

THE IMPACT OF STRUCTURAL MATERIAL WASTE ON CLIMATE

To break the cycle of cumulative waste generation and carbon emissions, we need an effective alternative to demolition, which perpetuates it.

A solution to transforming the built environment to benefit communities and the Earth considers structures' life cycles and rethinks their end of life. It aims to capture the full value of a structure through a circular model, rather than thinking of 'end of life' as 'end of use'. This means 'deconstructing' a structure at its 'end-of-life', then salvaging and reusing its materials.

Much material in our landfills comes from buildings, emitting carbon while taking up space. Much of this material is salvageable.

