

GUIZHOU TOWER

Guiyang, China | Final EDGE Certification | March 2020

Developer: Asia Green Real Estate | EDGE Auditor: Shenhao Li



Guizhou Tower is a landmark building located in Guiyang, the provincial capital of Guizhou. The mixed-use tower is home to offices, loft-style apartments and a public area with restaurants and shops. The property is ideally located in the new central business district, Guanshanhu, and only a few minutes' walk away from the newly finished light rail system.

The investor of the project, Asia Green Real Estate, has worked with IFC since 2017 to help its clients identify the most cost-effective solutions to build green. Asia Green Real Estate has dedicated green building experts who analyze the resource efficiency of each project and help develop buildings that are environmentally, economically and socially sound. The company has already invested in more than two million square meters of sustainable floor space and has achieved EDGE certification for a number of projects. Guizhou Tower has received final EDGE certification from GBCI.

Size
105,716 m²



22% ENERGY SAVINGS

Insulation of external walls, low-e coated glass, air conditioning with a water-cooled chiller, variable speed drive pumps, a high-efficiency condensing boiler for space heating, air economizers during favorable outdoor conditions, energy-saving lighting in internal and external spaces and lighting controls for corridors and staircases.

People Impacted
7,371



34% WATER SAVINGS

Dual-flush water closets, low-flow faucets in bathrooms, water-efficient urinals and faucets in kitchen sinks and a rainwater harvesting system.

CO₂ Savings
1,089.5
tCO₂/Year



30% LESS EMBODIED ENERGY IN MATERIALS

In-situ reinforced concrete for the floor and roof, common brick with plaster on both sides for internal walls, autoclaved aerated concrete blocks for external walls and ceramic tile flooring.



EDGE, an innovation of International Finance Corporation (IFC), is a green building certification system focused on making buildings more resource-efficient. It empowers developers to quickly identify the most cost-effective ways to reduce their building's energy use, water use and embodied energy in materials. Green Business Certification Inc. (GBCI) administers EDGE certification in most countries around the world. Learn more at edge.gbci.org.