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Quadruple helix logistics model: A new strength of supply chain in circular economy

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Abstract

The purpose of this chapter is to review the concept of circular economy in the context of logistics and supply chain, which it is crucial in dealing with climate change. To strengthen the circular supply chain, this chapter proposed the Quadruple Helix logistics model (QHLM). The model emphasized corporate spirituality values that instill responsibility for environmental, social, and economic sustainability in four key components: the government, university, logistics companies/departments, and community, all of which are thought to be critical for the success of circular economy implementation, resulting in sustainable development. Finally, this chapter discusses the future prospects of logistics within the circular economy concept, presenting a win-win situation between environmental conservation, societal well-being, and business sustainability. © 2023, IGI Global.

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Abstract

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