

ABHIKALPAN OFFICE

Indore, India | Final EDGE Certification | September 2016

Developer: Abhikalpan Architects P Ltd.



The Abhikalpan Office in Indore, India is a 573 m² commercial office building providing work space for 65 occupants. Descriptive panels have been installed next to each of the building's green design solutions explaining their contribution to energy, water or embodied energy in materials savings.

The building's owner, tenant and architect, Manish Kumat of Abhikalpan Architects P Ltd., hopes the educational plaques and the building's green design will encourage occupants to learn about environment friendly design and incorporate green practices into their daily routines. The Abhikalpan Office received final EDGE certification from GBCI.

Size
573 m²



68% ENERGY SAVINGS

Reduced window to wall ratio, reflective paint for roof, insulation of roof surface, higher thermal performance glass, variable refrigerant volume (VRV) cooling system, sensible heat recovery from exhaust air, energy-saving light bulbs for internal spaces, lighting controls for corridors and staircases, and solar photovoltaics are projected to save 68 percent of the energy that a conventional office would require.

People Impacted
65



83% WATER SAVINGS

Low-flow plumbing fixtures for washbasins and kitchens, rainwater harvesting system, and a black water treatment and recycling system help reduce water waste and lower utility bills.

CO₂ Savings
71 tCO₂/Year



28% LESS EMBODIED ENERGY IN MATERIALS

Stone and ceramic tiles for floors, UPVC window frames, polystyrene roof insulation, and autoclaved aerated concrete blocks for external walls help reduce this project's impact on the environment.



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.