

# VILLAGE LA FONTAINE

Croix de Bouquets, Haiti | Final EDGE Certification | March 2019

Developer: Chabuma S.A./Central Home Consortium

EDGE Auditor: Juan Jose Tejada



Developed by Chabuma S.A./Central Home Consortium, a local Haitian developer, Village la Fontaine is a residential estate offering affordable housing to low-income communities on the outskirts of Port-au-Prince. The Consortium received technical assistance from USAID's Haiti HOME program to incorporate key elements of affordability and resource efficiency in Village la Fontaine's design. Haiti HOME is led by the World Council of Credit Unions in partnership with Habitat for Humanity and the Affordable Housing Institute.

Village la Fontaine incorporates a rain water harvesting system and energy-saving lighting, along with solar panels that provide 80 percent of each household's energy needs. Each home's design adheres to high seismic standards to provide resilience in the event of earthquakes and other natural disasters. Because of Village La Fontaine's green design, each household is expected to realize estimated utility cost savings of US \$180 per year. Village la Fontaine has received final EDGE certification from GBCI.

**Size**  
540 m<sup>2</sup>



## 56% ENERGY SAVINGS

Reduced window to wall ratio, energy-saving lighting system for internal spaces, and solar photovoltaics are projected to save 56 percent of the energy that a conventional home would require.

**Certified Units**  
6



## 48% WATER SAVINGS

Low-flow showerheads, low-flow faucets in kitchens and bathrooms, single-flush water efficient water closets, and a rainwater harvesting system help reduce water waste and lower utility bills.

**People Impacted**  
30

## 52% LESS EMBODIED ENERGY IN MATERIALS

Controlled use of concrete for floor slabs, aluminum sheets on steel rafters for roof construction, solid dense concrete blocks for internal and external walls, finished concrete flooring and aluminum window frames help reduce this project's impact on the environment.

**CO<sub>2</sub> Savings**  
8.2  
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 over 140 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).