

Carbon Management Services for the Real Estate Sector

Today's environment conscious consumers and businesses are increasingly opting for green constructions, the demand for which is far exceeding the current day supply. Green properties not only help save on the energy bills but they also command better prices and help companies create a better brand positioning within the marketplace. A recent research report by McGraw-Hill suggests that eco-lifting of existing constructions can alone fetch 5% higher rents and about 7.5% increase in property value.

Carbon Emissions from Constructions

Carbon emissions from buildings comes from three broad categories

- ✓ The embodied energy of the materials used
- ✓ Energy used by plant and machinery on site, and, from delivery of materials to site,
- ✓ Ongoing energy consumption of the building once it is occupied and in use

80-90% of the total footprint attributes to ongoing energy consumption of the building, efficiency of equipment: air-conditioning, lighting, office equipment and the carbon-intensity of the energy used influence the carbon emissions.

The key to managing energy and carbon footprints in the real estate sector is the use of energy efficient materials and designs during the design phase and the use of renewable sources of energy and effective waste and water management techniques during the operational phase.

40%

of the total energy
consumption from cities
across the globe is from
buildings and new
constructions

How can we help your company?

- ✓ Build a case that supports your LEED application helping you earn additional credits
- ✓ Build your company's reputation, in government and within the property development sector as an innovative developer and one that takes a responsible attitude to the environment

- ✓ Measure the life cycle emissions from the construction of your project
- ✓ Educate staff, contractors, owners of apartments / homes / properties, investors and the wider community on the issue of climate change and what can be done to tackle it
- ✓ Reduce the emissions from the construction phase through a process of value engineering and design which also would also result in a reduction of the materials used
- ✓ Off set the remaining emissions from the construction phase to make your project the first CarbonNeutral® Construction in India
- ✓ Launch innovative products targeted towards eco-savvy consumers and businesses

About E-Cube and the Carbon Management Group

E-CUBE Energy is a young consulting firm that offers end to end energy and emissions management solutions to industries, power utilities and corporate clients—helping them transition into an energy efficient and low carbon future.

E-Cube's Carbon Management Group (CMG) helps companies to hatch and implement strategies that help manage and reduce carbon emissions while creating sustainable business value.

The CMG aims to leverage its partnerships and its understanding of the Indian energy marketplace to help corporate clients to reduce their emissions in a way that delivers commercial, personal and environmental benefits.

Contact Us

To find more on how E-Cube's Carbon Management Group (CMG) could help your company, please email us at amit@e-cube.in or call us at +91 93311 78340



E-Cube Energy Infra Services Pvt. Ltd.
8, B.B.D Bag (East), 1st Floor, Room C, Kolkata – 700 001
TeleFax: +91 33 2231 8646/47, 3022 0181 Url : <http://www.e-cube.in>