

The NZEB Times newsletter | August 2021 Poll

Additional responses

- More and more focus on the material will have a greater impact. It Will help to mitigate climate change by using energy efficiency building. Nowadays it's more important to use green architecture or bioclimatic architecture to design the building and place because it will help in future as well as in present to reduce global warming.
- Carbon emissions are higher during all the processes they take to the making of materials for construction.
- Usually, the materials are neglected and building energy consumption comes into focus explicitly. However, the materials and their manufacturing also involve energy consumption. Hence, materials play an equally important role.
- Plus one should focus on other sectors as well as there is hardly any time left.
- Embodied Carbon in building and construction materials is a key aspect for controlling Carbon Emissions. The use of materials having low heat ingress to the envelope of the building is important for reducing the energy consumption for building operations. The use of Recycled Materials will also reduce carbon emission considering the Life Cycle Assessment
- because NZEBs working in all respects of sustainability
- I believe a solution towards a problem should be looked at from its rooting stage.
- Hence, having a greater or a well looked at material palette gives us the opportunity for us, to give more efficient energy solutions towards the already efficient material strata.
- The mitigation efforts have to impact all areas of CO2 generation with priority on largest impact first. The regulatory incentivizing of NZEB or Low energy passive architecture for all new buildings can also be a firestarter. As new building stocks will not replace existing guzzlers - there is a need to address other sources for CO2 emissions while NZEBs become a norm.
- NZEB ensures the usage of Renewable energy and encourages demand response programs.
- As building sector emit 41% of overall carbon emission. Also, 75% of Indian cities are yet to built in the coming years.
- Energy from the construction industry accounts for 40% of energy emissions. If we can scale down the emissions using NZEB and employ passive design strategies together to

ensure thermal comfort, then it will be a game-changer, in at least, making a significant contribution to slow down climate change