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Titolo	Fleets Go Green // edited by Christoph Herrmann, Mark Stephan Mennenga, Stefan Böhme
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Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XIX, 110 p. 67 illus., 65 illus. in color.)
Collana	Sustainable Production, Life Cycle Engineering and Management, , 2194-0541
Disciplina	621.042
Soggetti	Renewable energy resources Automotive engineering Sustainable development Renewable and Green Energy Automotive Engineering Sustainable Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Fleet measurement and full vehicle simulation -- Determining relevant factors in purchasing electric vehicles for fleets -- Concepts for the strategic planning of the energy supply of electric vehicles fleets with local production of renewable energy -- Life cycle assessment of electric vehicles in fleet operations in "Fleets Go Green" -- Workshop based decision support methodology for integrating electric vehicles into corporate fleets -- Recommendations form Fleets Go Green.
Sommario/riassunto	The book presents the results of the research project Fleets Go Green from different engineering disciplines. It includes comprehensive empirical data as well as different methods and tools for evaluating and integrating electric vehicles into corporate fleets. Finally, the authors give recommendations for fleet owners, vehicle manufacturers and political decision. The aim of the joint research project Fleets Go Green was the integrated analysis and evaluation of the environmental performance of electric and plug-in-hybrid vehicles in everyday usage

on the example of fleet operations. The potential of electric vehicles for reducing the harmful environmental impacts of road transport in everyday conditions can only be analyzed and evaluated in field tests. If electric vehicles should realize their potential to reduce emissions and minimize the consumption of resources, an integrated life cycle assessment is required.
