Marie Skłodowska-Curie Actions
under Horizon Europe

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Education and Culture

Horizon Europe

The ambitious **EU research and innovation framework programme** (2021-2027)

- ✓ to strengthen the EU's scientific and technological bases and the European Research Area (ERA)
- ✓ to boost Europe's innovation capacity, competitiveness and jobs
- ✓ to deliver on citizens' priorities and sustain Europe's socio-economic model and values

Total approved budget of **€95.5 billion**, increase of 30% compared to Horizon 2020

European Commission

The MSCA under Horizon Europe

Pillar 1
Excellent Science

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures

Pillar 2
Global Challenges and European Industrial Competitiveness

Clusters
- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3
Innovative Europe

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

European Commission

Excellent Science (Pillar 1)

Reinforcing and extending the excellence of the EU's science base

European Research Council

Frontier research by the best researchers and their teams

Marie Skłodowska-Curie Actions

Equip researchers with new knowledge and skills

Support doctoral and postdoctoral training networks

Support organisations build international collaboration across sectors

Research Infrastructures

Integrated and inter-connected world-class research infrastructures

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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
- Total budget under Horizon Europe: **6.8€ billion**

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

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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

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The 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)

European Commission

Synergies between the MSCA and Erasmus+

Erasmus+ Capacity Building in Higher Education & Erasmus Mundus Joint Master Degrees can:

➢ be used as stepping stones for participation in the MSCA (in particular Doctoral Networks and COFUND)

➢ build internationalisation strategies

Erasmus+ Strategic Partnerships & Knowledge Alliances can:

➢ be used as stepping stones for MSCA (in particular Staff Exchange projects)

➢ involve the non-academic sector and third countries

Erasmus+ Student and Staff mobility to participate in

➢ the work of MSCA research teams (e.g. through traineeships)

➢ consortium-wide trainings (e.g. in MSCA Doctoral Networks or Staff Exchanges)

European Commission

Synergies between the MSCA and European Universities

European University Alliances can:

➢ develop joint programmes and strategies integrating education, research and innovation

➢ mainstream best practices developed through the MSCA in doctoral, post-doctoral and researcher training

➢ develop doctoral networks and collaborative projects under the MSCA (Doctoral Networks, COFUND, Staff Exchanges)

➢ exploit and transfer research results into learning and teaching activities

European Commission

Examples: MSCA and European Universities

EUTOPIA-Science and Innovation Fellowship (COFUND 2019)

- Strategic programme launched by the EUTOPIA Alliance, a network of six universities that has been awarded an Erasmus+ 'European Universities' pilot project

- 76 post-doctoral researchers will receive 24-months fellowships to work in 5 interdisciplinary key research areas: 1) Materials engineering; 2) Data & Intelligence; 3) Health; 4) Sustainability; 5) Welfare & Inclusion

- https://cordis.europa.eu/project/id/945380

European Commission

Examples: MSCA and European Universities

CIVIS3i - The CIVIS Alliance Programme for International, Interdisciplinary, Intersectoral Research and Training for Experienced Researchers (COFUND 2020)

- International programme developed in the context of the European University CIVIS

- 32 Experienced Researchers will receive 24-months postdoctoral fellowships to work on five important global societal challenges: 1) Health; 2) Climate, Environment, Energy; 3) Digital and Technological Transformation; 4) Cities, Territories and mobilities; 5) Society, Culture, Heritage

- https://www.univ-amu.fr/fr/public/actualites/nouveau-succes-pour-luniversite-europeenne-civis

Upcoming calls

Call year	Action	Estimated deadlines*
2021	Doctoral Networks	4 May 2021 - 16 November 2021
	Postdoctoral Fellowships	15 April 2021 - 15 September 2021
	Staff Exchanges	7 October 2021 - 9 March 2022
	COFUND	12 October 2021 - 10 February 2022
	MSCA and Citizens (covers 2 editions)	17 June 2021 - 7 October 2021
2022	Doctoral Networks	3 May 2022 - 15 November 2022
	Postdoctoral Fellowships	14 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

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Useful links

- **Euraxess Portal (PhD and postdoctorate vacancies, more information)**

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

- **List of National Contact Points**

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

- **Research Inquiry Service**

https://ec.europa.eu/info/research-and-innovation/contact/research-enquiry-service-and-participant-validation_en

- **Funding and Tenders Portal (calls, applications, etc.)**

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home

- **MCAA (Alumni association)**

https://www.mariecuriealumni.eu

Thank you for your attention!