

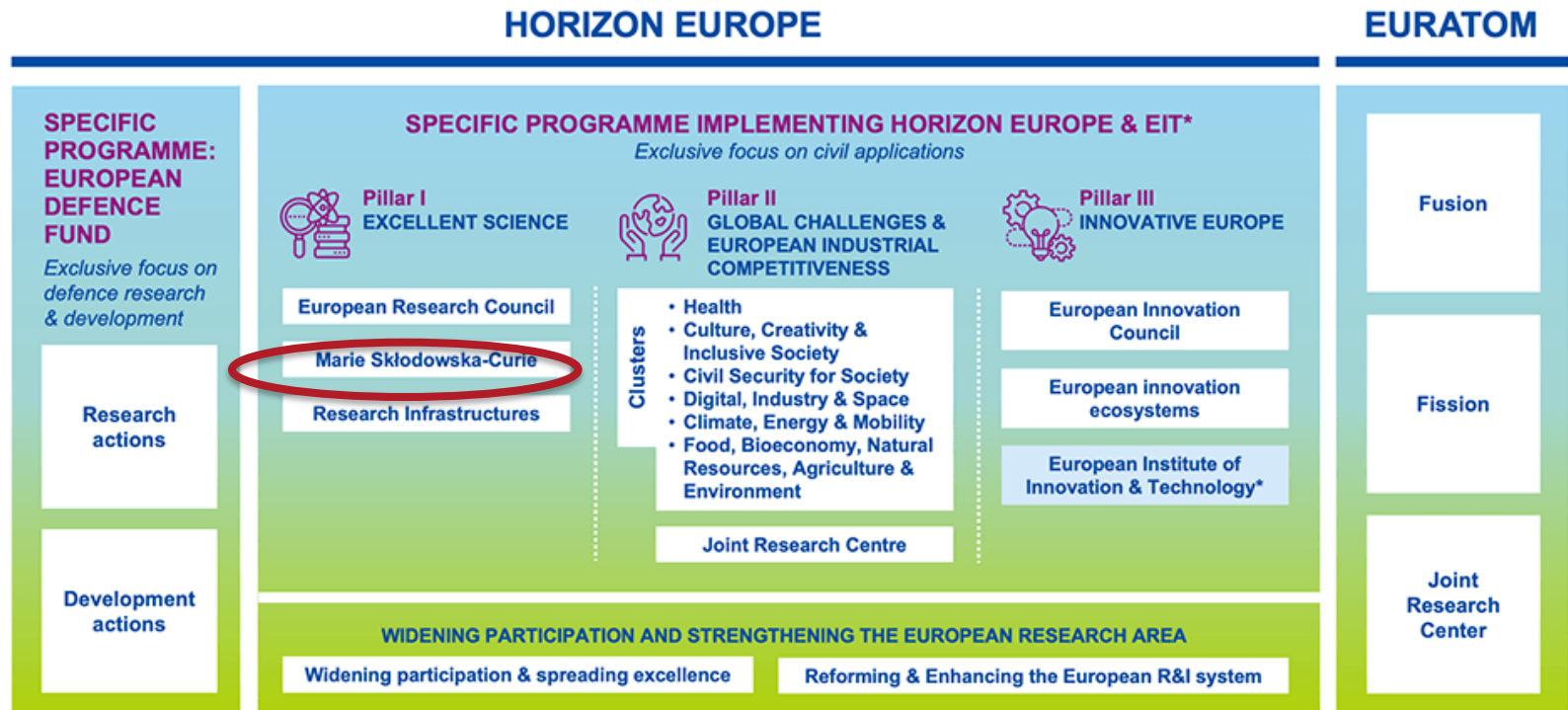
Marie Sklodowska- Curie Actions in Horizon Europe

Ενημερωτική Διαδικτυακή Εκδήλωση
“Χρηματοδοτικές ευκαιρίες στον Ορίζοντα Ευρώπη”

Πανεπιστήμιο Δυτικής Μακεδονίας
Πέμπτη, 2 Δεκεμβρίου 2021



MSCA under Horizon Europe



* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme



MSCA key figures (2014-2020)

+65,000

Researchers,
including
25,000 PhD
candidates

37%

Researchers
from outside
of the EU

6.2 billion €

Under
Horizon 2020

+1,000

Doctoral
programmes

+4,500

Companies
supported

42%

Female
researchers



MSCA key features



**Researchers'
training, skills and
career development
(all stages of career)**



**Excellent research in
all domains (bottom-
up approach)**



**International,
cross-sectoral &
interdisciplinary
mobility**



**Attractive working and
employment
conditions**



**Structuring impact on
organisations through
excellent programmes**



**Strong collaboration
with industry and
SMEs**



MSCA Actions

Doctoral Networks

*Doctoral programmes
in and outside
academia incl. joint &
industrial doctorates*

Postdoctoral Fellowships

*Support to excellent
postdoctoral
researchers*

Staff Exchanges

*Support for research
and innovation staff
exchanges*

COFUND

*Co-funding doctoral
and postdoctoral
programmes*

MSCA and Citizens

*Public outreach
events (Night)*



MSCA Actions in H2020 and Horizon Europe

H2020

ITN, Innovative Training Networks

IF, Individual Fellowships

RISE, Research and Innovation Staff Exchange

COFUND, Co-finances of regional, national and international programmes

NIGHT, Researchers ' Night

Horizon Europe

- **Doctoral Networks (DN):** Doctoral programmes in and outside academia incl. joint & industrial doctorates

- **Postdoctoral Fellowships (PF):** Support to excellent postdoctoral researchers

- **Staff Exchanges (SE):** support to research and innovation staff exchanges

- **COFUND:** co-funding doctoral and postdoctoral programmes

- **MSCA and Citizens:** Public outreach events (Night)



MSCA in Horizon Europe



MSCA in Horizon Europe

Principles and novelties

- › **Streamlined actions**, clearer identity
- › **Simpler rules**, harmonised conditions
- › Demand management to maintain **high quality**
- › Reinforced **synergies** within Horizon Europe and with other EU funding programmes
- › **New guidelines on supervision** to ensure that researchers are adequately supervised
- › Towards “**greener MSCA**” to promote sustainable behaviors and policies, support policy and decision making, through **MSCA Green Charter, Green Deal thematic clustering events**



MSCA in Horizon Europe

More gender friendly and inclusive MSCA

- › Horizon 2020: 41% of female fellows (**from 38% in RISE to 44% in ITN**)
- › In line with the Charter and Code, **all MSCA projects are encouraged to embrace diversity**
- › In the interest of **non-discrimination and equal opportunities**
- ✓ **Family allowances** will be accessible to all, even if their parental status changes during the duration of the project
- ✓ **Long-term leave allowance** in case of the researchers' leave, including maternity, paternity, parental, sick or special leave
- ✓ **Broader definition of family** to ensure full access to these allowances (recognised LGBTI+ couples)



