

JAPAN - COUNTRY PAGE

1. Available local programmes/funds that could provide support to Japanese Horizon 2020 participants

Japanese researchers, universities, research organisations and enterprises can team up with European partners to participate in projects under Horizon 2020 and use the excellent opportunities Europe offers in research and innovation. Through participation in Horizon 2020, Japanese partners can benefit from access to talent, knowledge, data and infrastructures, and connect to world-leading teams, networks and value chains.

As a high-tech country, well advanced in research and innovation, Japanese participants are, however, not automatically funded through Horizon 2020. Japanese participants have to determine themselves the sources of funding and find the resources for their part of the project. These may be own funds, as well as funds received from Japanese ministries, agencies, foundations and other organisations that fund research and innovation activities in Japan.

In Horizon 2020 Work Programme 2018-20, the Japan Science and Technology Agency ([JST](#)) is providing funding opportunities for Japanese partners in the following call topic:

- [SU-DRS02-2018-2019-2020: Technologies for first responders](#)

For further information, please consult the following web page:

http://www.jst.go.jp/sicp/announce_eujoint_04_GenerallInfo_j.html

You can also contact: Mr. Soichi KUBOTA and Mr. Yuta KAWASHIMA, Department of International Affairs, Japan Science and Technology Agency at jointeu@jst.go.jp

The Ministry of Education, Culture, Sports and Science and Technology (MEXT) is providing funding possibilities for Japanese partners in the following call topic:

- [LC-CLA-07-2019: The changing cryosphere: uncertainties, risks and opportunities](#)

MEXT will fund researchers in Japan who will join a consortium of LC-CLA-072019 by a research project called ArCS. For further information on ArCS, please see the following website: <https://www.arcs-pro.jp/en/>) Therefore, the funding possibilities are only for the researchers who have already participated in ArCS as research members.

You can also contact: Arctic Environment Research Center, National Institute of Polar Research at arcs@nipr.ac.jp

One way to implement the targeted opening of Horizon 2020 to third country participants is through "coordinated calls", which are organised jointly with funding organisations from third countries. This has worked well with Japan for nine calls during the period 2011-2017 in the fields of ICT and ICT robotics/health (with the Ministry of Internal Affairs and Communications - MIC - and the National Institute of Information and Communications Technology of Japan - NICT), aeronautics (with the

Ministry of Economy, Trade and Industry - METI), energy (with the New and Industrial Technology Development Organisation (NEDO) and materials/critical raw materials (with Japan Science and Technology Agency - JST).

In Work Programme 2018-20, a coordinated call is launched together with MIC/NICT in the area of ICT, with two topics:

- [EUJ-01-2018](#): Advanced technologies (Security/Cloud/IoT/BigData) for a hyper-connected society in the context of Smart City
- [EUJ-02-2018](#): 5G and beyond

Japanese partners may also request funding from the European Commission; however, this is provided only in exceptional cases.

2. Current priorities / roadmap for EU-Japan S&T cooperation

Cooperation with Japan is a particular priority for the EU as the potential to work for mutual benefit in a wide range of areas is especially strong. The EU and Japan share many of the same challenges (energy security, access to critical raw materials, ageing populations), and we have together adopted a [strategic partnership in research and innovation](#). Therefore, Japanese participation is welcomed in most of the calls for proposals under Horizon 2020.

The [roadmap for cooperation between the EU and Japan](#) provides an overview of what are considered to be the medium term priorities for future cooperation, reflecting the current state of agreement in the EU-Japan policy dialogue.

Areas of substantial cooperation include Information and Communication Technology (ICT), transport research (notably in aeronautics, but also cooperation possibilities in automated driving), and advanced materials research. In addition to these areas, there is a mutual interest to increase cooperation in the fields of health/medical research, environment/climate research (Arctic research, Disaster Risk Reduction), renewable energy, and Quantum Technologies in the future.

