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Titolo	Sustainable Logistics and Production in Industry 4.0 : New Opportunities and Challenges // edited by Katarzyna Grzybowska, Anjali Awasthi, Rapinder Sawhney
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Descrizione fisica	1 online resource (298 pages)
Collana	EcoProduction, Environmental Issues in Logistics and Manufacturing, , 2193-4614
Disciplina	658.7
Soggetti	Engineering economics Engineering economy Production management Computer security Engineering Economics, Organization, Logistics, Marketing Operations Management Systems and Data Security
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Literature Review on the 'Sustainable Logistics' and 'Sustainable Production' for Industry 4.0' -- Evaluation of Key Skills Supporting Industry 4.0 -- A Review of Literature and Practice -- The Role and Impact of Industry 4.0 on Business Models -- Smart Industry -- the Digital Gap in the Process of the Smart Supply Chain Competitive Advantage? -- Sustainable Supply Chains vs. Safety And Resilience -- Digitalization of Supply Chain Transparency The case of ChainReact -- Sustainability as Criteria Of Evaluation of Suppliers -- Sustainable Supply Chain Management in the Perspective of Sharing Economy -- Simulation Modelling and Analysis for Sustainable Supply Chains -- Identification of Logistics 4.0 Maturity Levels in Polish Companies -- Framework of the Model and Preliminary Research -- Dynamic Organisation of Traffic Flows in the Transport Network in Terms Of Sustainable Mobility and the development of Industry 4.0 --

Attractiveness the Region in Connection with Intermodal Transport Development -- Smart Glasses in Sustainable Manual Order Picking Systems -- Solutions Dedicated to Internal Logistics 4.0 -- Manager's Maturity as a Derivative of Competences and Dynamic Capabilities – Vivisection in the Context of Industry 4.0 -- Partner Sales Networks As Determinants of Road Maps of the Development of the Telecommunications Industry in Poland.

Sommario/riassunto

This book proposes essential methods, models, and case studies for Sustainable Logistics and Production in Industry 4.0. In addition to identifying and discussing various challenges and future prospects, it also features numerous case studies and quantitative research from different sectors. The authors (which include academics and managers) present insightful tips on the technical, organizational and social aspects of implementing Sustainable Logistics and Production in Industry 4.0. In today's world, changes are coming faster and more unpredictably. Production is becoming more automated, computerized and complex. In short, Industry 4.0 is creating many new opportunities, but at the same time several new challenges. This book offers a valuable resource for all academics and practitioners who want to deepen their knowledge of Sustainable Logistics and Production in Industry 4.0.