MSCA in Horizon Europe

Academia & Non-academia collaboration

- › Contribution to the **European Research Area (ERA)** and **European Education Area (EEA)**
- › Encourage **inter-sectoral exposure** through incentives
- › With the aim to develop transferable skills (e.g. innovation, entrepreneurship) leading to improved employability and career prospects **within and outside academia**

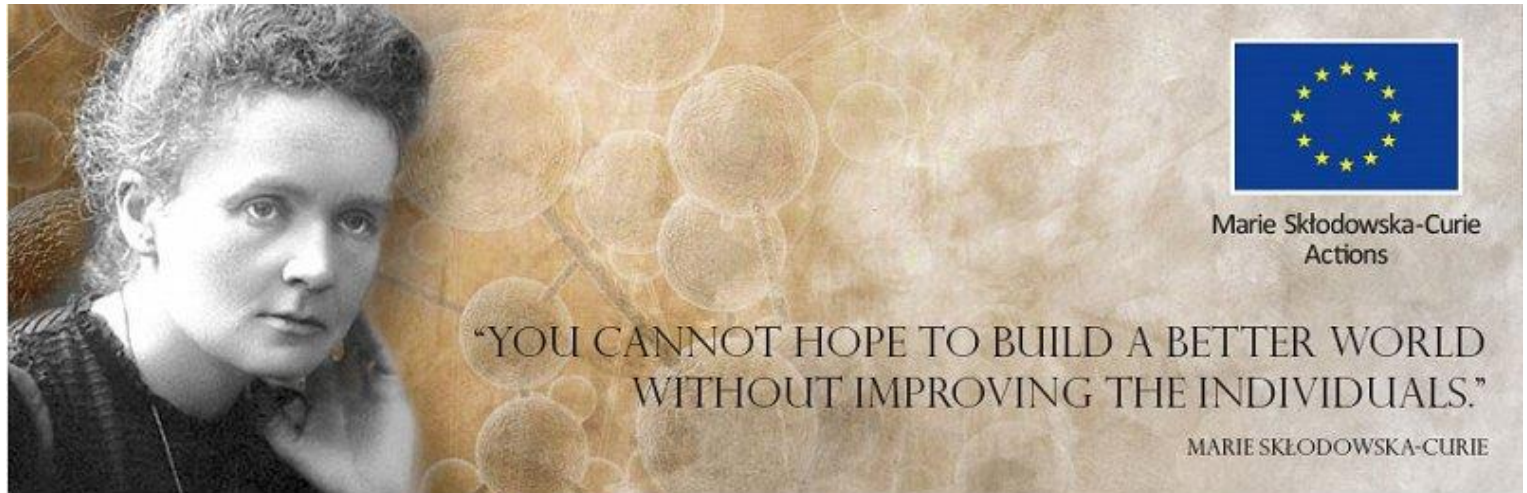
Incentives:

- ✓ **Industrial Doctorates**: max 540 person-months instead of 360 for standard doctoral networks; academic and non-academic organisations jointly supervising can be in the same country
- ✓ **Postdoctoral Fellowships**: incentive: additional 6 months for placements in the non-academic sector at the end of the project



MSCA in Horizon Europe

MSCA Doctoral Networks





MSCA Doctoral Networks

Key features

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

Respond to well-identified needs in **various R&I areas (bottom-up)**, expose the researchers to the **academic and non-academic sectors**, and offer training in research- related, as well as competences relevant for **innovation** and **long-term employability**

Focus on **research and transferable skills**, (inter- sectoral secondments), **career development plan, supervision, internationalisation.**



MSCA Doctoral Networks

Modes & Budget (DN 2021 call)



All 3 modes compete within the same scientific panels

Total Budget: 402,95 million €



MSCA Doctoral Networks

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)

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 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		



MSCA Doctoral Networks

- › 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** immediately **before their recruitment date**



MSCA Doctoral Networks

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 organisations jointly supervising can be in the same country

Size

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

Calls

- ✓ **2021: 22 June - 16 Nov** ; 402.95M€
- ✓ **2022: 3 May - 15 Nov** ; 427.28M€
- ✓ **Resubmission restrictions** applying as of **2022** for applications receiving a score below 80%



MSCA Doctoral Networks

Call closure results

1 076 proposals received

- 897 DN standard
- 101 Industrial doctorates
- 78 Joint doctorates

Comparison to 2020 call:

Call	DN/ETN	DN-ID/EID	DN-JD/EJD
ITN-2020	1285	142	82
DN-2021	897	101	78
Reduction vs. 2020	-30%	-28%	-5%



MSCA Doctoral Networks

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 ¹ x (1/number of months)	EUR 1 600	EUR 1 200



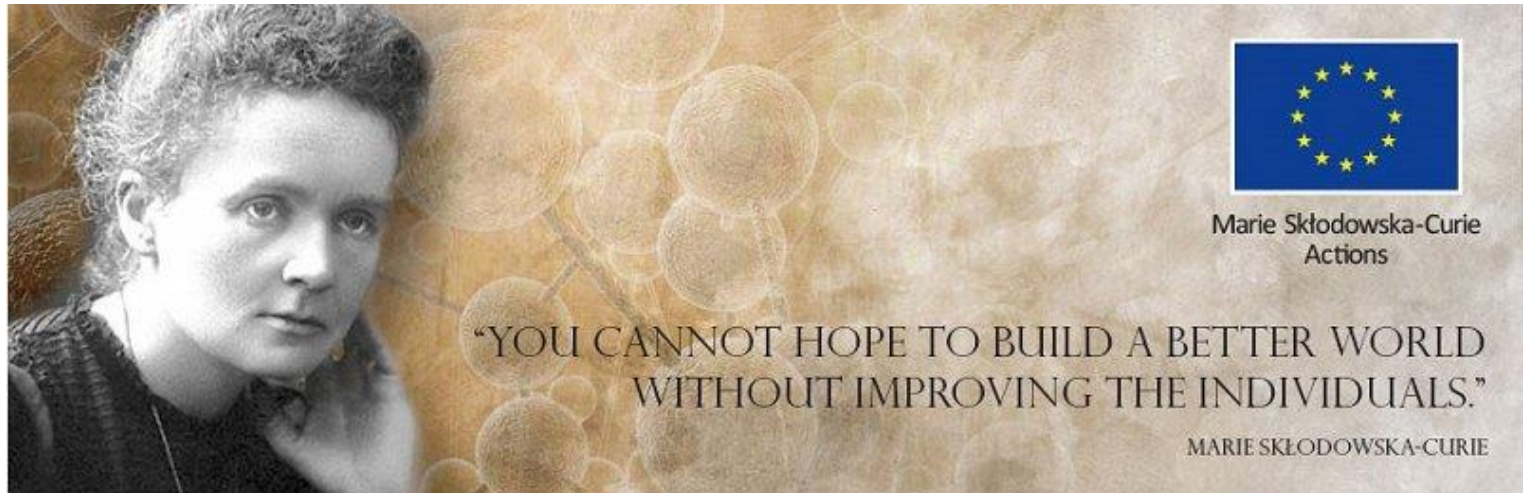
MSCA Doctoral Networks

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 training programme	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 of the supervision	The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts	
50%	30%	20%



