Retrofitting Cities

Priorities, governance and experimentation

Edited by
Mike Hodson and Simon Marvin





Retrofitting Cities Priorities Governance And Experimentation

Ralph Horne

Retrofitting Cities Priorities Governance And Experimentation:

Retrofitting Cities Mike Hodson, Simon Marvin, 2015-12-14 Developing an up to date critical framework for analysing urban retrofit this is the first book to examine urban re engineering for sustainability in a socio technical context Retrofitting Cities examines why retrofit is emerging as an important strategic issue for urban authorities and untangles the mix of economic competitive ecological and social drivers that influence any transition towards a more sustainable urban environment Retrofitting Cities comparatively explores how urban scale retrofitting can be conceptualised as a socio technical transition to critically compare and contrast different national styles of response in cities of the north and global south and to develop new research and policy agendas on future development of progressive retrofitting Bringing together a group of researchers from a variety of disciplinary backgrounds that reflect the complexity of the research challenge Retrofitting cities looks across different infrastructures and types of built environment dealing with diverse urban contexts and examining formal as well as community responses This is a uniquely practical book for urban planning and policy professionals as well as for researchers in urban studies and urban design Retrofitting Cities Mike Hodson, Simon Marvin, 2015-12-14 Developing an up to date critical framework for analysing urban retrofit this is the first book to examine urban re engineering for sustainability in a socio technical context Retrofitting Cities examines why retrofit is emerging as an important strategic issue for urban authorities and untangles the mix of economic competitive ecological and social drivers that influence any transition towards a more sustainable urban environment Retrofitting Cities comparatively explores how urban scale retrofitting can be conceptualised as a socio technical transition to critically compare and contrast different national styles of response in cities of the north and global south and to develop new research and policy agendas on future development of progressive retrofitting Bringing together a group of researchers from a variety of disciplinary backgrounds that reflect the complexity of the research challenge Retrofitting cities looks across different infrastructures and types of built environment dealing with diverse urban contexts and examining formal as well as community responses This is a uniquely practical book for urban planning and policy professionals as well as for researchers in urban studies and urban design Urban Living Labs Simon Marvin, Harriet Bulkeley, Lindsay Mai, Kes McCormick, Yuliya Voytenko Palgan, 2018-05-03 All cities face a pressing challenge how can they provide economic prosperity and social cohesion while achieving environmental sustainability. In response new collaborations are emerging in the form of urban living labs sites devised to design test and learn from social and technical innovation in real time. The aim of this volume is to examine inform and advance the governance of sustainability transitions through urban living labs Notably urban living labs are proliferating rapidly across the globe as a means through which public and private actors are testing innovations in buildings transport and energy systems Yet despite the experimentation taking place on the ground we lack systematic learning and international comparison across urban and national contexts about their impacts and effectiveness We have limited

knowledge on how good practice can be scaled up to achieve the transformative change required This book brings together leading international researchers within a systematic comparative framework for evaluating the design practices and processes of urban living labs to enable the comparative analysis of their potential and limits It provides new insights into the governance of urban sustainability and how to improve the design and implementation of urban living labs in order to realise Retrofitting Cities for Tomorrow's World Malcolm Eames, Tim Dixon, Miriam Hunt, Simon Lannon, 2017-09-06 A groundbreaking exploration of the most promising new ideas for creating the sustainable cities of tomorrow The culmination of a four year collaborative research project undertaken by leading UK universities in partnership with city authorities prominent architecture firms and major international consultants Retrofitting Cities for Tomorrow s World explores the theoretical and practical aspects of the transition towards sustainability in the built environment that will occur in the years ahead The emphasis throughout is on emerging systems innovations and bold new ways of imagining and re imagining urban retrofitting set within the context of futures based thinking The concept of urban retrofitting has gained prominence within both the research and policy arenas in recent years While cities are often viewed as a source of environmental stress and resource depletion they are also hubs of learning and innovation offering enormous potential for scaling up technological responses But city level action will require a major shift in thinking and a scaling up of positive responses to climate change and the associated threats of environmental and social degradation Clearly the time has come for a more coordinated planned and strategic approach that will allow cities to transition to a sustainable future This book summarizes many of the best new ideas currently in play on how to achieve those goals Reviews the most promising ideas for how to approach planning and coordinating a more sustainable urban future by 2050 through retrofitting existing structures Explores how cities need to govern for urban retrofit and how future urban transitions and pathways can be managed modeled and navigated Offers inter disciplinary insights from international contributors from both the academic and professional spheres Develops a rigorous conceptual framework for analyzing existing challenges and fostering innovative ways of addressing those challenges Retrofitting Cities for Tomorrow s World is must reading for academic researchers including postgraduates insustainability urban planning environmental studies economics among other fields It is also an important source of fresh ideas and inspiration for town planners developers policy advisors and consultants working within the field of sustainability energy and the urban environment Suburbia in the 21st Century Paul Maginn, Katrin B. Anacker, 2022-03-24 The majority of the world's population now live in urban areas and the 21st century has been declared as the urban age However closer inspection of where people live in cities especially within so called advanced liberal democracies such as Australia the United Kingdom and the United States reveals that most people live in different types of suburban environments Drawing together scholars from across the globe this book provides a series of national regional and local case studies from Australia Canada Finland France Ireland Spain the United Kingdom and the United States to

