

Webinario MSCA: MSCA Doctoral Networks (DN) 2021

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Área de Programas Internacionales (VRI)

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Content

- MSCA Support in Spain
- MSCA General Aspects and features
- From Horizon 2020 to Horizon Europe
- Doctoral Networks Call 2021 details
- Evaluation process and criteria
- Relevant concepts
- General tips for proposal writing
- Useful links

Puntos Nacionales de Contacto MSCA España



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Apoyo NCPs MSCA: Horizonte Europa



- Sesiones principalmente **on-line**
- **Revisión propuestas:**
 - ✓ Doctoral Networks
 - ✓ Staff Exchanges
 - ✓ COFUND
- Actividades de apoyo a **nivel de gestión** a proyectos COFUND concedidos

DN 2021: pre-screening service

Fechas:

- ✓ Apertura servicio revisión: **11/10/2021**. Cierre servicio revisión: **25/10/2021, a las 10:00**
- ✓ Envío de comentarios por parte de NCP: **máx. 2 semanas tras confirmación de aceptación revisión (8/11/2021)**.

Procedimiento:

- ✓ La solicitud de revisión deberá hacerse a través de la Oficina de Proyectos de la entidad coordinadora, **siendo la propuesta preferiblemente revisada por dicha Oficina con anterioridad al envío a I@s NCP**.
- ✓ Incluir en copia al personal coordinador científico del proyecto al hacer el envío.
- ✓ Solo se hará una revisión por proyecto.
- ✓ La elegibilidad DEBE ser previamente revisada por la Oficina de Proyectos.
- ✓ Se deberá enviar la siguiente documentación al correo msca@fecyt.es :
 - ❑ Propuesta completa en Word con formato DN 2021. Apartados B1 y B2.
 - ❑ Si se trata de un reenvío, indicadlo e incluir también el Evaluation Summary Report (ESR) del año anterior, la propuesta **debería estar preferiblemente actualizada**.

¿Quién puede solicitarla?:

- ✓ Proyectos **coordinados** por entidades españolas.
- ✓ El **presupuesto** solicitado por el conjunto de entidades españolas participantes deberá ser **superior al 25 % del total** solicitado por el consorcio en la convocatoria.
- ✓ En caso de propuestas enviadas con anterioridad, se dará prioridad a los proyectos con mayor puntuación.
- ✓ Se dará prioridad a aquellas propuestas no revisadas con anterioridad.

NOTA. Se irán aceptando revisiones en función de la demanda y los criterios establecidos, pudiendo quedar fuera del servicio aquellas propuestas que no se ajusten al perfil o excedan del volumen máximo de revisiones.

MSCA General Aspects (I)



MSCA General Aspects (II)



- 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](#)
- [MSCA Green Charter](#)

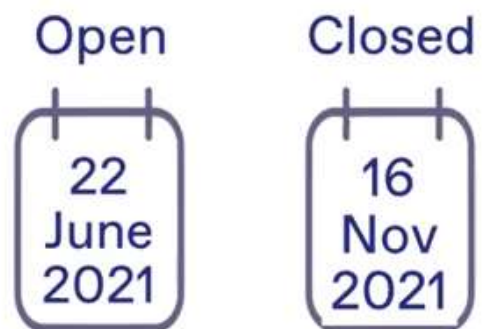


NEW

MSCA Doctoral Networks 2021: Objectives

- ✓ Networks training doctoral candidates, responding to **well-identified needs** in various R&I areas (bottom-up).
- ✓ Expose researchers to the **academic and non-academic sectors**.
- ✓ Offer research-related training, as well as competences relevant for **innovation and long-term employability**.
- ✓ Focus on **research and transferable skills**, (inter-sectoral secondments), **career development plan, supervision**.

MSCA DN 2021: Timeline



€402.95M

MSCA DN 2021: 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 DN 2021: Eligible participants (I)



EU COUNTRIES

- Member States (MS) including their outermost regions
- The Overseas Countries and Territories (OCTs) linked to the MS.