MSCA in Horizon Europe

MSCA Staff Exchanges





MSCA Staff Exchanges

- International, inter-sectoral and interdisciplinary mobility of R&I staff (“secondments”)
- Knowledge transfer between participating organisations
- Collaboration between the academic and non-academic sectors (including SMEs)
- Cooperation across the globe

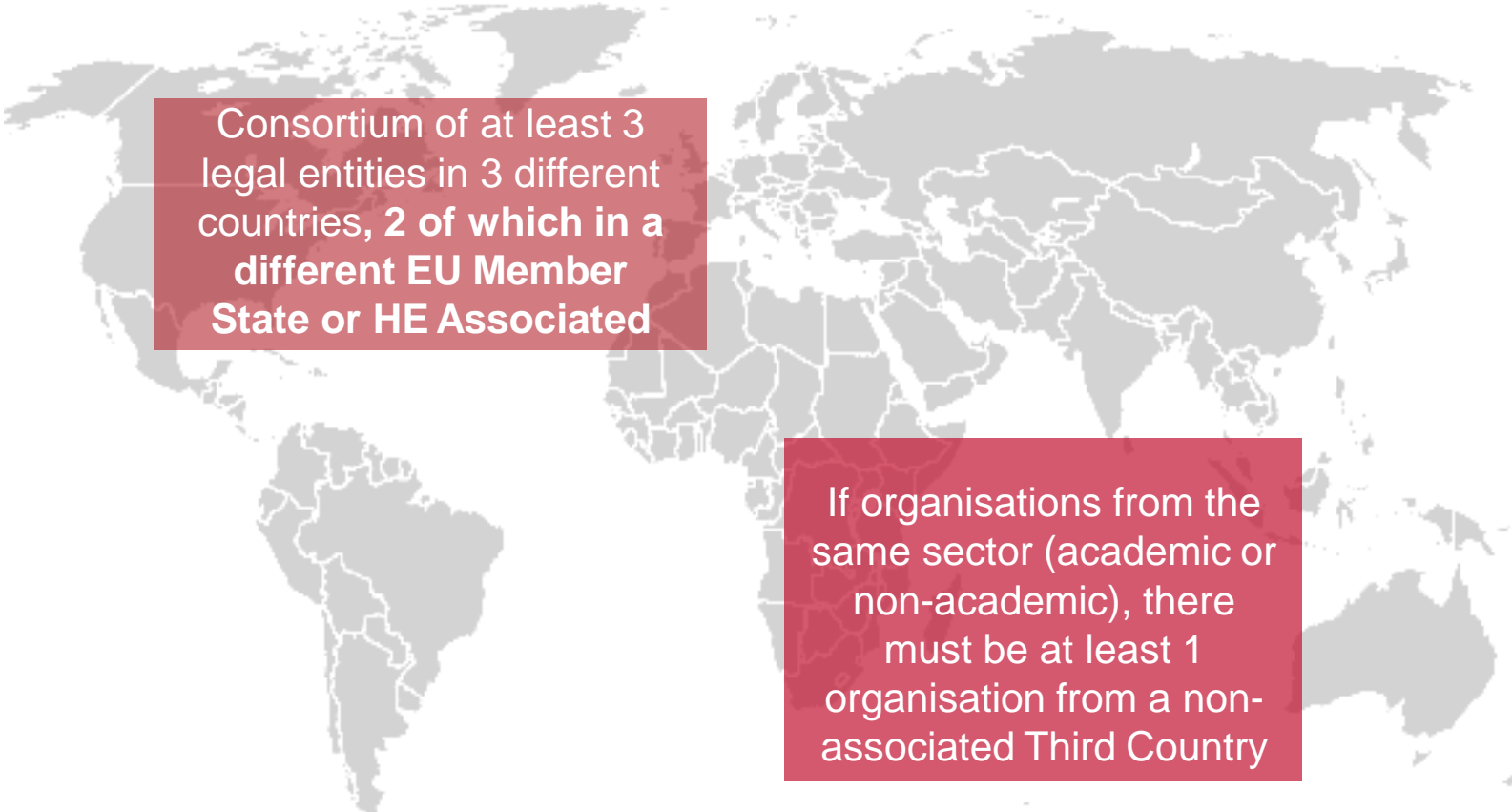


MSCA Staff Exchanges

- Implementation of a joint R&I project by seconding and/or hosting eligible staff members
- Three dimensions of mobility: inter-sectoral, international and interdisciplinary
- Networking activities, organisation of workshops and conferences
- New skills acquisition and career development perspectives



MSCA Staff Exchanges

A light gray world map is centered in the background of the slide, showing the outlines of continents and countries.

Consortium of at least 3 legal entities in 3 different countries, **2 of which in a different EU Member State or HE Associated**

If organisations from the same sector (academic or non-academic), there must be at least 1 organisation from a non-associated Third Country



MSCA Staff Exchanges



Any type of staff
contributing to R&I activities
(researchers, administrative
staff, managerial staff,
technical staff)

Each staff member is
seconded for a period of
1 to 12 months (may be
split into several stays)

**Researchers at any career
stage** (from doctoral
candidates to postdoctoral
researchers)

Staff needs to be
devoted full-time to the
action during the
secondment

Actively engaged in research
and/or innovation activities for
at least **1 month prior** at the
sending institution

After the secondment,
staff should return to
their sending institution



MSCA Staff Exchanges

› Duration

- ✓ **4 years** for project implementation
- ✓ Maximum 360 person-months per project (**novelty**)
- ✓ **Secondments**: 1-12 months per staff
- ✓ **Interdisciplinary secondments** in the **same sector** possible within Europe (max 1/3 of project's person-months) (**novelty**)

› Calls

- ✓ 2021: 7 Oct 2021 – 9 March 2022 ; 72.5 M€
- ✓ 2022: 6 Oct 2022 – 8 March 2023 ; 77.5 M€



MSCA Staff Exchanges

Contributions for seconded staff members

Per person-month

Top-up allowance

EUR 2 300

Special needs allowance
(if applicable)

