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[\[Report of Honor\]\[Green Building\] Taiwan's First Zero-Carbon Building Gets Global Top Honor by USGBC](#)
[Report of Honor][Green Building] Taiwan's First Zero-Carbon Building Gets Global Top Honor by USGBC
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NCKU News (2011/08/11) The Y. S. Sun Green Building Research Center at National Cheng Kung University, Taiwan's first zero-carbon building, was awarded the top honor by a globally recognized green building ranking system of the U.S. Green Building Council (USGBC) – LEED, a recognition that will put it on the list of The World's Greenest Buildings next year.

The Y. S. Sun Green Building Research Center is the world's first green education center, sponsored by NCKU, Delta Electronics' Chairman Bruce Cheng and more than 30 enterprises. The three-storey, 4,800 square-meter green building, 100% built with green materials with 65% energy saving and 50% water saving, serves as the university's international conference center and is used to showcase technological innovations of green buildings. It is estimated that the building uses 35% of the energy needed in a typical office building. Other key features include toilets which can reduce water runoff -- part of the designs resulting in 50% water saving -- and roof garden soil which uses light-weight ceramics.

The building has also won the highest green building certificate from Taiwan's Ecology, Energy Saving, Waste Reduction and Health (EEWH) rating system a few months back.

According to Hsien-Te LIN, an architecture professor at NCKU and leader of the construction team, the school has signed contracts with companies or organization including 3M, Formosa Plastics Group, etc. to design green buildings or campuses for them.

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[\[Environment\] The First Zero-Carbon Building in Taiwan – NCKU's Y. S. Sun Green Building Research Center to Inaugurate 2011/01/07](#)

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