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ISBN	3-030-67431-2
Descrizione fisica	1 online resource (viii, 216 pages) : illustrations (some color)
Collana	Lecture notes in intelligent transportation and infrastructure
Disciplina	388.3493
Soggetti	Transportation - Technological innovations Transportation and state Buses, Electric Vehicles elèctrics Transport públic Autobusos Política de transports Seguretat informàtica Llibres electrònics
Lingua di pubblicazione	Inglese
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Sommario/riassunto	This book addresses various aspects of electric mobility deployment in public transport. These include transport policy-related issues as well as technical, organizational and technical dimensions of the fleet conversion process (from conventional one towards the increased share of electric vehicles in public transport). In the book, one may find, e.g. the determinants for the successful functioning of electrified transport systems (including charging facilities), models and methods for battery electric bus energy consumption, the analysis regarding the charging strategies (including power-grid) as well as electric vehicle battery issues. As the process of fleet conversion is multi-faceted, the book also contains the issues related to cybersecurity in public transport, autonomous vehicles and hyperloop. The book is dedicated to

transport professionals, consulting companies and researchers in the field of electromobility and modern transport systems.