

ANNEX VI
TO THE PROTOCOL ON COOPERATION IN THE FIELD OF FOSSIL ENERGY
TECHNOLOGY DEVELOPMENT AND UTILIZATION
BETWEEN
THE MINISTRY OF SCIENCE AND TECHNOLOGY
OF THE PEOPLE'S REPUBLIC OF CHINA
AND
THE DEPARTMENT OF ENERGY OF THE UNITED STATES OF AMERICA

FOR COOPERATION IN THE AREA OF
ADVANCED COAL-BASED ENERGY SYSTEMS RESEARCH, DEVELOPMENT AND SIMULATION

The Ministry of Science and Technology (MOST) of the People's Republic of China and the Chinese Academy of Sciences (CAS) on the one hand, and Department of Energy (DOE) of the United States of America on the other hand, hereinafter referred to as the "Parties":

Noting the Agreement between the Government of the People's Republic of China and the Government of the United States of America on Cooperation in Science and Technology signed January 31, 1979, as amended and extended, hereafter referred to as the "Umbrella Agreement";

Noting that under the Umbrella Agreement, MOST and DOE signed a Protocol for Cooperation in the Field of Fossil Energy Technology Development and Utilization on April 20, 2000, as extended, hereinafter referred to as the "Protocol";

Noting that Article 2 of the Protocol identifies a number of areas for potential cooperation in the field of fossil energy technology development and utilization, and noting that Article 7 of the Protocol provides that MOST and DOE may invite other organizations to participate in cooperative activities under the Protocol; and

Desiring to establish cooperation between agencies in the People's Republic of China (PRC) and in the United States for advanced coal-based energy systems research, development and simulation;

Have agreed as follows:

ARTICLE I
OBJECTIVES

1. This Annex is subject to the terms and conditions of the Umbrella Agreement and the Protocol. In the event of any conflict between the terms and conditions of the Umbrella Agreement or the Protocol and this Annex, the Umbrella Agreement and the Protocol shall govern.
2. The objectives of this Annex are to promote scientific and technological cooperation between the Parties in the field of advanced coal-based energy systems research, development, and simulation, particularly activities related to research, development, and technology transfer.

3. The activities undertaken pursuant to this Annex are intended to result in substantial mutual benefit and are intended to occur in specific areas where the programs of the Parties complement one another, as well as those in which comparability exists.

ARTICLE 2 AREAS OF COOPERATION

Cooperation under this Annex may include, but is not limited to, the following areas

1. High-volume CO₂ capture, utilization, and storage (CCUS);
2. Advanced gasification and gas turbines;
3. Advanced syngas conversion technologies; and
4. Multi-phase and multi-scale modeling of advanced coal conversion technologies and CCUS.

Other areas may be added by written agreement of the Parties.

ARTICLE 3 PARTICIPATING ORGANIZATIONS

1. The principal organization in the PRC responsible for conduct of the cooperative activities under this Annex shall be the Chinese Academy of Sciences (CAS).
2. The principal organizations in the United States responsible for conduct of the cooperative activities under this Annex shall be DOE's National Energy Technology Laboratory (NETL) and Pacific Northwest National Laboratory (PNNL), and other National Laboratories as determined by DOE.
3. By written agreement of the Parties, other government agencies and organizations may be invited to participate in this Annex

ARTICLE 4 FORMS OF COOPERATION

Cooperative activities undertaken pursuant to this Annex may include any of those forms listed in Article 3 of the Protocol. The Parties shall agree, in advance and in writing, to any new areas of cooperation not identified in the Protocol.

**ARTICLE 5
MANAGEMENT**

Each Party shall designate a Coordinator to oversee all activities under this Annex. In addition, the Annex Coordinators shall be responsible for proposing future activities to the Permanent Coordinating Group under the Protocol with a view to maximizing the mutual benefits of cooperation. An Annex Coordination Meeting shall be held at a mutually agreed site, preferable annually. Individual Tasks under the Annex shall have a Task Coordinator from each of the signatory organizations participating in the Tasks, to manage specific cooperative activities initiated under it, and to establish and maintain working contacts at the staff level.

**ARTICLE 6
COSTS AND TECHNICAL SCOPE**

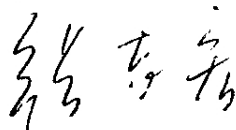
Except when otherwise specifically agreed by the Parties in writing in each joint Task, all costs, including travel and lodging expenses, resulting from cooperation under this Annex shall be borne by the Party that incurs them. The implementation of this Annex by way of joint Tasks is subject to the availability of appropriated funds and personnel, and subject to applicable laws and regulations of the countries of the Parties. Joint Tasks shall, as appropriate, cover such things as exchange of proprietary information, management, total costs, cost sharing, and schedule, and any undertakings, obligations, or conditions necessary to the proposed Task.

**ARTICLE 7
ENTRY INTO FORCE, AMENDMENT, AND TERMINATION**

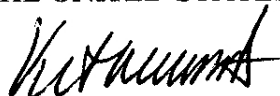
1. This Annex shall enter into force upon signature by the Parties and shall remain in force for the duration of the Protocol. This Annex may be amended by written agreement of the Parties, so long as the Protocol remains in force.
2. At the discretion of either Party, its participation in this Annex may be terminated upon six (6) months advance notice in writing to the other Party.

DONE at San Francisco, California, United States of America, in duplicate, this 25th day of August 2010, in the Chinese and English languages, both texts being equally authentic.

FOR THE MINISTRY OF SCIENCE AND
TECHNOLOGY OF THE PEOPLE'S OF
REPUBLIC OF CHINA:

A handwritten signature in Chinese characters, likely representing a representative of the Ministry of Science and Technology of the People's Republic of China.

FOR THE DEPARTMENT OF ENERGY
THE UNITED STATES OF AMERICA:

A handwritten signature in cursive script, likely representing a representative of the Department of Energy of the United States of America.

FOR THE CHINESE ACADEMY OF
SCIENCES OF THE PEOPLE'S
REPUBLIC OF CHINA: