

No. 5641/DSTE/PCS&T/DEA/JICA/TA-I/2021/476  
GOVERNMENT OF PUDUCHERRY  
DEPARTMENT OF SCIENCE, TECHNOLOGY & ENVIRONMENT  
PUDUCHERRY COUNCIL FOR SCIENCE & TECHNOLOGY  
III FLOOR, PHB BUILDING, ANNA NAGAR, PUDUCHERRY-5  
Telephone: 0413 - 2201256      TeleFax: 0413 - 2203494

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Puducherry, the 31 AUG 2021

CIRCULAR

**Sub:** DSTE - PCS&T - Proposals invited under Technical Cooperation Program, "Science and Technology Research Partnership for Sustainable Development (SATREPS) for FY 2022 under the ODA scheme - Communication of circular - Reg.

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Department of Economic Affairs, Ministry of Finance, Govt. of India has initiated this Technical Cooperation (TC) program entitled 'Science and Technology Research Partnership for providing Sustainable Development (SATREPS)' under the Official Development Assistance (ODA) scheme in collaboration with the Government of Japan. This programme shall establish International Framework to deal with global issues related to environment / energy, bio resources, natural disaster and infectious disease. Govt. of Japan has suggested the following field of research:

- i. Research contributing to the solution of global-scale environmental issues (Contributing to SDGs - response to climate change, conservation of ecosystems and biodiversity, sustainable use of natural resources and pollution prevention and control (Environment / Energy).
- ii. Research on realization of low carbon society and efficient use of energy (Contributing to SDGs - clean energy and Climate action (Environment / Energy).
- iii. Research contributing to sustainable production and utilization of bio resources (Contributing to SDG - food security, health promotion, nutrition Improvement and sustainable agriculture, forestry fisheries) [Bio resources].
- iv. Research on disaster prevention and mitigation towards social sustainability [Contribution to SDGs - analysis of disaster mechanisms, prior countermeasures and disaster occurrence to post - disaster recovery and reconstruction process] [Disaster Prevention and Mitigation]
- v. Research on measures to address infectious disease control attuned to the needs of developing countries [Infectious Disease Control].

The projects will be scrutinised by the line Ministries / Departments and NITI Aayog and their comments will be uploaded on the portal. The screening Committee in DEA would consider the TC proposals submitted online with comments of Line Ministry and NITI Aayog. The proposals cleared by the Screening Committee will be posted to Govt. of Japan for further approval. The Proposals may be submitted from Government Institutions/Agencies/Organisations in the prescribed format to MoF, GoI, on or before 10<sup>th</sup> September, 2021 under intimation to this Department.

Encl: As above.

To  
As per the mailing list.

Copy to:

1. Shri. K.A. Sivadas,  
Under Secretary (Japan) to Govt. of India,  
Department of Economic Affairs,  
Ministry of Finance, New Delhi - 110001

For favour of Information, Please.

2. Standing Guard File.

(DR.S. DINESH KANNAN, IFS)  
DIRECTOR/ M.S. (PCS&T)

DESPATCHED

31/8/2021





24/8



No. 2/15/2021-IP  
Government of India  
Ministry of Finance  
Department of Economic Affairs  
(JICA Projects Section)

North Block, New Delhi  
19th August, 2021

OFFICE OF THE SECRETARY  
(Science, Technology & Environment)  
No. 542/Secy/Env/PA/24  
Received on: 23 AUG 2021  
Despatched on: 23 AUG 2021

CIRCULAR

Sub: Technical Cooperation Program "Science and Technology Research Partnership for Sustainable Development (SATREPS)" for FY 2022 under the ODA Scheme.

Government of Japan has invited proposals from Government of India for the technical cooperation program 'Science and Technology Research Partnership for Sustainable Development (SATREPS)' for FY 2022 under the ODA Scheme, in order to establish international framework to deal with global issues related to environment/energy, bioresources, natural disaster and infectious diseases.

