

Circular Economy: An Overview of Principles, Strategies, and Case Studies

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Abstract : The concept of a circular economy is gaining increasing attention as a way to promote sustainable economic growth and reduce the environmental impact of human activities. The circular economy is a systemic approach that aims to keep materials and resources in use for as long as possible, minimize waste and pollution, and regenerate natural systems. The purpose of this article is to present a summary of the principles and tactics employed in the circular economy, along with examples of prosperous circular economy projects implemented in different sectors across Japan, Austria, the Netherlands, South Africa, Germany, and the United States. The paper concludes with a discussion of the challenges and opportunities associated with the transition to a circular economy and the policy interventions that can support this transition.

Keywords : circular economy, waste reduction, sustainable development, recycling

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