

1. Record Nr.	UNINA9910254165203321
Titolo	Value Networks in Manufacturing : Sustainability and Performance Excellence // edited by Jayantha P Liyanage, Teuvo Uusitalo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-27799-5
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XXI, 317 p. 72 illus., 43 illus. in color.)
Collana	Springer Series in Advanced Manufacturing, , 1860-5168
Disciplina	658.5
Soggetti	Industrial engineering Production engineering Production management Globalization Markets Industrial and Production Engineering Operations Management Emerging Markets/Globalization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Governance Models -- Business Modelling -- Life-Cycle Based Sustainable Solution Development -- Performance Management -- Industrial Cases -- Conclusion.
Sommario/riassunto	This book highlights innovative solutions together with various techniques and methods that can help support the manufacturing sector to excel in economic, social, and environmental terms in networked business environments. The book also furthers understanding of sustainable manufacturing from the perspective of value creation in manufacturing networks, by capitalizing on the outcomes of the European 'Sustainable Value Creation in Manufacturing Networks' project. New dynamics and uncertainties in modern markets call for innovative solutions in the global manufacturing sector. While the manufacturing sector is traditionally driven by technology, it also requires other managerial and organizational solutions in terms of network governance, business models, sustainable solution

development for products and services, performance management portals, etc., which can provide major competitive advantages for companies. At the same time, the manufacturing industry is subject to a change process, where business networks play a major role in value-creating processes. By far the biggest challenge in this context is making value creation a sustainable process where economic, social, and environmental demands are met. Managing product and service-related business operations in manufacturing networks thus brings different challenges that cannot purely be resolved using traditional methods, and techniques. This book is an outcome of a European project funded by the European Commission, and performed by a dedicated R&D consortium comprised of some leading Research institutions and Industrial partners.
