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Titolo	Sustainable Logistics and Supply Chains : Innovations and Integral Approaches // edited by Meng Lu, Joost De Bock
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-17419-3
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (193 p.)
Collana	Contributions to Management Science, , 2197-716X
Disciplina	658.7
Soggetti	Production management Engineering mathematics Engineering—Data processing Industrial Management Operations research Management science Operations Management Mathematical and Computational Engineering Applications Operations Research and Decision Theory Operations Research, Management Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Logistics Trends, Challenges and Needs For Future Research and Innovation -- Business Models for Advanced ICT in Logistics -- Future-Proofing Supply Chains -- Gain Sharing in Horizontal Logistic Co-Operation: A Case Study in the Fresh Fruit and Vegetables Sector -- Scheduling Serial Locks: a Green Wave for Water bound Logistics -- Supply Chain Network Design: Tackling Regulations, Lead Time and Cost-Efficiency -- Urban Logistics: Multi-Modal Transportation Network Design Accounting for Stochastic Passenger Demand and Freight Logistics -- Tango without the Dance floor? The Forgotten role of the Public Sector on Logistics -- Towards a Harmonised Framework for Calculating Logistics Carbon Footprint.
Sommario/riassunto	This book addresses the main challenges affecting modern logistics

and supply chains, and is organized according to five main themes: supply chain strategy and management, information and communication technology (ICT) for logistics and related business models, vertical and horizontal collaboration, intelligent hubs (e.g. ports and cities), and policy for sustainable logistics. The key findings presented are based on both extensive research and on business cases. The book examines logistics from a comprehensive viewpoint embracing the entire supply chain. The overarching advanced logistics and supply chain concept at the heart of this book endeavors to contribute to a sustainable intelligent transport system by making it more efficient, cost-effective, safe, reliable and competitive. Specifically, the book focuses on the need for a variety of supply chain, logistics and transport options, on the potential offered by technological developments, infrastructural and organizational aspects, information flows, the financial and legal domain, harmonization and the complexity of implementation. In closing, the book presents new approaches to the coordination of sound business and governance models.

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