

2024. 10. 10

Horizon Europe Participation from Japan

National Contact Point for Horizon Europe
EU-Japan Centre for Industrial Cooperation

As of November 2023

- **Started as National Contact Point for Horizon 2020 (2014-2020) and now is nominated as NCP for Horizon Europe (2021-2027).**

One NCP has been appointed in EU-Japan Centre for Industrial cooperation since Nov. 2013.

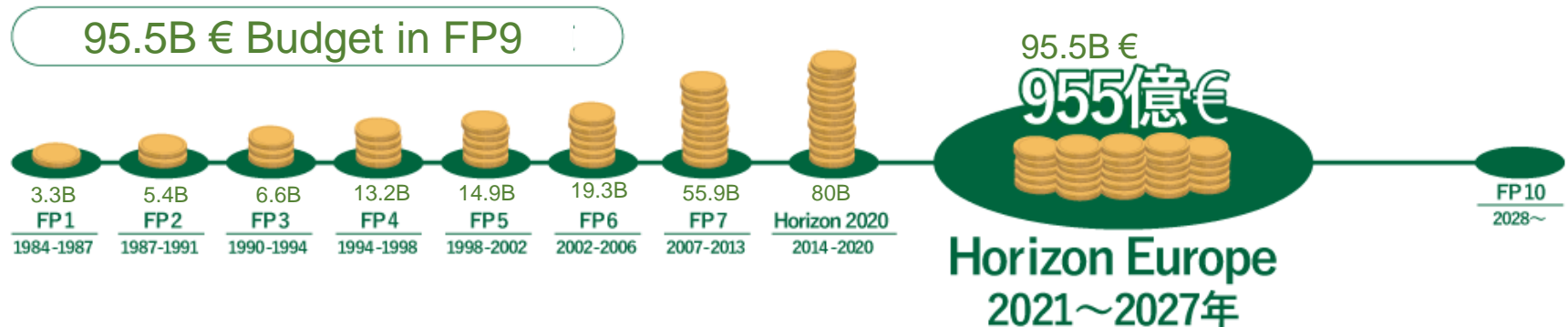
- **EU-Japan Centre for Industrial Cooperation**

Unique joint-venture between Japanese government (METI) & the European Commission.

Tokyo office	Established 1987	19 staffs
Brussels office	Established 1995	15 staffs
Managing Director	Yasuo Tanabe (Tokyo Headquarter) Manuel Hubert (Tokyo Headquarter)	
Budget (2022)	¥ 670 Mil. Funded by METI & EC	



Horizon Europe is the key EU funding programme for research and innovation with a budget of €95.5 billion over seven years (2021-2027)

