



Horizon Europe Marie Skłodowska-Curie Actions

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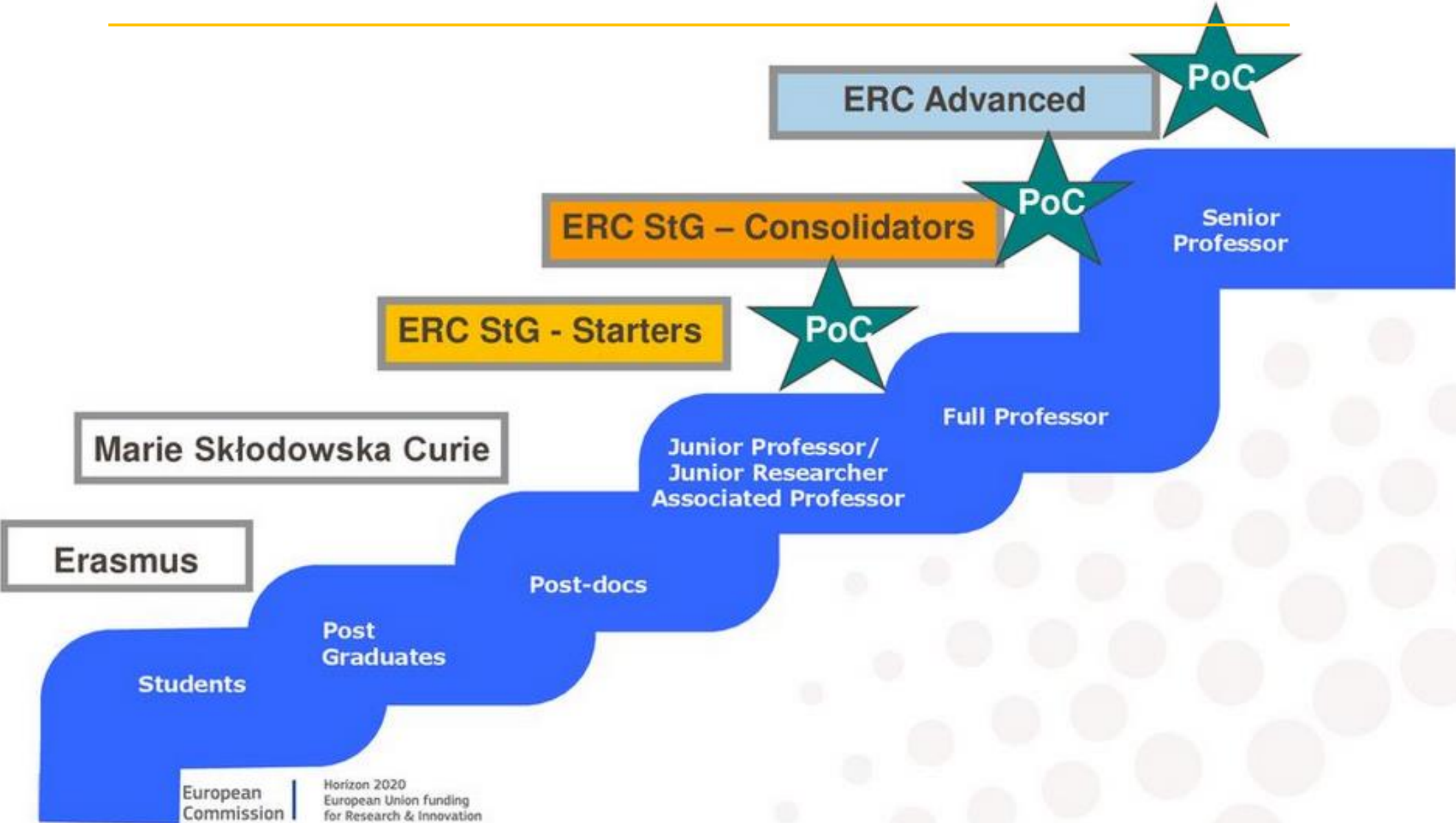
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NMIMS European Union - HARMONY Conference
Internationalization & Virtual Exchange
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Outline

