



HORIZON EUROPE

THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

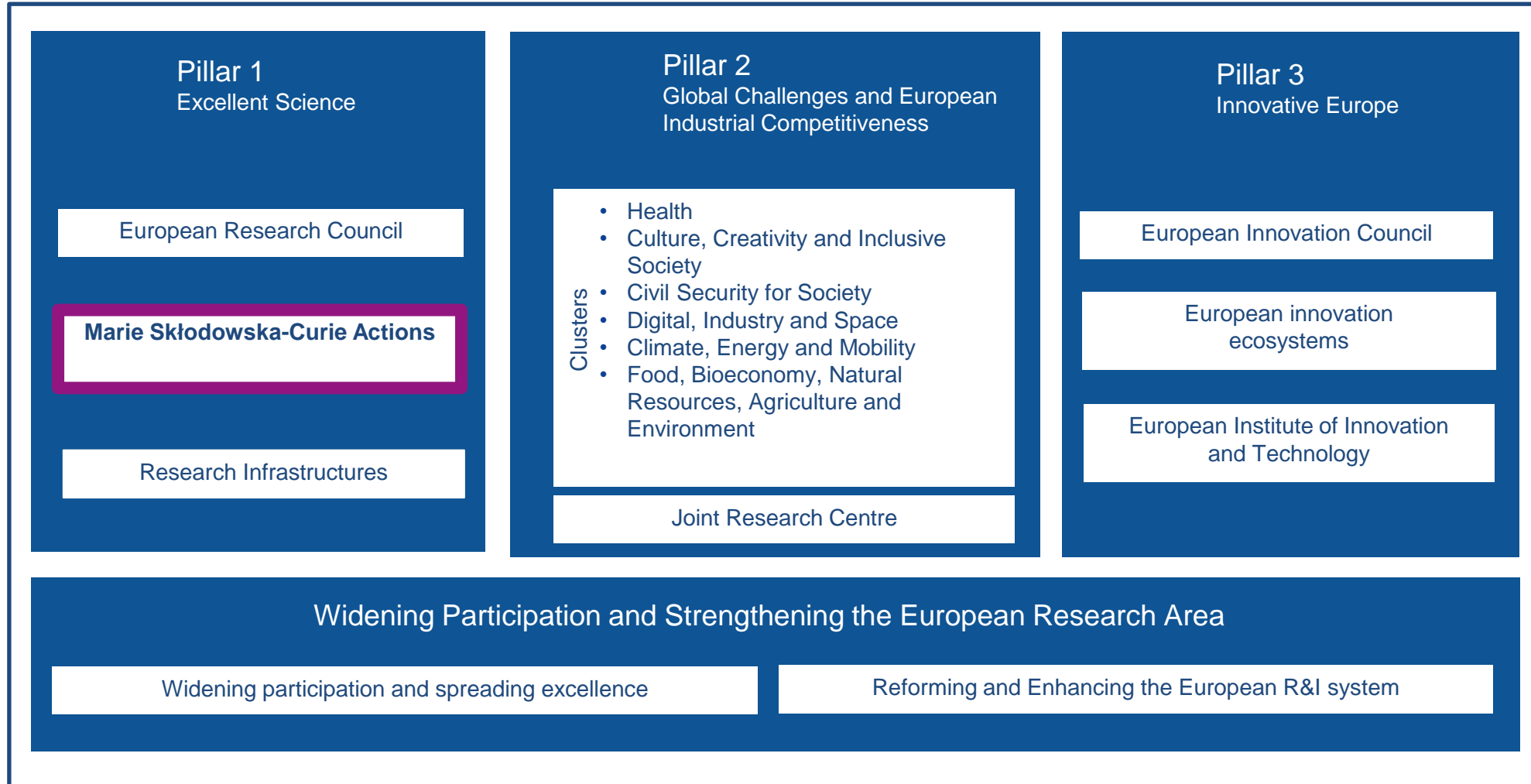
BEGOÑA ARANO
EUROPEAN RESEARCH EXECUTIVE AGENCY

Marie Skłodowska-Curie Actions:
What's new under Horizon Europe

National infoday, Italy, 12/07/2021



The MSCA under Horizon Europe



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

Introduction to the MSCA

EU's reference programme for doctoral and postdoctoral training, contributing to:

