



Circular Economy Design and Management in the Built Environment : A Critical Review of the State of the Art /

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This open access book offers a comprehensive exploration of Circular Economy Design and Management within the Built Environment, presenting a critical review of the current state of the art. Going through multi-level approaches from material usage to urban planning, it meticulously examines strategies for circular building design, criteria, and indicators for circularity. Additionally, it explores practical tools and frameworks, as well as roles and relationships of stakeholders along the entire value chain. Through insightful case studies and critical analysis, readers gain a deep understanding of circularity principles and applications, circularity management models and feedback systems, sustainable practices, and the integration of circularity into technological advancements and digital tools such as BIM. The importance of this book lies in addressing pressing challenges in contemporary architecture and construction, providing a roadmap for sustainable, circular solutions. It tackles the critical need to transition from linear to circular practices, emphasising resource efficiency, waste reduction, and the longevity of structures. By offering practical insights and highlighting successful implementations, the book aims to guide architects, civil engineers, designers, sustainability professionals, and policymakers towards informed decision-making in creating environmentally conscious built environments. Designed for these professionals and researchers, this book serves as a valuable resource for anyone passionate about reshaping the future of our built spaces with a focus on circularity and environmental responsibility

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzY1Mzg3NDI>

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