

1st JAPAN-SPAIN JOINT CALL FOR R&D&I PROJECTS 2019

NEDO-CDTI JOINT CALL FOR PROPOSALS UNDER THE JAPAN-SPAIN INNOVATION PROGRAMME (JSIP)

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The cooperation agreement of establishing the bilateral technology cooperation programme “Japan-Spain Innovation Programme” was signed by the New Energy and Industrial Technology Development Organization (NEDO) and the Centre for the Development of Industrial Technology, E.P.E. (CDTI), on December 3, 2008. The objective of the Japan-Spain Innovation Programme is to promote and fund market - driven research and technology development as well as to encourage partnerships and business-oriented Joint Research and Development and Innovation (R&D&I) projects between entities from both countries. Within this Programme, CDTI and NEDO agreed to launch joint calls for proposals.

The joint call for proposals aims to launch ambitious joint projects of a high international standard between Japanese and Spanish companies. Potential projects will be funded by NEDO in Japan and CDTI in Spain.

CALL GUIDELINES:

1) IMPLEMENTING AGENCIES

The New Energy and Industrial Technology Development Organization (NEDO) under the Ministry of Economy, Trade and Industry, Government of Japan and the Centre for the Development of Industrial Technology (CDTI) under the Ministry of Science, Innovation and Universities, Government of Spain, are the implementing agencies from the Japanese and Spanish sides, respectively.

NEDO plays an important part in Japan's economic and industrial policies as one of the largest public research and development management organizations. It has two basic missions: addressing energy and global environmental problems, and enhancing industrial technology.

CDTI is a Public Entity under the Ministry of Science, Innovation and Universities, Government of Spain, which fosters the technological development and innovation of Spanish Companies.

2) THEMATIC AREAS

This Call for proposals is open to collaborative R&D projects in the following areas/sectors:

- Energy
- Environment
- Smart Technologies, such as IoT, AI, Big data etc.
- Advanced Production Technologies
- Materials
- Nanotechnology
- Life Science, Biotech and Medical fields would be able to submit, if they are related to other fields that are under NEDO's responsibility (which is mentioned above and can be seen in the following link: http://www.nedo.go.jp/english/introducing_tdf1.html).
- And any other sector of mutual interest

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3) TYPE OF PROPOSALS

Industry-driven and market-oriented R&D projects, joint technological cooperation projects between companies from Japan and Spain consisting in the development or substantial improvement of new products, processes or services will be considered.

Duration of projects: 24 months.

The subject of the project must be part of the themes of the call for projects,

The Technology Readiness Level (TRL) of the proposed project must be greater than TRL 3 and lower than TRL7.

4) TIMETABLE

- Launch of Call for Proposals: June 28, 2019
- Deadline for Submission of completed applications (*): September 17, 2019
(* Common proposal in English for both agencies as well as the individual proposal in its own language required by each agency.
- Verification and adequacy (*) by CDTI of the required document for International Joint Project Eligibility: within 5 working days from the deadline.
(* It is only applicable for Spanish Applicants and this is not the evaluation for the International Joint Project Eligibility
- Funding approval (estimated): December, 2019

5) WHO CAN APPLY?

Eligible Spanish Applicants

The Spanish consortium should include at least one company. Participation of research institutes/universities and other organizations is welcome as self-funded participants or subcontractors.

Eligible Japanese Applicants

A private Japanese company who legally registered in Japan or a consortium of which leader is a private Japanese company who legally registered in Japan. The portion of the consortium leader's project budget shall be more than 50% of the total project budget of the Japanese consortium. Research institutes/universities and the other organizations can participate in the consortium provided that their budgetary portion is less than 50% of the total project budget of the Japanese consortium.

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6) HOW TO APPLY?

The co-applicants from both countries must prepare **jointly a Japan Spain Innovation Programme (JSIP) APPLICATION FORM in English for both agencies** and each applicant should prepare **separately an individual proposal in its own language for each agency**.

- **Joint JSIP APPLICATION Form**

The Joint R&D&I proposal by JSIP APPLICATION FORM in English must be submitted to CDTI and NEDO, by September 17, 2019. Unilaterally submitted proposals shall not be considered.

- Japanese and Spanish co-applicants must elaborate a single project proposal application (Annex 1 – JSIP Application Form).

In the JSIP Application Form, the applicants must emphasize how the proposed collaboration adds value, main technology highlights and innovations, activities to be developed by the Parties involved underlining the collaborative work being carried out on each side, their expertise, etc.

Please note that the JSIP Application Form must be sealed and signed by all co-applicants at the end of the document, expressly indicating name and job title of the signer. Any other relevant information not expressly mentioned on the form and that the applicants consider relevant may be included as Annexes.

