

# Building Big

**CONCRETE**  
Reaching New Heights

**ACCESS EQUIPMENT**  
High-rise facade cleaning made easy

**ELEVATORS**  
Skyscrapers with a need for speed

**TOWER CRANES**  
Building High-rise with Tower Cranes

some of the other strategies implemented to reduce the building's overall environmental footprint.

**Taipei 101**

Taipei 101 was completed in 2004 and is one of the tallest buildings in the world. It achieved LEED Platinum certification in 2011 and is today recognised as the world's tallest green building.

Taipei 101 invested significantly in retrofits from 2008 to 2010. The existing public lighting was replaced by more efficient luminaries and lighting controls. Energy management and control systems helped improve the efficiency of the heating ventilation and air-conditioning plant. Together these and other such strategies helped Taipei 101 reduce energy consumption by 33.41 million kWh per year and save over \$2 million annually. Taipei 101 also reduced its potable water consumption by approximately 30 per cent. Compared to conventional buildings, this resulted in annual potable water savings of 28 million litres. Installation of low-flow fixtures and a dedicated water management system helped the project achieve its water efficiency target.

The Empire State Building and Taipei 101 are two of many global high rise icons which are leading by example. USGBC and GBCI believe that LEED is for all buildings and they are moving forward in its mission to enable all buildings to become more sustainable and to provide healthier work environments to all the occupants. They are continuing to partner and collaborate with various industry stakeholders



Taipei 101, Taiwan

in this mission. It has to be ensured that all future buildings, communities and cities are designed, built and operated in the most sustainable manner possible, thereby providing a higher quality of life for generations to come. 🌱

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MAKEOVER

FOR EVERY SPACE

Halonix provides total lighting solution. Our focus is not only on innovation, aesthetic & quality aspect but also on the efficiency and comfort in the living environment. We innovate product line while thinking parallelly about its application and believe in providing implacable support.

**Our Products**

- Widest range of energy efficient products
- BIS approved
- High luminous efficacy
- Environment friendly

**Our Support System**

- Professional Design Advisor
- Responsive supply chain
- Excellent after sales service
- Aesthetic look with ergonomic aspect



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