

Special Issue

Circular Business Model Innovation for a Circular Bioeconomy

Message from the Guest Editors

The circular economy has been pointed to as one alternative to linear practices of traditional businesses, as a way of reverting high rates of resource consumption and waste generation, for the current linear model (extract-produce-consume-dispose) is not sustainable. As the circular economy grows, businesses must prepare for their transition from linear to circular models. If based on bioresources, the circular economy can also lead to regenerative and renewable systems in a so-called Circular Bioeconomy (CBE). The implementation of CBE requires systemic changes in how industries work, which calls for circular business model innovation (CBMI) at the firm and ecosystem levels. As new business models are already considered to be one of the building blocks of a CE, CBMI is crucial for the establishment of a strong CBE. Innovative business models for a CBE can transform a range of sectors by enabling circular businesses to develop viable technologies and scalable solutions to produce biobased products with lower environmental impacts and optimize resource efficiency by reversing cycles of different materials, components, and products in both biological and technical cycles.

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