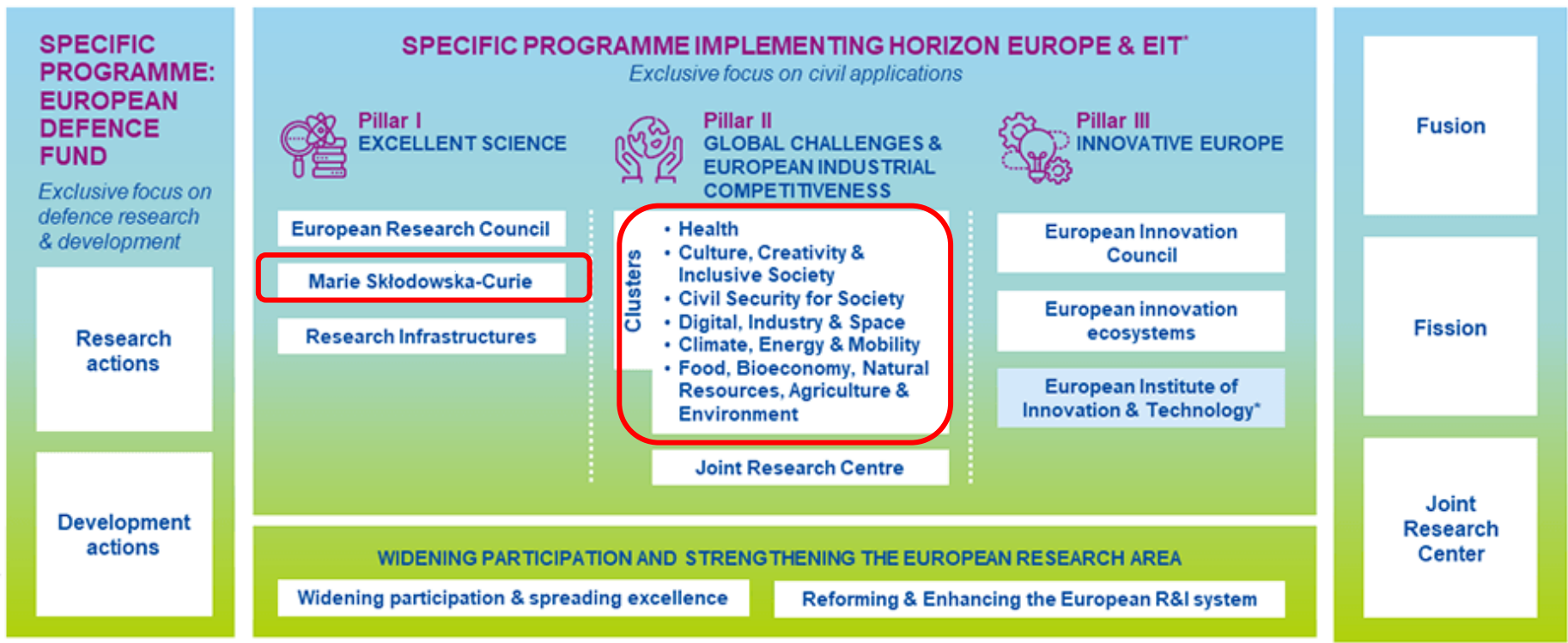


The program aims to bringing together the excellent knowledge in Europe and from the world to develop solutions to tackle the key global challenges of our time, to implement **EU policy priorities**, and to build a better future for next generations in EU.

Horizon Europe consists of various programs and thematic research areas categorized under three pillars: "Excellent Science", "Global Challenges and European Industrial Competitiveness", and "Innovative Europe".

HORIZON EUROPE

EURATOM



* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

Actual call information in Work Programmes (reflected in Funding and Tenders Portal submission page)



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European Commission | EU Funding & Tenders Portal

- Funding
- Procurement
- Projects & results
- News & events
- Work as an expert
- Guidance & documents**

- Work programme & call documents
 - 2021-2022
 - 2023-2025
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- 2. Marie Skłodowska-Curie Actions v2.0**
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5. Culture, creativity and inclusive society v2.0 >
6. Civil Security for Society v3.0 >
- 7. Digital, Industry and Space v3.0 >**
8. Climate, Energy and Mobility v3.0 >
9. Food, Bioeconomy, Natural Resources, Agriculture and Environment v3.0 >
10. European Innovation Ecosystems (EIE) v3.0 >
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*Horizon Europe - Work Programme 2023-2024
Digital, Industry and Space*

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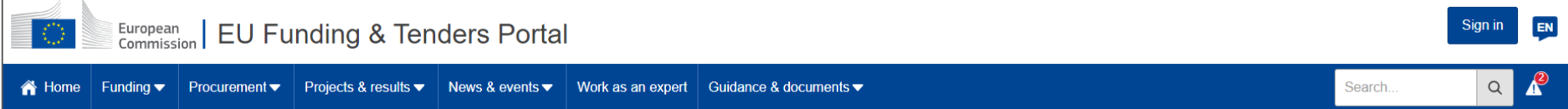
Look for calls with topic code with year 2024.
"HORIZON-CL4-2024-xx-xx-xx"

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Work Programme and finding a call

Topic Submission page for HORIZON CL4-TWIN-TRANSITION-01-05



Home > Funding > Calls for proposals > Technologies/solutions to support circularity for manufacturing (Made in Europe Partnership) (RIA)

Technologies/solutions to support circularity for manufacturing (Made in Europe Partnership) (RIA)
HORIZON-CL4-2024-TWIN-TRANSITION-01-05
Topic and Topic ID

- Topic Call for proposal
- Internal navigation
 - General information
 - Start submission
 - Topic Q&As
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RIA: Funding rate is 100% for public and private institutions

General information

Programme
Horizon Europe Framework Programme (HORIZON) [Budget overview](#)

Call
TWIN GREEN AND DIGITAL TRANSITION 2024 (HORIZON-CL4-2024-TWIN-TRANSITION-01)

Type of action HORIZON-RIA HORIZON Research and Innovation Actions	Type of MGA HORIZON Action Grant Budget-Based [HORIZON-AG] 🔒 Closed	
Deadline model single-stage Submission – 1 time	Opening date 19 September 2023 Opening & Closing Date	Deadline date 07 February 2024 17:00:00 Brussels time

Topic description **Expected outcome, scope**

ExpectedOutcome:
Manufacturing industry should benefit from the following outcomes:

- Assessing the environmental impact of their products, including the flow of products after th...

