

Sustainable Construction Basic Practice – Strategy, Challenges, Importance Benefits and Positive Impact

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Sustainable construction is the process of constructing structures while being environmentally conscious of the material, design process, and sustainability of the structure and the effect it has on the environment. In simple terms, it is the process of creating structures in an environmentally friendly way. Sustainability factors are considered in the design, material, longevity and future deconstruction as the main aspects. Also, to determine what is “allowed” and what may deem “disallowed”.

The basic six sustainable practices / principles are optimizing site potential, sustainable energy use, protect and conserve water, optimizing material usage and building space, effective operational and maintenance practices and enhancing indoor environmental quality.

SUSTAINABLE DEVELOPMENT GOALS



There is a primary challenge that sustainable construction practices face. Many people think that the environmental considerations are waste of time. There are many reasons as to why sustainable construction is important. First among them is the positive effect it has on the environment. From energy consumption to CO₂ emissions during the construction activities, many activities are life-threatening for the environment. Many machines used in the construction rely on the fossil fuels and the material used in the structures is often made



from unsafe and harmful materials. Normal construction devastates the environment while sustainable construction practices are the answer to the negative effects caused by the current construction activities.

It is important to note that all the positive factors of sustainable construction practices are actually more affordable over the time and environmentally friendly. Green buildings use fewer resources than a usual structure. Once sustainable construction is fully implemented we shall be saving money over time!

Waste minimization and the better use of materials are the main benefits of sustainable construction. We need to ensure that the planet where we live in support life. The environmental benefit behind sustainable construction practices is one step in the right direction, being a healthier and pro-green society.

Therefore, we have to promote the idea of sustainability as sustainable structures rely on more natural lighting, better architecture and modern interior design. Such buildings are more suited for a happy and joyful day, leading to better work performance!



Sustainable construction is the way of the future and companies around the world understand and will pursue it despite any opposition it may face.

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