

# COSMOS YOPOUGON

Abidjan, Côte d'Ivoire | Final EDGE Certification | June 2020

Developer: HC Capital Properties | EDGE Expert: Isaac SY

EDGE Auditor: Samuel Kwaku Worwui



Cosmos Yopougon is the first world-class shopping center that has been built in Yopougon, Abidjan's largest municipality. The shopping mall provides a convenient and high-quality shopping experience to a previously ignored, lower middle-class community of almost 2 million. Opened in October of 2018, Cosmos Yopougon is anchored by Carefour, Burger King and the largest Majestic Cinema in Côte d'Ivoire.

To meet international standards for resource efficiency, energy and water-saving technologies were incorporated into the design, construction and internal processes of the building. Reflective paint, an energy-efficient HVAC system and LED lighting reduce the shopping center's energy use. Skylights were also incorporated into the design of the shopping center, providing daylight to over half of the top floor. The developer, HC Capital Properties, is committed to responsible investing and developing projects with strong economic and social impacts. Cosmos Yopougon has received final EDGE certification from GBCI.

Size  
17,441 m<sup>2</sup>



## 29% ENERGY SAVINGS

Reduced window to wall ratio, reflective paint and insulation for the roof and external walls, variable speed drives in AHU, higher-efficiency refrigerated cases, energy-saving lighting in sales, corridors, common and external areas, occupancy sensors in bathrooms and skylights to provide daylight to 50% of the top floor's area.



## 41% WATER SAVINGS

Aerators for faucets, auto shut-off faucets and water-efficient water closets, urinals and faucets for kitchen sinks.



## 44% LESS EMBODIED ENERGY IN MATERIALS

In-situ reinforced concrete slab for the floor, steel sheets on steel rafters for the roof, solid dense concrete blocks for internal and external walls, plasterboards on metal studs for internal walls and aluminum profile cladding for external walls.

CO<sub>2</sub> Savings  
507.0  
tCO<sub>2</sub>/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](http://edge.gbci.org).