- **MSCA under Horizon Europe**
- **MSCA- Doctoral Fellowships**
- **MSCA- Post-Doctoral Fellowships**
- **MSCA-Staff Exchange**

EU's Research career development funding schemes





Marie Skłodowska-Curie Actions

under Horizon Europe

EU's reference programme for doctoral & postdoctoral training

Introduction

MSCA in Horizon Europe (2021-2027)

Horizon Europe in Nutshell



Pillar I

EXCELLENT SCIENCE

- European Research Council
- **Marie Skłodowska-Curie**
- Research Infrastructures



Pillar II

GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

6 Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment
- Joint Research Centre



Pillar III

INNOVATIVE EUROPE

- European Innovation Council
- European Innovation Ecosystems
- European Institute of Innovation & Technology

Programme Countries (MS + AC)

- **27 European Union Member States (EU MS)**

- Austria, Belgium, Bulgaria, Croatia, Republic of Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, The Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain and Sweden.

- **Horizon Europe Associated Countries (HE AC)***

- Countries associated with Horizon Europe: Norway, Iceland, Albania, Bosnia and Herzegovina, Montenegro, Morocco, North Macedonia, Kosovo**, Serbia, Turkey, Armenia, Georgia, Moldova, Ukraine, Israel, United Kingdom***, Tunisia and Faroe Islands.
- Exploratory talks on Association with Korea and New Zealand

* Please see the [Horizon Europe Programme Guide](#) on the Portal for up-to-date information on the current list and on the position for country associated to Horizon Europe (Switzerland not considered candidate associated country at this stage).

**This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence

***The UK is associating to the full Horizon Europe programme with the only exception of the EIC Fund (which is the loan/equity instrument of the EIC).

Introduction to the MSCA

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

- 1) 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
- 2) 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 benefits
- 3) Develop excellent doctoral programmes enhancing the global attractiveness and visibility of institutions involved in them
- 4) Promote the EU's global attractiveness for talents

***Budget under Horizon Europe: 6.6€ billion**
Worldwide geographic coverage

MSCA - Key features (2021-2027)



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 under Horizon Europe

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)

Research areas

- **All scientific fields: bottom up** (including Euratom areas*)
- Proposals evaluated and ranked in **8 Scientific panels:**
 - 1) Chemistry (CHE)
 - 2) Social Sciences and Humanities (SOC)
 - 3) Economic Sciences (ECO)
 - 4) Information Science and Engineering (ENG)
 - 5) Environment and Geosciences (ENV)
 - 6) Life Sciences (LIF)
 - 7) Mathematics (MAT)
 - 8) Physics (PHY)

*Indian applicants are, however, not eligible for Euratom research

MSCA Doctoral Networks: Organisations (1/2)

- **1 single action** to implement doctoral programmes, including joint and industrial degrees
(focus on career development plan, supervision, training: research and transferable skills)
- ❖ **Industrial Doctorates**
 - ✓ Training in academia and industry
 - ✓ Joint supervision
- ❖ **Joint Doctorates**
 - ✓ Joint collaborations leading to a joint/multiple doctoral degree
 - ✓ Joint selection and supervision



Who applies?

- **Consortia**
 - **partnerships** 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 like India can join**)
- **Target group**
 - **doctoral candidates**, i.e. researcher from any nationality without a doctoral degree at the date of the recruitment. This includes students from third countries like India.