2. In this regard, the eligible research fields of SATREPS in FY 2022 as decided by Govt. of Japan are as follows:

- i. Research contributing to the solution of global-scale environmental issues (Contributing to SDGs – response to climate change, conservation of ecosystem and biodiversity, sustainable use of natural resources and pollution prevention and control) (Environment/Energy)
- ii. Research on realization of low carbon society and efficient use of energy (Contributing to SDGs – clean energy and climate action) (Environment/Energy)
- iii. Research contributing to sustainable production and utilization of bioresources (Contributing to SDGs- food security, health promotion, nutrition improvement and sustainable agriculture, forestry and fisheries) (Bioresources)
- iv. Research on disaster prevention and mitigation towards social sustainability (Contributing to SDGs- analysis of disaster mechanisms, prior countermeasures and disaster occurrence to post-disaster recovery and reconstruction processes) (Disaster Prevention and Mitigation)
- v. Research on measures to address infectious diseases control attuned to the needs of developing countries (Infectious Disease Control).

3. The Technical Cooperation (TC) Projects seeking external assistance including JICA are now required to be submitted to the relevant Ministries/Departments through the PPR portal that is <https://eapdea.gov.in/ppr>. These proposals will then be examined by the line Ministries/Departments and NITI Aayog and their comments will be uploaded on the portal. The Screening Committee in DEA would consider the TC proposals submitted online with comments of Line Ministry and NITI Aayog. The proposals cleared by the Screening Committee will be posed to Govt. of Japan.

Contd/--



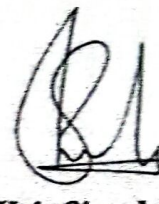
3. While formulating the proposal, the eligible research fields of SATREPS may be strictly adhered to. It may be kept in mind that the size and scope of the proposal should be modest and realistic in terms of its cost implications. Below points may also be adhered to while uploading the TC proposals:

- i) Application Form for Japan's Technical Cooperation (enclosed) is also to be filled and attached in the online portal alongwith PPR.
- ii) Point 15 of the online PPR, which talks about the Financial Arrangements, may be indicated as '0' as this is only Technical Assistance.

4. In view of the above, all the State Govts./PIAs are requested to fill the online form on the aforesaid portal and mark/forward the same to Central Line Ministries and NITI Aayog as well as DEA, attaching the application form in the prescribed format for JICA TC projects **latest by 10.09.2021**. Central Line Ministries and NITI Aayog would thereafter upload its comments/ recommendations in the portal. **The timeline may be adhered to as delayed proposals are not accepted by the external agency.**

5. If any assistance for registering in the webportal and uploading the documents is required, Mr. Sanjeev Mathur, Technical Director, NIC may be contacted on Tele. No. 011-23095136; email: sanjeevm@nic.in.

**Encl: As above**



19/08/2021

(K.A. Sivadas)

Under Secretary to the Govt. of India

Tel: 011-23095770

Email: ka.sivadas@nic.in

To,

1. Secretary, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi, Email: secy-moef@nic.in
2. Secretary, Department of Health & Family Welfare, Ministry of Health & Family Welfare, Nirman Bhavan, New Delhi, Email: secyhfw@nic.in
3. Secretary, Department of Health Research, Ministry of Health & Family Welfare, Nirman Bhavan, New Delhi: balram.bhargava@gov.in
4. Secretary, Ministry of Power, Shram Shakti Bhavan, New Delhi, Email: secy-power@nic.in
5. Secretary, Ministry of New & Renewable Energy, Block No. 14, CGO Complex, Lodhi Road, New Delhi, Email: secy-mnre@nic.in
6. Secretary, Ministry of Agriculture and Farmers Welfare, Department of Agriculture Research and Education, Krishi Bhawan, New Delhi. Email: secy.icar@nic.in
7. Joint Secretary (Disaster Management Division), Ministry of Home Affairs, Disaster Management Division, NDCC II Building, 3<sup>rd</sup> Floor, Jai Singh Road, New Delhi, Email: jsdm(at)nic.in

Contd/--



8. Technical Director (Shri Sanjeev Mathur), NIC, DEA with a request to extend necessary cooperation to the PIAs/ State Govts/ Ministries/ Departments in this regard.