Requested unit¹
x
(1/number of months)

Institutional unit contributions

Per person-month

Research, training and networking contribution

EUR 1 300

Management and indirect contribution

EUR 1 000

Top-up allowance: travel, accommodation and subsistence costs

Research, training: training, transfer of knowledge, networking activities and research expenses

Management and indirect contribution: beneficiary's additional costs



Participating organisations are expected to continue paying the salary of the staff during the secondment

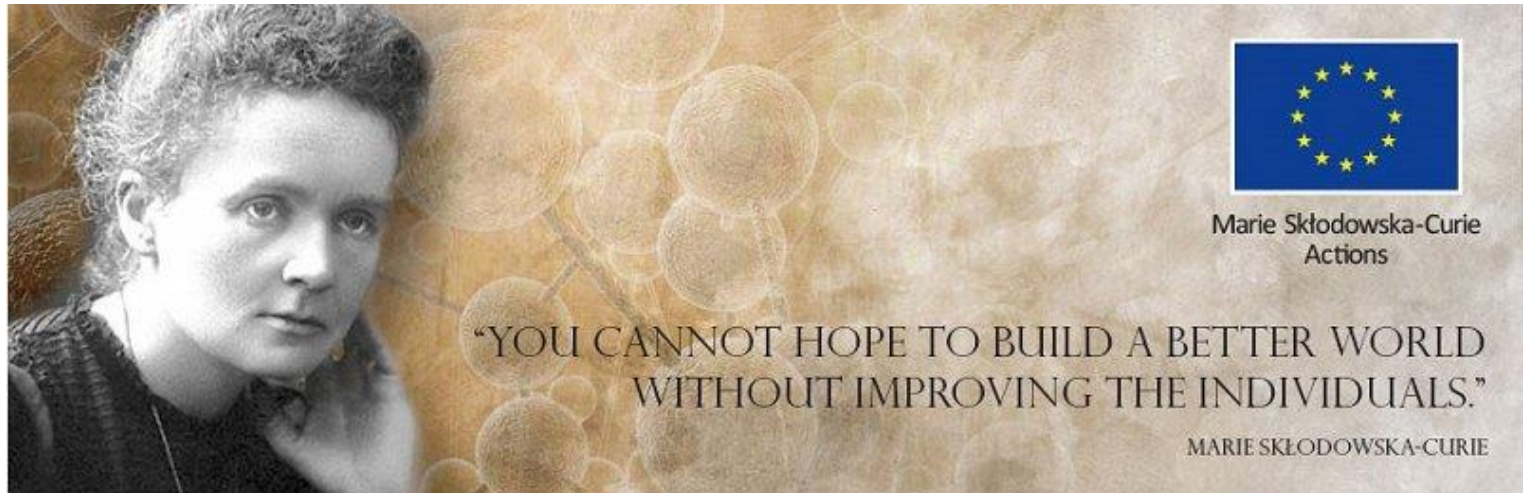
MSCA Staff Exchanges

Excellence	Impact	Quality and efficiency of the implementation
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)	Developing new and lasting research collaborations , achieving transfer of knowledge between participating organisations and contributing to improving research and innovation potential at the European and global level	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 i3 approaches, consideration of the gender dimension and other diversity aspects, and the quality of open science practices)	Credibility of the measures to enhance the career perspectives of staff members 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 of the proposed interaction between the participating organisations in light of the research and innovation objectives	Suitability and quality of the measures to maximise expected outcomes and impacts , as set out in the dissemination and exploitation plan, including communication activities The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts	
50%	30%	20%



MSCA in Horizon Europe

MSCA COFUND





MSCA COFUND

- › **Mono-beneficiary action to co-fund** new or existing national, regional, institutional schemes for **doctoral training** and **postdoctoral fellowships**

Focus:

- › Spread **best practices** of the MSCA by promoting high standards in the recruitment process and excellent working conditions
- › Introduce **sustainable structuring effects**, by promoting excellent and sustainable research training, **international, inter- sectoral and interdisciplinary cooperation and mobility**
- › Encourage **synergies** with **Cohesion policy funds** as well as the Recovery and Resilience Facility. Programmes could focus on specific disciplines, notably when based on RIS3



MSCA COFUND

Target groups:

- › **Doctoral candidates**, i.e. researchers without a doctoral degree at the deadline of the co-funded programme's call; mandatory enrolment in a doctoral programme
- › **Postdoctoral researchers**, i.e. researchers with a doctoral degree at the deadline of the co-funded programme's call

Who applies?

- › **Single legal entity** established in an **EU Member State or HE Associated country**.
- › A **minimum of three researchers** must be recruited.

Career Development Plan

- › To be jointly established by the supervisor and each recruited researcher upon recruitment. Revised (and updated where needed) within 18 months.



MSCA COFUND

Co-funding:

- › Max **10 M€** per beneficiary per call (unchanged)
- › The EU contribution covers **minimum remuneration** (70% living + mobility allowance) and can be used more **flexibly**

Duration

- › **Programme**: max. 60 months (unchanged)
- › **Fellowship**: min 3 months
- › **Secondments**: up to 1/3 of the fellowship duration

Introduction of an **MSCA Cofund Seal of Excellence** for applications scoring $\geq 85\%$

Calls

- › **2021**: 12 Oct 2021 – 10 Feb 2022 (tentative); 89 M€
- › **2022**: 11 Oct 2022 – 9 Feb 2023 (tentative); 95 M€



MSCA COFUND

Contributions for recruited researchers and institutional contributions

Per person-month

	COFUND allowance	Long-term leave allowance (if applicable)	Special needs allowance (if applicable)
Doctoral Programmes	EUR 2 800	EUR 2 800 x % covered by the beneficiary	Requested unit ¹ x (1/number of months)
Postdoctoral Programmes	EUR 3 980	EUR 3 980 x % covered by the beneficiary	Requested unit ¹ x (1/number of months)

Minimum remuneration applies:

