability - Career Development of the Doctoral Candidates
- IMPACTS of the Project
  - Scientific
  - Economic / Technological
  - Societal



# MSCA PF 2022: GENERAL TIPS FOR PROPOSAL WRITING

## General Approach:

- It is a DOCTORAL NETWORK based on individual projects and its relationships
- Doctoral candidates the centre of the project
- National Contact Points...
- Get familiar with the Funding and Tenders ' Portal, upload a version, you will be able to rewrite it

## About the evaluation:

- The **weighting of criteria** is 50% -30% -20%. You need to perform at close to 100% on each
- **Follow the template** –the evaluators need to find all key points
- The reviewers may not be specialists in the field
- **“picture is worth a thousand words”**: use visuals to provide global information at a glance



# MSCA DN 2022: PROPOSAL SUBMISSION

## DN specificities of Part A proposal template:

- **3 submission links**, 1 per modality (standard DN, Industrial Doctorates, Joint Doctorates);
- **Associated partners** register in the tool like beneficiaries (with a validated or temporary PIC);
- **Scientific panel and keywords selection** (similar to H2020, guidance on REA website);
- **Unit-cost budget table**;

### Start submission

To access the Electronic Submission Service, please click on the submission-button next to the **type of action** and the **type of model grant agreement** that corresponds to your choice, as it cannot be changed in the submission system. Upon confirmation, you will be linked to the correct entry point.

To access existing draft proposals for this topic, please login to the Funding & Tenders Portal and select the My Proposals page of the My Area section.

Please select the type of your submission:

- HORIZON TMA MSCA Doctoral Networks [HORIZON-TMA-MSCA-DN], HORIZON Unit Grant [HORIZON-AG-UN]
- HORIZON TMA MSCA Doctoral Networks - Industrial Doctorates [HORIZON-TMA-MSCA-DN-ID], HORIZON Unit Grant [HORIZON-AG-UN]
- HORIZON TMA MSCA Doctoral Networks - Joint Doctorates [HORIZON-TMA-MSCA-DN-JD], HORIZON Unit Grant [HORIZON-AG-UN]

Start submission

# MSCA DN 2022: USEFUL LINKS

[Search Funding & Tenders \(europa.eu\)](https://europea.eu)

MSCA DN 2022

The screenshot shows the 'Funding & tender opportunities' page on the European Commission's SEDIA platform. The page title is 'MSCA Doctoral Networks 2022' with the topic ID 'HORIZON-MSCA-2022-DN-01-01'. A navigation bar includes links for 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. A warning banner indicates a technical maintenance period from Sunday 27/03/2022 from 00:01 to 05:00 (CET). The main content area is divided into a left sidebar with menu items like 'General information', 'Topic description', 'Destination', 'Conditions and documents', 'Partner search announcements', 'Submission service', 'Topic related FAQ', and 'Get support'. The main content area displays 'General information' including the programme 'Horizon Europe Framework Programme (HORIZON)', the call 'MSCA Doctoral Networks 2022 (HORIZON-MSCA-2022-DN-01)', and a table of action types and MGA types. A 'See budget overview' button is visible. At the bottom, there is a 'Go back' button and a 'Forthcoming' status label.

**MSCA Doctoral Networks 2022**  
 TOPIC ID: HORIZON-MSCA-2022-DN-01-01

**Grant**

**General information**

Programme  
**Horizon Europe Framework Programme (HORIZON)**

Call  
[MSCA Doctoral Networks 2022 \(HORIZON-MSCA-2022-DN-01\)](#) See budget overview

Type of action	Type of MGA
HORIZON-TMA-MSCA-DN HORIZON TMA MSCA Doctoral Networks	HORIZON Unit Grant [HORIZON-AG-UN] <span>Forthcoming</span>
HORIZON-TMA-MSCA-DN-ID HORIZON TMA MSCA Doctoral Networks - Industrial Doctorates	HORIZON Unit Grant [HORIZON-AG-UN]
HORIZON-TMA-MSCA-DN-JD HORIZON TMA MSCA Doctoral Networks - Joint Doctorates	HORIZON Unit Grant [HORIZON-AG-UN]

