

Needs Survey Guidance for Science and Technology Research Partnership for Sustainable Development

1. Objective

This program is designed to promote international joint research in which both Japanese research institutions and those of recipient countries work together based upon the social needs in recipient countries. Its aims are to obtain new knowledge and to utilize research outcomes to the benefit of the society with a view to resolving global issues such as the environment and energy, biological resources, disaster prevention, and infectious diseases. In conjunction with this, it also aspires to improve the development of human resources and research capabilities in recipient countries by conducting joint research.

2. Roles of JST and JICA

SATREPS is carried out through the collaboration of four Japanese institutions: the Ministry of Foreign Affairs (MOFA) and JICA, as well as the Ministry of Education, Culture, Sports, Science and Technology (MEXT) and the Japan Science and Technology Agency (JST). JICA provides technical cooperation for recipient countries that are targeted for projects. JST provides support to Japanese research institutions for research costs outside of the targeted countries, including within Japan (information including the project scheme is found in Figure 1).

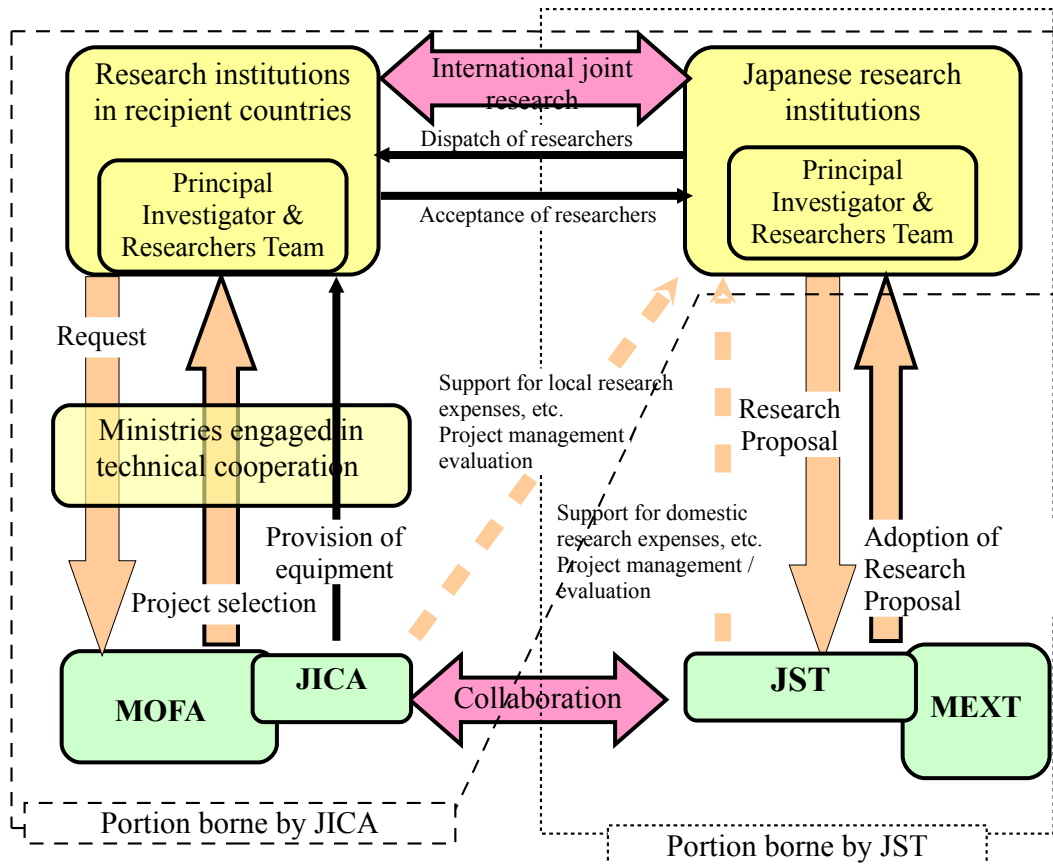


Figure 1. Project Scheme

3. Eligible Fields of Research

SATREPS targets specific fields as follows:

- 1) Environment/Energy
“Research contributing to the resolution of global-scale environmental issues”
- 2) Environment/Energy
“Research contributing to advanced energy systems for low carbon society”
- 3) Bioresources
“Research contributing to sustainable utilization of bioresources”
- 4) Natural Disaster Prevention
“Research on natural disaster prevention and mitigation measures attuned to the needs of developing countries”
- 5) Infectious Diseases Control
“Research on measures to address infectious diseases control attuned to the needs of developing countries”

4. Essential Qualifications required for the proposed research project

- 1) A specific joint research structure must be well-prepared between the research institutions in the recipient country concerned and those in Japan that will undertake the joint research.
- 2) The substantive and practicable structure for the operation in the research institutions in the recipient country concerned must be confirmed in order for the joint research to be appropriately carried out.
- 3) There must be a request for assistance through Official Development Assistance (ODA) pertaining to the joint research from the recipient country concerned, and it must be confirmed that the requested project will contribute to the development or restoration of the economy and society in the areas around.
- 4) In conjunction with the ODA request mentioned above in the paragraph 3), research institutions in Japan must submit a research proposal to JST, and the content of the proposal must be evaluated by JST as a research worthy of being selected.

5. Content of the Desirable Research Cooperation

- 1) The requested research must have ideas that will lead to the future utilization of research outcomes to the benefit of society. It should not be a research for the sake of research itself.
- 2) There must be the expectation of improving the scientific and technological standards of both the recipient country and Japan.
- 3) The contents of the research plan must be narrowed down and it must be highly specific. There must also be the expectation that a certain degree of results will be

brought about from the research within the cooperation period.