[Show more](#)

Topic conditions and documents

General conditions

1. **Admissibility conditions:** described in [Annex A](#) and [Annex E](#) of the Horizon Europe Work Programme General Annexes.

In order to include a business case and exploitation strategy, the page limit in General Annex A of the General Annexes is exceptionally extended by 3 pages....

[Show more](#)

- Eligibility Conditions (who can get participate/get funding)
- Proposal Templates (PDF)
- Guide for Applicants
- Grant Agreement Template
- Regulations, Work programmes

Start submission

No submission system is open for this topic.

Submission button appears after topic is open for call

(Only members of EU/AC can access the site then, add members to create proposals)

※コーディネーターがこちらから提案書作成ページを開始します。

その後参加メンバーに加えられるので提案書を共同作成してください。

◆ List of Eligible Countries (Automatic Funding)

- EU Member States (27 countries)
- Associated Countries (Norway, Turkey etc. Recently U.K. and New Zealand signed, followed by Canada and S. Korea)
- Third countries with low income (Indonesia, Nepal etc.)

※ Affiliated companies in EU27/AC are considered as entities in EU/AC. (Toyota, NEC, NTT Data, etc.)

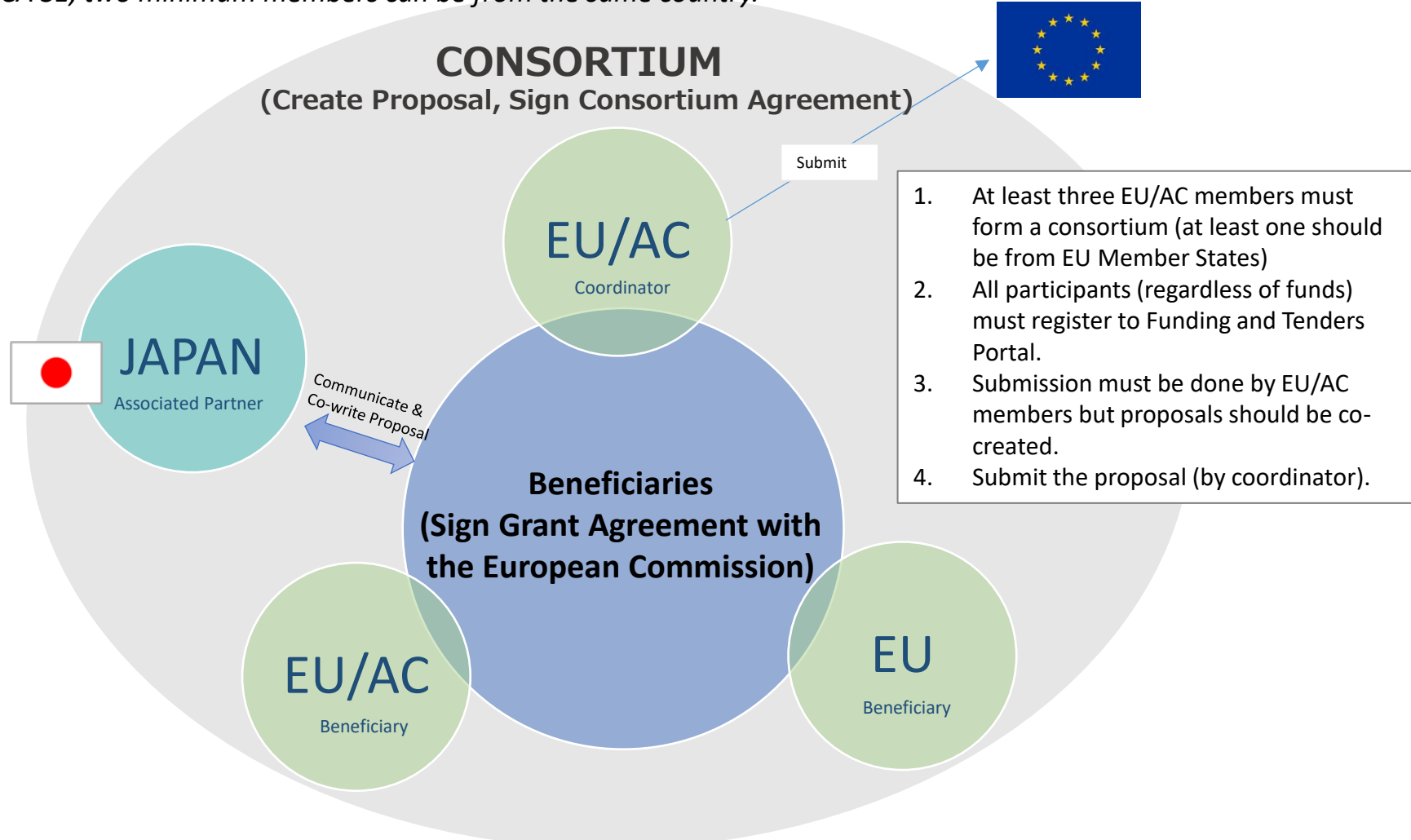
◆ Entities established in Japan (no automatic funding)needs to;

