



Marie Skłodowska-Curie Actions

Doctoral Networks

EUA-CDE Annual Meeting
Manchester , 22 June 2022

Sohail LUKA, PhD

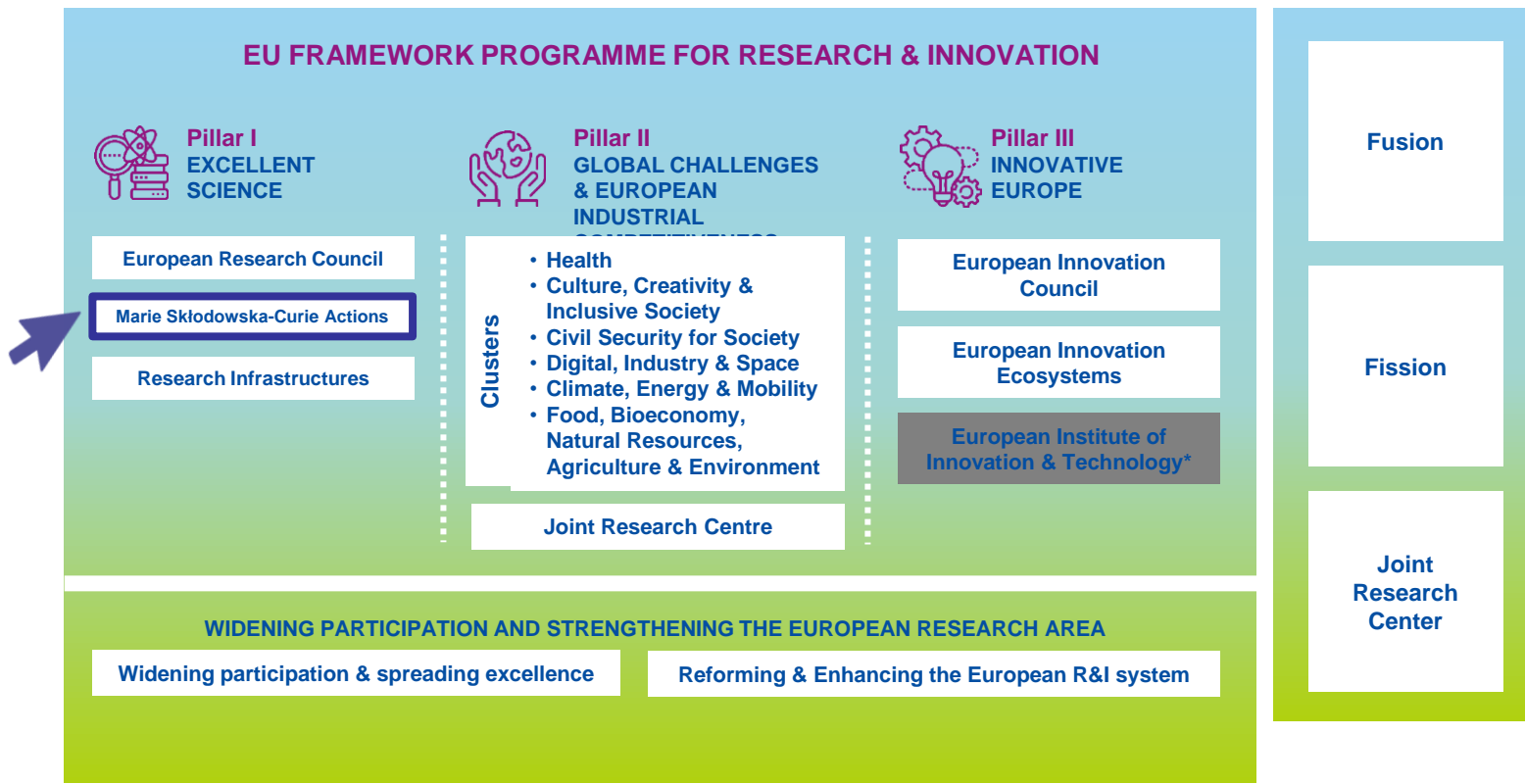
European Commission

Directorate-General for Education, Youth,
Sport and Culture

Marie Skłodowska-Curie Actions

Horizon Europe

EURATOM



Budget: EUR 95.5 billion

Pillar I: Excellent Science

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

European Research Council

Frontier research by the best researchers and their teams

€16 billion

Marie Skłodowska Curie Actions

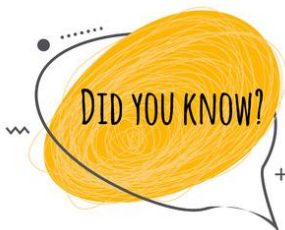
Equipping researchers with new knowledge and skills through mobility and training

€6.6 billion

Research Infrastructures

Integrated and inter-connected world-class research infrastructures

€2.4 billion



12 Nobel Prize winners either backed by or involved in the Marie Skłodowska-Curie Actions between 2012 and 2020



Introduction to 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

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)

50% of MSCA Budget



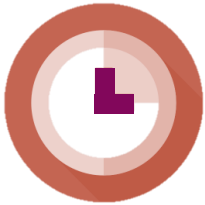
Doctoral Networks Modalities

Doctoral Networks (Standard): A consortium of at least 3 entities offering innovative doctoral training in academia and/or non-academia.

Industrial Doctorates: Doctoral candidates step outside academia to develop skills in industry and business by being jointly supervised by the academic and non-academic organisations.

Joint Doctorates: Highly integrated doctoral training leading to joint, double or multiple doctoral degrees and with the candidate selection and supervision jointly done by the degree-awarding institutions.

MSCA Doctoral Networks



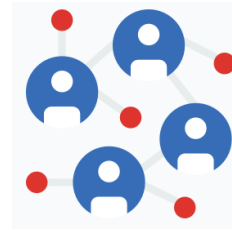
DURATION

4 years



COMPOSITION

Min 3 organisations
in 3 different EU
MS or HE AC (at
least 1 MS)



FELLOWSHIP

Between 3 and 36
months



BUDGET

360 PM for regular
DN;
540 PM for Industrial
Doctorates & Joint
Doctorates

Features

Scope:

