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Transformation: manufacturing perspectives, examples and experiences from implementation of Circular Economy in Asia -- Chapter 10. The circular economy, employment and low carbon in the UK manufacturing sector -- Chapter 11. Circular Economy through technology for Waste-to-Energy -- Chapter 12. Utilization of household sewage sludge - the effect of the temperature of pyrolysis on the chemical properties -- Chapter 13. Shifting toward Resource Management in Remote Area: A Case Study of Lake Toba, Indonesia -- Chapter 14. Circular Bioeconomy through Anaerobic Digestion.

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Sommario/riassunto

This edited book brings out a comprehensive collection of information on principle and policy of circular economy. It deals with the general principles, pathways of circular economic development in different countries, use of circular economy in achieving sustainable development goals. The book covers policy instruments that helps implementing resource efficient processes, strategies of implementing circular economy concepts, Decarbonisation, and developing business promoting circular economy principles. The circular economy has gained increasing prominence as a tool which presents solutions to some of the world's most pressing sustainable development challenges. By addressing root causes, the concept of a circular economy, an economy in which waste and pollution do not exist by design, products and materials are kept in use, and natural systems are regenerated provides promise to achieving SDGs. This book is of interest and use to practitioners, capacity builders and policymakers, entrepreneurs, NGOs, general people, and valuable source of reference to the relevant researchers and students in global markets. As circular economy is gaining momentum and interest in general, the book serves as reading material for undergraduate and graduate students in any field specifically environmental science, waste management, medical science as well as environmental management at national and international level.

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