

## EDGE – Increasing Energy, Water and Materials Efficiency in all Building Typologies

### Independent EDGE Auditors (AP) or EDGE Submission Assistance (Expert) for Project Teams

EDGE (Excellence in Design for Greater Efficiencies) is a tool aimed at increasing energy, water and materials efficiency in most building types, including homes, hospitality, retail, offices, hospitals and education.

### A measurable way for residential developers to optimise the performance of their building design

EDGE is an innovation of the International Finance Corporation, a member of the World Bank Group. The certification requires achieving a minimum saving of 20% in the three categories: operational energy, water usage and reduction in embodied energy of building materials.

### EDGE Certification Results in Buildings and Developments that:



Are at least 20% more energy efficient



Use at least 20% less water



Have at least 20% less embodied energy of building materials



Have sustainability embedded into construction processes



Lead to long term environmental savings



Sell better, are affordable and lead to long term economic savings



Are more affordable to rent or owner-occupy and lead to long-term economic savings

### Why Choose Ecolution Consulting as your Independent EDGE Auditor?

**Our track record is proven!** As EDGE is a relatively new certification scheme by the Green Building Council of South Africa, there aren't many companies that can claim experience in this field. Ecolution Consulting was responsible for guiding the first EDGE project to receiving final certification and are currently involved in several other EDGE projects at varying stages of completion.

Ecolution Consulting also has a proven track-record in reducing the overall cost of certification, thereby driving down costs and increasing project margins.

#### Who Benefits?

##### OWNERS

Green buildings perform better, sell as much as four times faster and at a higher price, whilst protecting the environment.

##### BUILDING OCCUPIERS

A resource-conscious building performs well, has less utility costs and produces greater long-term savings.

##### DEVELOPERS

EDGE is simple & inexpensive, leading to optimised buildings which are more investment-worthy and marketable.

##### ARCHITECTS

The EDGE software empowers architects to determine the most cost-effective options for a building's efficient design.

##### ENGINEERS

EDGE provides a holistic solution, creating a single snapshot of resource-efficient performance.

#### Our Flagship Project

Click on the link below to view our flagship project:

##### FOUR LEAF ESTATE

SCOPE: EDGE AUDITOR

Based in Port Elizabeth, Four Leaf Estate is the first residential project in Africa to meet the EDGE resource-efficiency standard and receive EDGE final certification.