Deadline model: **single-stage** | Planned opening date: **03 May 2022** | Deadline date: **15 November 2022 17:00:00 Brussels time**

[Go back](#)

# CENTRALIZED DOCUMENTS [WWW.HORIZONTEEUROPA.ES](http://WWW.HORIZONTEEUROPA.ES)

## SUPPORTING DOCUMENTATION FOR DN

<https://www.horizonteeuropa.es/documentacion-de-apoyo-y-sesiones-informativas-convocatoria-doctoral-networks-msca-dn-2021>

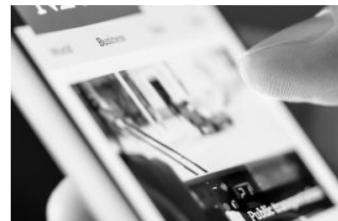
Some information is provided in english.



CIENCIA EXCELENTE DESAFÍOS MUNDIALES EUROPA INNOVADORA WIDENING+ERA MÁS EUROPA

Inicio

Documentación de apoyo y sesiones informativas - Convocatoria Doctoral Networks MSCA DN 2021



### Documentación de apoyo y sesiones informativas - Convocatoria Doctoral Networks MSCA DN 2021

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26 de Mayo de 2021

Acciones Marie Skłodowska-Curie (MSCA)

[@horizonteeuropa](https://twitter.com/horizonteeuropa)

# NEW MSCA-NET PROJECT

## Net4mobility+ Project

<http://www.net4mobilityplus.eu>

## APRIL 2022 KICK-OFF MEETING

MSCA-NET PROJECT

36 MONTHS PROJECT

## 2 MAIN OBJECTIVES:

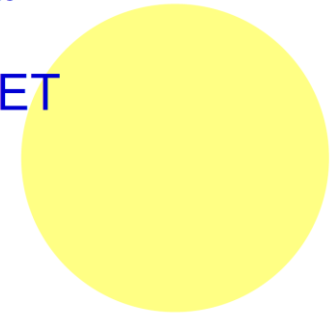
- IMPROVE, PROFESSIONALISE & HARMONISE SERVICES OF MSCA NCPs
- SIMPLIFY ACCESS OF POTENTIAL APPLICANTS TO THE HE MSCA CALLS

- MSCA-NET PORTAL – COMING SOON



NETWORK OF THE  
MARIE SKŁODOWSKA-CURIE ACTIONS  
NATIONAL CONTACT POINTS

MSCA-NET



MSCA-NET has received funding from the European Union's Research and Innovation Program Horizon Europe under the grant agreement No 101054477

 @msca-net



# SPANISH NATIONAL CONTACT POINTS



**Cristina Gómez**  
Representante  
y NCP

FECYT



**Jesús Rojo**  
NCP

Fundación  
Madri+d



**Maria Herrero**  
NCP

Agencia Estatal  
CSIC



**Xavier Eekhout**  
NCP

FECYT



[msca@fecyt.es](mailto:msca@fecyt.es)



# NCPs MSCA SUPPORT: HORIZON EUROPE



- **on-line** meetings
- **Proposal Reviews:**
  - ✓ Doctoral Networks
  - ✓ Staff Exchange
  - ✓ COFUND
  - ✓ MSCA Citizens
- Support Activities on Project management to granted COFUND Projects

# NCPs MSCA SUPPORT: HORIZON EUROPE

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp>



## National Contact Points for Horizon Europe

The network of National Contact Points (NCPs) is the main structure to provide guidance, practical information and assistance on all

### Search by

Country Group:

Select a group...

Country(ies):

Select a country...

Function(s):

Marie Skłodowska-Curie Actions

Clear

Order By:

Country

Contact

Recent

Organisation

## MSCA DN 2021: USEFUL LINKS

### Marie Skłodowska-Curie Actions Website

<https://marie-sklodowska-curie-actions.ec.europa.eu/>

### Net4mobility+ Project

<http://www.net4mobilityplus.eu>

### Euraxess Portal (vacancies, more information)

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

### MSCA NCP Directory

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp>

 [marie.curie.actions](https://www.facebook.com/marie.curie.actions)

 [@MSCActions](https://twitter.com/MSCActions)

# ¡Muchas gracias!

**Jesús ROJO**

MSCA NCP in Spain

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