



Science and Technology Cooperation with Africa



April 27, 2009



独立行政法人

科学技術振興機構

Japan Science and Technology Agency

I . Science and Technology Cooperation with Developing Countries –Policy and Programs–

THE GOVERNMENT OF
JAPAN



In memory of
Dr. Hideyo NOGUCHI, a distinguished Japanese medical
scientist who died in Accra on 21st May, 1928 from yellow fever,
which he was investigating to find a solution to save humanity.



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Background

- ❑ Global issues are emerging and becoming a growing concern for humankind: they are appearing more complicated and difficult to resolve than before
- ❑ Many research issues and needs are in developing countries
- ❑ Cooperation between developed and developing countries in science and technology is needed to cope with global challenges
- ❑ Traditional technology transfer is not enough for addressing global issues: new knowledge and technologies are necessary for emerging issues
- ❑ Self-reliant capability in science and technologies is key for sustainable challenges to resolution and growth in developing countries



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Japan's new approach: Science and Technology Diplomacy

- ❑ Science and Technology Diplomacy means tight linkage between S&T policy and Diplomacy.
- ❑ MEXT has been strategically promoting S&T activities, based on recommendations in the “Towards the Reinforcement of Science and Technology Diplomacy (CSTP, May 2008)”.
- ❑ This report focuses on Following points:
 - * Strengthening S&T cooperation with developing countries to solve global issues
 - * Strengthening S&T cooperation by using Japan's R&D capabilities
 - * Strengthening the basis for promoting S&T diplomacy: human capability for global issues; closer linkage between public and public sector, etc.



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MEXT's new Activities: Strengthening S&T cooperation with developing countries to solve global issues (1)

❑ Science and Technology Research Partnership for Sustainable Development

- * Joint program between JICA and JST
- * Support program for joint research between Japanese research institute and developing counterpart institute
- * Scope of support is global issues including issues on environment, energy, disaster, and infectious diseases.

❑ Dispatch of Science and Technology Researchers

- * Joint program between JICA and JSPS
- * Support program for dispatching Japanese researchers for promoting joint research between Japanese research institute and developing counterpart institute
- * JSPS supports for matching the needs of researchers in Japan and those in developing countries

☞ Requests from developing countries are indispensable for the adoption of project and application of support in both programs



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