



The Second U.S.-China Energy Efficiency Forum



Lawrence Berkeley National Laboratory

International Cooperation on Advancing Industrial Efficiency

The Global Superior Energy
Performance (GSEP) Initiative



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What is GSEP?

- GSEP is a partnership that:
 - Encourages operators of commercial buildings and industrial facilities to pursue continuous improvement in energy efficiency
 - Promotes public-private partnerships for cooperation on specific technologies or in specific energy-intensive sectors
- GSEP has 13 participants



Canada



Denmark



European Commission



Finland



France



India



Japan



Korea



Mexico



Russia



South Africa



Sweden



United States



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GSEP Organization

- GSEP has five working groups. Members don't have to participate in all groups.

GSEP Partnership

CERTIFICATION
WORKING
GROUP
(Lead: U.S.)

CHP
WORKING
GROUP
(Lead: Finland)

POWER
WORKING
GROUP
(Lead: Japan (P))

STEEL
WORKING
GROUP
(Lead: Japan)

CEMENT
WORKING
GROUP
(Lead: Japan)
PROPOSED

GSEP is an initiative within the Clean Energy Ministerial and the International Partnership for Energy Efficiency Cooperation



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Certification Working Group

- Goal is to develop a network of coordinated, national-level certification programs to encourage industrial facilities and commercial buildings to achieve continuous improvements in energy efficiency
- Three core components:
 - Energy management
 - Minimum rates of improvement
 - Third-party verification
- Builds upon existing activities in participating countries
 - Recognizes different approaches; focuses on sharing best practices



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Power, Steel, Cement

- Builds on existing task forces transitioning from the Asia Pacific Partnership
- Brings together experts and leaders from the public, private and academic sectors to exchange information and create practical projects in a bottom-up manner
- Goal is to share information and cooperate on implementation of new technologies and best practices



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Combined Heat and Power

- Goal is to increase awareness about potential of combined heat and power (CHP) and efficient district heating and cooling (DHC) to reduce fuel consumption and emissions of greenhouse gases through activities such as:
 - Identification of enabling policies
 - Targeted education and outreach
 - Development of best practices
 - On-the-ground projects and technical assistance



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Next Steps

- The United States will host two workshops in Washington DC this year:
 - The Certification Working Group will meet on June 20th and 21st. This is a government-only meeting.
 - All of the other GSEP Working Groups will meet in September or October 2011. This will involve both public and private sector stakeholders.
- These workshops will be an opportunity for stakeholders for each of the Working Groups to come together to identify their objectives and to develop a work plan for the coming year.



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Based on China's active involvement in several of these initiatives through the APP, we would welcome participation in GSEP.

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