Certify Green and Change Your World.
Today, it’s more important than ever for property developers to differentiate their projects. EDGE certification offers an opportunity for market leaders to meet the demand for green buildings through a metrics-driven approach.

An innovation of IFC, a member of the World Bank Group, EDGE empowers builders to optimize their designs to use less energy, water, and embodied energy in materials.

EDGE includes a web-based application to help identify the most cost-effective ways to reduce the resource intensity of a building. The streamlined certification process makes it fast and easy to certify a project green.

Homebuilders, commercial owners, and those who are building to sell can capitalize on the advantages of certification at the design stage before projects have been built. EDGE-certified buildings typically cost less than 2 percent extra, with the tangible benefits outweighing any initial costs.

**Advantages of certification**

**Home Builders**
- Attract better financing rates for you and your customers
- Label homes as green
- Promote resource-efficient savings
- Earn customer referrals
- Realize a greater share of the market

**Commercial Owners**
- Gain multinational tenants
- Drive profitability
- Increase occupancy rates
- Ensure cost control across properties
- Take a portfolio approach
- Build brand equity

**Build To Sell**
- Attract investors
- Distinguish the quality of properties
- Complement efficiencies in construction and labor
- Accelerate turnover
- Quantify a sustainable brand

“All the solutions are right there, it is only a question of adoption.”

Rahul Sabharwal
Chief Operating Officer,
Value Budget Housing Corporation
We’re in the century of cities, and nowhere is this more true than in India, where the footprint of buildings is expected to double by 2040. Buildings already account for two-thirds of electricity consumption and four-fifths of water use in large cities. As the demand for natural resources increases, buildings that consume less will stand out from the overall building supply.

EDGE certification provides a solution: to capitalize on the value of green buildings by promoting the benefits while protecting the environment. With EDGE, it’s possible to stay at the forefront of innovation.

**Here’s why EDGE is especially important in India:**

- Corporate positioning as a first-mover
- Rich data from more than 60 cities in the EDGE App
- Completely online certification process
- Integrity and technical rigor of certifier
- Association with the IFC brand

**Case Study: IndoSpace Adopts EDGE**

A pioneer of modern industrial and logistics parks, IndoSpace is certifying its properties with EDGE, cutting utility bills for its tenants in half. By committing to EDGE, IndoSpace was able to refinance its portfolio with a Rs 1,000 crores green loan from HSBC – the largest such loan in India’s history.

**IndoSpace Projects with EDGE:**

- Tenants such as Amazon, DHL, IKEA, and Nissan
- 957,500 square meters with a pipeline of 930,000
- More than 60 buildings in Chennai, Delhi, and Pune
- 60% of projects to achieve EDGE Advanced
- Savings of more than 12,000 tCO₂/year

Buildings have reduced window to wall ratio, skylights, solar photovoltaics, and black water treatment and recycling systems, among other green solutions.
The EDGE App is a cloud-based platform that calculates the cost of going green, utility savings, and environmental impacts. The state-of-the-art engine has a sophisticated set of city-based climate and cost data, consumption patterns, and algorithms for predicting performance results.

Choose green building strategies and the EDGE App will calculate their financial and environmental impacts across energy, water, and embodied energy in materials. The EDGE App can be used for free to design a project, with certification available at a modest cost.

Upload compliance documentation directly into the EDGE App, with the entire certification workflow at your fingertips.

**Features include the following:**

- **Bio-climatic modeling** – EDGE is location-specific, with climate and lifestyle data for thousands of cities.
- **Cost calculator** – EDGE helps you to decide the best green options and estimate the incremental cost.
- **Streamlined process** – A shorter certification workflow saves you time, with most required documentation already on hand.
- **Reporting** – EDGE can be used for environmental reporting on carbon emissions.

“EDGE is a live model and a brilliant tool.”

Dharmesh Jain
President, CREDAI-MCHI

app.edgebuildings.com
EDGE is gaining popularity across India

The following entities in India are among those who are certifying their projects with EDGE, bringing value to the lives of their customers while enhancing their sustainable brands.

