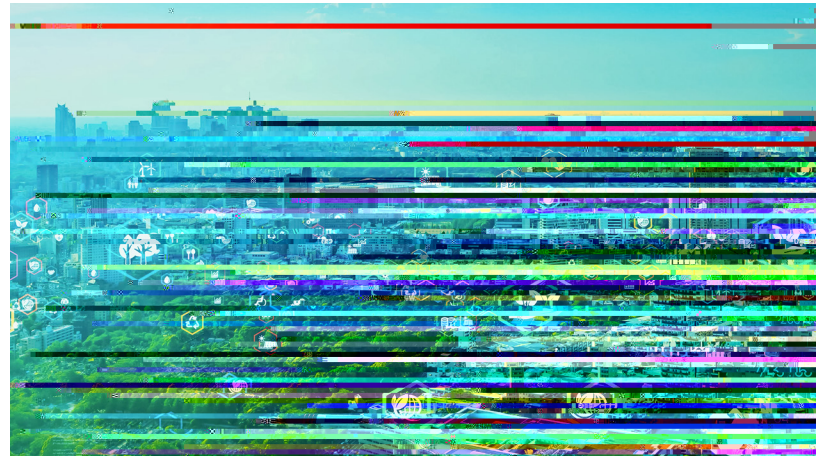


The Impact of Climate Change on Construction Practices: Building Resilience for the Future

Written by: Rose Morrison, Freelance Writer

Global warming has been changing the climate — and the construction industry. Scientists consider mainstream building practices detrimental. They emit mammoth amounts of



The brightest construction minds can think of numerous are feasible. Researching the apt combination of materials and technologies to ensure the structure is solid enough to achieve the project's climate resilience and sustainability goals needs considerable work, especially when considering novel solutions.

Miscommunication is a common pain point during this phase.

project that comes with its own set of unique challenges.

Thankfully, construction teams have gone digital. Cloud technology helps ensure all project stakeholders are on the same page, collaborate more closely to establish clear

objectives, and resolve misunderstandings. These tools support transparency and synchronization, enabling everyone to review revision and conversation histories.

Furthermore, integrating environmental, social, and government principles into construction designs matters [bet on climate-resilient developments](#), so they're more keen on funding sustainable projects.

Pre-Construction — Design

More and more project owners are waking up to the seriousness of climate change, so they want to embrace green building practices as much as possible. Gone are the days when construction contracts go to the most affordable bidders. Eco-friendly development projects require distinct competencies only some contractors have. The construction skills gap is wide in general, but the talent pool of building professionals adept at working with emerging sustainable materials and practices

Finalizing the budget can be tricky, too. Sustainable products economies of scale. For example, sheep's wool is gaining steam [as a renewable insulation material](#) but can be cost-prohibitive [happens only once a year](#).

Climate change has made the public and policymakers more sensitive to the ecological effects of construction projects. Environmental concerns and stringent compliance requirements make paperwork processes more taxing.

Some of the above challenges have no shortcuts. The best your

other hand, renting allows you to use the machines only when you need them.

Adapting to Climate Change One Step at a Time

industry that has been a notable driver of global warming for decades. Construction still has a long way to go before

get there eventually, as long as its stakeholders commit to making amends for the sector's environmentally damaging ways and being instrumental in promoting climate resilience from here on out.



About the Author

Rose Morrison is a freelance writer with a passion for sustainable building and innovative construction technologies. She has interviewed numerous industry professionals to gain insight into the current challenges facing the built industry and developing strategies for overcoming them.

managing editor of [Renovated.com](https://www.renovated.com). She also regularly contributes to other publications, such as NCCER, The Safety Mag, and Geospatial World. Follow Rose on [Twitter](#).

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