NON-EU COUNTRIES

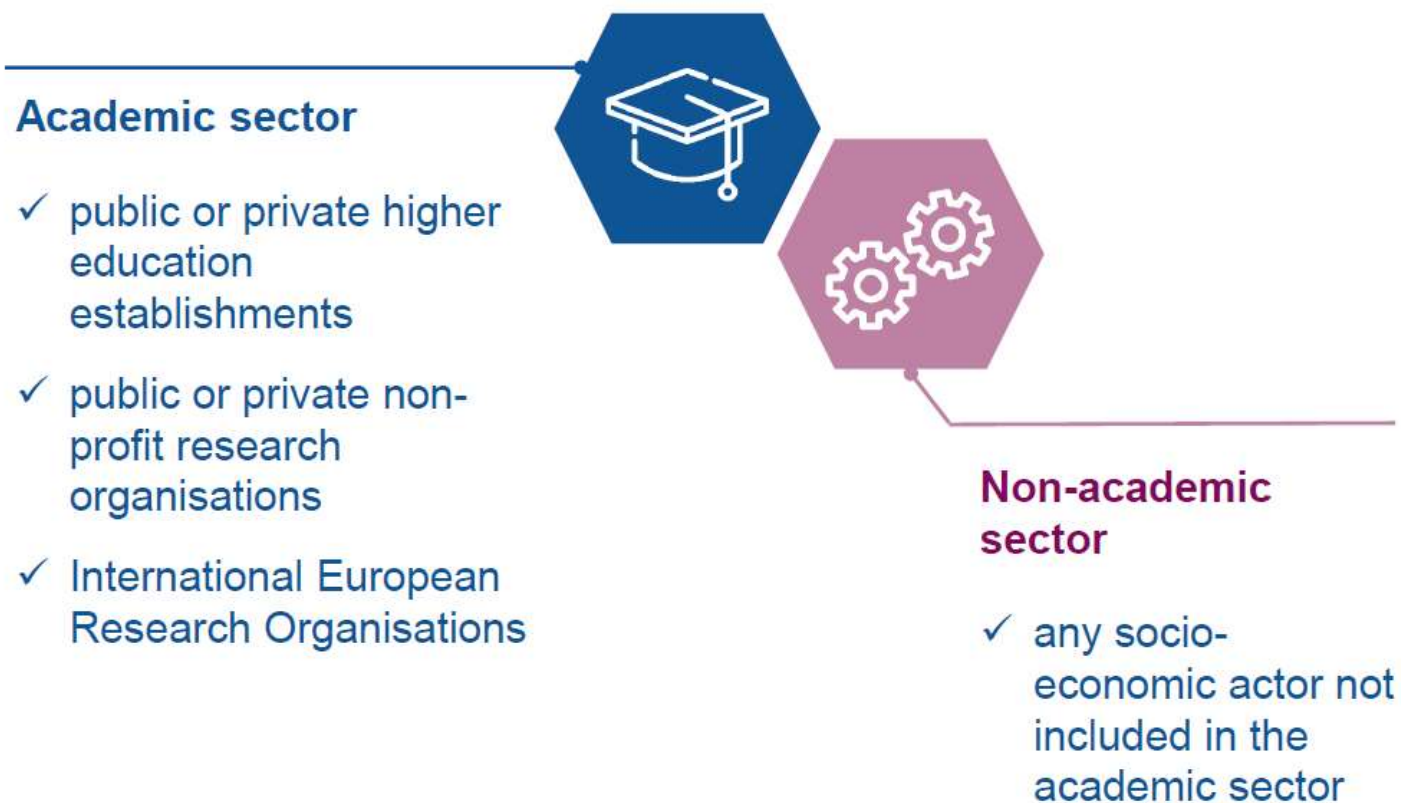
- Countries associated to Horizon Europe (AC)
- Low and middle income countries: See [HE Programme Guide](#).
- Other countries when announced in the call or exceptionally if their participation is essential



SPECIFIC CASES

- Affiliated entities established in countries eligible for funding.
- EU bodies
- International organisations (IO):
 - International European research organisations are eligible for funding.
 - Other IO are not eligible (only exceptionally if participation is essential)
 - IO in a MS or AC are eligible for funding for Training and mobility actions and when announced in the call conditions

MSCA DN 2021: Eligible participants (II)



MSCA DN 2021: How to participate

	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		

MSCA DN 2021: 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**.

MSCA DN Modalities

Multi-beneficiary Action to set up doctoral programmes, including:

- ✓ **Doctoral Networks (standard):** Training in academia and/or industry.
- ✓ **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.

Different set-ups explained in the GfA summary

MSCA DN 2021: Main features (I)

Size

- ✓ Up to 10 doctoral candidates (360 person-months) (standard)
- ✓ Additional 5 doctoral candidates (180 additional PM) for joint or industrial doctorates (incentive)

Duration

- ✓ **Programme:** max. 48 months.
- ✓ **Fellowships:** 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 organisations jointly supervising can be in the same country.