**Copy also to:**

1. The Chief Secretary, Government of Andhra Pradesh, Velagapudi, Guntur.
2. The Chief Secretary, Government of Arunachal Pradesh, Itanagar.
3. The Chief Secretary, Government of Assam, Guwahati.
4. The Chief Secretary, Government of Bihar, Patna.
5. The Chief Secretary, Government of Chattisgarh, Raipur.
6. The Chief Secretary, Government of NCT of Delhi, Delhi.
7. The Chief Secretary, Government of Gujarat, Gandhinagar.
8. The Chief Secretary, Government of Goa, Panji.
9. The Chief Secretary, Government of Haryana, Chandigarh.
10. The Chief Secretary, Government of Himachal Pradesh, Shimla.
11. The Chief Secretary, Government of Jharkhand, Ranchi.
12. The Chief Secretary, Government of Karnataka, Bangalore.
13. The Chief Secretary, Government of Kerala, Thiruvananthapuram.
14. The Chief Secretary, Government of Madhya Pradesh, Bhopal.
15. The Chief Secretary, Government of Maharashtra, Mumbai.
16. The Chief Secretary, Government of Manipur, Imphal.
17. The Chief Secretary, Government of Meghalaya, Shillong.
18. The Chief Secretary, Government of Mizoram, Aizawl.
19. The Chief Secretary, Government of Nagaland, Kohima.
20. The Chief Secretary, Government of Orissa, Bhubaneswar.
21. The Chief Secretary, Government of Punjab, Chandigarh.
22. The Chief Secretary, Government of Rajasthan, Jaipur.
23. The Chief Secretary, Government of Sikkim, Gangtok.
24. The Chief Secretary, Government of Tamil Nadu, Chennai.
25. The Chief Secretary, Government of Tripura, Agartala.
26. The Chief Secretary, Government of Uttarakhand, Dehradun.
27. The Chief Secretary, Government of Uttar Pradesh, Lucknow.
28. The Chief Secretary, Government of West Bengal, Kolkata.
29. The Chief Secretary, Government of Telangana, Hyderabad.
30. Administrator, Union Territory of Jammu and Kashmir
31. Administrator, Union Territory of Ladakh
32. Administrator, Union Territory of Dadra and Nagar Haveli.
33. Administrator, Union Territory of Daman and Diu.
34. The Chief Secretary, Union Territory of Puducherry.
35. Administrator, Union Territory of Chandigarh.
36. Administrator, Union Territory of Lakshadweep.
37. Chief Secretary, Union Territory of Andaman & Nicobar.



## APPLICATION FORM FOR JAPAN'S TECHNICAL COOPERATION

1. **Date of Entry:** Day \_\_\_\_\_ Month \_\_\_\_\_ Year \_\_\_\_\_
2. **Applicant:** The Government of \_\_\_\_\_
3. **Technical Cooperation (T/C) Title:** \_\_\_\_\_
4. **Type of the T/C** ※Select only one scheme.
- ☐ Technical Cooperation Project / Technical Cooperation for Development Planning
- ☐ Science and Technology Research Partnership for Sustainable Development (SATREPS)
- ☐ Individual Expert      ☐ Individual Training
5. **Contact Point ( Implementing Agency):** \_\_\_\_\_
- Address: \_\_\_\_\_
- Contact Person: \_\_\_\_\_
- Tel. No.: \_\_\_\_\_ Fax No. \_\_\_\_\_
- E-Mail: \_\_\_\_\_

