

# EDIFICIO EDWARDS



Quito, Ecuador | Final EDGE Certification | November 2017

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Edificio Edwards is a modern residential building located in Quito, Ecuador. The 10-story, energy-conscious project features 13 EDGE-certified housing units, offering contemporary design within a building that is designed to improve the quality of life for its residents while reducing environmental impacts. Residents of Edificio Edwards enjoy a terrace with a view of Quito and direct access to the city center. Homeowners benefit from lower utility bills as all units feature energy-efficient lighting and lighting controls, reflective paint, roof and wall insulation and water-saving controls. Edificio Edwards has received final EDGE certification from GBCI. Due to the building's EDGE certification, several homeowners were able to obtain green mortgages at a lower interest rate.

**Size**  
1,083m<sup>2</sup>

**Certified Units**  
13

**People Impacted**  
41

**CO<sub>2</sub> Savings**  
12 tCO<sub>2</sub>/Year

## 42% ENERGY SAVINGS



Reduced window to wall ratio, reflective paint and tiles for roof, reflective paint for external walls, insulation of roof and external walls, energy-saving lighting system, lighting controls for common areas and outdoors, and smart meters are projected to save 42 percent of the energy that a conventional home would require.

## 44% WATER SAVINGS



Low-flow plumbing fixtures for washbasins, kitchens, water closets and shower-heads help reduce water waste and lower utility bills.

## 39% LESS EMBODIED ENERGY IN MATERIALS



Composite in-situ concrete and steel deck for floor slabs and roof construction, and medium weight hollow concrete blocks for external and internal walls help reduce this project's impact on the environment.



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 over 130 countries around the world and is the exclusive certification provider for all EDGE buildings in India. Learn more at [edge.gbci.org](http://edge.gbci.org).