EUR 2 800 for Doctoral researcher, EUR 3 980 for Postdoctoral researcher



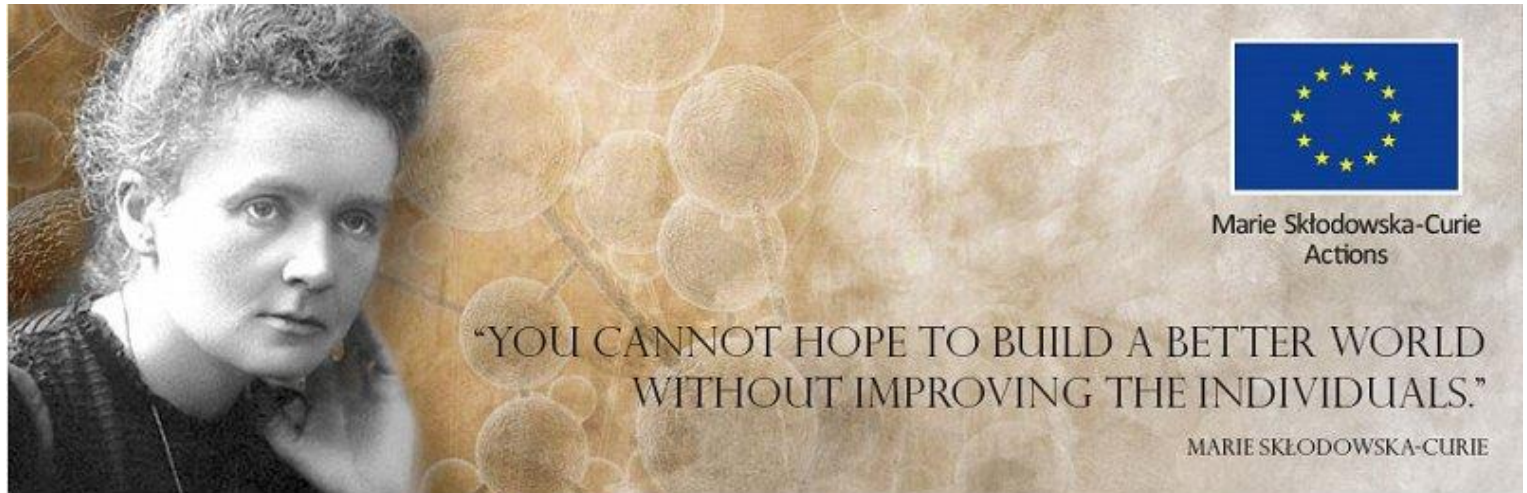
MSCA COFUND

Excellence	Impact	Quality and efficiency of the implementation
Quality and novelty of the selection / recruitment process for the researchers (transparency, composition and organisation of selection committees, evaluation criteria, equal opportunities, the gender dimension and other diversity aspects) and quality and attractiveness of the appointment conditions, including competitiveness of the salary for the standards of the hosting countries	Strengthening human resources good practices at institutional, regional, national or international level, in particular through aligning the practices of participating organisations with the principles set out by the EU for human resources development in research and innovation	Quality and effectiveness of the work plan, management structures , assessment of risks and appropriateness of the effort assigned to work packages
Quality and novelty of the research options offered by the programme in terms of science, interdisciplinarity, inter-sectorality and level of transnational mobility. Quality of open science practices	Credibility of the proposed measures to enhance the career perspectives and employability of researchers and contribution to their skills development	Quality and capacity of the host institution(s) and participating organisations (where appropriate), including hosting arrangements and extent to which they bring together the necessary expertise to successfully implement the research training programme
Quality, novelty and pertinence of the research training programme (including transferable skills, inter/multidisciplinary, inter-sectoral and gender as well as other diversity aspects)	Suitability and quality of the measures to maximise the expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities	
Quality, novelty and pertinence of the supervision, career guidance and career development arrangements		
50%	30%	20%



MSCA in Horizon Europe

MSCA Postdoctoral Fellowships





MSCA Postdoctoral Fellowships

Activities:

- › **Mono-beneficiary action** to support post-doctoral research and careers with:
 - ✓ **European Postdoctoral Fellowships:** coming to Europe from any country in the world or moving within Europe
 - No separate panels** – mainstreamed incentives– novelty
 - ✓ **Global Postdoctoral Fellowships** outside EU Member States and Horizon Europe AC.
- › Focus on **i3 (international, inter-sectoral, interdisciplinary) mobility**
- › **Widening activities: “ERA Fellowships”** will be aligned with the MSCA Postdoctoral Fellowships call



MSCA Postdoctoral Fellowships

Who applies? Participating Organisations* :

- › Legal entity in an **EU Member State or HE Associated country**

Recruited Researchers- Target Groups:

- › **any nationality** (Global Fellowships: nationals or long-term residents of MS or HE AC) *
- › **in possession of PhD** at the call deadline – **novelty**
- › up to 8 years research experience after PhD (with exceptions= career breaks, work outside research, research outside Europe for reintegrating researchers) – **novelty**
- › **mobility rule**: not resided /main activity in the country of the beneficiary (or host organization for GF) more than 12 in the 36 months before call deadline



MSCA Postdoctoral Fellowships

Duration

- › European Fellowships: 12-24 months
- › Global Fellowships: 24-36 months (12-24 outgoing phase & 12 months mandatory return phase in Europe)
- ✓ **Secondments worldwide** up to 1/3 of the fellowship duration– **(novelty: worldwide secondments)**
- ✓ **Optional additional placement of up to 6 months in a non- academic European organization (novelty)** at the end of the fellowship applicable to both European and Global PF

Calls

- › 2021: 22 June – 12 Oct (tentative); 242 M€ [+indicative EUR 1 million for Euratom]
- › 2022: 13 Apr – 14 Sept (tentative); 257 M€ [+indicative EUR 1 million for Euratom]
- › **Resubmission** restrictions applying as of 2022 for **applications receiving a score below 70%**



MSCA Postdoctoral Fellowships

8 356 proposals received

- 7519 European Fellowships
- 837 Global Fellowships

Comparison to 2020 call:

Call	European	Global
IF-2020	10576	997
PF-2021	7519	837
Reduction	-28,91%	-16,05%



MSCA Postdoctoral Fellowships

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 5 080	EUR 600	EUR 660	EUR 5 680 x % covered by the beneficiary	Requested unit ¹ x (1/number of months)	EUR 1 000	EUR 650

* A country correction coefficient applies to the living allowance in order to ensure equal treatment and purchasing power parity for all researchers