Projects that are either registered or certified are growing in cities throughout the country. Here are a few examples:

- Arista Industrial Park Warehouse
- Kolkata West International City
- Abhikalpan Office
- KSH Chakan Park II – Warehouse A1 and A2
- KSH Chakan Park II – Warehouse A3, B1, and B2
- The Pavilion – Aurbis-ORR
- Rainbow Children’s Hospital – Bengaluru
- Residence of Mr. Selvarasu
- Vaibhava Bangalore
- SAMHI’s Fairfield by Marriott
- Rainbow Children’s Hospital – Banjara Hills
- Office of the Tamil Nadu Infrastructure Fund
- Navin’s Pearl House
- BSA Staff Quarters and Ladies Hostel
- TCP Altura
- IndoSpace Industrial Park Vallam
- Jay Jay Mills (India) Private Limited
EDGE focuses purely on resource efficiency, with three choices for certification. Use the EDGE App to reach at least 20% savings in water and materials, then choose your target for energy savings to match your level of aspiration.

### Building typologies of EDGE:
EDGE is available for new and existing buildings in nearly every international market. There’s a variety of typologies, which include commercial, residential, and mixed-use projects:

### EDGE Experts provide valuable support:
Hire an EDGE Expert to provide additional expertise for a project. EDGE Experts are proficient in compliance requirements and working within the EDGE App environment. While not required to achieve certification for a project, EDGE Experts provide significant value to clients through their skills, insights, and technical know-how. Accredited by IFC, EDGE Experts provide their services internationally.

To develop in-house expertise, it’s possible to provide employees with training, which is available online and through livestream.

For more information, visit [www.edgebuildings.com/edge-experts](http://www.edgebuildings.com/edge-experts).

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**Determine which level of EDGE is right for your project**

<table>
<thead>
<tr>
<th>Level 1 - EDGE Certified</th>
<th>Requirements: 20% or more savings in energy, water, and embodied energy in materials.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timing</td>
<td>At preliminary and final certification stages.</td>
</tr>
<tr>
<td>Renewal</td>
<td>Not required.</td>
</tr>
<tr>
<td>Cost</td>
<td>Registration, auditing, and certification fees.</td>
</tr>
</tbody>
</table>

**Level 2 - EDGE Advanced**

Set your project apart even further by earning EDGE Advanced, with recognition reflected on project studies, certificates, award submissions, and more.

| Requirements: EDGE certified with 40% or more on-site energy savings. |
| Timing:                  | At preliminary and final certification stages.                                    |
| Renewal:                 | Not required.                                                                     |
| Cost:                    | Registration, auditing, and certification fees.                                    |

**Level 3 - Zero Carbon**

Join the global initiative for new buildings to be zero carbon by 2030 and all buildings to be zero carbon by 2050.

| Requirements: EDGE Advanced with 100% renewables on-site or off-site, or purchased carbon offsets to reach 100%. All energy must be accounted for, including diesel and LPG. |
| Timing:                   | At least one year after final EDGE certification with 75% occupancy, when operational data must be submitted. |
| Renewal:                  | Every four years with 100% renewables and every two years with purchased offsets. |
| Cost:                     | ₹ 35,000 for an individual building and ₹ 3,500 per detached single-family home for each renewal period (in addition to certification fees). |

Watch “How to Register a Project.”
Step 1: Register
Design your project in the EDGE App and click apply for certification. Hire an auditor directly or request GBCI to assign one. GBCI will follow up to confirm certification pricing.

Step 2: Certify
Once your project is registered, upload your documentation into the EDGE App. When you’re ready, go to your dashboard and initiate the certification workflow.

Step 3: Validate
After you’ve received a preliminary certificate, repeat Step 2 at the post-construction stage, uploading any fresh design changes and documentation to the EDGE App.

Each certified project receives a project study on the EDGE website with social media promotion. For tips on how to maximize the value of EDGE, visit www.edgebuildings.com/marketing-toolkit.

Projects can be promoted with an EDGE plaque
Order a plaque for your projects that have achieved final EDGE certification. Plaques can be displayed in the lobby of your projects or another prominent space. They are made of recycled aluminum with an engraved finish.

Plaques reflect the level of certification:
- Certified Green
- EDGE Advanced
- Zero Carbon

The following products are available for sale:
- Standard plaque for the lobby (300mm x 180mm)
- Small plaque for each residential unit (125mm x 75mm)
- Decals to be applied on glass

For more information, visit www.edgebuildings.com/plaques

Watch "How to Certify a Project."
GBCI is your go-to source for EDGE certification in India

EDGE projects in India are certified by GBCI, a third-party organization that provides independent oversight of professional credentialing and project certification programs related to green building. By working together with IFC, GBCI is responding to the need for tomorrow's buildings to be resource-efficient and future-proof.

GBCI is the premier organization independently recognizing excellence in green business industry performance and practice globally. Daily, GBCI certifies 1.8 million square feet of construction space through green building rating systems and standards such as EDGE, LEED, WELL, GRESB, SITES, and PEER.