6. **Background of the T/C**

*(Current conditions of the sector, Government's development policy for the sector, Issues and problems to be solved, Existing development activities in the sector, the Project's priority in the National Development Plan / Public Investment Program, etc.)*

(Please tick in check box if any items below apply the T/C)(for African or Pacific Island Countries only)

- ☐ Contents of the T/C match with the National Development Plan
- ☐ Contents of the T/C match with STI for SDGs Roadmap

7. **Outline of the T/C**(1) **Overall Goal**

*(Long-term objective)*

(2) **T/C Purpose**

*(Objective expected to be achieved by the end of the project period. Elaborate with quantitative indicators if possible)*



**(3) Outputs**

*(Objectives to be realized by the "T/C Activities" in order to achieve the "T/C Purpose")*

**(4) T/C Site**

*(In case there is any particular candidate site, please give specifics such as the name of the target area for the T/C and attach a rough map to the documents submitted. The attached map should be at a scale that clearly shows the project site.)*

**(5) T/C Activities**

*(Specific actions intended to produce each "Output" of T/C by effective use of the "Input".)*

**(6) Input from the Recipient Government**

*(Counterpart personnel (identify the name and position of the Project manager), support staff, office space, running expenses, vehicles, equipment, etc.)*

**(7) Input from the Japanese Government**

*(Number and qualification of Japanese experts/consultants, contents of training (in Japan and in-country) courses, seminars and workshops, equipment, etc.)*



**8. Implementation Schedule**

Month \_\_\_\_\_ Year \_\_\_\_\_ ~ Month \_\_\_\_\_ Year \_\_\_\_\_

**9. Description of an Implementing Agency**

*(Budget allocated to the Agency, Number of Staff of the Agency, Department/division in charge of the T/C, etc.)*

**10. Related Information**

**(1) Prospects of further plans and actions/ Expected funding resources for the Project:**

*(If implementing agency plans to take some (future) actions in connection with this proposed project, please describe the concrete plans/action and enter the funding sources for the plans and actions.)*

**(2) Activities in the same sector of other donor agencies, the recipient government and NGOs and others:**

*(Please pay particular attention to the following items:*

*—Whether you have requested the same project to other donors or not.*

*—Whether any other donor has already started a similar project in the target area or not.*

*—Presence/absence of cooperation results or plans by third-countries or international agencies for similar projects.*

*—In the case that a project was conducted in the same field in the past, describe the grounds for requesting this project/study, the present status of the previous project, and the situation regarding the technology transfer.*

*—Whether there are existing projects/studies regarding this requested project/ study or not.*

*(Enter the time/period, content and concerned agencies of the existing studies.)*

**11. Global Issues (Gender, Poverty, Climate change, etc.)**

*(Any relevant information of the project from global issues (gender, poverty, climate change, etc.) perspective.)*

**12. Environmental and Social Considerations**

**(In case of Technical Cooperation Project (including SATREPS) / Technical Cooperation for Development Planning, please fill in the attached screening format.)**

(Note) If JICA considers that the environmental and social considerations are required to the T/C, the applicants agree on JICA's information disclosure of the T/C for public



hearing in accordance with JICA guidelines for environmental and social considerations as stated in Question 11 of the attached Screening Format.

**13. Others**

|  |
|--|
|  |
|--|

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

On behalf of the Government of \_\_\_\_\_

Date: \_\_\_\_\_



**Additional Form for Expert**

※If the applicants select the Individual Expert in 4. , this form needs to be filled out.

**1. Type of Assignment**

(New / Extension)

If this type is "Extension", please show whose extension it is.

**2. Qualifications and Experience required**

(1) Age Limit

(2) Educational Background

(Doctor / Master / Bachelor)

(3) Practical Experience on Related Field

(4) Language

(Name / Level)

(5) Other Qualification and Experience



### Additional Form for SATREPS

※If the applicants select the SATREPS in 4. , please fill out this form.