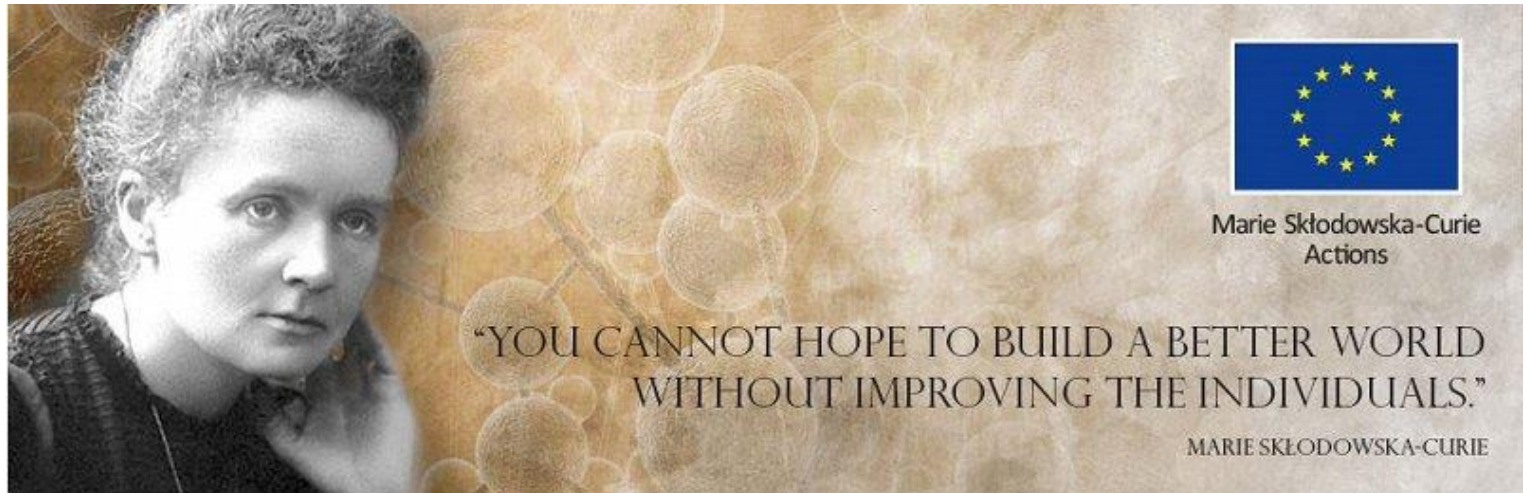
MSCA Postdoctoral Fellowships

Excellence	Impact	Quality and efficiency of the implementation
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		
50%	30%	20%



MSCA in Horizon Europe

MSCA and Citizens





MSCA and Citizens

- ✓ **Coordination and Support Action** to bring research and researchers closer to the public at large, through the organisation of the **European Researchers' Night**
- ✓ **Target group:** general public, pupils, families, students

Focus:

- › Enhance **engagement with citizens** on R&I
- › Increase awareness among the general public of the **importance and benefits of R&I** and its concrete impact on citizens' daily life
- › Raise **young people's interest for research** and science
- › Improves **researchers' communication skills** and competences





MSCA and Citizens

Who applies?

- › **One or more legal entities** established in an EU Member State or HE Associated country

EU Contribution

- › Lump-sum contributions
- › Contribution estimated **between 50-150k€** per annual edition of the European Researchers' Night

Duration

- › The call 2022 covers two successive editions (2022-2023)
- › Applicants encouraged to submit proposals covering two successive editions (2022/2023) of the NIGHT

Call

- › **2021**: 22 Jun – 7 Oct (tentative); 15 M€



MSCA and Citizens

Call closure results

111 Proposals received

- Requested funding (in eligible proposals): 30,5 million Euro
- Available budget 15,5 million Euro



MSCA and Citizens

Coordination and support actions (CSA)

Clarity and pertinence of the **project's objectives**.

Quality of the proposed **coordination and/or support measures** including soundness of methodology.

Credibility of the **pathways to achieve the expected outcomes and impacts specified** in the work programme, and the likely scale and significance of the contributions due to the project.

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 effectiveness of the **work plan**, assessment of risks, and appropriateness of the effort assigned to work packages, and the resources overall.

Capacity and role of each participant, and extent to which the consortium as a whole brings together the necessary expertise.



Call Calendar

Year	Action	Estimated opening*	Estimated deadline*
2021	Doctoral Networks	22 June 2021	16 November 2021
	Postdoctoral Fellowships	22 June 2021	12 October 2021
	Staff Exchanges	7 October 2021	9 March 2022
	COFUND	12 October 2021	10 February 2022
	MSCA and Citizens (covers 2 editions)	22 June 2021	7 October 2021
2022	Doctoral Networks	3 May 2022	15 November 2022
	Postdoctoral Fellowships	13 April 2022	14 September 2022
	Staff Exchanges	6 October 2022	8 March 2023
	COFUND	11 October 2022	9 February 2023
	MSCA and Citizens	No call foreseen in 2022	

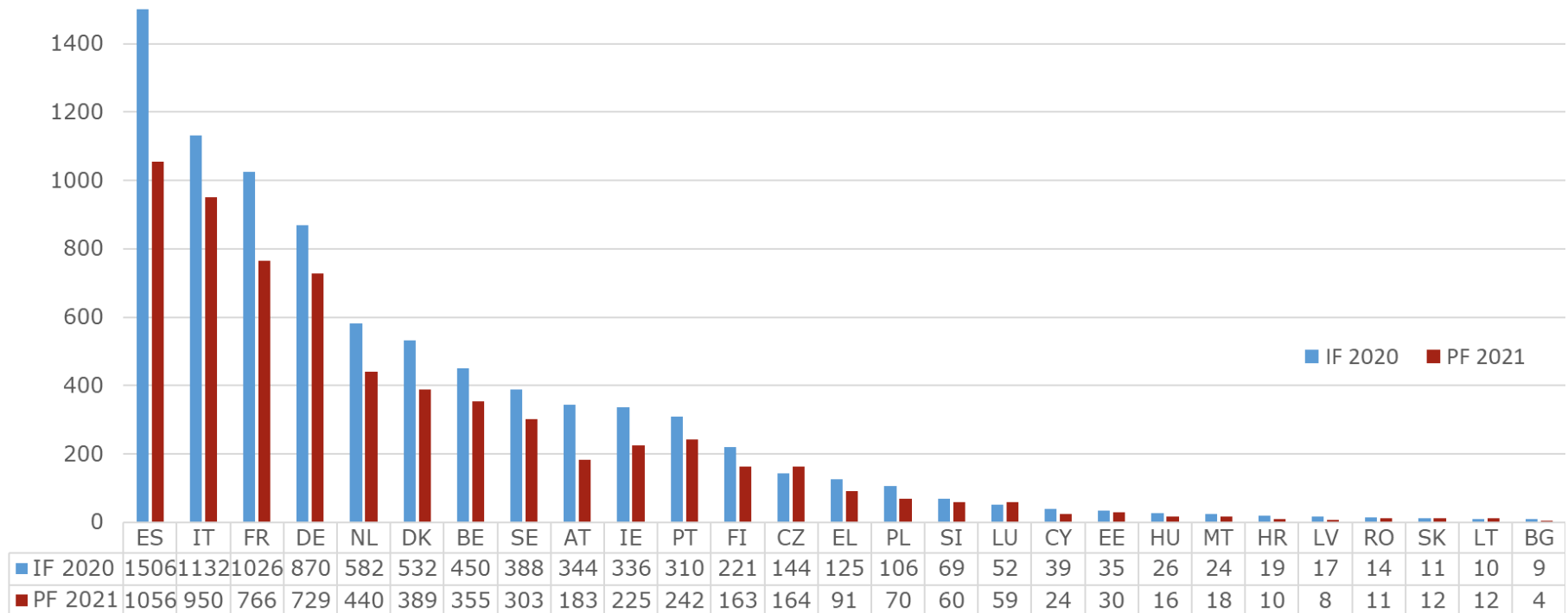


Statistics- MSCA- Horizon Europe



Participation_Greece (submission-PF 2021)