 NEW

MSCA DN 2021: Main features (II)

- ✓ **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.
- ✓ **Not more than 40.0% of the EU contribution may be allocated to beneficiaries in the same country** or to a single international organisation.



MSCA DN 2021 vs. MSCA ITN 2020

- ✓ **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.
- ✓ **Resubmission restrictions** applying as of 2022 for applications receiving a score below 80%.

MSCA DN 2021: Guide for Applicants Summary

	DN	DN-ID	DN-JD
BENEFICIARY (IES)	Minimum Number of beneficiaries	3	3
	Minimum MS or AC	3	3
	Minimum MS (beneficiaries)	1	1
	Academic sector	No restrictions	Minimum 3 entitled to award doctoral degrees; at least 2 (beneficiaries/ associated partners/ associated partners linked to a beneficiary) conferring the degree established in MS/AC.
	Non-academic sector	No restrictions	No restrictions
	Max no. of person months	360	540
	Max 40.0% budget for 1 country/international organisation	Mandatory	Mandatory
Beneficiary or associated partner/associated partner linked to a beneficiary awarding PhD	Mandatory (beneficiary or associated partner/ associated partner linked to a beneficiary)	Mandatory (beneficiary or associated partner/ associated partner linked to a beneficiary)	Mandatory for minimum 3 entities (beneficiary or associated partner/ associated partner linked to a beneficiary), of which 2 in MS/AC
Joint/double/multiple award of PhD	Optional	Optional	Mandatory
Joint/double/multiple degree – letter of pre-agreement	N/A	N/A	Mandatory
Joint supervision for researchers	Encouraged	Mandatory (from the 2 sectors)	Mandatory
Researchers enrolment in the PhD	Mandatory	Mandatory	Mandatory
Stay in non-academic sector	Encouraged	Min. 50% of fellowship duration	Encouraged
Secondments	≤ 1/3	≤ 1/3	≤ 1/3
Associated partner: Letter of Commitment	Mandatory		
Ranking lists	8 (Scientific) panels		
Budget	~€403 Million		

MSCA DN 2021: Unit Costs funding (I)

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

MSCA DN 2021: Unit Costs funding (II)

A living allowance to cover personnel costs for the employment of researchers with full social security coverage.

A mobility allowance to cover additional, private mobility-related costs, e.g. travel and accommodation costs.

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.



