

1. Record Nr.	UNINA9910427858503321
Titolo	Smart and sustainable supply chain and logistics Trends, challenges, methods and best practices . Volume 1 // Paulina Golinska-Dawson, Kune-Muh Tsai, Monika Kosacka-Olejnik, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2020] Â©2020
ISBN	3-030-61947-8
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (IX, 439 p. 100 illus., 80 illus. in color.)
Collana	EcoProduction: Environmental Issues in Logistics and Manufacturing, , 2193-4622
Disciplina	658.7
Soggetti	Business logistics - Environmental aspects Sustainability
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Smart Contracts in the Context of Procure-to-Pay -- Out-of-home delivery as a solution of the last mile problem in e-commerce -- Evaluation and Control of a Collaborative Automated Picking System -- Integrating RFID Signal with Scene for Automatic Identification in Logistics and Production -- Logic for Management of Vehicles at Warehouse.
Sommario/riassunto	This book discusses the critical contemporary issues of sustainability and integration of physical and information flow. It explores the digitalization of logistics processes and the need for a more integrated and a seamless cooperation in supply chain management, which are dominant trends in business practice. Moreover, it examines how the pressure for CO2 emission reductions and more resource- efficient business models influences the organization of logistics operations on both a local and global scale, demonstrating that integrating physical and cyber systems is necessary to achieve a more environmentally friendly, safe logistics and supply chain operations. In the individual chapters, the authors discuss the new qualitative and quantitative theoretical methods and models and also analyze case studies from business practice. This book provides valuable insights for academics, Ph.D. students and practitioners wishing to deepen their understanding

of logistics operations and management.
