

Gist of Recommendations

Responding to global challenges and utilizing diplomatic opportunities

Recommendation 1: Establish a position to ‘take leadership for the solution of global challenges by using science, technology and innovation to achieve desirable international circumstances’ (clearly position science and technology diplomacy (STD) as the new axis of the Japanese diplomacy).

Recommendation 2: Build a mechanism to rapidly identify the ‘next challenges’ of the international community which will be important in the future and for which Japan can readily exercise leadership.

Recommendation 3: In light of the identified issues, set a diplomatic agenda based on scientific evidence, and lead international efforts.

Reinforcement of cooperation with diplomatically important partner and newly emerging states

Recommendation 4: Promote strategic joint research and development with partner countries with high diplomatic importance.

Recommendation 5: Along with promoting overseas activities of Japanese companies, actively support capacity improvement in designing policies on science and technology innovation, and the development of innovative human resources, in emerging economies.

Recommendation 6: Strengthen cooperation with emerging and developing countries through triangular cooperation that utilizes ODA coordinated with third countries or the Science and Technology Research Partnership for Sustainable Development (SATREPS) program, and move ahead with setting up strategic joint projects with emphasis on innovation for emerging economies and ODA graduate countries.

Recommendation 7: Strengthen human resources development cooperation (assistance for engineering universities etc.) and proceed with next-generation network-building.

Recommendation 8: Utilize science and technology human resources personnel in diplomatic activities through private-sector exchanges.

Strengthen the utilization of scientific knowledge in formulating and implementing diplomatic policy

Recommendation 9: Appoint a *science and technology advisor* to the Minister for Foreign Affairs on a trial basis.

Recommendation 10: Build networks in and out of the nation for strengthening coordination with relevant ministries, organizations, academic experts and the industrial community, and formulate a structure for assisting the *science and technology advisor*.

Recommendation 11: Seek to bolster the capacity and number of the personnel at the overseas diplomatic missions in charge of science and technology (including strengthening information-sharing and coordination with headquarters and other missions, and enhancing training opportunities).

Develop human resources for supporting STD

Recommendation 12: Have mid-career and young researchers participate in formulating diplomatic policy (through work at the Ministry of Foreign Affairs, assist the *science and technology advisor*, and by sending them to international organizations).

Strengthening networks and dissemination of information

Recommendation 13: Proactively convey the message that Japan will ‘take leadership for the solution of global challenges by using science, technology and innovation to achieve desirable international circumstances’ to the international community at a high level, including the Prime Minister and the Minister for Foreign Affairs.

Recommendation 14: Strategically target influential science and technology-related organizations while promoting intellectual exchange, and strengthen the STD network.

Recommendation 15: Strengthen dissemination of Japan’s science and technology information abroad by dispatching scientists and pursuing coordination with exhibition facilities at home and abroad (Japan House, for example).