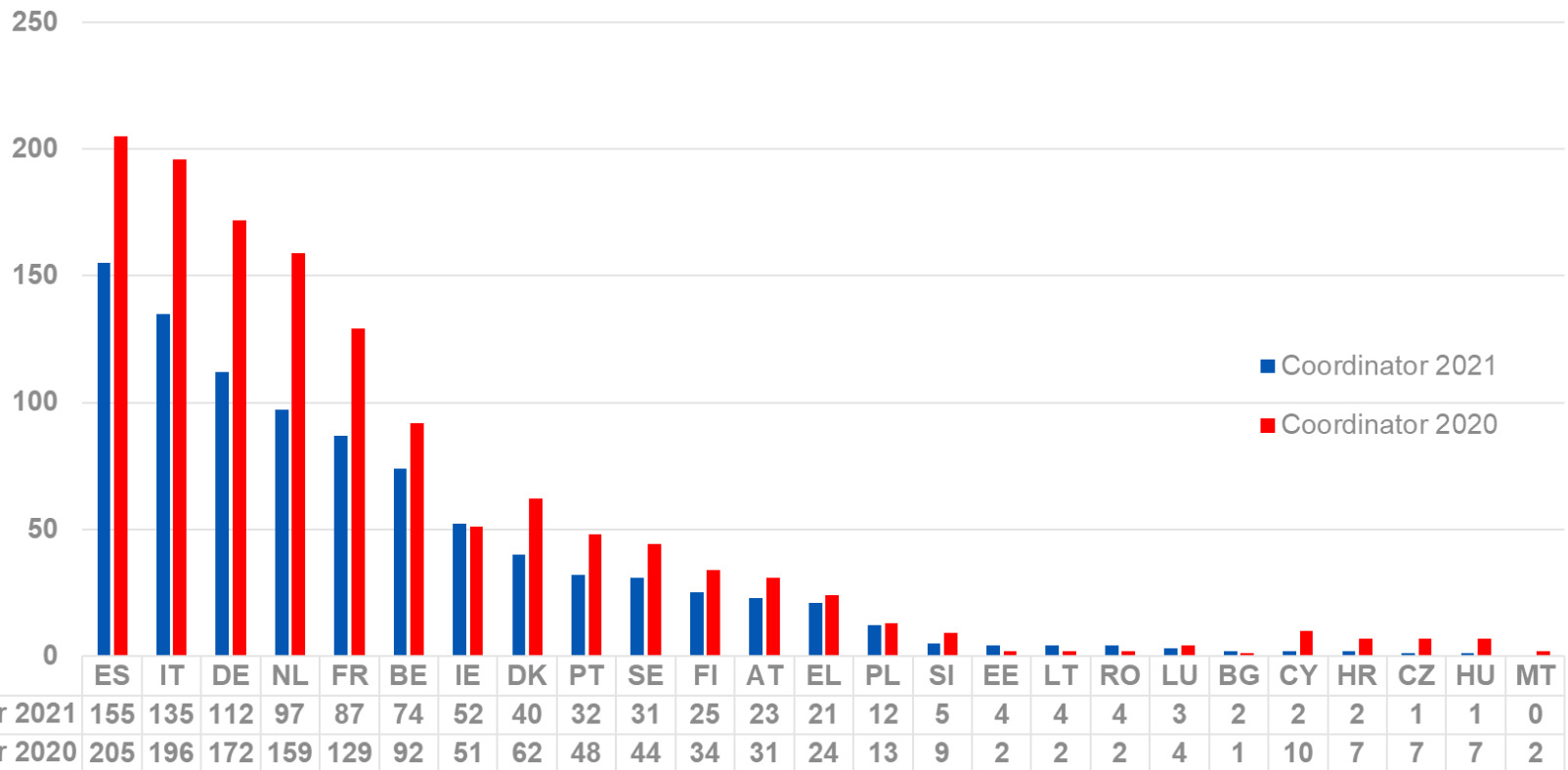
Submission per country - MS (vs IF 2020)





Participation_Greece (submission-DN 2021)

