

Circularity actors across the value chain

DEVELOPERS AND INVESTORS:



Integrate circular economy requirements into ESG and sustainability strategies. Implement mandatory life cycle assessments alongside digital modeling to guide planning and decision-making, including the use of alternative materials wherever possible.

MANUFACTURERS AND SUPPLIERS:



Consider and prioritize the use of alternative materials, focusing on reused materials and exploring business models that include product take-back. Begin collecting and publishing data to promote market transparency and create a ripple effect throughout the entire supply chain.

DESIGNERS:



Prioritize circular design and retrofit with adaptability, disassembly, and nature-positive solutions. Specify materials with passports and EPDs, including reused and alternative options, to boost secondary and bio-based markets.

CONTRACTORS:



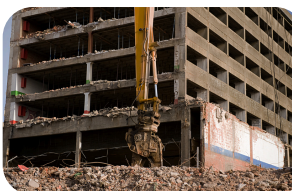
Build adaptable, maintainable, and dismantlable structures. Implement sustainable procurement prioritizing local, low-carbon, non-hazardous materials with minimal overordering and product returns. Develop a plan to minimize construction waste.

OWNERS/USERS AND MANAGERS:



Innovate with sharing business models and promote adaptable buildings for diverse users. Protect and enhance onsite nature and resources. Develop a plan to reduce operational waste and landfill disposal.

DECONSTRUCTION:



At the end of a building's life, recover all materials for reuse, repair, or recycling to extend product lifespan and reduce construction waste. Where reuse isn't possible, apply the cascade use hierarchy to repurpose materials for lower-function applications.

DECISION MAKERS:



Decision makers can enable and facilitate circular design principles through appropriate legislative changes that promote the use of circular products and services.