- Prepare own financial source
- Apply to exceptional funds to EU (must be justified within consortium and in evaluation)
- Apply to funding program in Japan (if any)

Basic Rule of forming a consortium

The rule applies to;

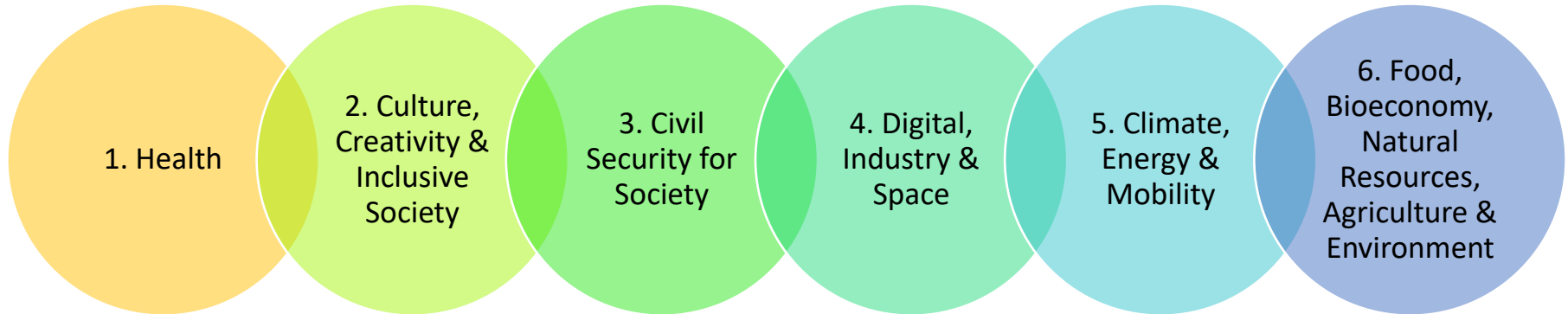
- Pillar 1 Research Infra
- Pillar 2 Cluster 1-6 calls.
- In MSCA SE, two minimum members can be from the same country.



1. At least three EU/AC members must form a consortium (at least one should be from EU Member States)
2. All participants (regardless of funds) must register to Funding and Tenders Portal.
3. Submission must be done by EU/AC members but proposals should be co-created.
4. Submit the proposal (by coordinator).

MS: EU Member States
 AC: Associated Countries to Horizon Europe
 Japan: None-EU Associated Countries

Beneficiary: Receive EU fund, Sign Grant Agreement (GA).
 Associated Partner: No funds from EU, No signature to GA.
 Carry out same amounts of tasks as EU MS.



Type of Actions (課題のタイプ分けと助成率)

Research and innovation actions (RIA) -100% Funding Rate

Activities that aim primarily to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution. This may include basic and applied research, technology development and integration, testing, demonstration and validation of a small-scale prototype in a laboratory or simulated environment.

