



US-CHINA CLEAN ENERGY RESEARCH CENTER

AN INVITATION TO JOIN AMERICA'S LEAD TEAM FOR INTERNATIONAL ADVANCED COAL TECHNOLOGY DEPLOYMENT

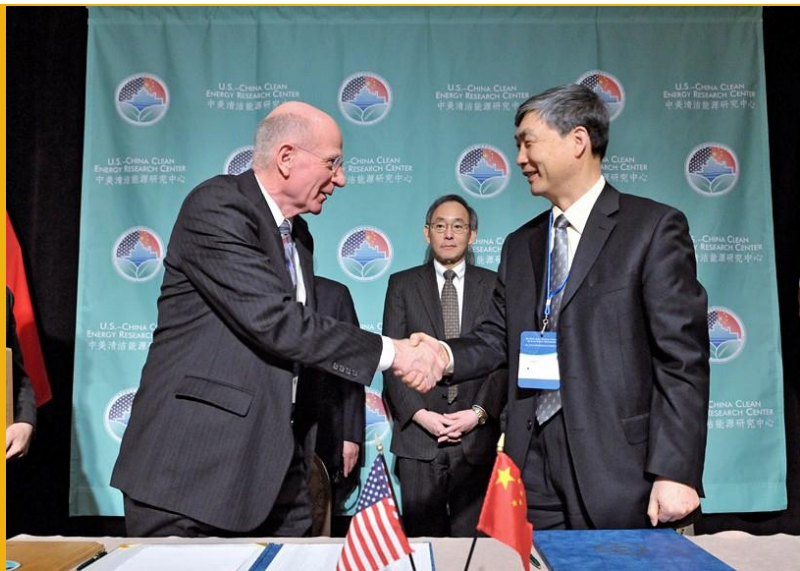
US-CHINA ADVANCED COAL TECHNOLOGY CONSORTIUM — IN 2009 THE US DEPARTMENT OF ENERGY, THE CHINESE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE CHINESE NATIONAL ENERGY ADMINISTRATION HEADED THE CALL FOR NEW ADVANCED COAL TECHNOLOGY ADVANCEMENTS AND DEVELOPED THE US-CHINA CLEAN ENERGY RESEARCH CENTER (CERC).

The effort brought together teams of scientists from the US and China for joint research and development. Under the CERC banner, the US-China Advanced Coal Technology Consortium (US-China ACTC) was formed to serve as America's leader in the area of clean coal technology. The benefits for both nations include creation of environmentally-sound coal technologies for electricity, liquids and syngas; new US-China business-to-business relationships; and advances in US and Chinese energy technology and innovation.

GOALS

To accelerate cutting-edge, market-driven research; commercialize IP; and deploy clean coal technologies on:

- Advanced Modeling, Simulation and Assessment
- CO₂ Utilization (EOR, Microalgae)
- Coal Conversion (Fuels, Chemicals)
- Geological Sequestration
- Advanced Power Generation (IGCC, Oxy-fuel, USC)
- Novel Carbon Capture



PARTICIPATION AND SUPPORT

AN OPPORTUNITY TO JOIN THE CONSORTIUM FOR INTERNATIONAL ADVANCED COAL TECHNOLOGY DEPLOYMENT

Mining, petroleum and gas companies; electric utilities; allied industries (chemicals, metals and cement); OEMs and technology developers; and EPCs and other service companies that share an interest in the development and deployment of clean coal technologies and carbon capture and storage (CCS) in the US and China now have an opportunity to participate in the work of the consortium.

BENEFITS OF PARTICIPATION

- Access to markets in China's clean energy sector
- Established relationships with China's largest private and state-owned energy companies
- US industrial partnerships with manufacturers, coal corporations, and power producers
- Access to procedures for intellectual property rights aimed at technology deployment
- Access to evolving technology, research data and experience
- Participation in collaborative US higher education research

HOW TO SUPPORT THE CONSORTIUM

- Cash contributions to help meet federal cost share requirements
- In-kind contributions of facilities, equipment, materials and services
- Technical expertise

AMERICA'S US-CHINA ACTC CHARTER MEMBERS



中美清洁能源论坛
US-CHINA Clean Energy Forum



MEMBERSHIP CATEGORIES

Governing Board Members (\$300,000/yr for five years) are entitled to:

- Participation in governing the Consortium
- Access to US and China team members' R&D sites
- Access to and use of rights to sublicense inventions and other tangible IP
- Access to and use of technical information, product progress reports, and research
- Full participation in joint meetings, workshops and seminars, including bilateral China-US partnership meetings, annual assessment review, and access to Sharepoint Site

Sustaining Members (\$100,000/yr) are entitled to:

- Access to and use of the Technical Information Progress Reports and results of the research
- Full participation in joint meetings, workshops and seminars including bilateral China-US Partnership Meetings, and the Annual Assessment Review

CONTACT

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