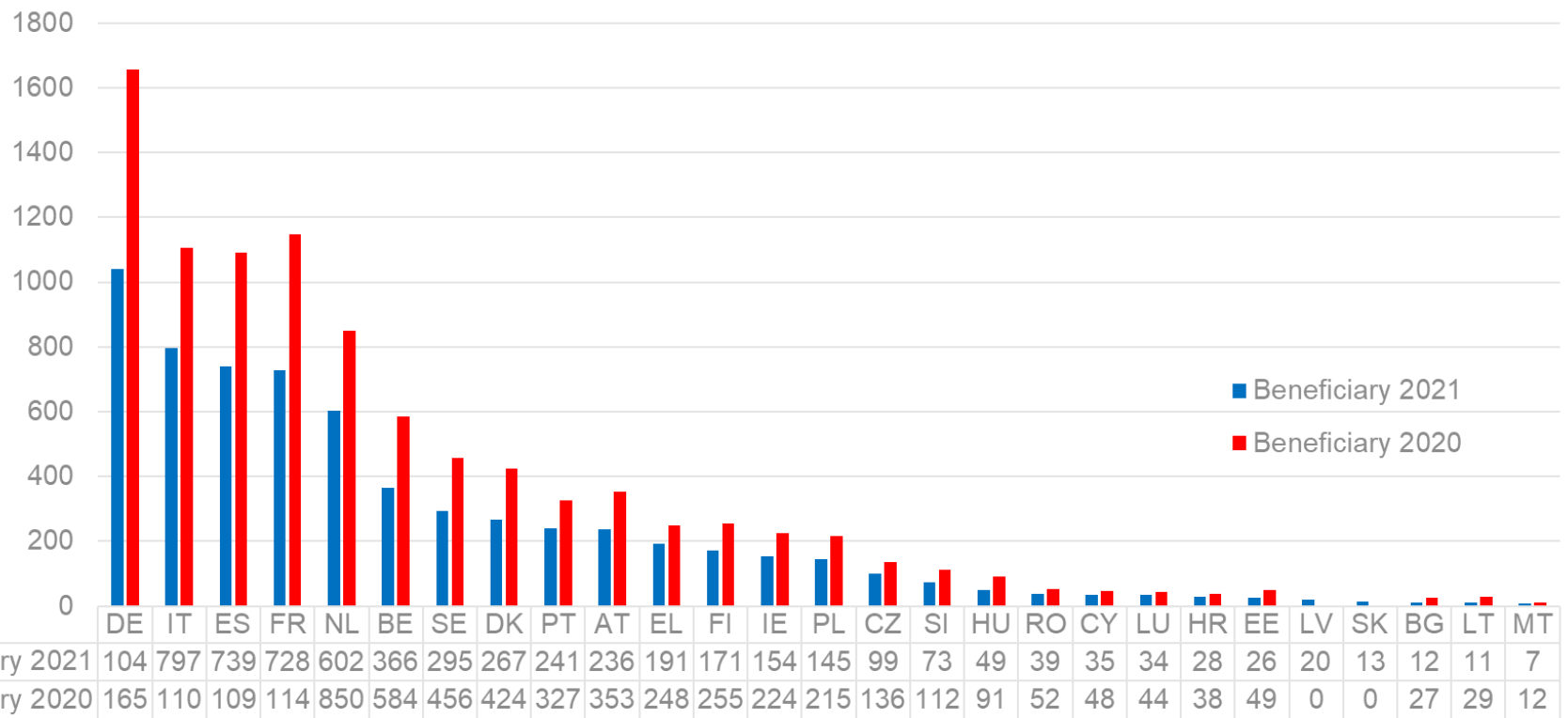
Submission per country - MS coordinator





Participation_Greece (submission-DN 2021)

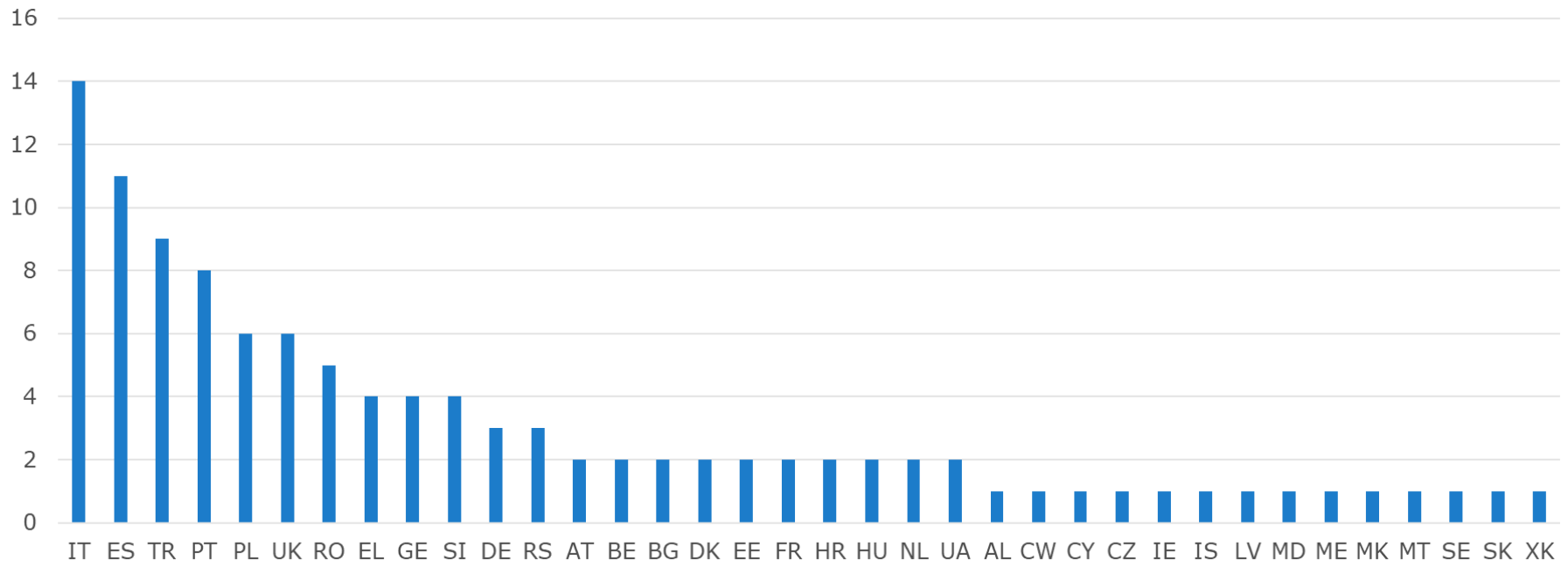
Submission per country - MS beneficiary





Participation_Greece (submission-MSCA and Citizens 2021)

Submission per country - Average requested budget: 280 000 €





Information days

Ενημερωτικές εκδηλώσεις



Ενημερωτικές εκδηλώσεις της ΕΕ

28 Μαΐου- Making the most of your MSCA Individual Fellowship

https://rea.ec.europa.eu/events/making-most-your-msca-individual-fellowship_en

29 Ιουνίου - Webinar - MSCA International Cooperation Call 2021

<https://ec.europa.eu/research/mariecurieactions/event/webinar-msca-international-cooperation-call-2021>

1 Ιουλίου - The Marie Skłodowska-Curie Actions: what is new under - Horizon Europe

<https://ec.europa.eu/research/mariecurieactions/event/whats-new-under-horizon-europe>

6 & 7 Ιουλίου - MSCA European Green Deal Cluster Event

<https://ec.europa.eu/research/mariecurieactions/event/msca-european-green-deal-cluster-event>





Ενημερωτικές εκδηλώσεις της ΕΕ

23 Σεπτεμβρίου - Opportunities in common between Erasmus + and MSCA highlighted

<https://ec.europa.eu/research/mariecurieactions/news/opportunities-in-common-between-erasmus-and-msca-highlighted>

24 Σεπτεμβρίου - 2021 European Researchers' Night

<https://ec.europa.eu/research/mariecurieactions/event/2021-european-researchers-night>

22-26 Νοεμβρίου- Science is Wonderful! Live 2021 online platform

<https://ec.europa.eu/research/mariecurieactions/news/register-now-for-the-science-is-wonderful-live-2021-online-platform>

19 Νοεμβρίου- Marie Skłodowska-Curie Actions Staff Exchanges info session

https://rea.ec.europa.eu/events/marie-sklodowska-curie-actions-staff-exchanges-info-session_en



Thank you
for your attention

Maria Samara

samara@praxinetwork.gr

Visit our new website
www.horizoneurope.gr



Website: www.praxinetwork.gr

e-mail: praxi@praxinetwork.gr

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