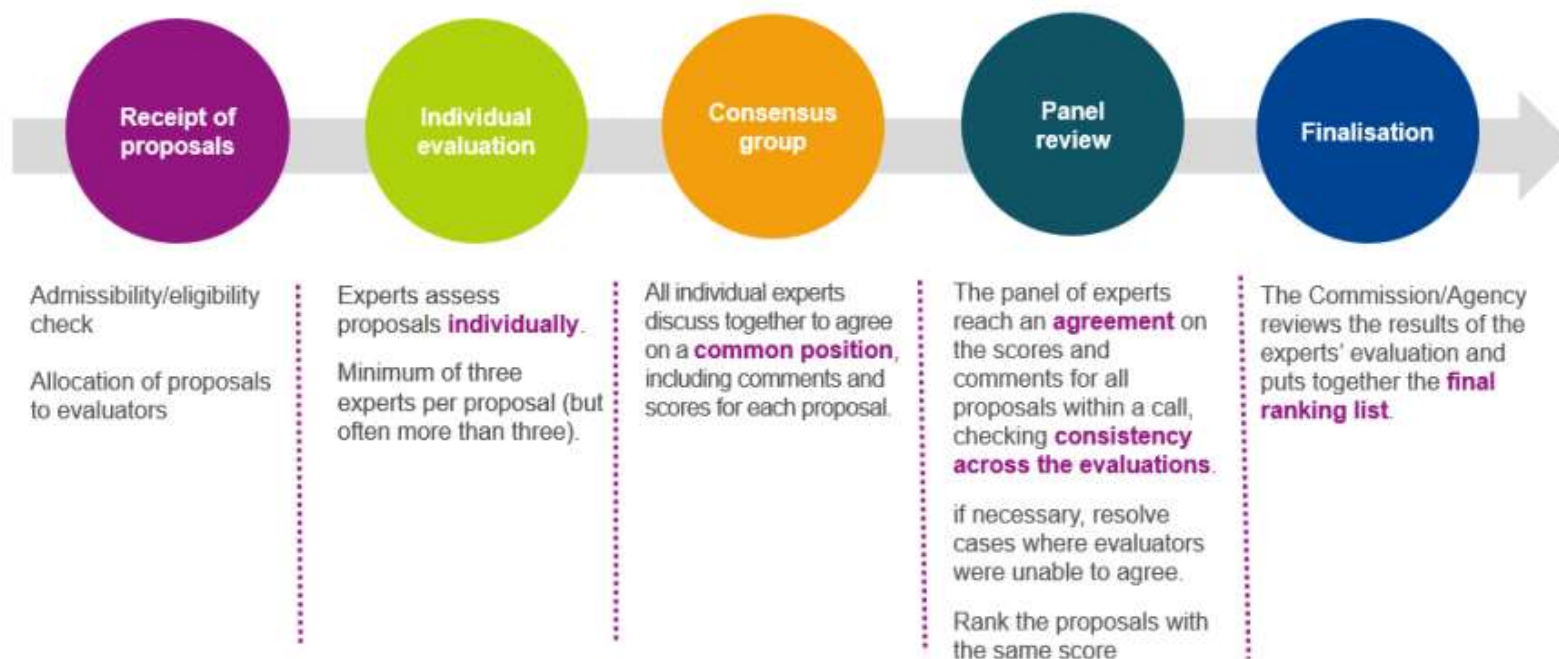
NEW

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.



NEW

MSCA DN 2021: Overview of the process



MSCA DN 2021: Award Criteria (I)

- **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:

- 1) The proposals will be prioritised according to the scores they have been awarded for the criterion 'Excellence'. When these scores are equal, priority will be based on scores for the criterion 'Impact'.
- 2) If necessary, the gender balance among the supervisors named in the proposal will be used as a factor for prioritisation.
- 3) 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, international cooperation, favourable employment and working conditions or relationship to the Horizon Europe objectives in general. These factors will be documented in the panel report.

MSCA DN 2021: Award Criteria (II)

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 career perspectives of researchers 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 <u>training programme</u>	Suitability and quality of the measures to <u>maximise</u> expected outcomes and impacts , 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 2021: Relevant concepts (I)

Responsible Research and Innovation



Open Access

- Obligation to provide open access when publishing
- "As Open as Possible, as Closed as Necessary"
- Data Management Plan (DMP) is a deliverable in the first 6 months
- Is an explicit evaluation criteria under Excellence

Gender

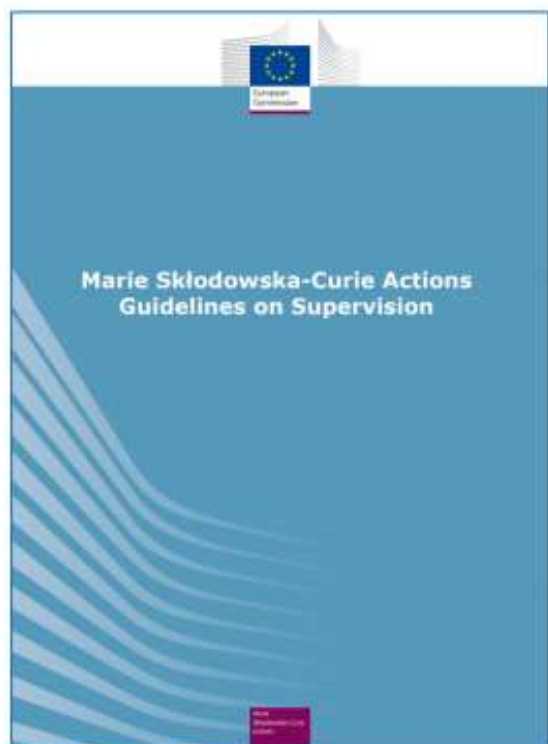
- Is an explicit evaluation criteria under Excellence
- Equal Opportunities among seconded staff and decision-makers/supervisors
- Consider whether and how the gender dimension is relevant to your research (Gender Dimension of Research)
- Consider gender dimension in project management and networking activities

Focus on 6 policies:

1. **Public engagement**
2. **Gender equality**
3. Science education
4. **Open access**
5. **Ethics**
6. Governance

MSCA DN 2021: Relevant concepts (III)

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; 2) Role of the researcher; 3) Role of institution; 4) Training and professional development for supervisors.

[Marie Skłodowska-Curie actions guidelines on supervision - Publications Office of the EU \(europa.eu\)](#)

MSCA DN 2021: General tips for proposal writing (I)

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 DN 2021: General tips for proposal writing (II)

General Approach:

- ✓ It is a DOCTORAL NETWORK based on individual projects and its relationships.
- ✓ Doctoral candidates the centre of the project.
- ✓ National Contact Points, European Projects Offices...
- ✓ 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.
- ✓ **“Una imagen vale más que mil palabras”**: use visuals to provide global information at a glance.