- A highly skilled research-based human capital able to detect and tackle upcoming challenges, communicate scientific evidence to policy-makers and the public, and work across disciplines
- Provide researchers with skills needed in the labour market, to innovate and to convert knowledge and ideas into products and services for economic and social benefit
- Develop excellent doctoral programmes enhancing the global attractiveness and visibility of institutions involved in them
- Promote the EU's global attractiveness for talents

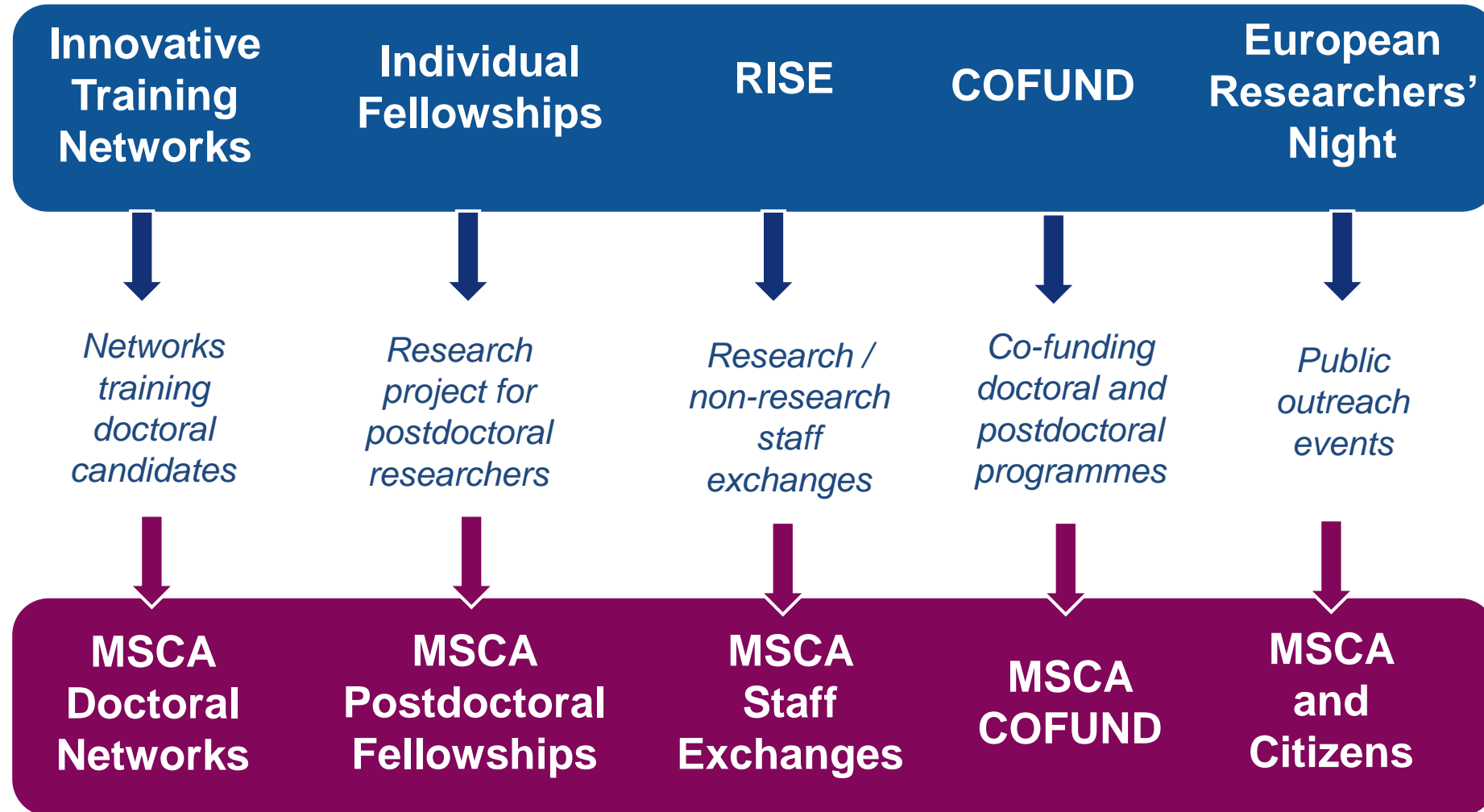
Budget under Horizon Europe: **6.6€ billion**

