

Frameworks for Circular Economy in Construction Projects-A Review

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Abstract:

The construction industry is considered as the world's largest raw material consumer in the world. Further, most of the construction is done on the principles of linear economy, where natural resources are designed, produced, used and finally become waste after service life. In the circular economy model, the existing materials and products are shared, leased, reused, repaired, refurbished and recycled. Thus, a circular economy addresses global challenges such as climate change, loss of biodiversity, waste and pollution. Researchers have suggested various Frameworks for using Circular Economy in Construction Projects. This paper is an attempt to review the various frameworks systematically, analyze them, finding the research gaps and suggesting the further scope of research.

Keywords:

Circular Economy, Framework, Construction, Projects.