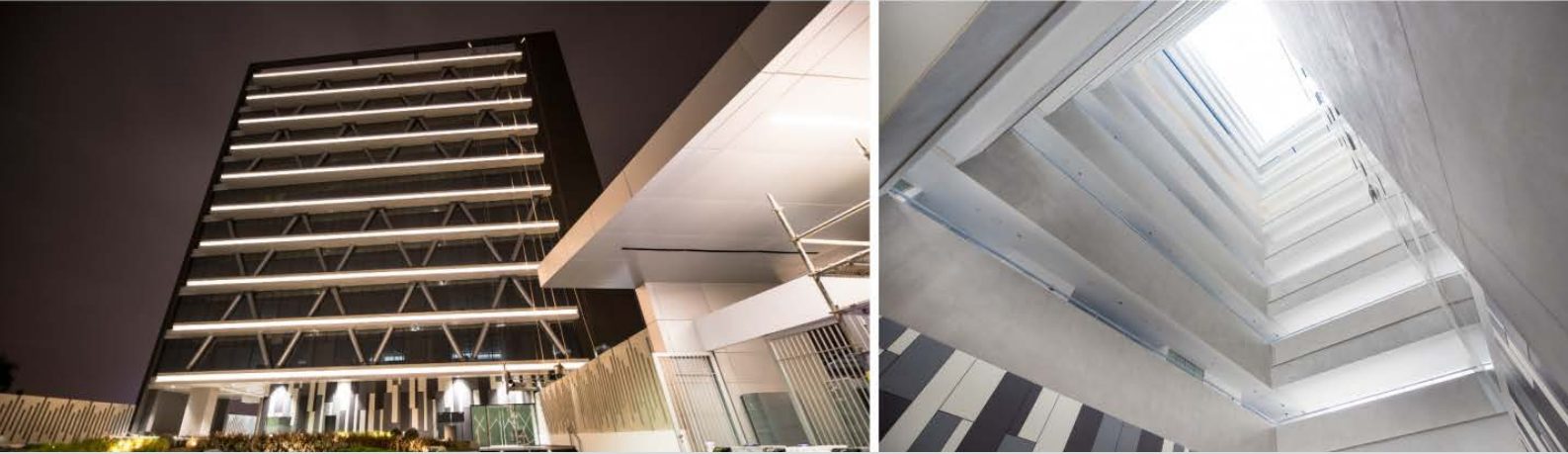


# CENTRO TECNOLÓGICO – CAMPUS INDEPENDENCIA

Lima, Peru | Final EDGE Certification | March 2020

Developer: EFIZITY | EDGE Expert: Reynaldo Percca Carbajal

EDGE Auditor: Ana Lucia Granda



Servicio Nacional de Adiestramiento en Trabajo Industrial (SENATI), an institution providing education and training to the industrial manufacturing sector, has opened a new educational facility in the Independencia district of Lima. The 10-story Centro Tecnológico – Campus Independencia expands SENATI’s education offerings.

Aligned with SENATI’s commitment to lowering its environmental impact and reducing its carbon footprint, the building utilizes resource-efficient design features and technologies in its 10,747 certified square meters. LED lighting, an energy-efficient air conditioning system and roof insulation reduce the building’s energy use, while dual-flush water closets, water-efficient urinals and low-flow faucets reduce the building’s water use. Centro Tecnológico – Campus Independencia has received EDGE Advanced certification from GBCI.

**Total Built Area**  
19,507 m<sup>2</sup>



## 41% ENERGY SAVINGS

Reduced window to wall ratio, reflective paint and tiles for the roof, insulation of the roof, low-e coated glass, natural ventilation for corridors, a variable refrigerant volume (VRV) cooling system and energy-saving lighting in internal and external spaces.

**People Impacted**  
4,455



## 33% WATER SAVINGS

Dual-flush water closets, water-efficient urinals and low-flow faucets.

**CO<sub>2</sub> Savings**  
182.5  
tCO<sub>2</sub>/Year



## 51% LESS EMBODIED ENERGY IN MATERIALS

Concrete filler slab with polystyrene blocks for the floor and roof, in-situ reinforced concrete slab for the roof, honeycomb clay blocks with plaster and in-situ reinforced internal and external walls and ceramic tile flooring.



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).