FloCard News

Decoding a Better Planet Together

We can, in literal terms, design our future with green buildings. Though the concept is not new; green buildings have been seeing new light of popularity.

WHAT ARE GREEN BUILDINGS?

Considering the entire life-cycle of a building, we realise the amount of energy consumed and waste generated is inevitably contributing to global issues. From climate change to pollution, from causing water scarcity to deteriorating health conditions; a typical building has plenty of disadvantages.

As the name suggests, Green or sustainable building is a concept of making the design, construction, operation, maintenance, renovation, and all the construction phases, i.e., a buildings' entire life cycle sustainable. From using environment friendly materials to energy-efficient process to minimising waste; come under being a green building.

Important examples of sustainable construction technologies used in green buildings are -

1. Use of Biodegradable materials
2. Use of materials that are non-toxic, and ethical
3. Enabling of reu-se and re-cycle
4. Solar Power or other renewable energy
5. Green insulation and ventilation
6. Smart Appliances
7. Zero-energy building design
8. Water Harvesting

BENEFITS OF GREEN BUILDINGS

ENVIRONMENTAL

- Water Efficiency reduce the stress on an already scarce resource
- Low carbon and other greenhouse gas emissions as renewable energy given a priority
- Recyclable materials decrease pollution

ECONOMIC

- Energy savings could range from 25%-35%
- Up to 39% water savings compared to conventional buildings
- Reduced operating costs

SOCIAL

- Enhances the quality of living
- Ensures occupants' health and well-being
- Puts the workers to less risk at diseases by skipping or replacing toxic materials for construction.

BUILDING YOUR DREAM HOUSE? MAKE IT SUSTAINABLE!

1 Invest in energy efficient light bulbs

2 Install solar panels

3 Harvest rain-water

4 Pick water-based paints

5 Compost your food waste

6 Buy recycled furniture

7 Buy smart kitchen appliances

8 Save water with a low-flow shower head

9 Insulate your home properly