1. Record Nr. UNINA9910522914303321

Autore	Juraschek Max
Titolo	Analysis and Development of Sustainable Urban Production Systems / / by Max Juraschek
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-76602-0
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (169 pages)
Collana	Sustainable Production, Life Cycle Engineering and Management, , 2194-055X
Disciplina	658.5
Soggetti	Industrial engineering Production engineering Urban economics Industrial and Production Engineering Urban Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction and motivation -- Urban space, production systems and sustainable development -- Existing approaches for urban production systems -- Integrated concept for analysis and development of sustainable urban production systems -- Application of the integrated concept for sustainable urban production systems -- Summary, current challenges and future research directions.
Sommario/riassunto	Manufacturing of products in urban production sites is connected to unique potentials, yet also to specific challenges. Urban factories can provide functional diversity and contribute positive impacts to a city. The concept of urban production receives rising attention in research and industry and it is recognized in its interdisciplinary nature. With a holistic approach from both the urban perspective and the factory perspective, negative impacts can be minimized, positive effects enabled and mutually beneficial, symbiotic combinations created. The presented framework and methods for the evaluation and implementation of sustainable urban production systems allow the assessment of impacts and provide the means to control and utilize the unique strengths of urban factories for cities and industry. This will

allow a structured derivation of methods and measures from the concept of urban production for producing enterprises and the urban stakeholders. .