MSCA Doctoral Networks: Organisations (2/2)

- **Size**
 - For consortia - Up to 360 person-months (standard) + 180 additional person-months for joint or industrial doctorates (incentive)
- **Duration**
 - **Programme:** max. 48 months
 - **Fellow:** **maximum 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 organisation
- **Calls**
 - **2022: 3 May - 15 Nov 2022**
 - **Resubmission restrictions** applying as of 2022 for applications receiving a score **below 80%**



Type of Postdoctoral Fellowships

- **Mono-beneficiary actions** to support postdoctoral research and careers
- Architecture simplification – **Two types of Fellowships**
 - **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 to any Third Country.
- * **ERA Fellowships** - aligned with the MSCA Postdoctoral Fellowships call.
Spreading excellence and contribute fostering balanced brain circulation in Widening Countries

Tentative Timeline - MSCA-PF -2022

- Invitation to Submit Proposal: **13 April 2022**
- Deadline for Submission: **14 September 2022** 17:00 Brussels Time
- Evaluation of Proposals: **October-December 2022 (TBC)**
- Information on Outcome of Evaluations: **February-March 2023 (TBC)**
- Indicative Date for Signing the Grant Agreement: **March-April 2023 (TBC)**
- Prospective Start Date **April-September 2023 (TBC)**

MSCA-Staff Exchanges

Objective:

- Funds **short-term international and inter-sectoral exchanges** of staff members involved in research and innovation activities
- Aim is to develop sustainable **collaborative projects** between different organisations from the **academic and non-academic sectors** (in particular SMEs), based in Europe and beyond.
- Exchanged staff benefit from new knowledge, skills and career development perspectives, while participating organisations increase their research and innovation capacities.

MSCA-Staff Exchanges

Who can apply for Staff Exchanges?

Staff Exchanges are open to **international consortia** of universities, **research institutions, businesses, SMEs and other non-academic organisations.**

They need to include:

- at least **three organisations in three different countries**, two of which need to be **located in a different EU Member State** or Horizon Europe Associated Country
- above this minimum, the participation of organisations from any country is possible
- if all participating organisations are from the same sector (academic or non-academic), at least one must be from a non-associated Third Country

MSCA - forthcoming calls

MSCA-DN-2022 <u>Doctoral networks</u>	12/05/22	15/11/22	€ 427,3 million
MSCA-PF-2022 <u>Postdoctoral fellowship</u>	12/05/22	14/09/22	€ 218,5 million
MSCA-SE-2022 <u>Staff Exchanges</u>	06/10/22	08/03/23	€ 77,5 million
MSCA-Cofund-2022 <u>Co-Funding of regional, national and international programmes</u>	11/10/22	09/02/23	€ 95 million

MSCA PhD & Post-Doc announcements

The screenshot shows the EURAXESS website homepage. At the top, there is a dark blue header with the EURAXESS logo and a navigation menu with items: Home, JOBS & FUNDING, CAREER DEVELOPMENT, PARTNERING, INFORMATION & ASSISTANCE, NATIONAL PORTALS, EURAXESS WORLDWIDE, and LOGIN / REGISTER. Below the header is a large banner image showing a group of people in a meeting. The banner contains the text "Ready for a new OPPORTUNITY?" and "JOB SEARCH" in large, bold letters. Below the banner is a navigation bar with four buttons: JOB OFFERS, FUNDING & HOSTING OFFERS, WORKING ENVIRONMENT, and CAREER DEVELOPMENT. The main content area features the heading "Search for jobs and post your offer!" followed by a paragraph: "Take advantage of EURAXESS and find your job in research. EURAXESS lists thousands of vacancies and fellowships from more than 40 European countries and other regions in the world."

The screenshot shows the Marie Skłodowska-Curie Actions website. The header is dark blue with the text "Marie Skłodowska-Curie Actions" and "Developing talents, advancing research". Below the header is a navigation menu with items: Home, About MSCA, Actions, Funding, Jobs, Resources, and What's new. Below the navigation menu is a breadcrumb trail: "You are here: Marie Skłodowska-Curie Actions / Actions / Jobs funded from our actions". The main content area features a list of categories on the left: About actions, Doctoral Networks, Postdoctoral Fellowships, Staff Exchanges, and COFUND. To the right of this list is the heading "Jobs funded from our actions" and the sub-heading "Apply for PhD and postdoctoral vacancies". Below this is a paragraph: "If you are an individual researcher looking for a position funded by one of our actions (PhD and postdoctoral level), take a look at the list of vacancies published on EURAXESS. EURAXESS is the EU's portal for researchers."

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>

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Thank you!