Innovation actions (IA) -70% Funding Rate for Profit organizations

Activities that aim directly to produce plans and arrangements or designs for new, altered or improved products, processes or services. These activities may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.

Coordination and support actions (CSA)- 100% Funding Rate

Activities that contribute to the objectives of Horizon Europe. Standardization, policy dialogues etc.

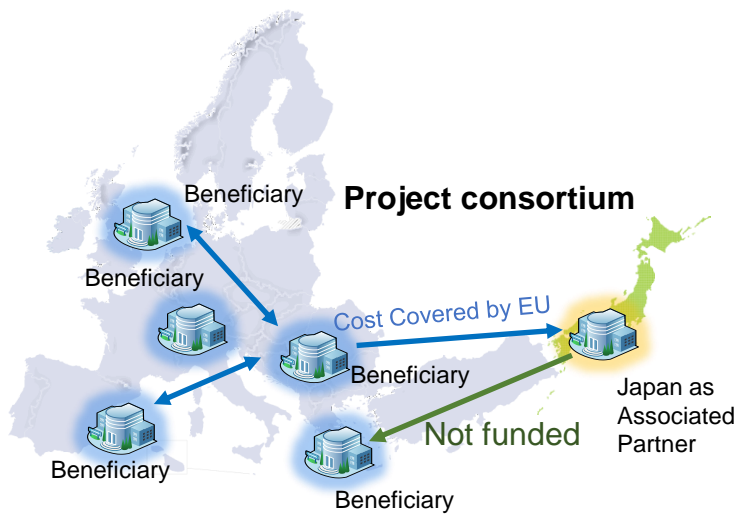
Projects with exceptional funds- All area

There are number of cases where exceptional funds were available for Japan

Project	Fund	Topic Code	Topic	CORDIS
Orchestrating next-generation mobile modular laboratories for pandemic monitoring preparedness (ONELAB)	€ 335,125.00	HORIZON-CL3-2021-DRS-01-05	Fast deployed mobile laboratories to enhance situational awareness for pandemics and emerging infectious diseases	101073924
pan-European Management of Biological toxin incidents through standardisation initiatives for Crisis response Enhancement (EMBRACE)	€ 269,375.00	HORIZON-CL3-2023-DRS-01-03	Operability and standardisation in response to biological toxin incidents	101168322
The Orders and Borders of Global Inequality: Migration and Mobilities in Late Capitalism (MIGMOBS)	€ 205,313.00	ERC-2022-ADG	ERC ADVANCED GRANTS	101097240
Founding a Global Image Data Ecosystem (FoundingGIDE)	€ 164,346.88	HORIZON-INFRA-2023-DEV-01-07	Strengthening the international dimension of ESFRI and/or ERIC research infrastructures	101130216
Comprehensive Hazard Identification, and Monitoring system for urban Areas (CHIMERA)	€ 144,989.25	HORIZON-CL3-2022-DRS-01-08	Enhanced situational awareness and preparedness of first responders and improved capacities to minimise time-to-react in urban areas in the case of CBRN-E-related events	101121342
Research Ethics and integrity for the GREEN transition (RE4GREEN)	€ 60,625.00	HORIZON-WIDERA-2023-ERA-01-11	Research ethics for environmental and climate technologies	101131706

Participate from an organization

Short-term exchange of researchers and staffs within a consortium to cooperate in research. Participate as a partner in a consortium consisting of European institutions, and exchange researchers and staffs with Europe. (Intersectoral, interdisciplinary and international exchange)



Staff Eligibility

- Any Staff (but must have R&I experience)* Doctoral students can be also seconded.
- Researchers based in Japan can participate as a partner to host researchers coming from EU/AC but are not funded for sending researchers based in Japan to EU/AC.

Submission

- Register your account and host organization to Funding and Tenders Portal and ask Coordinator to include you to their proposal submission site for the project.

Funds (*coefficient of host country applies)

- 2,300 EUR Top-up allowances (travel, accommodation etc.)
- Requested unit x (1/# of months) special needs allowances
- **Institutional Costs**
 - 1,300 EUR Research training, networking contributions
 - 1,000 EUR Management Cost

From Guide of Applicants (2023)

	Conditions
Standard Duration of project	48 months
Max person months	360 pm
Host Institutions	From 3 countries (at least Two from different EU MS /AC)
Secondment	1-12 months (can be split into several stays)
Same sector interdisciplinary Secondments	Up to 1/3 of project total person-month.