More information is available at www.edge.gbci.org. To contact GBCI directly, email edge@gbci.org.

Certification pricing in India:

INDIVIDUAL HOMES/SINGLE FAMILY DWELLING UNIT PRICING
Hiring an auditor is required and is in addition to the cost of certification.

<table>
<thead>
<tr>
<th>BUILT-UP AREA (SQM), EXCLUDING PARKING</th>
<th>REGISTRATION</th>
<th>CERTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-200 (SQM)</td>
<td>₹10,000</td>
<td>₹20,000</td>
</tr>
<tr>
<td>201-350 (SQM)</td>
<td>₹10,000</td>
<td>₹25,000</td>
</tr>
<tr>
<td>351-500 (SQM)</td>
<td>₹15,000</td>
<td>₹30,000</td>
</tr>
<tr>
<td>501-750 (SQM)</td>
<td>₹15,000</td>
<td>₹35,000</td>
</tr>
<tr>
<td>751-1,000 (SQM)</td>
<td>₹20,000</td>
<td>₹50,000</td>
</tr>
<tr>
<td>&gt;1,000 (SQM)</td>
<td>₹20,000</td>
<td>₹80,000</td>
</tr>
</tbody>
</table>

Fees are calculated for each individual home separately based on its built-up area (in SQM). Multiple individual homes may use the multi-dwelling pricing (see next chart). Fee payments must clear each stage before a project review is conducted. All fees are exclusive of applicable taxes and non-refundable.

COMMERCIAL BUILDINGS/GROUP HOUSING/MULTI-DWELLING UNITS
Hiring an auditor is required and is in addition to the cost of certification.

<table>
<thead>
<tr>
<th>BUILT-UP AREA (SQM), EXCLUDING PARKING</th>
<th>PRELIMINARY CERTIFICATE (DESIGN)</th>
<th>FINAL EDGE CERTIFICATION (POST-CONSTRUCTION)</th>
<th>TOTAL CERTIFICATION FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5,000 (SQM)</td>
<td>₹80,000</td>
<td>₹40,000</td>
<td>₹1,20,000</td>
</tr>
<tr>
<td>5,001-50,000 (SQM)</td>
<td>₹80,000</td>
<td>₹40,000 + ₹9/ per each additional SQM above 5,000 SQM</td>
<td>₹1,20,000 + ₹9/ per each additional SQM above 5,000 SQM</td>
</tr>
<tr>
<td>50,001 (SQM) and above</td>
<td>₹1,00,000</td>
<td>₹4,50,000</td>
<td>₹5,50,000</td>
</tr>
</tbody>
</table>

Registration is a flat ₹20,000 for any number of buildings located at a single project site as long as they are all registered at the same time. The registration fee is due immediately in order to register a project. For projects with multiple phases of construction, certification fees are calculated based on the built-up area, excluding parking, submitted for review at each phase. Fee payments must clear each stage before a project review is conducted. Already constructed projects may skip the preliminary phase, however they still need to pay the total certification fee as indicated in the table. All fees are exclusive of applicable taxes and non-refundable.

EDGE Auditors play an objective role in the certification process:

EDGE Auditors assess whether a building meets the requirements of the EDGE standard by evaluating the evidence provided by the client. This includes documentation at the preliminary and post-construction stages, as well as performing a site audit.

When registering your project in the EDGE App, reach out to one or more EDGE Auditors for a quote. Alternatively, GBCI can assign an Auditor if you wish.

A list of EDGE Auditors is available at edge.gbci.org/certification#select.
IFC
IFC is a member of the World Bank Group that focuses on private sector development. Working with partners in more than 100 emerging markets, IFC invests, advises, and mobilizes resources from others, creating opportunity for clients in a broad range of industries. Standing between the public and private sectors, IFC brings market-based solutions to respond to the challenge of creating low-carbon economic growth.

EDGE
An innovation of IFC, EDGE creates intersections among developers, building owners, banks, governments, and homeowners to deepen the understanding that everyone wins financially by building green. EDGE was created to respond to the need for a measurable and credible solution to prove the business case for building green and unlock financial investment. EDGE is supported by a global network of certification providers and EDGE Experts with the collective ambition to mainstream green buildings and help tackle climate change.

EDGE in India has received significant funding through the EU.

Internationally, EDGE is currently funded by the UK Government with original funding by Switzerland’s State Secretariat for Economic Affairs (SECO).

PARTNER SUPPORT

Additional support has been provided by Austria, Canada, Denmark, ESMAP, Finland, GEF, Hungary, and Japan.