#### 1. Japanese Partner of SATREPS

(1) Research Institutions: \_\_\_\_\_

(2) Principal Investigator of Japanese side: \_\_\_\_\_

(3) Other Researchers: \_\_\_\_\_

#### 2. Institutional profile

(1) Research Institutions: \_\_\_\_\_

(2) Principal Investigator: \_\_\_\_\_

(3) Previous international joint research projects related this SATREPS (Give their titles in English) If the projects are supported by other agencies, provide agency names, and years.

| (Title of the project) | (Name of the agency) | (Year) |
|------------------------|----------------------|--------|
|                        |                      |        |

(4) Current research projects related this SATREPS (Give their titles in English) If the projects are supported by other agencies, provide agency names, and years)

| (Title of the project) | (Name of the agency) | (Year) |
|------------------------|----------------------|--------|
|                        |                      |        |

#### 3. List of available equipment for the proposed research

| (Name of equipment) | (Specification /type and performance) | Exclusive/<br>Joint Use | (FY of Installation) |
|---------------------|---------------------------------------|-------------------------|----------------------|
|                     |                                       |                         |                      |



## Screening Format (Environmental and Social Considerations)

Please write "to be advised (TBA)" when the details of a project are yet to be determined.

Question 1: Address of project site

Question 2: Scale and contents of the project (approximate area, facilities area, production, electricity generated, etc.)

2-1. Project profile (scale and contents)

2-2. How was the necessity of the project confirmed?

Is the project consistent with the higher program/policy?

☐ YES: Please describe the higher program/policy.

( )

☐ NO

2-3. Did the proponent consider alternatives before this request?

☐ YES: Please describe outline of the alternatives

( )

☐ NO

2-4. Did the proponent implement meetings with the related stakeholders before this request?

☐ Implemented      ☐ Not implemented

If implemented, please mark the following stakeholders.

☐ Administrative body

☐ Local residents

☐ NGO

☐ Others ( )

Question 3:

Is the project a new one or an ongoing one? In the case of an ongoing project, have you received strong complaints or other comments from local residents?

☐ New    ☐ Ongoing (with complaints)    ☐ Ongoing (without complaints)

☐ Other

( )

Question 4:



Is an Environmental Impact Assessment (EIA), including an Initial Environmental Examination (IEE) Is, required for the project according to a law or guidelines of a host country? If yes, is EIA implemented or planned? If necessary, please fill in the reason why EIA is required.

☐Necessity (☐Implemented ☐Ongoing/planning)

(Reason why EIA is required: )

☐Not necessary

☐Other (please explain)

Question 5:

In the case that steps were taken for an EIA, was the EIA approved by the relevant laws of the host country? If yes, please note the date of approval and the competent authority.

|   |  |  |
|---|--|--|
| <input type="checkbox"/> Approved without a supplementary condition | <input type="checkbox"/> Approved with a supplementary condition | <input type="checkbox"/> Under appraisal |
|---|--|--|

(Date of approval: Competent authority: )

☐Under implementation

☐Appraisal process not yet started

☐Other ( )

Question 6:

If the project requires a certificate regarding the environment and society other than an EIA, please indicate the title of said certificate. Was it approved?

☐Already certified

Title of the certificate: ( )

☐Requires a certificate but not yet approved

☐Not required

☐Other ( )

Question 7:

Are any of the following areas present either inside or surrounding the project site?

☐Yes ☐No

If yes, please mark the corresponding items.

☐National parks, protection areas designated by the government (coastline, wetlands, reserved area for ethnic or indigenous people, cultural heritage)

- ☐ Primeval forests, tropical natural forests
- ☐ Ecologically important habitats (coral reefs, mangrove wetlands, tidal flats, etc.)
- ☐ Habitats of endangered species for which protection is required under local laws and/or international treaties
- ☐ Areas that run the risk of a large scale increase in soil salinity or soil erosion
- ☐ Remarkable desertification areas
- ☐ Areas with special values from an archaeological, historical, and/or cultural points of view
- ☐ Habitats of minorities, indigenous people, or nomadic people with a traditional lifestyle, or areas with special social value

Question 8:

Does the project include any of the following items?