1. In case of bilateral cooperation, apply for **Open Partnership Joint Research Projects/Seminars (Bilateral Programs)**
2. In the case of a multilateral consortium, apply for **Core-to-Core Programs**

Note:

1. Bilateral exchange programs (JSPS 二国間交流事業)

In case the consortium consists of a mixture of institutions in academic and non-academic sectors, the Japanese applicant needs to designate one of the European institutions as a counterpart of this bilateral cooperation. However, the designated organization must be in the academic sector.

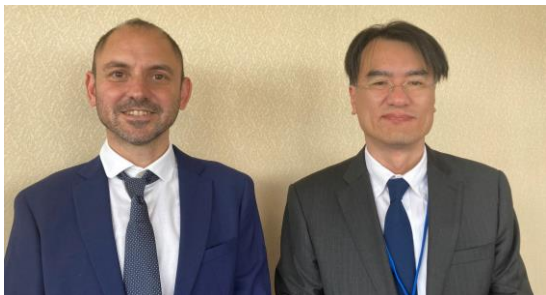
2. Core to Core Programs (JSPS 研究拠点形成事業)

In case the Horizon Europe consortium consists of a mixture of institutions in academic and non-academic sectors, an applicants in Japan is required to prepare a research exchange plan that does not include the non-academic sector when applying to the call to JSPS.

Other Programs:

The **Adopting Sustainable Partnerships for Innovative Research Ecosystem (ASPIRE) program (ASPIRE)- Collaborative research with ERC projects.**

- AMED: EU specifically “ERC” is chosen as a counter-part program in Health.
- JST: “EU” as a partner countries/regions (AI & Information, Biotechnology, Energy, Materials, Quantum, Semiconductors, and Telecommunications).



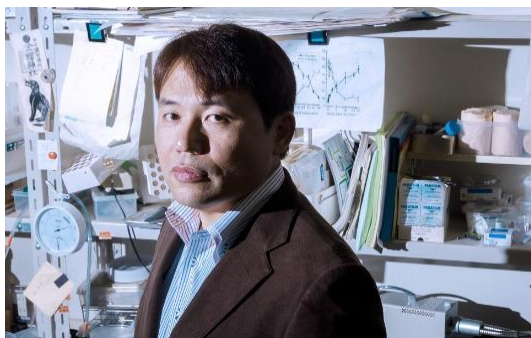
CMB- Inflate

Prof. Ishino, Okayama University

Coordinator: University of Paris (France)

The main goal of CMB-INFLATE is to build a community of scientists dedicated to the development of innovative analysis of large angular scale Cosmic Microwave Background (CMB) polarization data to identify the inflation mechanism.

The final objective of the community is to measure the gravitational wave signal from the inflation period of the Universe by the accurate mapping of the CMB polarisation on large angular scales by future satellite missions.



DryNet Project (H2020)

WhyNotDry (Horizon Europe)

Dr. Kikawada

National Agriculture and Food Research Organization (NARO)

Coordinator: University of TERAMO (Italy)

WhyNotDry will deepen our knowledge on reversible drying in cells and germplasm toward the development of a dry biobanking as an alternative to the current freezing in Liquid Nitrogen (LN).

Participation from Japan (excl. Individual fellowships)

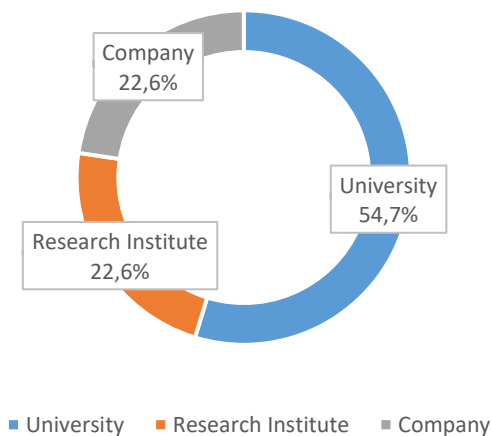
Horizon Europe (2021~)