Japanese participation is welcomed in most of the Calls for Proposals of Horizon 2020. There are also 22 Call topics that specifically encourage cooperation with Japan in Horizon 2020 Work Programme 2018-20:

Call identifier	Title	Deadline first stage (if applicable)	Final deadline
DT-ART-01-2018	Testing, validation and certification procedures for highly automated driving functions under various traffic scenarios based on pilot test data		04 Apr 2018
DT-ART-02-2018	Support for networking activities and impact		04 Apr 2018

	assessment for road automation		
EUJ-01-2018	Advanced technologies (Security/Cloud/IoT/BigData) for a hyper-connected society in the context of Smart City		31 Jan 2018
EUJ-02-2018	5G and beyond		31 Jan 2018
INFRAIA-01-2018-2019	Integrating Activities for Advanced Communities		22 Mar 2018 20 Mar 2019
MG-2-5-2018	Innovative technologies for improving aviation safety and certification in icing conditions		04 Apr 2018
NMBP-13-2018	Risk Governance of nanotechnology (RIA)	23 Jan 2018	28 Jun 2018
NMBP-14-2018	Nanoinformatics: from materials models to predictive toxicology and ecotoxicology (RIA)	23 Jan 2018	28 Jun 2018
SC1-HCC-03-2018	Support to further development of international cooperation in digital transformation of health and care		24 Apr 2018
SC5-17-2018	Towards operational forecasting of earthquakes and early warning capacity for more resilient societies	27 Feb 2018	04 Sep 2018
SU-DRS01-2018-2019-2020	Human factors, and social, societal, and organisational aspects for disaster-resilient societies		23 Aug 2018 22 Aug 2019
SU-DRS02-2018-2019-2020	Technologies for first responders		23 Aug 2018
DT-ART-03-2019	Human centred design for the new driver role in highly automated vehicles		24 Apr 2019
DT-ART-04-2019	Developing and testing shared, connected and cooperative automated vehicle fleets in urban areas for the mobility of all		24 Apr 2019
ICT-06-2019	Unconventional Nanoelectronics		28 Mar 2019
LC-CLA-07-2019	The changing cryosphere: uncertainties, risks and opportunities		19 Feb 2019
LC-MG-1-7-2019	Future propulsion and integration: towards a hybrid/electric aircraft		24 Apr 2019
MG-2-9-2019	Integrated multimodal, low-emission freight transport	16 Jan 2019	12 Sep 2019

	systems and logistics (Inco Flagship)		
NMBP-15-2019	Safe by design, from science to regulation: metrics and main sectors (RIA)	22 Jan 2019	03 Sep 2019
SU-SPACE-22-SEC-2019	Space Weather		12 Mar 2019
NMBP-16-2020	Safe by design, from science to regulation: behaviour of multi-component nanomaterials (RIA)		
NMBP-17-2020	Regulatory science for medical technology products (RIA)		

3. Brochures and other local communication materials aiming to support Japanese participation in Horizon 2020

An information sheet about "Why to participate in Horizon 2020" for Japanese researchers and research organisations is found [here](#).

An information sheet on "How to participate in Horizon 2020" is found [here](#).

The roadmap for EU-Japan S&T Cooperation is found [here](#).

There is also the Euraxess "[European Funding Guide for Researchers and Students in Japan](#)".

4. Webpage of the Delegation of the EU to Japan and functional mailbox

Delegation of the European Union to Japan:

https://eeas.europa.eu/delegations/japan/19229/science-and-technology-relations_en

Questions may be addressed to the Delegation e-mail: DELEGATION-JAPAN@eeas.europa.eu

5. National Contact Points and other assistance services

To find the contact details of the Japan Horizon 2020 National Contact Points (NCPs) or those of your potential partner's country, you can search for NCPs by country, thematic areas and/or function:

http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html

National NCP Coordinator for Japan:

Dr. Naomichi YAMADA, EU-Japan Centre for Industrial Cooperation

Tel +81 3 6408 0281

E-mail: naomichi.yamada@eu-japan.gr.jp

Web: www.eu-japan.eu

EURAXESS Links Japan - Researchers in motion:

A networking tool for European researchers working outside Europe and non-European ones wishing to collaborate and/or pursue a research career in Europe. Country Representative EURAXESS Links Japan:

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Web: <http://ec.europa.eu/euraxess/index.cfm/links/eurRes/japan>

Japan Country Desk in Directorate-General (DG) Research and Innovation, European Commission:

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