



FINAL PROJECT STATUS REPORT FORM

Project Number: 09-51	Task Force: BATF	Date of Project Status Update: June 30, 2010						
Title of Project: Improving Energy Efficiency in Buildings through Improved Operations								
Lead Partner Country: China								
Participating Partner Countries and Organizations: ICF International (US and China) China Ministry of Housing and Urban-Rural Development (China) China Academy of Building Research (China) China Standard Certification Center (China) Q&S Engineering (US)								
Location of Project: China, Beijing; China, Shanghai; China, Guangdong, Guangzhou; China, Sichuan, Chengdu; China, Guangdong, Shenzhen; China, Yunnan, Kunming; China, Zhejiang, Hangzhou, and up to 3 additional cities.								
Project Manager Information: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Name: Kevin Schwartz</td> <td style="width: 50%;">Phone: +1 202 647 6895</td> </tr> <tr> <td>Organization: US Department of State</td> <td>Fax: +1 202 647 0191</td> </tr> <tr> <td>Address: Washington, DC; USA</td> <td>Email: schwartzkm@state.gov</td> </tr> </table>			Name: Kevin Schwartz	Phone: +1 202 647 6895	Organization: US Department of State	Fax: +1 202 647 0191	Address: Washington, DC; USA	Email: schwartzkm@state.gov
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Actions Since Last Update: <i>Please provide a brief description of the Activity undertaken.</i> The project aims to reduce energy use and emissions in existing buildings in China by substantially leveraging the approach and technical resources of a market-based initiative. This project will improve energy efficiency in existing buildings in China through no-cost and low-cost operational best practices and limited technology upgrades, drawing on ICF International’s seven-plus years of on-the-ground experience supporting the US Environmental Protection Agency (EPA) eeBuildings program. During this reporting period, ICF continued development of key tools and resources for program implementation, including: <ul style="list-style-type: none"> • Completed the English BETA version of the Building Performance Monitoring Tool, an Excel-based tool that supports building owners and managers to track and analyze monthly and annual energy and water consumption and costs through a series of automatically generated tables and graphs. In the upcoming quarter, ICF will conduct testing of the tool in Chinese. • ICF also finalized development of the BPMT Training presentation, providing step-wise guidance on how to use the BPMT. ▪ ICF continued to refine the Automated Opportunity Assessment Tool an Excel-based tool to support property managers in identifying the most appropriate no-cost and low-cost operational measures to implement in their buildings based on answers to a simple series of questions included in the tool. In April, ICF and CABR met with China’s Ministry of Housing and Urban-Rural Development (MOHURD) to learn about MOHURD priorities associated with building energy efficiency and how best to align APP activities with these priorities. MOHURD discussed plans for establishing a nation-wide								



certification system for facility managers (similar to Japan's system) and incorporating APP's no-cost and low-cost energy efficiency strategies into the certification system. MOHURD also suggested APP expand activities to Chongqing, Nanjing, Hangzhou, and Tianjin – in alignment with MOHURD's renewable energy application demonstration cities program. MOHURD also linked ICF and CABR to the China Property Management Association (CPMA) in Beijing for training and program activities.

In June, ICF and CABR initiated recruiting activities in Hangzhou by meeting with the Vice Director of the Building Energy Savings Research Institute under the Zhejiang Building Energy Saving Center. The Vice Director invited approximately 150 property managers to attend the training as well as identified two buildings for Opportunity Assessments. Trainings and site assessments are scheduled for early July 2010.

ICF also initiated data collection and verification activities for Chengdu and Guangzhou trained buildings – including finalizing of a questionnaire and data collection form to track energy management activities and accomplishments.



Deliverables Since Last Update: *Please list the outputs delivered by this project.*

- BETA BPMT and OA Tools
- BPMT Training
- APP Recruiting material for Zhejiang Building Energy Saving Center
- Data collection form for city-level case studies

Milestones Reached Over Lifetime of Project: *Please list the major milestones attained with timing (month/year).*

Completed key outputs for Phase 1, including:

- Selection of target cities;
- Prioritization of cities for implementation;
- Identifying members of the building community in target cities;
- Recruiting key partners; and
- Completion of a set of tools for training and implementation in program cities, including case studies, the BPMT, Opportunity Assessment tool, training presentations, and guidebook.

Contributed to progress towards key outputs for Phases 2 and 3, including:

- Delivered program model in Chengdu, Guangzhou, Beijing, and Shanghai;
- Conducted building recruitment activities in Kunming and Hangzhou.
- Developed plans for activities in Hangzhou, Tianjin, Nanjing, and Chongqing.

Contributed to progress toward key outputs for Phase 4, including:

- Initiated data collection activities in implementation cities to support documentation of energy performance improvement results.

Initiated development of city-level case studies for Chengdu and Guangzhou.

Next Steps:

- Continue program activities in Chengdu, Guangzhou, Beijing, Shanghai, and Hangzhou.
- Initialize building recruitment activities and implementation in additional cities.
- Revise tools and resources for dissemination to additional cities as needed.

Continue documenting results and recognizing achievement in participant buildings.

Expected Project End Date: Sept. 2010

Project Already Complete: No

Please provide url address for where activity can currently be found along with new name and/or identification number of project (if applicable).

New Contact Information: (If different from above) *Please provide point of contact to find more information.*



Other Information:

Please attach any supplemental project information to this form.