

## Environment and green home designs

The Green movement has seen a considerable evolution since the early 70s. Those momentous years of the Peace Movement, Vietnam War and the twilight zone of hippie culture, building Green was still emerging. Open a brochure of Green Home designs from the 70s and probably what stared out at you were structures shaped like anthills or cave dwellings. You wondered at the sanity of it all.

Environment, ecology and living with the nature were very much a concept then, but was the domain of few people. That has changed to Green buildings being built by large construction companies with considerable support from the government. So what started out as a popular cultural idea in the 70s, has now gained the stamp of international approval.

In the 70s there was no real professional effort at building Green homes. Then people tried to replicate natural designs of indigenous people with out really attempting to have a convergence with modern day living. There was no concerted effort at scientifically arriving at Green home designs.

Modern day avatars of Green home designs follow a rigid certification code in many counties in the world. The Leadership in Energy and Environment Design (LEED) is an initiative that sets standards for Green Home designs in the US. The same standards have been incorporated by some countries while others have evolved their own. The 70s approach was to design Green homes as units. Present day evolution looks at Green Home designs as a full fledged eco system. Now, factors such as recycling, indigenous practices, environment and architecture are examined holistically.

An important role in the evolution of Green home design has been brought by Science. Computers with their enormous computing powers of today were just not available in the 70s. Computer Aided Designs (CAD) with wind flow computations and solar capture calculations make designing Green homes far more efficient than the 70s. Scientific progress has also helped green materials used in construction. Construction companies now regularly use recycled products, which are closer to nature thanks to advances of science. A typical example is of Fly ash, a waste product which can as well be used in mixed cement with same qualities. As our environmental challenges increase and more and more countries recognize that it is our responsibility to conserve our resources, building Green homes has become an internationally recognized initiative. Designing Green homes has thus traveled from the 70s niche market to the more regular world today. Related [Green home builders](#) - [Green home design](#) - [Green home building](#) -

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