MSCA DN 2021: where to find the information (I)

Funding and Tenders Opportunities Portal

Horizon Europe (HORIZON)		
MSCA Doctoral Networks 2021		
TOPIC ID: HORIZON-MSCA-2021-DN-01-01		
Grants		
General information	General information	
Topic description	Programme	
Destination	Horizon Europe Framework Programme (HORIZON)	
Conditions and documents	Call	
Partner search	MSCA Doctoral Networks 2021 (HORIZON-MSCA-2021-DN-01)	
Submission service	Type of action	Type of MGA
Topic related FAQ	HORIZON-TMA-MSCA-DN HORIZON TMA MSCA Doctoral Networks	HORIZON Unit Grant [HORIZON-AG-UN]
Get support	HORIZON-TMA-MSCA-DN-ID HORIZON TMA MSCA Doctoral Networks - Industrial Doctorates	HORIZON Unit Grant [HORIZON-AG-UN]
Call updates	HORIZON-TMA-MSCA-DN-JD HORIZON TMA MSCA Doctoral Networks - Joint Doctorates	HORIZON Unit Grant [HORIZON-AG-UN]
 Go back to search results	Deadline model	Opening date
	single-stage	22 June 2021
		Deadline date
		16 November 2021 17:00:00 Brussels time

MSCA DN 2021: where to find the information (II)

Horizonte Europa Website

La documentación se actualiza a medida que tengan lugar las diferentes sesiones.

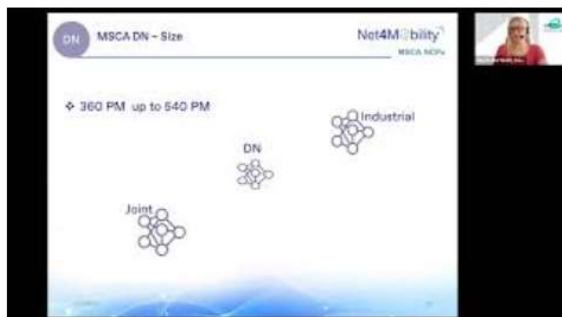
Webinario nacional 15/06/2021: aspectos generales de la convocatoria. En esta sesión se ofrece información sobre las novedades, reglas de participación, aspectos de elegibilidad y demás aspectos generales de esta primera convocatoria MSCA DN 2021 en Horizonte Europa. Se cuenta igualmente con el testimonio tanto de un coordinador de un proyecto beneficiario como de personal de gestión que apoya la preparación de propuestas en una institución española. Finalmente, se explica el apoyo que los Puntos Nacionales de Contacto ofrecen para esta convocatoria en España.

Webinario nacional 07/09/2021: aspectos prácticos para preparación de propuestas

En esta sesión se hará una breve revisión de aspectos generales pero se centrará en aspectos más prácticos relacionados con los diferentes criterios de evaluación y pautas para escribir una propuesta competitiva. Los Puntos Nacionales de Contacto de MSCA serán los encargados de impartir este seminario, con el apoyo de una evaluadora de proyectos ITN en Horizonte 2020.

Inscripción: <https://bit.ly/3g2cHaP>

 15_06_2021_Exposición aspectos generales Convocatoria DN 2021 - REA	3.12 MB
 15_06_2021_Caso de éxito ITN BioInspireSensing_UPC	421.45 KB
 15_06_2021_Ejemplo práctico apoyo institucional_UPC	1.23 MB
 15_06_2021_Exposición apoyo Puntos Nacionales de Contacto MSCA en España	1.27 MB
 15_06_2021_Agenda sesión informativa DN 2021: aspectos generales	608.97 KB
 07_09_2021_Agenda sesión informativa DN 2021: aspectos prácticos	588.41 KB
 Documento Guía del Participante MSCA DN 2021 publicado por la Comisión Europea	735.02 KB
 Formato de propuesta técnica MSCA DN 2021 publicado por la Comisión Europea	1.3 MB



Evento 05-07-2021: Webinario sobre Redes Doctorales (Doctoral Networks) DN 2021, realizado en el marco del proyecto Net4mobility+. Disponible en inglés

Nothing in life is to be feared, it is
only to be understood. Now is the
time to understand more, so that
we may fear less

¡Gracias por vuestra atención!

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