

Circular Economy Implementation for Sustainability in the Built Environment

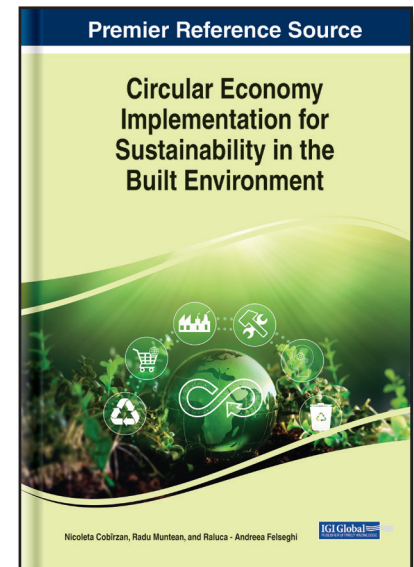
Part of the Advances in Finance, Accounting, and Economics Book Series

Nicoleta Cobîrzan (Technical University of Cluj-Napoca, Romania),
Radu Muntean (Transilvania University of Brasov, Romania) and Raluca
- Andreea Felseghi (Technical University of Cluj-Napoca, Romania)

Description:

The construction sector plays an essential role in the global economy, using many exhaustible natural resources, most of which are renewable in low percentages. Moving towards a circular economy is essential because optimizing the consumption of materials and energy contributes to the development of an economic system that is independent, more competitive, and more resilient in the face of economic and social crises and various environmental factors. The current “take, make, and dispose” model of the economy is unsustainable, so a shift in thinking towards a circular economy is necessary. This circular economy is an economic model that minimizes the use of natural resources by selecting them intelligently and minimizing the use of raw materials, favoring the use of recyclable materials wherever possible while managing the resources used and maintaining and reusing them in the economic system for as long as possible.

Circular Economy Implementation for Sustainability in the Built Environment emphasizes the need to implement a circular economy model in the built environment and how to create a system that optimizes the use of resources and construction materials while preserving their properties and values. Covering topics such as automobile industries, lean manufacturing, and operation strategy, this premier reference source is an excellent resource for engineers, construction managers, business leaders, urban planners, students and educators of higher education, researchers, and academicians.



ISBN: 9781668482384

Pages: 300

Copyright: 2023

Release Date: June, 2023

Hardcover: \$250.00

Softcover: \$190.00

E-Book: \$250.00

Hardcover + E-Book: \$300.00

Topics Covered:

Automobile Industries
Biofuels
Conversion
Green Manufacturing
Innovation

Lean Manufacturing
Lignolytic Biomass
Obstacles
Operation Strategy
Synergies

Subject: Business and Management

Classification: Edited Reference

Readership Level: Advanced-Academic Level
(Research Recommended)

Research Suitable for: Advanced Undergraduate
Students; Graduate Students; Researchers;
Academicians; Professionals; Practitioners

Order Information

Phone: 717-533-8845 x100

Toll Free: 1-866-342-6657

Fax: 717-533-8661 or 717-533-7115

Online Bookstore: www.igi-global.com

Mailing Address: 701 East Chocolate Avenue, Hershey, PA 17033, USA