

DENALI

Quito, Ecuador | Final EDGE Certification | December 2019

Developer: RFS Constructora | **EDGE Expert:** Adriana Estefania Benalcázar Vega

EDGE Auditor: Daniel Rodriguez



The four-floor Denali apartment building is located in an exclusive area of Cumbayá, a community east of Quito in the beautiful Tumbaco Valley. Featuring communal gardens and views of the surrounding green areas, residents of the building's 19 units will be able to live among nature while still having easy access to shopping centers, universities, supermarkets and pharmacies.

Homeowners will benefit from lower utility bills as all units reduce energy and water usage through energy-saving outdoor lighting, an energy-efficient heat pump for hot water generation, water-efficient plumbing fixtures and more. Denali was built by RFS Constructora, a developer committed to reducing the environmental impact of its projects with resource-efficient materials and technologies. Through projects like Denali, RFS Constructora is hoping to set a new construction standard in Ecuador. Denali has received final EDGE certification from GBCI.

Size
2,196 m²



24% ENERGY SAVINGS

Reflective paint for external walls, insulation for the roof and external walls, an energy-efficient heat pump for hot water generation, energy-saving lighting in external spaces and lighting controls for corridors and staircases.

Certified Units
19



40% WATER SAVINGS

Dual-flush water closets and low-flow showerheads and faucets for kitchen sinks and washbasins.

People Impacted
53



46% LESS EMBODIED ENERGY IN MATERIALS

Concrete filler slab for the floor and roof, plasterboards on metal studs with insulation for internal walls and medium-weight hollow concrete blocks for external walls.

CO₂ Savings
39.0
tCO₂/Year



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.