HORIZON EUROPE AND EU-JAPAN S&T COOPERATION

Enhancing EU-Japan Research Cooperation on the Frontiers of Knowledge

Tokyo Institute of Technology
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HORIZON EUROPE
Horizon Europe: evolution not revolution

Specific objectives of the Programme

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
Open Science
- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

Pillar 2
Global Challenges and Industrial Competitiveness
- Health
- Inclusive and 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
- Sharing excellence
- Reforming and Enhancing the European R&I system
Lessons Learned from Horizon 2020 Interim Evaluation

- Support breakthrough innovation
- Create more impact through mission-orientation and citizens' involvement
- Strengthen international cooperation
- Reinforce openness
- Rationalise the funding landscape

Key Novelties in Horizon Europe

- European Innovation Council
- R&I Missions
- Extended association possibilities
- Open science policy
- New approach to Partnerships
**Pillar 1**

**OPEN SCIENCE:** reinforcing and extending the excellence of the Union's science base

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<th>European Research Council</th>
<th>Marie Skłodowska-Curie Actions</th>
<th>Research Infrastructures</th>
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<td>- Frontier research by the best researchers and their teams</td>
<td>- Equipping researches with new knowledge and skills through mobility and training</td>
<td>- Integrated and inter-connected world-class research infrastructures</td>
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- € 16.6 billion
- € 6.8 billion
- € 2.4 billion

(€ 13.1 billion in Horizon 2020)  
(€ 6.2 billion in Horizon 2020)
Marie Skłodowska-Curie Actions (MSCA) Research Fellowship Programme

The MSCA support researchers:

- at all stages of their careers,
- regardless of age and nationality,
- across all disciplines.

The MSCA also support:

- cooperation between industry and academia,
- innovative training to enhance employability and career development.
MSCA key features
Research training and career development

- International mobility
- Interdisciplinarity
- Bottom-up approach
- Inter-sectoral mobility (Academia to business)
- Good working conditions
- From doctoral candidates to experienced researchers
MSCA in Horizon 2020: the different actions

ITN: *host-driven, early-stage researchers*
*network recruiting ~PhD students*

**IF**: *individual, experienced researchers*
*incoming & outgoing (~post-docs)*

RISE: *exchange of all types of research staff with non-European entities and/or private sector*

COFUND: *co-funding e.g. national schemes*
*(for doctoral or post-doctoral training)*

2014-2020

€6.2 billion

European Researchers' Night
*science festival, outreach*
MSCA in Horizon Europe, supporting:

1. Doctoral Training Networks → PhD students
2. Postdoctoral Fellowships → postdocs
3. Staff Exchanges → any type of research staff
4. Synergies → co-funding training programmes
5. European Researchers’ Festivals → public outreach events
MSCA International contribution

Strong: MSCA accounts for more than half of total H2020 international participations

Specific: actions targeting international cooperation (IF Global Fellowships; RISE) on top of general opening

Adapted: to different S&T capacity level (e.g. RISE = entry level for the FP, IF = top-end), to structure bilateral cooperation or support external policies (e.g. ITN, COFUND)

Intersectoral: encouraging participation from non-academic sector
EU-JAPAN S&T COOPERATION FRAMEWORK

EU-Japan S&T Cooperation Agreement (2011)
EU-Japan Strategic Partnership in Research and Innovation (2015):
• thematic cooperation in key strategic areas;
• putting in place framework conditions that facilitate cooperation (mechanisms for the joint funding of projects, and measures to enhance researchers' mobility);
• regular consultation and possible cooperation in R&I policy areas (such as Open Science);
• deepening strategic cooperation by frequent consultation at multiple levels (Summit, Joint S&T Committee meetings, Senior Officials meetings, Task Force meetings, thematic dialogues);
• supporting activities and public engagement (National Contact Points in Japan and outreach activities).

EU-Japan Strategic Partnership Agreement (2018)
EU-Japan Summit Joint Statement
Brussels, 25 April 2019

"We reconfirm our commitment to the EU-Japan Strategic Partnership in Research and Innovation and are committed to extend the co-funding of joint projects.

We welcome the new arrangement to provide opportunities for collaboration between researchers from the European Research Council and Japan Science and Technology Agency."
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https://www.facebook.com/EUScienceInnov/
https://www.facebook.com/cmoedas/

Horizon Europe dedicated website
http://ec.europa.eu/horizon-europe

European Innovation Council
http://ec.europa.eu/research/eic

EU budget for the future
http://ec.europa.eu/budget/mff/index_en.cfm
Marie Skłodowska-Curie website
http://ec.europa.eu/msca

What's new? MSCA work programme
http://ec.europa.eu/research/mariecurieactions/library_en

Horizon2020
http://ec.europa.eu/programmes/horizon2020

Participant Portal (calls, online application, documents, FAQ, NCPs)
http://ec.europa.eu/research/participants/portal

Euraxess (jobs, rights, services, etc.)
http://ec.europa.eu/euraxess/

European Charter for Researchers
http://ec.europa.eu/euraxess/index.cfm/rights/whatIsAResearcher

How to find partners
https://cordis.europa.eu/partners/web/guest

MSCA on Facebook

MSCA on Twitter
@MSCactions
Questions?

**H2020 Help desk**
http://ec.europa.eu/research/index.cfm?pg=enquiries

**Frequently Asked Questions**

**National Contact Points**
http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html

**Marie Curie Alumni Association**
https://www.mariecuriealumni.eu/
Thank you!

#HorizonEU

http://ec.europa.eu/horizon-europe