Worldwide geographic coverage

Policy background, principles and priorities

- Contribution to the **European Research Area (ERA)** and **European Education Area (EEA)**
- Contribution to the **EU external policy objectives**
- Committed to the **European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers + Innovative Doctoral Training Principles**
- Underlying Principles: **Open Science, Responsible Research & Innovation**
- New publishing platform **Open Research Europe**, open peer review: <https://open-research-europe.ec.europa.eu/>

Horizon 2020 vs Horizon Europe



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

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, etc.: <https://ec.europa.eu/research/mariecurieactions/green-charter>

More gender-friendly and inclusive MSCA

- 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)

Academia-non academia collaboration

- 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: additional 6 months for placements in the non-academic sector at the end of the project



MSCA Doctoral Networks

MSCA Doctoral Networks

Multi-beneficiary action to set up doctoral programmes, including (optional):

- **Industrial Doctorates:** Training in academia and industry
- **Joint Doctorates:** Joint collaborations leading to a joint/multiple doctoral degree, joint selection and supervision

Target group:

Doctoral candidates, i.e. **researcher without a PhD**

Size:

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

Duration:

- **Project:** 48 months
- **Individual researcher's contract:** 3-36 months
- **Secondments:** up to 1/3 of the fellowship duration
- **Industrial doctorates:** 50% in the non-academic sector; can be in the same country as the academic host organization



MSCA Postdoctoral Fellowships

MSCA Postdoctoral Fellowships

Mono-beneficiary action:

- **European Postdoctoral Fellowships:** coming to Europe from any country in the world or moving within Europe
- **Global Postdoctoral Fellowships** outside EU Member States and Horizon Europe AC

Target group:

Postdoctoral researcher in possession of PhD and up to 8 years research experience after PhD

Duration:

- **European Fellowships:** 12-24 months
- **Global Fellowships:** 24-36 months (incl. 12 months mandatory return phase in Europe)
- **Secondments worldwide** up to 1/3 of the fellowship duration



MSCA Staff Exchanges

MSCA Staff Exchanges

Multi-beneficiary action to implement research project through secondments of staff members

Target group:

- **Any type of staff** contributing to R&I activities (researchers, administrative staff, managerial staff, technical staff)
- **At any career stage** (from doctoral candidates to postdoctoral researchers)
- **Actively engaged** in research and/or innovation activities for at **least 1 month prior at the sending institution**

Duration:

- **Project:** 48 months
- Maximum **360 person-months** per project
- **Secondments:** 1-12 months per staff



MSCA COFUND

MSCA COFUND

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

Target groups:

- **Doctoral candidates:** researchers **without a PhD**; mandatory enrolment in a doctoral programme
- **Postdoctoral researchers:** researchers **with a PhD**

Co-funding:

- **Max 10 M€** per beneficiary per call (unchanged)
- The EU contribution covers minimum remuneration (70% living + mobility allowance)

Duration:

- Programme: max. 60 months
- Fellowship: min 3 months
- Secondments: up to 1/3 of the fellowship duration



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

European Researchers' Night:

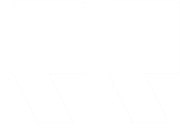
- **Every year on the last Friday of September** (events can last up to two days)
- In 2022-2023, **focus on Horizon Europe Missions**

EU contribution:

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

Call calendar

Year	Action	Call opening	Call deadline	Estimated budget
2021	Doctoral Networks	22/6/2021	16/11/2021	402,95 M€
	Postdoctoral Fellowships	22/6/2021	12/10/2021	242 M€ +1 M€ for Euratom
	Staff Exchanges	7/10/2021	9/3/2022	72.5 M€
	COFUND	12/10/2021	10/2/2022	89 M€
	MSCA and Citizens (2022 and 2023 editions)	22/6/2021	7/10/2021	15 M€
2022	Doctoral Networks	3/5/2022	15/11/2022	427,28 M€
	Postdoctoral Fellowships	14/4/2022	14/9/2022	257 M€ +1 M€ for Euratom
	Staff Exchanges	6/10/2022	8/3/2023	77.5 M€
	COFUND	11/10/2022	9/2/2023	95 M€



Thank you!

**# HorizonEU #MSCA
@MSCActions**

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

https://rea.ec.europa.eu/funding-and-grants/horizon-europe-marie-sklodowska-curie-actions_en



© European Union 2021

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.

Image credits: © ivector #235536634, #249868181, #251163013, #266009682, #273480523, #362422833, #241215668, #244690530, #245719946, #251163053, #252508849, 2020. Source: Stock.Adobe.com. Icons © Flaticon – all rights reserved.