# FOCCIC NEWS

#### Decoding a Better Planet Together

#### **BUILDING GREEN FOR FUTURE**

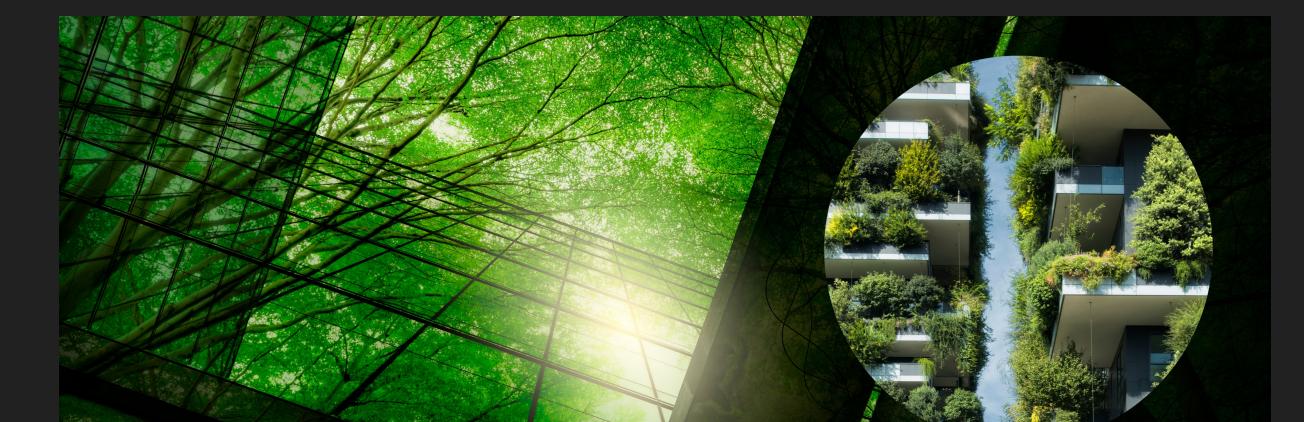
#### **IN THIS EDITION**

WHAT ARE GREEN BUILDINGS

**BENEFITS OF GREEN BUILDINGS** 

**BUILD YOUR DREAM HOUSE** 

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 -

### **BENEFITS OF GREEN BUILDINGS**

# **ENVIRONMENTAL**

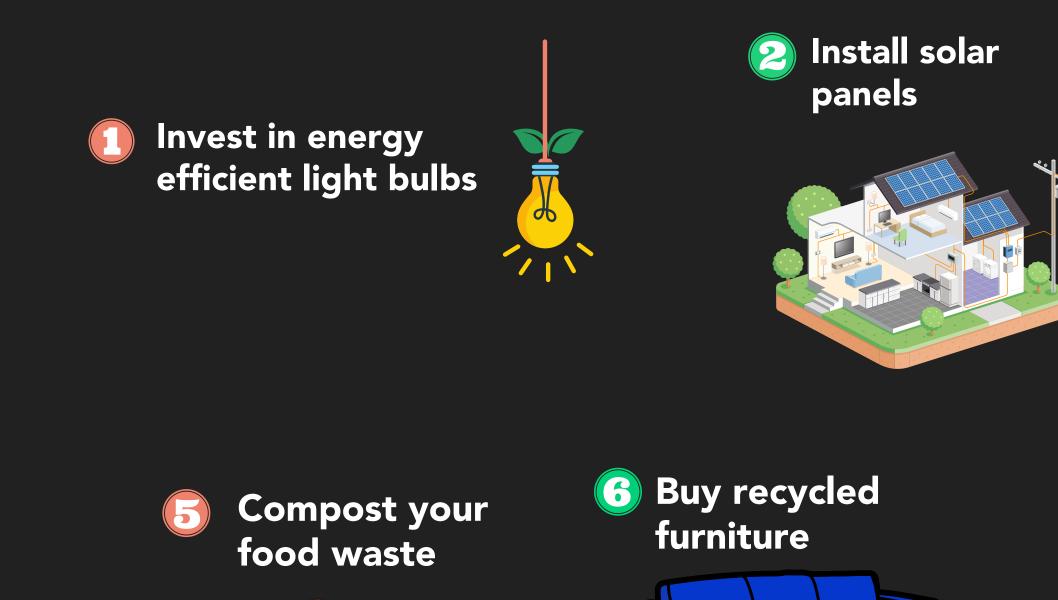
- Water Efficiency reduce the stress on an already scarce ECONOMIC resource
- Low carbon other and greenhouse gas emissions as renewable energy given a priority
- Recyclable materials decrease pollution
- SOCIAL
  - Enhances the quality of living • Ensures occupants' health and well-being

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

- 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

• Puts the workers to less risk at diseases by skipping or replacing toxic materials for construction.

## **BUILDING YOUR DREAM HOUSE? MAKE IT SUSTAINABLE!**



Harvest rain-water



Buy smart kitchen



Pick waterbased paints



**8** Save water with a low-flow shower head











appliances