- In addition to the common Application Form, the co-applicants have to submit the following documents as relevant appendices:
 - **Copy of Joint Development Agreement (JDA) (JSIP Consortium Agreement) in English** whereby the co-applicants should agree upon the ownership, access rights and exploitation of intellectual property generated during the cooperation, to be submitted to CDTI and NEDO, **or copy of Letter of Intent (LOI)**. The copy of JDA or LOI needs to be sealed and signed

by all co-applicants from both countries. In case a copy of LOI is submitted at the time of application, the copy of signed JDA must be submitted before October 17, 2019 otherwise the proposal will lose the eligibility to be supported.

- **Additional specific documents required by NEDO:**
To be announced through NEDO's website at the time of call opening.
- **Additional specific documents required by CDTI:**
CDTI does not require any other document.

- **Individual R&D&I proposal**

The individual R&D&I proposal in its own language must be submitted to CDTI and NEDO on its own due date established by each agency.

- **The Individual Proposal in Japanese language required by NEDO:**

The proposal and the other documents in Japanese language for the NEDO subsidy must be submitted on September 17, 2019 together with the documents of Joint R&D&I proposal

- **The Individual Proposal in Spanish required by CDTI:**

The proposal and the other documents in Spanish required for the PID application must be submitted within 5 working days after receiving the notification email from CDTI of the Common Proposal verification.

Spanish applicants shall submit the above-mentioned common proposal in English as well as the individual proposal in Spanish following CDTI's normal guidelines and using CDTI's electronic services at <https://sede.cdti.gob.es>

Japanese applicants shall submit the above-mentioned common proposal in English as well as the individual proposal in Japanese language following NEDO guidelines.

Japanese side (NEDO)

Mr. Toshihiko Hiranuma

NEDO JSIP National Manager

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International Affairs Department

New Energy and Industrial Technology Development Organization (NEDO)

Address: MUZA Kawasaki Central Tower 18F,

1310 Omiya-cho, Saiwai-ku, Kawasaki,

Kanagawa 212-8554, JAPAN

Website: https://www.nedo.go.jp/koubo/AT091_100145.html (for pre-announcement)

Spanish side (CDTI)

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CDTI JSIP National Manager

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Department of Foreign Technological Action

Centre for the Development of Industrial Technology - CDTI

Address: Cid 4 – 28001 Madrid, Spain

Website: www.cdti.es

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7) ELIGIBLE COSTS AND FUNDING

The project must clearly specify the costs of each and all the activities pertaining to the project and specify the costs to be respectively borne by the Spanish and Japanese partners. The cost of the Japanese and Spanish partners must be eligible under the laws that may be applicable in each country and under internal regulations of CDTI and NEDO, respectively.

The funding conditions from NEDO are set in Yen and the ones from CDTI in €. Budgets must be expressed in the local currency of each applicant. All figures and budgetary conditions in this Call refer to the value of both currencies on the date of the launch of the Call (September 17, 2019).

None of the countries' budget (namely the budget of its entities participating in the proposal) can have more than 70% of the total project budget of Spain and Japan.

The Spanish company will be funded according to the International Technological Cooperation Projects' conditions identified on CDTI's website. CDTI can only provide funding to Spanish companies subject to budget availability.

NEDO funding conditions are subject to NEDO's own rule which will be provided via NEDO's website.

8) REVIEW PROCESS AND EVALUATION

All received proposals are peer reviewed and processed independently by both sides. After having received the recommendations of the respective evaluation panels, NEDO and CDTI will jointly arrive at a mutual understanding on the projects to be funded.

9) EVALUATION CRITERIA (for Spanish applicants)

The evaluation criteria are the following:

- Crucial Criteria
 - Financial capacity of Partner
 - Formal Agreement between Partners
- Basic Assessment Criteria
 - Partnership and Partners
 - Well balanced partnership
 - Added Value through co-operation
 - Technology Capacity of all Partners
 - Managerial Capacity of all Partners
 - Project Structure
 - Methodology and Planning Approach
 - Milestones and deliverables
 - Cost and financing structure
 - Financing commitment of each Partner
- Technology and Innovation
 - Technological Advance
 - Degree of technological maturity and risk
 - Technological Achievements
 - Innovation
 - Degree of innovation
 - Geographical / sector impact
- Market and Competitiveness
 - Market and profitability
 - Market size
 - Market access and risk
 - Return on investment
 - Competitive advantages
 - Strategic importance of the project
 - Enhanced capabilities and visibility

10) FUNDING DECISIONS

NEDO and CDTI will, after having formed their mutual understanding on the projects to be funded, make their funding decisions according to their normal procedures and rules and on a non-exchange of funds basis. CDTI and NEDO will inform the beneficiaries about the funding decisions according to their normal practice.

11) REPORTING and PROJECT OUTPUT

Funding granted by NEDO and CDTI will be governed by the general terms and conditions of each funding organization, respectively. Both parties will carry out an international

follow-up until the completion of the projects and inform the counterpart about the success or failure of the international cooperation at the end of the project.

If required, each participant should submit financial and technical reports to their national funding organizations, according to national regulations. The progress and final results of each individual contract/letter of grant will be monitored by the respective national funding organizations.