

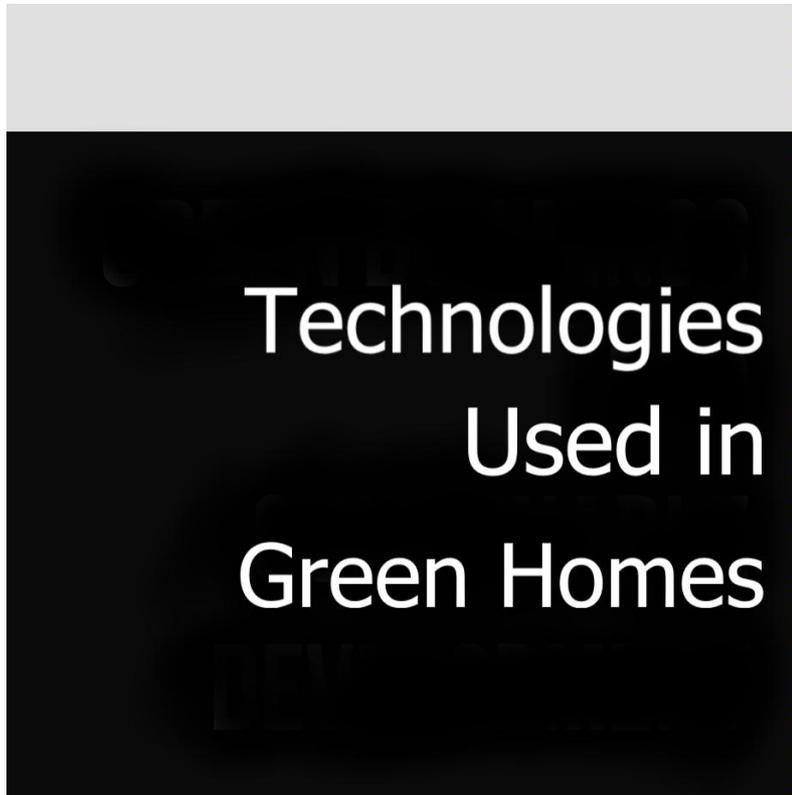
RESIDENTIAL

The Expanding Footprint Housing

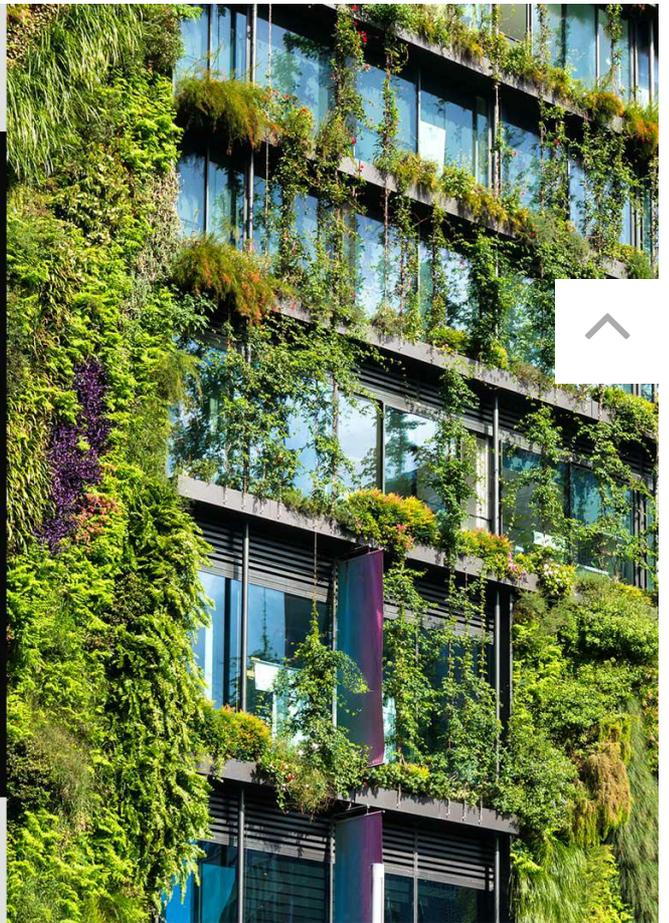


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By **Guest Author**



Technologies Used in Green Homes



There was an era when developers and builders had no option than only choosing resources like straw, mud, timber, and stone to build a green home that consumed energy. Thanks to the industrial boost, there has been massive progress in sustain technologies. This implies that novel homes are being constructed without causin

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technologies used in homes by real estate developers today are not just limited to friendly tools, there is much more that can be incorporated in homes to support green living. Fortunately, there is a gamut of technological options bringing one closer to creating an energy-efficient home.

Below mentioned are the various technologies that go into green housing:

1. Sustainable Floors:

Real estate developers have understood the importance of making use of bamboo in homes. Composed from a fast-growing renewable plant that is bacteria-free, naturally resistant to water and is exceptionally tough, bamboo is the best choice for green flooring. These days' developers are replacing wood floorings with rubber flooring and polished concrete floorings which are 100 percent renewable resources.

2. Smart power strips and power adapters:

Most electric gadgets will sluggishly graze on power while doing nothing, thus consuming a lot of energy. A smart power strip is a blessing in the segment of green homes because it has been designed to feed the devices with electricity, only when needed. Instead of being in standby mode, the use of a smart electricity strip will shut the machine down after a certain amount of time until it is required again. Installation of power adapters at home will also considerably cut down electricity bills. These green tools lend great solutions to the problem of using the precise amount of power they require and turn off after the need has been met.

3. Sustainable Heating:

Apart from solar panels, there are other alternatives to conserve funds and environment while heating your home. By using a geothermal heat pump, one can considerably reduce energy consumption for a long duration, thus helping to safeguard the planet. This technologically advanced method is much noiseless than the conventional one.

4. Composting toilets:

Unlike the west, the Indian real estate industry is gradually cottoning on to the idea that human wastage should not be wasted. Instead of flushing valuable resources away, composting toilets aid in efficiently treating human excrement through organic processes. This method is much more sustainable than the conventional toilet.

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conventional toilet makes use of more water, instead swap to green flushing to cut down water consumption.

5. Home-Automation Lighting:

Conventional lightings today have been replaced with energy-efficient LED lighting to cut down on energy utilization and costs. Now potential developers are taking it further by installing lighting systems that get connected through hardware's that controlled through smartphone apps.

6. Indoor Environmental Quality:

Strategies like no smoking in the premises, making usage of low Volatile Organic Compounds in sealants, paints, and adhesives while doing up the home interiors will also get you closer to sustainable living. These green approaches will play a major role in ensuring elevated human comfort and indoor environmental quality.

7. Water Efficiency:

Green homes with installation of water-efficient plumbing fixtures and recycle of water for flushing and irrigation, safeguard condensed usage of potable freshwater.

8. Efficient management of waste:

With proper segregation of dry and wet waste at the very source, managing waste becomes very operative. Wet waste can be renewed to compost by making use of organic converters. Even dry waste can be further explored to be recycled. This safeguards traveling to landfills is reduced.

9. Ecological automobiles:

By installing facility of electric vehicles in the parking lots and incentivizing parking dedicated for e-vehicles, realty developers can promote usage of environment-friendly vehicles that help to drop down toxic carbon releases due to fossil fuels. Our country desperately needs to protect its resources, hence green housing is unquestionably an alternative that will facilitate in ensuring an enhanced future for our planet. It is a witness how real estate developers and builders are scouting for innovative cutting-edge technologies and methods to aid in meeting the sustainable needs of our planet.