

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) 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.