

SUSTAINABLE CONSTRUCTION: THE ADVANTAGES AND DISADVANTAGES OF MODERN CONSTRUCTION TECHNOLOGIES

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The construction industry is one of the biggest polluters of greenhouse gases in the world. There are a lot of changes that must be done to reach the goal of becoming a more sustainable industry for the environment. The industry differs buildings into three different styles, energy-efficient, environmentally friendly, and sustainable. These styles are very similar in their purpose by include different kind of factors improve the buildings impacts on the environment.

To reduce the pollution even more experts have come up with a couple of construction methods, to help the companies keep their emissions low during the process. The two most common methods are prefabricated construction, which is the preferred method of environmentalists because there is less time spent on the construction site due to the panels being produced at an efficient off-site facility. The second method is the onsite construction method, where most of the walls and ceilings get produced on site. Many companies are struggling on adapting to the new modern technologies because there are many obstacles put into their way. The biggest obstacle is the financial one, many companies cannot afford these methods because they well never benefit from them. This means that the national governments must come up with solutions to help the industry financially, so that more companies can afford to build sustainable.