



## **China's First LEED-CS Gold Office Building Awarded Certification**

April 23, 2008

EMSI has announced that the Prosper Center has been awarded LEED for Core and Shell Gold Certification. This is the first office building in China to achieve LEED CS at the Gold level. LEED, which stands for Leadership in Energy and Environmental Design, is the official green building rating system of the U.S. Green Building Council (USGBC).

The facility is a new 1,600,000 square foot core and shell office building in Beijing. The building has two towers: a west tower with 20 floors, and an east tower with 25 floors. It was developed by the Beijing Prosper Development Company. The design team, together with EMSI, started to incorporate LEED and sustainable design concepts in 2002. The local architectural design firm on the project was the Beijing Institute of Architectural Design.

Prosper Center's certification represents a significant milestone for a number of reasons. It was the first large commercial office building in China to register as a LEED project. It also paved the way for other developers, who followed suit in seeking LEED certification. Being a first in China, the project is a model of high performance design within the heart of China's business and real estate community.

The project achieved LEED CS Gold certification through sustainable site design, water efficient fixtures, a focus on energy efficiency, building materials, and indoor environmental quality. The project employs a high performance chiller with energy recovery, low emissivity glazing,

energy efficient lighting, and building control systems. Improved ventilation rates, and low emitting materials also contribute to creating improved environmental performance and a healthier indoor environment.

The building has attracted tenants seeking environmentally sound office space, including several global real estate and architectural design firms.



### **About EMSI**

EMSI provides planning, architectural and engineering services that focus on creating energy efficient, resource conscious, healthy and productive buildings and neighborhood developments. Our mission is to foster a sustainable built environment by helping to create developments that are economically beneficial and environmentally responsible. EMSI is a leading sustainable design consulting firm, having worked on LEED™ design for a wide range of building types totaling over 20 million ft<sup>2</sup> in construction area. EMSI is part of Carrier, a unit of United Technologies. For more information on EMSI please visit [www.emsi-green.com](http://www.emsi-green.com).