

CARBON-NEUTRAL HOMES

A house that's practically emissions-free: the futuristic design that fights climate change.



CARBON-NEUTRAL HOME DESIGN IS ABOUT REDUCING EVERY HOME'S RELIANCE ON NON-RENEWABLE ENERGY.

Every year, residential homes account for 17-21% of global greenhouse gas emissions. Here are some changes you can make to your home to create a carbon-neutral living environment:

>> **Switch to solar power.** Solar power is renewable, and installation becomes easier every year. This method of energy generation is so efficient that it can generate extra power, which can be stored in a battery for future use.

>> **Use local and sustainable building materials.** The creation and transportation of materials like cement is a major source of greenhouse gas emissions. Local timber, by contrast, can act as a carbon sink that traps atmospheric carbon over time.

>> **Commit to insulating (or re-insulating) your home.** Leaky air ducts and inefficient insulation create thousands of tons of carbon emissions every year and make your energy bill more expensive. Patch leaky air ducts and use sustainable, effective insulation (pictured right) to create a more environmentally-friendly home.

SUSTAINABLE INSULATION OPTIONS INCLUDE:



Sources: BBC, Modscape, The New York Times, US Department of Energy, Robb Report, Inhabitat