- Any field, any topic (Bottom up)
- Any nationality can apply for fellowships

Size and Time Aspects:

- Up to 360 person-month (standard) + 180 **additional** person-month as incentive for ID and JD
- **Programme:** Max 48 months
- **Fellowship:** Between 3 and 36 months
- **Secondments:** Up to 1/3 of fellowship duration for standard DN and with no upper limit for ID and JD
- **Industrial Doctorate:** Minimum 50% of the fellowship duration spent at the non-academic sector

DNs Strategic Value (1): **Structuring Effects**

- MSCA DN does not simply fund the fellowships; it **funds networks/doctoral programmes.**
- Powerful element in structuring the EHEA and the ERA.
- Joint Doctorates as a structuring vehicle.
- Structuring effects for universities; deep collaboration culture and administrative infrastructure becoming part of the DNA of Higher Education Institutions.

DNs Strategic Value (2): **Being a trend setter**

- Training on **transferable skills** (communication, science-policy interface, IPR...) at individual and network level
- Career development plan
- New guidelines on supervision
- Green Charter (also for other MSCAs)
- Bridging Academic and Non-Academic: Industrial Doctorate; Inter-Sectoral Secondments.

DNs Strategic Value (3): **Attractiveness of European programmes**

- Attractive for doctoral candidates, universities and employers.
- Access to wider portfolio of courses, expertise and infrastructure for **doctoral candidates**.
- As well as skills relevant for **innovation and long-term employability**
- **Formal acknowledgement** of international and interdisciplinary experiences providing more attractiveness to **employers**.
- Contribute to **internationalisation**, attractiveness international visibility of European doctoral programmes



Thank you!

**# HorizonEU #MSCA
@MSCActions**

**[https://ec.europa.eu/research/
mariecurieactions/](https://ec.europa.eu/research/mariecurieactions/)**



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