Historic Yangzhou

Yangzhou Old Town Low-Carbon Community Project
A LEED for Homes International Pilot Project
Yangzhou Old Town Low-Carbon Community Project
A LEED for Homes International Pilot Project

History of Yangzhou

Yangzhou City was founded approximately 2,500 years ago. That is when the original Beijing-Hangzhou Grand Canal was first constructed. The length of the canal was extended over the next 1,700 years, and finally connected Beijing and Hangzhou in 1293, with a total length of 1115 feet.

Figure 1. Project Site
Yangzhou, as the city that is located at the junction of the Yangzi River and the Grand Canal, had become one of the major port cities in China. The economy of Yangzhou developed rapidly because of its geographic location. This is one of the reasons why Yangzhou had a rich cultural history.

Meanwhile, many traditional buildings and gardens were built in Yangzhou throughout the history. Back 16th to 17th century, many business people in Yangzhou built beautiful gardens along Slender West Lake. The gardens showcase the best part of traditional Chinese architectural designs.
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Project Description:

Yangzhou City is an ancient city Jiangsu Province, and the low carbon community demonstration project is located in the downtown area of the city. The project site is east to Jusi Ally, south to Nantong East Road, west to Yinshi Street, and north to Xicang Ally. The total project site is 7.6 hectares (18.8 acres). The site is comprised of mainly residential buildings and lacks of mixed use services. The project is primarily composed of Chinese traditional one-floor courtyard style dwelling units. The public right of way is mainly used by walking, bicycling, and motor cycle, and the road is about one to two meters in width.
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Values of the project:
Maintain the traditional design of Chinese building
The Yangzhou Old Town Low-Carbon Community project fully embodies the core values of building rehabilitation. This process repairs and restores the original historical context of the ancient city of Yangzhou.

Local government considers LEED for Homes and LEED-ND as guidance for the preservation and redevelopment in the site. The project is proposed with the support of the US-China Partnership for Climate Action (PCA) program, sponsored by USAID and implemented by the Institute for Sustainable Communities (ISC).

Figure 3. Existing courtyard
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Values of the project:
Maintain the traditional design of Chinese building

Chinese traditional courtyard style building is a great example of application of passive technologies, so the new construction of Chinese traditional courtyard will keep its traditional layout, style, and dimension. Meanwhile, the new courtyard will integrate advanced renewable technologies such as solar thermal collectors, photovoltaic, and ground source heat pump.
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Bring in 21st century technology

Apart from the architectural designs, the Yangzhou project is able to reflect green technology in its design, construction, operation and maintenance, etc. It showcases Energy, Water, Sites, Materials, Indoor Environment Quality and the low-carbon elements of green building, which, from another aspect, improves the living standard for urban residents. The Yangzhou Old Town Low-Carbon Community will be highlighted as a model to illustrate and educate people how to create a better living environment using 21st century green technology.

Figure 5. Green technology implemented
Construction Pictures
Yangzhou Old Town Low-Carbon Community Project

A proposed LEED for Homes International Pilot Project

Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures

Every brick, every yard of sand, every bag of concrete was wheel bared into job site including pumping every yard of concrete mix.
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures

Reminded me of ship building as every piece was cut to fit and lock
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures

The recycled roof tiles are used for walks that are simply beautiful.
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project
Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project
Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project
Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures

Ceiling is dropped below plumbing and lighting.
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project
Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures

National Significant Archeology Protected Site
Qin Dynasty (approx. 1600s – 1800s)

Government of Peoples Republic China

Dedication Jan 13 1988

Jiangsu Provincial Government
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Construction Pictures local Administration, International team and local Contractor
Yangzhou Old Town Low-Carbon Community Project
A proposed LEED for Homes International Pilot Project

Yangzhou Old Town
Shared Moments
Yangzhou Old Town
Shared Moments
Yangzhou Old Town
Shared Moments
Yangzhou Old Town
Shared Moments
Yangzhou Old Town
Shared Moments
Yangzhou Old Town
Shared Moments

Thank you for sharing a Great project in a wonderful and historic land CHINA.

Julius Poston
CEO Stalwart Green Global International