Independent Innovation & International Cooperation

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Summary of 30 years of Reform and Opening-up

Achievements: Continued rapid economic development
Continually improving living standards
Enhanced overall national strength

Problems: Low industrial levels
Irrational economic structure
Unsustainable economic development

Options: Strengthen independent innovation,
Promote transformation of economic development patterns,
Build an innovation-oriented country
Outline of the National Program for Medium to Long-term Scientific and Technological Development (2006 - 2020)

The 3 Connotations of Independent Innovation

The 16 Major National Science & Technology Projects

Priority Areas for Development - new energy sources etc

Relevant Policies and Measures
Major Policies and Measures

Financial: 973 Program (for national basic research), 863 Program (for national hi-tech research), and National Science & Technology Pillar Program

Taxation: High-tech Enterprises

Bases: Laboratories, engineering centers and large science facilities

Transformations: Innovation centers, university science parks and hi-tech industrial parks technical innovation project
Attach great importance to international cooperation in science and technology

Science and technology cooperative relationships established with 152 countries and regions
Science and technology diplomats sent to 45 countries and regions
Inter-governmental science and technology cooperation agreements signed with 97 countries

350 international science and academic organizations joined
265 Chinese scientists holding posts in various international organizations
Participated in HGP, ITER and European Galileo Program
Sino-US cooperation has always been our key focus

On Jan. 31st, 1979, Sino-US Agreement on Cooperation in Science and Technology was signed.

The above agreement was extended another 5 years during President Hu Jintao's visit to US in April, 2006.
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- Within the framework set by the Agreement,
  - Almost 50 cooperation protocols were signed
  - Cooperative areas cover energy resources, environment, agriculture, basic science, among others
  - Sino-US Scientific and Technological Personnel Exchange Program successfully implemented
  - In Nov. 2009, Protocol on Sino-US Joint Research Center for Clean Energy was signed. The first time that both sides co-financed the joint research

- President Obama spoke highly of science and technology cooperation between the two countries
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- **Existing Problems in Sino-US S&T Cooperation**
  - Insufficient funding
  - Restrictions on hi-tech exports to China
  - Visa problems for Chinese hi-tech personnel visiting US

- **Looking forward to the further development of Sino-US S&T cooperation**
Building the 21st Century: U.S. - China Cooperation on Science, Technology, and Innovation

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