- ☐ Yes      ☐ No

If yes, please mark the appropriate items.

- ☐ Involuntary resettlement      (scale:                      households                      persons)
- ☐ Groundwater pumping      (scale:                      m<sup>3</sup>/year)
- ☐ Land reclamation, land development, and/or land-clearing (scale:                      hectares)
- ☐ Logging                      (scale:                      hectares)

Question 9:

Please mark related environmental and social impacts, and describe their outlines.

- ☐ Air pollution
- ☐ Water pollution
- ☐ Soil pollution
- ☐ Waste
- ☐ Noise and vibrations
- ☐ Ground subsidence
- ☐ Offensive odors
- ☐ Geographical features
- ☐ Bottom sediment
- ☐ Biota and ecosystems
- ☐ Water usage
- ☐ Accidents
- ☐ Global warming



- ☐ Involuntary resettlement
- ☐ Local economies, such as employment, livelihood, etc.
- ☐ Land use and utilization of local resources
- ☐ Social institutions such as social infrastructure and local decision-making institutions
- ☐ Existing social infrastructures and services
- ☐ Poor, indigenous, or ethnic people
- ☐ Misdistribution of benefits and damages
- ☐ Local conflicts of interest
- ☐ Gender
- ☐ Children's rights
- ☐ Cultural heritage
- ☐ Infectious diseases such as HIV/AIDS
- ☐ Other ( )

Outline of related impact:

[ ]

Question 10:

In the case of a loan project such as a two-step loan or a sector loan, can sub-projects be specified at the present time?

☐ Yes

☐ No

Question 11:

Regarding information disclosure and meetings with stakeholders, if JICA's environmental and social considerations are required, does the proponent agree to information disclosure and meetings with stakeholders through these guidelines?

☐ Yes

☐ No





EMBASSY OF JAPAN  
INDIA

New Delhi

5 August 2021

Mr. Avanish Kumar Mishra,  
Deputy Director General (Japan),  
Department of Economic Affairs  
Ministry of Finance, North Block  
New Delhi

**Science and Technology Research Partnership for Sustainable Development (SATREPS)  
under the ODA scheme**

Dear Mr. Mishra,

I would like to inform you that the Government of Japan is presently soliciting proposals for the technical cooperation program 'Science and Technology Research Partnership for Sustainable Development (SATREPS)' for FY2022 under the ODA scheme (technical cooperation), in order to establish a strong international framework to deal with global issues like environment/energy, prevention of natural disaster and infectious diseases. Needs Survey Guidance and Application Form are enclosed herewith for your reference.

The eligible research fields of SATREPS in FY 2022 are decided as follows;

- (1) Research contributing to the solution of global-scale environmental issues (Contributing to SDGs - response to climate change, conservation of ecosystems and biodiversity, sustainable use of natural resources, and pollution prevention and control)  
(Environment/Energy)
- (2) Research on realization of low carbon society and efficient use of energy (Contributing to SDGs - clean energy and climate action)  
(Environment/Energy)
- (3) Research contributing to sustainable production and utilization of bioresources (Contributing to SDGs - food security, health promotion, nutrition improvement, and sustainable agriculture, forestry, and fisheries)  
(Bioresources)
- (4) Research on disaster prevention and mitigation towards social sustainability (Contributing to SDGs - analysis of disaster mechanisms, prior countermeasures, and disaster occurrence)



to post-disaster recovery and reconstruction processes)

(Disaster Prevention and Mitigation)

(5) Research on measures to address infectious diseases control attuned to the needs of developing countries

(Infectious Diseases Control)

We would like to kindly request that Indian proposals be submitted to the Embassy of Japan in New Delhi by Friday, 22nd October 2021.