exemplify the diverse and dynamic nature and importance of suburbia in 21st century urban studies city building and urbanism This book explores the evolving social physical and economic character of the suburbs and how structural processes market dynamics and government policies have shaped and transformed suburbia around the world It highlights the continuing importance of the suburbs and the suburban dream which lives on albeit under increasing challenges such as the global financial crisis structural racism and the Covid 19 pandemic which have given rise to various suburban nightmares

Rethinking Urban Transitions Andrés Luque-Ayala, Simon Marvin, Harriet Bulkeley, 2018-03-15 Rethinking Urban Transitions provides critical insight for societal and policy debates about the potential and limits of low carbon urbanism It draws on over a decade of international research undertaken by scholars across multiple disciplines concerned with analysing and shaping urban sustainability transitions It seeks to open up the possibility of a new generation of urban low carbon transition research which foregrounds the importance of political geographical and developmental context in shaping the possibilities for a low carbon urban future. The book's contributions propose an interpretation of urban low carbon transitions as primarily social political and developmental processes Rather than being primarily technical efforts aimed at measuring and mitigating greenhouse gases the low carbon transition requires a shift in the mode and politics of urban development The book argues that moving towards this model requires rethinking what it means to design practise and mobilize low carbon in the city while also acknowledging the presence of multiple and contested developmental pathways Key to this shift is thinking about transitions not solely as technical infrastructural or systemic shifts but also as a way of thinking about collective futures societal development and governing modes a recognition of the political and contested nature of low carbon urbanism The various contributions provide novel conceptual frameworks as well as empirically rich cases through which we can begin to interrogate the relevance of socio economic political and developmental dimensions in the making or unmaking of low carbon in the city The book draws on a diverse range of examples including world cities and ordinary cities from North America South America Europe Australia Africa India and China to provide evidence that expectations aspirations and plans to undertake purposive socio technical transitions are both emerging and encountering resistance in different urban contexts Rethinking Urban Transitions is an essential text for courses concerned with cities climate change and environmental issues in sociology politics urban studies planning environmental studies geography and **Post-Carbon Inclusion** Ralph Horne, Aimee Ambrose, Gordon Walker, Anitra Nelson, 2024-05-30 the built environment This collection pays unique attention to the highly challenging problems of addressing inequality within decarbonisation particularly under explored aspects such as high consumption degrowth approaches and perverse outcomes Contributors point out means and possibilities of the transition from high carbon inequalities to post carbon inclusion. They apply a variety of conceptual and methodological approaches in all inclusive ways to diverse challenges such as urban heating and retrofitting Richly illustrated with case studies from the city to the household this book critically examines just transitions to

Comparative Urban Research From Theory To Practice David Simon, Henrietta Palmer, Jan Riise, 2020-03-25 Available Open Access under CC BY NC licence Reporting on the innovative transdisciplinary research on sustainable urbanisation undertaken by Mistra Urban Futures a highly influential research centre based in Sweden 2010 19 this book builds on the Policy Press title Rethinking Sustainable Cities to make a significant contribution to evolving theory about comparative urban research Highlighting important methodological experiences from across a variety of diverse contexts in Africa and Europe this book surveys key experiences and summarises lessons learned from the Mistra Urban Futures global research platforms It demonstrates best practice for developing and deploying different forms of transdisciplinary co production covering topics including neighbourhood transformation and housing justice sustainable urban and transport development urban food security and cultural heritage Housing Sustainability in Low Carbon Cities Ralph Horne, 2017-09-08 Housing affordability urban development and climate change responses are great challenges that are intertwined yet the conceptual and policy links between them remain under developed Housing Sustainability in Low Carbon Cities addresses this gap by developing an interdisciplinary approach to urban decarbonisation drawing upon more established yet quite distinctive fields of built environment policy and design housing and studies of social and economic change Through this approach policy and practices of housing affordability equity energy efficiency resilience and renewables are critiqued and alternatives are presented Drawing upon international case studies this book provides a unique contribution to interdisciplinary urban and housing studies discourses and practices in an era of climate change This book is recommended reading on higher level undergraduate and taught postgraduate courses in architecture urban studies planning built environment geography and urban studies It will also be directly valuable to housing and urban policy makers and sustainability practitioners

Retrofitting Cities Priorities Governance And Experimentation Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has be more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Retrofitting Cities Priorities Governance And Experimentation**," published by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we shall delve to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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