

The Marie Skłodowska- Curie Actions in 2021-2027 (Horizon Europe)



Reminder: MSCA in Horizon 2020 (2014-2020)

- Supporting researcher training and career development
- Funding excellent research, bottom-up
- Promoting researcher mobility
- Stimulating international, inter-sectoral and interdisciplinary cooperation
- Impacting researcher careers, organisations, structures



ITN
Innovative
Training Networks



IF
Individual
Fellowships



RISE
Research and Innovation Staff
Exchange



COFUND
Co-Funding of Regional, National and
International Programmes

European
Researchers'
Night

HORIZON EUROPE, objectives and structure

Support the creation and diffusion of high-quality knowledge

Strengthen the impact of R&I in supporting EU policies

Foster all forms of innovation and strengthen market deployment

Optimise the Programme's delivery for impact in a strengthened ERA



Pillar 1
Excellent Science

European Research Council

Marie Skłodowska-Curie Actions

Infrastructures



Pillar 2
Global Challenges and Industrial Competitiveness

Clusters

- Health
- Inclusive and Creative Society
- Secure Society
- Digital and Industry
- Climate, Energy and Mobility
- Food and natural resources

Joint Research Centre



Pillar 3
Open Innovation

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology

Strengthening the European Research Area

Widening Participation and Sharing excellence

Reforming and Enhancing the European R&I system

(draft scheme, to be updated after adoption legal base)

Excellent Science: reinforcing and extending the excellence of the Union's science base

Timing of further development (indicative)

Strategic Plan > Work Programme

April	Partial adoption Horizon Europe legal base*
May-June	Shadow Programme Committee meetings
June-Sept	Public consultation on Strategic Plan online
24-26 Sept	EU R&I Days
Oct	Consultation of R&I umbrella organisations
Oct-Nov	Shadow Programme Committee meetings
Dec/early 2020	Adoption of the Strategic Plan implementing act
Spring 2020	Elaboration first Horizon Europe Work Progr.
Early autumn 2020	Adoption of the Work Programme

* Horizon Europe Regulation, Common Understanding:

<https://data.consilium.europa.eu/doc/document/ST-7942-2019-INIT/en/pdf>

* Horizon Europe Specific Programme, PGA:

<https://data.consilium.europa.eu/doc/document/ST-8550-2019-INIT/en/pdf>



MSCA in Horizon Europe

- Overall: **continuation**
- Investing in **the people behind R&I**, delivering talent and improving careers
- *Bottom-up, competition-based research programme*
- Creating impact on researchers, institutions, systems
- 5 areas of intervention:
 - *mobility of researchers*
 - *training of researchers*
 - *strengthening human capital across the ERA*
 - *facilitating synergies*
 - *promoting public outreach*



MSCA in Horizon Europe, guiding principles

- New skills and knowledge
- Charter and Code principles
- International collaboration
- Research-business cooperation
- Open to all domains, relevance for society (SDGs)
- Equal opportunities
- Open Science and FAIR data
- Responsible Research & Innovation



Evolution in the MSCA's implementation

- **Streamlined actions**, clearer identity
- Simpler rules, fine-tuned definitions, harmonised conditions
- Continuation of simplified form of grants

- **Emphasis on new and early career researchers**
- More guidance on supervision and **exposure beyond academia**
- Improved internal coherence & reinforced external **synergies**
- **Demand management**

MSCA 2021-2027: *under construction*



1. MSCA Doctorates
2. MSCA Postdocs
3. MSCA Staff Exchanges
4. MSCA COFUND
5. MSCA and Citizens

- *doctoral candidates*
- *postdoctoral researchers*
- *any type of research(-related) staff*
- *co-funding training programmes*
- *public outreach events*

1. MSCA Doctorates

- MSCA will continue to support doctoral candidates and programmes
- Integrating objectives of 3 sub-actions into a **single action**
 - Incentives for industrial or joint doctorates
 - Pre-agreement for joint degrees required
- Manage demand, improve success rates
 - Reduce #fellow-months/project – restrict resubmissions below quality threshold



2. MSCA Postdocs

- Continue supporting post-doctoral research and careers
- Clarify and simplify, a **single action**
- Deliver skilled people **to academia and beyond**
 - Improved guidance towards career development (plan & supervision)
 - Intensify exposure/secondments to (training in) entities beyond academia
- Focus on **new generation of researchers** (max. # years of experience)
 - Emphasis on new and early career researchers (HE Regulation recital 9)
 - Avoid 'permadoc' phenomenon
 - Integrate career restart objectives (take into account any career break)
- Manage the increasing demand to maintain high-quality selection



3. MSCA Staff Exchanges

- Continue supporting staff exchanges, **open to any type of staff**
- Emphasis on the **added-value of the collaboration** itself
- Lean and flexible tool to support collaboration
- I³ approach, incl. academia-to-academia exchanges within Europe



4. MSCA COFUND

- Continue **co-funding** national, regional, institutional schemes for doctoral training and postdoctoral fellowships
- Introduce **sustainable structuring effects**, spread best practice
- Greater focus on new beneficiaries and new training programmes



5. MSCA and Citizens

- Continuation of the **European Researchers' Night**-like activities
- **Extension** to existing outreach events
 - Supporting also other science festivals and outreach events with EU-added value



in 2018: 1.5 million visitors