As of Sep, 2024

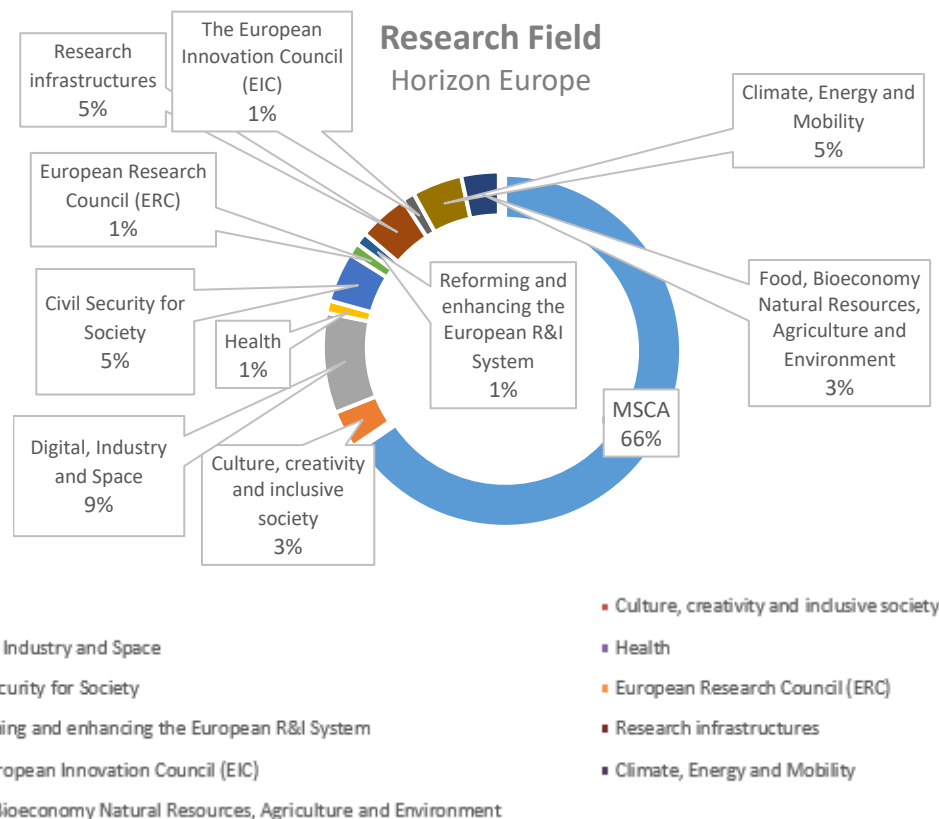
	Projects	Participating Organisations	Total Number of Participating Organisations
Horizon Europe	87	53	109



Organisation Horizon Europe



Research Field Horizon Europe



From Left to Right:
Kwansei University (JST Joint Scheme)
University of Tsukuba (Staff Exchange)
Hokkaido University

Three testimonial slides for Horizon Europe. The first slide features Dr. Teihei Adhian from Kwansei Gakuin University, discussing the 'FASTER' project. The second slide features Dr. Yajima Kazuo from Hokkaido University, discussing the 'ATLANTIC' project. The third slide features Dr. Hironobu Nemoto from the University of Tsukuba, discussing the 'ECOP' project. Each slide includes a photo of the participant and text in Japanese describing their experience with the Horizon Europe program.

https://www.ncp-japan.jp/wp/wp-content/uploads/2022/02/Horizon-Europe-Brochure_NCP_A4size_link.pdf

MSCA Staff Exchange participants
High Energy Accelerator Research Organization (KEK)、Kyushu University、Kyushu Institute of Technology, National Agriculture and Food Research Organization (NARO)、National Astronomical Observatory of Japan (NAOJ, NINS)

A collage of testimonial pages for MSCA Staff Exchange participants. It features several individual profiles with photos and text in Japanese. Participants mentioned include Jennifer, Yano Shiro, Takada Hiroaki, Iwase Akira, Kudo Masahito, Huang Tianyang, and Raffaele Flamio. The pages describe their research and the benefits of the staff exchange program.

<https://www.ncp-japan.jp/wp/wp-content/uploads/2020/05/All-1.pdf>

Thank you!

<https://www.ncp-japan.jp>