Yours sincerely,



Yuki YOSHIDA

Second Secretary

Encl: As above

CC: Mr. K. A. Sivadas, Under Secretary (Japan)

Department of Economic affairs, Ministry of Finance  
Government of India

Mr. Katsuo Matsumoto, Chief Representative, JICA India Office Japan International  
Cooperation Agency (India Office)



# Needs Survey Guidance for Science and Technology Research Partnership for Sustainable Development (SATREPS)

## 1. Outline of the Program

In recent years global issues that cannot be resolved by one country or region alone have been on the rise around the world, including global warming, energy and biological resource issues, the spread of infectious diseases, and the occurrence of natural disasters.

In FY2008, Japan launched a program called "Science and Technology Research Partnership for Sustainable Development (SATREPS)" as a framework for international cooperation that strives to resolve these global issues. Based upon the needs of and requests by recipient countries, this program aspires to promote international joint research between research institutions in Japan and those in recipient countries in order to obtain new knowledge that is conducive to resolving global issues. It also aims to ensure capacity building of research institutions in developing countries.

## 2. Details of the Program

### (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) Eligible Fields of Research

|   |   |
|---|---|
| <u>Environment and Energy</u>             | 1) Research contributing to the solution to global-scale environmental issues<br>(Contributing to SDGs - response to climate change, conservation of ecosystems and biodiversity, sustainable use of natural resources, and pollution prevention and control) |
|   | 2) Research on realization of low carbon society and efficient use of energy<br>(Contributing to SDGs - clean energy and climate action)  |
| <u>Bioresources</u>                       | 3) Research contributing to sustainable production and utilization of bioresources<br>(Contributing to SDGs - food security, health promotion, nutrition improvement, and sustainable agriculture, forestry, and fisheries)                                   |
| <u>Disaster Prevention and Mitigation</u> | 4) Research on disaster prevention and mitigation towards social sustainability<br>(Contributing to SDGs - analysis of disaster mechanisms, prior countermeasures, and disaster occurrence to post-disaster recovery and reconstruction processes)            |
| <u>Infectious Diseases Control</u> ※      | 5) Research on measures to address infectious diseases control attuned to the needs of developing countries   |



\*Special lots for African or Pacific Island Countries

This year (JFY2021)'s call will welcome for proposals with either of following themes.

1) Proposal in cooperation with African countries harnessing ICT (except for infectious disease control), reflecting "Recommendations toward TICAD7" by Advisory Panel for the Promotion of Science and Technology Diplomacy.

2) Proposal in cooperation with Pacific Island Countries tackling with climate change or focusing disaster prevention and mitigation, reflecting Japan's diplomacy target Free and Open Indo-Pacific (FOIP) and Pacific Bond Policy announced at the PALM 9.

To apply for this lot, applicant needs to mark the checkboxes in the ODA application form whether the project match with National Development Plan or STI for SDGs Roadmap. Please note that all proposals/applications (including the proposals/applications for special lots) shall be selected through the selection process lined below (8).

### (3) Cooperation Period

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

### (4) Steering structure (Roles of JST/AMED 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) / the Japan Agency for Medical Research and Development (AMED).

JICA provides technical cooperation for recipient countries that are targeted for projects. JST and AMED provide supports 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). AMED takes care of research projects in the field of infectious diseases. The other fields of research are taken care of by JST.



