1. Record Nr. UNINA9910786952603321

Autore	Hodson Mike
Titolo	Low carbon nation / / Mike Hodson and Simon Marvin
Pubbl/distr/stampa	Abingdon, Oxon : , : Routledge, , 2013
ISBN	0-415-63228-5 1-136-66769-5 1-136-66762-8 0-203-58304-3
Descrizione fisica	1 online resource (ix, 229 pages)
Altri autori (Persone)	MarvinSimon <1963->
Disciplina	307.1/2160941
Soggetti	City planning - Environmental aspects - Great Britain Urban policy - Great Britain Regional planning - Environmental aspects - Great Britain Carbon dioxide mitigation - Great Britain
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Formerly CIP.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction 2. Low Carbon Britain as Spaces of Experimentation 3. Re-Engineering State Low Carbon Architecture 4. Exclusive Capabilities and Low Carbon Strategies 5. The Low Carbon Saudi Arabia? Scotland 6. Knitting, Prioritising and Bounding the Low Carbon Region: Wales 7. The Low Carbon Industrial Phoenix? North East England 8. The Race for the Low Carbon Capital: Greater London 9. Low Carbon Economic Boosterism: Greater Manchester 10. Conclusion: What Kind of Low Carbon Britain?
Sommario/riassunto	What does the transition to a Low Carbon Britain mean for the future development of cities and regions across the country? Does it reinforce existing 'business as usual' or create new transformational opportunities? Low Carbon Nation? takes an interdisciplinary approach to tackle this critical question, by looking across the different dimensions of technological, scientific, social and economic change within the diverse city and regional contexts of the UK. Hodson and Marvin set out how the transition to low carbon futures needs to be understood as a dual response to the wider financial and economic crisis and to critical ecological concerns about the implications of

global climate change. The book develops a novel framework for understanding how the transition to low carbon is informed by historical legacies that shape the geographical, political and cultural dimensions of low carbon responses. Through a programme of research in Scotland, Wales, the North East of England, Greater London, and Greater Manchester, the authors set out different styles of low carbon urban and regional response. Through in-depth illustration of this in newly devolved nations, an old industrial region, a global city-region and in an entrepreneurial city, international lessons can be drawn about the limits and the unrealised opportunities of low carbon transition. This book is key reading for students on geography, economics, planning and social science degrees, as well as those studying sustainability in related contexts trying to understand the urban and regional politics of low carbon transition. It is also an essential resource for policymakers, public officials, elected representatives, environmentalists and business leaders concerned with shaping the direction and type of transition. What does the transition to a Low Carbon Britain mean for the future development of cities and regions across the country? Does it reinforce existing 'business as usual' or create new transformational opportunities? Low Carbon Nation? takes an interdisciplinary approach to tackle this critical question, by looking across the different dimensions of technological, scientific, social and economic change within the diverse city and regional contexts of the UK. Hodson and Marvin set out how the transition to low carbon futures needs to be understood as a dual response to the wider financial and economic crisis and to critical ecological concerns about the implications of global climate change. The book develops a novel framework for understanding how the transition to low carbon is informed by historical legacies that shape the geographical, political and cultural dimensions of low carbon responses. Through a programme of research in Scotland, Wales, the North East of England, Greater London, and Greater Manchester, the authors set out different styles of low carbon urban and regional response. Through in-depth illustration of this in newly devolved nations, an old industrial region, a global city-region and in an entrepreneurial city, international lessons can be drawn about the limits and the unrealised opportunities of low carbon transition. This book is key reading for students on geography, economics, planning and social science degrees, as well as those studying sustainability in related contexts trying to understand the urban and regional politics of low carbon transition. It is also an essential resource for policymakers, public officials, elected representatives, environmentalists and business leaders concerned with shaping the direction and type of transition.

2. Record Nr. UNINA9910254083603321

Titolo	Software for Exascale Computing - SPPEXA 2013-2015 / / edited by Hans-Joachim Bungartz, Philipp Neumann, Wolfgang E. Nagel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-40528-4
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (X, 565 p. 198 illus., 171 illus. in color.)
Collana	Lecture Notes in Computational Science and Engineering, , 2197-7100 ; ; 113
Disciplina	004.11
Soggetti	Computer simulation Computers Mathematics - Data processing Computer input-output equipment Engineering mathematics Engineering - Data processing Mathematical physics Computer Modelling Hardware Performance and Reliability Computational Science and Engineering Input/Output and Data Communications Mathematical and Computational Engineering Applications Theoretical, Mathematical and Computational Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Sommario/riassunto	The research and its outcomes presented in this collection focus on various aspects of high-performance computing (HPC) software and its development which is confronted with various challenges as today's supercomputer technology heads towards exascale computing. The individual chapters address one or more of the research directions (1) computational algorithms, (2) system software, (3) application software, (4) data management and exploration, (5) programming, and (6)

software tools. The collection therebyhighlights pioneering research findings as well as innovative concepts in exascale software development that have been conducted under the umbrella of the priority programme "Software for Exascale Computing" (SPPEXA) of the German Research Foundation (DFG) and that have been presented at the SPPEXA Symposium, Jan 25-27 2016, in Munich. The book has an interdisciplinary appeal: scholars from computational sub-fields in computer science, mathematics, physics, or engineering will find it of particular interest.