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Collana	Balkema Book Sustainable Cities Research Series, , 2472-2510 ; ; Volume 1
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Soggetti	Ecological houses Urban transportation Sustainable urban development
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Note generali	A Balkema book.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	part 1. Methodological bases -- part 2. Practicing eco-design -- part 3. Application to a case study, Cite Descartes.
Sommario/riassunto	The Chair on Ecodesign for buildings and infrastructures was created by ParisTech in partnership with VINCI with the aim of developing evaluation and simulation tools that integrate all ecodesign aspects (e.g. greenhouse gas emissions, impact on biodiversity, depletion of resources, etc.) and provide genuine decision-aid instruments, based on a scientific approach, to all those involved in the urban environment (i.e. designers, builders and users). The present book takes stock of five years of research under the Chair. It starts by presenting some methodological bases of ecodesign, life cycle assessments, impact studies, and methods for planning and transport. Several specific subjects are then covered, i.e. public transport, parking, road traffic, the environmental profile of building materials, building retrofits, energy management, and biodiversity. The last part of the book sets

out how the knowledge and tools developed under the Chair were applied to a case study: Cite Descartes in Marne la Vallee (Ile de France). This work is aimed at urban planners, local authorities, contracting clients, architects, engineering firms, contractors, building managers, research lecturers, and anyone interested in the environmental quality of the places we live in.
