

LEED EB Certification

Project Management and LEED Consulting

Project Background

As part of its work for Auchan China in the area of sustainable development, Baseline identifies and then helps Auchan implement various sustainability projects. In 2009 Baseline suggested that LEED EB (Existing Building) certification be attempted for both of Auchan's existing stores in Wuxi. Auchan agreed that not only would successful LEED EB certification demonstrate its commitment to sustainability but it would also provide sustainability ideas that could then be applied to its other supermarkets around China to reduce their environmental impact. Both Wuxi supermarkets achieved LEED Certification in late 2012.

LEED is an internationally recognized green building program that provides building owners and operators with a framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions. The LEED EB (Existing Building) rating system encourages owners and operators of existing buildings to implement sustainable practices and reduce the environmental impacts of their buildings, while addressing the major aspects of ongoing building operations:

- Exterior building site maintenance programs
- Water and energy use
- Environmentally preferred products and practices for cleaning and alterations
- Sustainable purchasing policies
- Waste stream management
- Ongoing indoor environmental quality

The Auchan Wuxi stores were able to achieve LEED certification through their commitment to energy efficiency, water conservation and alternative transportation.

Baseline's Role

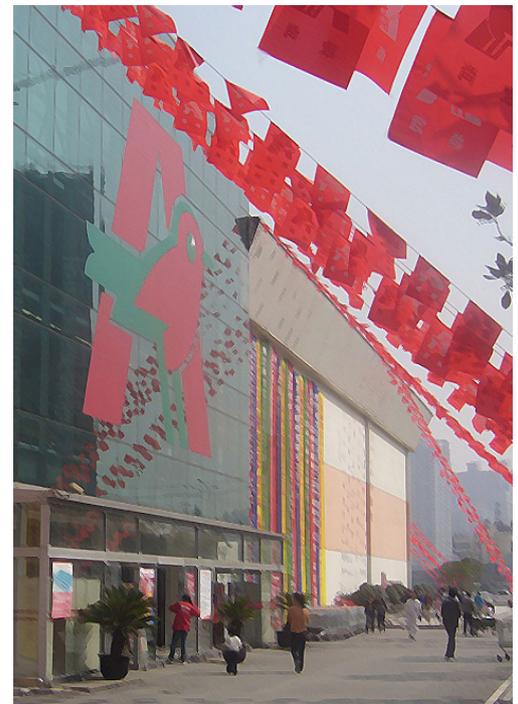
- Project identification and development
- Document preparation and submittal
- Commissioning and coordination of remedial work as required
- Reporting and communication of the project to all project stakeholders



Project Significance

Auchan's Wuxi Changjiangbei hypermarket is the first building of its kind in China to become LEED certified. The store is also one of the first buildings of any type to gain LEED EB certification in China.

By achieving LEED certification, the Auchan Wuxi Changjiangbei store has made it clear that its commitments to the various aspects of sustainable development will ensure that it has as low of an impact on the environment as possible. The store is breaking new ground in China's commercial sector, and paving the way for other Chinese hypermarkets to develop sustainability in a measurable, reportable, and verifiable way.



Some of the major achievements of the project buildings include:

- 30% less energy below the baseline for retail buildings
- 31% less water consumption below the baseline for retail buildings
- 88% of building occupants use alternative transport to get to and from the building