

1. Record Nr.	UNINA9910366591003321
Autore	Migliore Marco
Titolo	Strategies for Circular Economy and Cross-sectoral Exchanges for Sustainable Building Products : Preventing and Recycling Waste // by Marco Migliore, Cinzia Talamo, Giancarlo Paganin
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-30318-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XI, 233 p.)
Collana	Springer Tracts in Civil Engineering, , 2366-2603
Disciplina	624
Soggetti	Construction industry - Management Refuse and refuse disposal Sustainable architecture Environment Construction Management Waste Management/Waste Technology Sustainable Architecture/Green Buildings Environmental Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Waste and circular economy in the European policies -- Construction and demolition waste -- Reuse as a bridge between waste prevention and the circular economy -- Waste up-cycling in EU co-funded projects -- A virtual marketplace for the waste valorization -- Circular economy and sustainable procurement: the role of the attestation of conformity -- Crossing the boundaries: from agriculture and livestock to the building industry -- Information and Communication Technologies (ICTs) for advanced scraps/waste management -- Integrated Design and Living Labs to Fostering Smart (Waste) Networks.
Sommario/riassunto	This book offers a valuable tool for understanding current efforts to promote the reuse and enhancement of pre-consumer waste in the development of new products for the construction sector, as well as the financial and regulatory tools being used to support this trend. It explores the vast and complex topic of the circular economy from the

perspective of strategies for the reuse/recycling of waste, and develops a number of key premises: waste reuse/recycling must be considered using a logic of cross-sectoriality, recognizing the need to enhance the “dialogue” between different sectors; pre-consumer waste is particularly interesting for the recycling market because the construction sector can reduce its environmental impacts by enhancing its capacity to use secondary raw materials and by-products from other sectors; and lastly, the manufacturing sector is currently experimenting with promising forms of reducing/recycling pre-consumer waste and is at the same time providing by-products that can be used in other production chains. As such, the book offers a valuable asset for professionals who are interested in sustainability in construction, and in the study of construction products; however, it will be equally useful for local decision-makers tasked with implementing development policies and innovations in the industrial sector.
