

BOSQUE DA SERRA



São Paulo, Brazil | Final EDGE Certification | June 2019

Developer: Paladin Realty Partners | EDGE Expert: Camila Del Gaudio Orlando

EDGE Auditor: Daniela Corcuera



Located on the outskirts of São Paulo, the Bosque da Serra housing complex provides 180 apartments for low-income residents. With energy-efficient lighting and passive design features such as reduced glazing on the façade and reflective paint on the roof, Bosque da Serra empowers residents to lower their carbon footprint and save on utility bills. Residents can expect to decrease their utility bills by nearly one fourth, freeing up their family's budget for other needs. The complex includes a playground for children, an outdoor space for pets, a fitness center and plenty of outdoor space to enjoy.

Bosque da Serra has been developed by Paladin Realty Partners and constructed by Kallas Incorporações & Construções. For more than 20 years, Paladin Realty Partners has invested in projects across Latin America, bringing more affordable housing to the market in a socially and environmentally responsible way. Kallas Incorporações & Construções has more than 30 years of experience contributing to the sustainable development of Brazil. Bosque da Serra has received final its EDGE certification from GBCI.

Size
10,942 m²



21% ENERGY SAVINGS

Reduced window to wall ratio, reflective paint/tiles for the roof and external walls and energy-saving lighting are projected to save 21 percent of the energy that a conventional home would require.

Certified Units
180



26% WATER SAVINGS

Low-flow showerheads and faucets and dual flush water closets help reduce water waste and lower utility bills.

People Impacted
540

71% LESS EMBODIED ENERGY IN MATERIALS

Controlled use of concrete for floor slabs and roof construction, medium weight hollow concrete blocks for internal and external walls and aluminum window frames help reduce this project's impact on the environment.

CO₂ Savings
39.6 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 over 140 countries around the world and is the exclusive certification provider for all EDGE buildings in India. Learn more at edge.gbci.org.