

# REAL PLAZA PURUCHUCO

Lima, Peru | Final EDGE Certification | November 2020

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Real Plaza Puruchuco, the newest and largest shopping mall of the Real Plaza chain, has opened in Lima. The mall offers a modern space for retailers in a growing urban zone of the city. The shopping mall was designed to serve as an example of resource efficiency in the retail sector, utilizing technologies that reduce energy and water usage. The resource-efficient technologies installed include energy-saving lighting, roof insulation, low-E coated glass, water-efficient urinals, aerators and auto shut-off faucets. Natural ventilation was also incorporated to improve thermal comfort and to reduce air conditioning use.

Developed by Interproperties Perú, Real Plaza Puruchuco exemplifies the shopping chain's mission to "create living public spaces, where we can all be happy." Real Plaza is achieving this goal by providing shoppers with a sustainable and innovative retail experience. Real Plaza Puruchuco has received final EDGE Certification from GBCI.

**Size**  
233,078 m<sup>2</sup>



## 21% ENERGY SAVINGS

Reduced window to wall ratio, reflective paint and tiles and insulation for the roof, low-E coated glass, natural ventilation, variable speed drives on the fans of cooling towers and energy-saving lighting in sales areas, corridors, common areas and external areas.



## 47% WATER SAVINGS

Efficient-flush water closets, water-efficient urinals and faucets for kitchen sinks, aerators for faucets and auto-shut-off faucets.



## 71% LESS EMBODIED ENERGY IN MATERIALS

In-situ reinforced concrete slab for the floor and the roof, steel-clad sandwich panel for the roof, cement fiber boards on metal studs for internal and external walls, medium-weight hollow concrete blocks for internal walls, solid dense concrete blocks for external walls and ceramic tile and finished concrete flooring.

**CO<sub>2</sub> Savings**  
4,708.1  
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).