



EMSI Helps “Green” 2008 Beijing Olympic Games

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EMSI has been awarded a second contract by the U.S. Department of Energy (U.S. DOE) to provide sustainable design consulting for the 2008 Beijing Olympics. EMSI’s work is part of Beijing’s efforts to “green” the upcoming Olympic Games.

In 2002, a series of working groups were launched by the Beijing Olympic Committee (BOCOG) to develop sustainable design guidelines for the Olympics. In early 2004, the China Ministry of Science & Technology, the U.S. DOE and the City of Beijing entered into a “Protocol for Cooperation in Clean Energy Technologies for the 2008 Summer Olympic Games in Beijing.” The Protocol led to specific green building projects. In addition, BOCOG working groups produced resource conservation and design goals for Olympic venues including reducing energy consumption by up to 50% compared to conventional buildings in China. These guidelines encourage improved insulation, and high performance heating, ventilation, and air conditioning systems.

EMSI’s work with the Beijing Olympics creates a visible example of sustainable design that can serve as a model for development in China. This is particularly important since the country accounts for roughly half of the world’s total new building construction. Environmentally sound design also contributes to fighting climate change – another important challenge facing China and the world.

In 1994, the International Olympic Committee (IOC) stated that the environment, in addition to sports and culture, would be the third pillar of the Olympics. In 1996, the Olympic Charter

formulated a series of environmental guidelines for the IOC which resulted in creation of the "IOC Guide on Sport, Environment and Sustainable Development." This guideline encouraged all host cities to develop comprehensive environmental management plans for the Olympic Games. Beijing developed, and is in the process of implementing its plans for an environmentally conscious Olympics in 2008.

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 global sustainable built environment by helping to create developments that are economically beneficial and environmentally responsible. EMSI is the leading sustainable design consulting firm in Asia, having completed LEED™ design for a wide range of building types totaling over 20 million ft² in construction area. Our clients include Fortune 500 companies, as well as some of the world’s leading A/E firms and commercial real estate developers. For more information on EMSI please visit www.emsi-green.com.

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