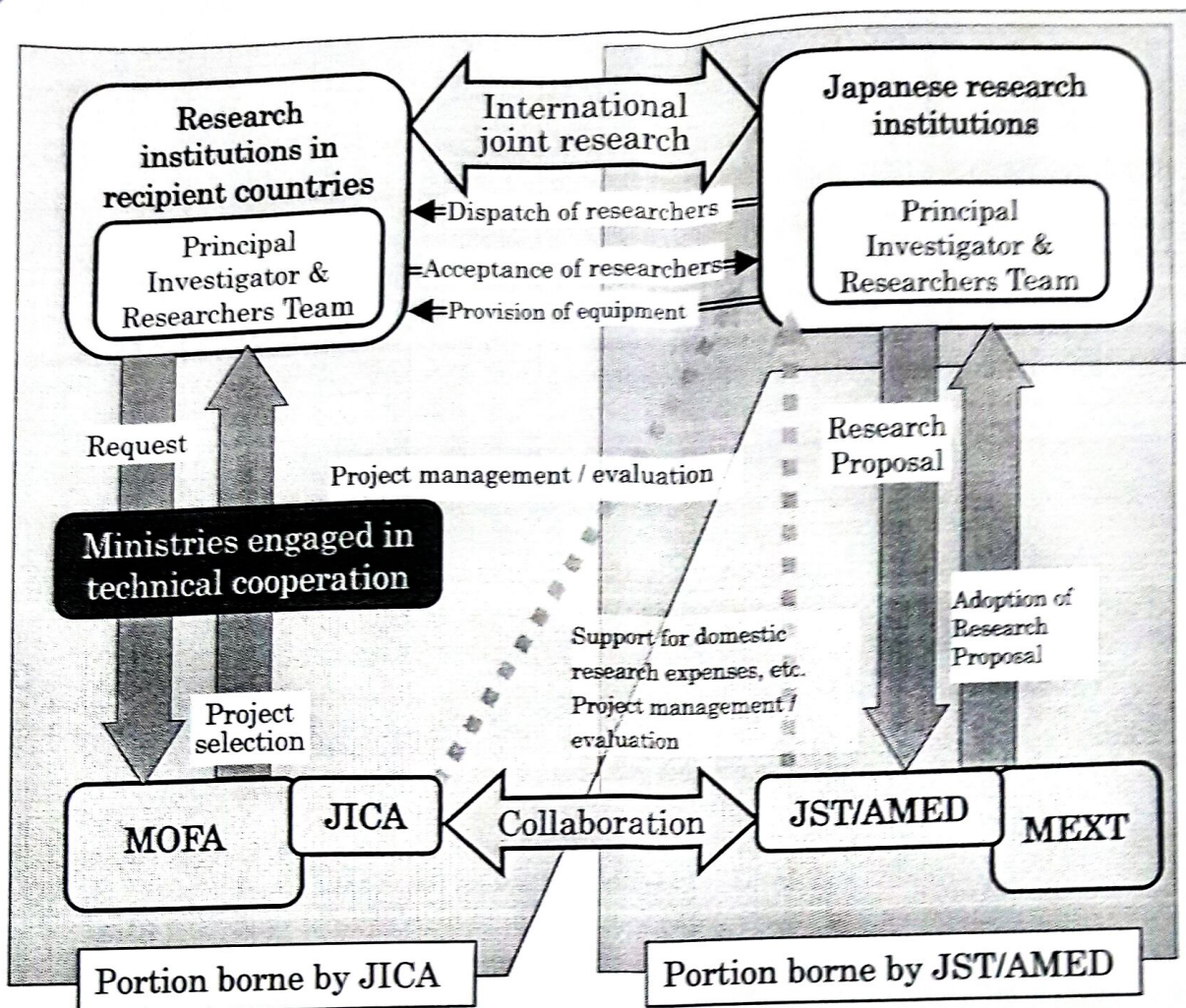


Figure 1. Project Scheme

(5) 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/AMED, and the content of the proposal must be evaluated by JST/AMED 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) Expenses supported by JICA and by JST/AMED

JICA covers the expenses needed for the Japanese research institutions to carry out research cooperation activities (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 JICA's technical cooperation projects.

JST/AMED furnish the Japanese research institutions with the expenses that they will need in order to conduct research in Japan and the third countries 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.

(8) Selection process of the research proposals

Under SATREPS, JST/AMED engage 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/AMED programs 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