6. Organizations for the Joint Research

Organizations of the Joint Research are required to be those which carry out activities with a public nature in the targeted field(s), such as universities (including private schools), public research institutions, and so on (except military-affiliated research institutions). In addition, they must have structures that are suitable for conducting international joint research.

7. Cooperation Period

The period of the Joint Research is three to five years.

8. Expenses supported by JICA and by JST

JICA covers the expenses needed for the Japanese research institutions to carry out research cooperation activities in the recipient country (expenses for the dispatch of researchers from Japan, acceptance of invited foreign researchers, provision of equipment and research expenses incurred in recipient countries, etc.). In such cases, outlays management will be handled by JICA or by Japanese research institutions as is the case with ordinary technical cooperation projects, without the project expenses being directly distributed to the research institutions in the recipient country.

JST furnishes the Japanese research institutions with the expenses that they will need in order to conduct research in Japan and to set in place structures necessary for research cooperation.

Please note in advance that, as this program is implemented within the ODA framework, it cannot provide support for local costs, such as the personnel costs for researchers from the recipient country, their travel expenses, supply expenses, or the cost of renting an office, etc. in the recipient country.

9. Selection process of the research proposals

Under SATREPS, JST engages in public recruitment for research proposals with a focus on research institutions within Japan at the same time as the ODA needs survey that is conducted by MOFA and JICA. Reviews are then held from scientific and technological perspectives while capitalizing on the knowledge of experts in the fields concerned.

Both the request form for an ODA project applied by the recipient country and the proposal document(s) for research project applied by the Japanese research institutions under JST program are to be submitted by the prescribed deadline. In case that the both applied projects are confirmed to be identical (i.e., represent the same subject of research) as candidate projects for SATREPS, those candidate projects will be subject to the selection process. Then, in case that both of them are deemed worthy of being selected as projects for SATREPS, a final decision for the adoption of the projects will be made. Please bear in mind that any ODA request form and/or research proposal document that have not been submitted by the deadline will not be acceptable.

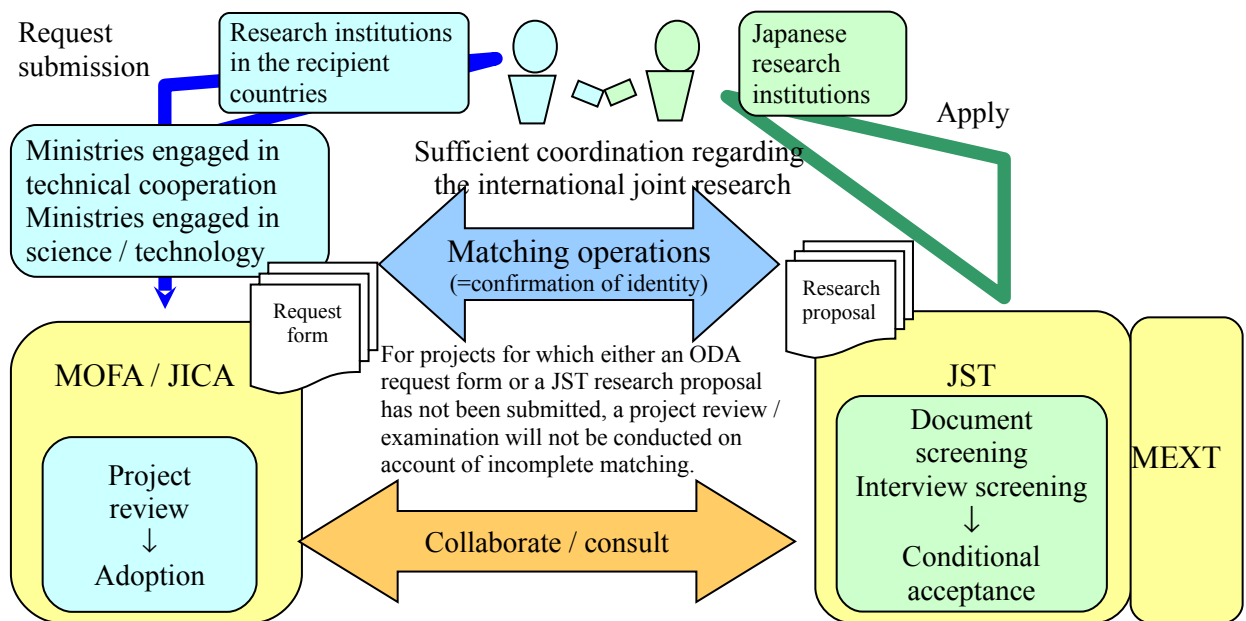


Figure 2. Selection process for the research proposal

10. Considerations

- 1) Under SATREPS, as stated above, project examinations will only be carried out on projects for which both the ODA request form and the research proposal by Japanese research institutions have been submitted by the prescribed deadline and of which identity has been confirmed. Please kindly be noted that the required documents are to be submitted to the relevant authorities on the Japanese side (Japanese Embassy or JICA Office) by the submission deadline communicated separately by the Japanese side.
- 2) Please list specific information on the Japanese research institution(s) (the name of the research representative on the Japanese side, the name of their affiliated institution, etc.) that will conduct the international joint research on the ODA application form. With regard to the English project title listed on the ODA application form, you are kindly requested to write the same project name as is described in the written research proposal submitted by the Japanese research institutions to JST based upon consultations with the said research institutions. All of these constitute important information in terms of confirming identity in the matching operations.

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