

# 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 2016-17, the Japan Science and Technology Agency ([JST](#)) is providing funding opportunities for Japanese partners in the following two call topics:

- NMBP-02-2016: Advanced Materials for Power Electronics based on wide bandgap semiconductor devices technology
- NMBP-03-2016: Innovative and sustainable materials solutions for the substitution of critical raw materials in the electronic power system

For further information, please consult the following web page:

[http://www.jst.go.jp/sicp/announce\\_eujoint\\_03\\_GeneralInfo.html](http://www.jst.go.jp/sicp/announce_eujoint_03_GeneralInfo.html)

You can also contact: Mr. Takashi MURAKAMI, Mr. Sumito SHIRANE, and Mr. Hideo NAKAJIMA, Department of International Affairs, Japan Science and Technology Agency at [jointeu@jst.go.jp](mailto:jointeu@jst.go.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 five calls in FP7 in the fields of ICT (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 Horizon 2020 Work Programme 2014-2015, two coordinated calls were launched – in ICT (with MIC/NICT) and in aeronautics (with METI).

In Work Programme 2016-2017, two coordinated calls are launched, in the areas of ICT and Novel ICT Robotics based solutions for active and healthy ageing:

- SCI-PM-14-2016: EU-Japan cooperation on Novel ICT Robotics based solutions for active and healthy ageing at home or in care facilities – call topic launched together with MIC/NICT

- H2020-EUJ-2016, with topics: 5G, IoT/Cloud/Big Data, and Experimental testbeds – call launched together with MIC/NICT

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 recently adopted a [new strategic partnership in research and innovation](#). Therefore, Japanese participation is welcomed in all 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), aeronautics, and materials including Critical Raw Materials (CRMs). In addition to these areas, there is a mutual interest to increase cooperation in the fields of health/medical research, environment, energy, and high-energy physics in the future.

Japanese participation is welcomed in most of the Calls for Proposals of Horizon 2020. There are also 23 Call topics that specifically target cooperation with Japan in Horizon 2020 Work Programme 2016-17:

Call topic	Deadline first stage (if applicable)	Final deadline
<a href="#">INFRAIA-01-2016-2017: Integrating Activities for Advanced Communities</a>		30/03/2016
<a href="#">INFRAIA-02-2017: Integrating Activities for Starting Communities</a>	30/03/2016	29/03/2017
<a href="#">ICT-07-2017: 5G PPP Research and Validation of critical technologies and systems</a>		08/11/2016
<a href="#">ICT-08-2017: 5G PPP Convergent Technologies</a>		08/11/2016
<a href="#">ICT-13-2016: Future Internet Experimentation - Building a European experimental Infrastructure</a>		12/04/2016
<a href="#">ICT-31-2017: Micro- and nanoelectronics technologies</a>		25/04/2017
<a href="#">EUJ-01-2016: 5G – Next Generation Communication Networks</a>		19/01/2016
<a href="#">EUJ-02-2016: IoT/Cloud/Big Data platforms in social application contexts</a>		19/01/2016
<a href="#">EUJ-03-2016: Experimental testbeds on Information-Centric Networking</a>		19/01/2016
<a href="#">NMBP-02-2016: Advanced Materials for Power Electronics</a>	08/12/2015	24/05/2016

<a href="#">based on wide bandgap semiconductor devices technology</a>		
<a href="#">NMBP-03-2016: Innovative and sustainable materials solutions for the substitution of critical raw materials in the electric power system</a>	08/12/2015	24/05/2016
<a href="#">INNOSUP-08-2017: A better access to industrial technologies developed overseas</a>		28/03/2017
<a href="#">SC1-PM-14-2016: EU-Japan cooperation on Novel ICT Robotics based solutions for active and healthy ageing at home or in care facilities</a>		12/04/2016
<a href="#">MG-3.2-2017: Protection of all road users in crashes</a>	26/01/2017	19/10/2017
<a href="#">MG-3.5-2016: Behavioural aspects for safer transport</a>	20/01/2016	29/09/2016
<a href="#">ART-06-2016: Coordination of activities in support of road automation</a>		26/01/2016
<a href="#">GV-02-2016: Technologies for low emission light duty powertrains</a>		26/01/2016
<a href="#">GV-08-2017: Electrified urban commercial vehicles integration with fast charging infrastructure</a>		01/02/2017
<a href="#">SC5-16-2016-2017: Raw materials international cooperation</a>		08/03/2016
<a href="#">ENG-GLOBALLY-06-2017: The Asia-Pacific as a strategic region for Europe</a>		02/02/2017
<a href="#">DS-05-2016: EU Cooperation and International Dialogues in Cybersecurity and Privacy Research and Innovation</a>		25/08/2016
<a href="#">SwafS-14-2017: A Linked-up Global World of RRI</a>		30/08/2017
<a href="#">SCC-04-2016: Sustainable urbanisation</a>		08/03/2016

### 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](#).

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: <http://www.euinjapan.jp/en/relations/science-research/horizon2020/>

Questions may be addressed to the Delegation e-mail: [DELEGATION-JAPAN@eeas.europa.eu](mailto: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](http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html)

### **National NCP Coordinator for Japan:**

Dr. Hiroshi MATSUMOTO, EU-Japan Centre for Industrial Cooperation

Tel +81 3 6408 0281

E-mail: [hiroshi.matsumoto@eu-japan.gr.jp](mailto:hiroshi.matsumoto@eu-japan.gr.jp)

Web: [www.eu-japan.eu](http://www.eu-japan.eu)

**JEUPISTE:** FP7 project with the objective to strengthen science, technology and innovation cooperation between the EU and Japan with a number of activities: <http://www.jeupiste.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:

Dr. Matthieu PY

Tel Office: (+81) (0)3 5276. Mobile phone: (+81) (0)50 7115 5317.

E-mail: [japan@euraxess.net](mailto:japan@euraxess.net)

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

- **Japan Country Desk** in Directorate-General (DG) Research and Innovation, European Commission: Anne HAGLUND MORRISSEY. E-mail: [anne.haglund-morrissey@ec.europa.eu](mailto:anne.haglund-morrissey@ec.europa.eu)