The Compact City: A Sustainable Urban Form?

Edited by

Mike Jenks, Elizabeth Burton and Katie Williams

Oxford Brookes University, Oxford, UK

Contents

Contributors	vii
Acknowledgements	Х
Introduction	1
Compact Cities and Sustainability: An Introduction Mike Jenks, Elizabeth Burton and Katie Williams	3
Compact City Theory	9
Introduction	11
Centrists, Decentrists and Compromisers: Views on the Future of Urban Form Michael Breheny	13
In Favour of the Compact City Mayer Hillman	36
Density, Efficiency and Equality in Australian Cities Hugh Stretton	45
The Compact City: A Successful, Desirable and Achievable Urban Form? Louise Thomas and Will Cousins	53
How Compact is Sustainable – How Sustainable is Compact? Ernie Scoffham and Brenda Vale	66
The Search for a Sustainable Urban Form Michael Welbank	74

Achieving the Compact City through Intensification: An Acceptable Option? Katie Williams, Elizabeth Burton and Mike Jenks	83
Part Two Social and Economic Issues	97
Introduction	99
Running the Gauntlet: A Compact City within a Doughnut of Decay Hedley Smyth	101
Economic and Social Issues Christopher Knight	114
The Compact City and the Market: The Case of Residential Development Charles Fulford	122
The Compact City and the Quality of Life Martin Crookston, Patrick Clarke and Joanna Averley	134
Not Compact Cities but Sustainable Regions Ray Green	143
Urban Consolidation and the Family Patrick N. Troy	155
Part Three Environment and Resources	167
Introduction	169
The Transport Dimension George Barrett	171
Travel Behaviour and Local Accessibility to Services and Facilities Stuart Farthing, John Winter and Tessa Coombes	181
Sustainable Transport in a Compact City Peter Nijkamp and Sytze A. Rienstra	190
Environmental Stress and Urban Policy Patrick N. Troy	200
Part Four Measuring and Monitoring	213
Introduction	215
The Precautionary Principle and the Compact City Elizabeth Wilson	217

The Compact City and Urban Sustainability: Conflicts and Complexities Elizabeth Burton, Katie Williams and Mike Jenks	231
Environmental Capacity of a Historic City: The Chester Experience Peter Drummond and Corinne Swain	248
City Space and Pollution Dispersion: A Modelling and Monitoring Excercise Caitríona Ní Riain, Ben Croxford, John Littler and Alan Penn	259
implementation	273
Introduction	275
Who Will Care for Compact Cities? Richard Pratt and Peter Larkham	277
Repairing Our Much Abused Cities : The Way to Sustainable Living Harley Sherlock	289
Urban Footprints : Making Best Use of Urban Land and Resources – A Rural Perspective Tony Burton and Lilli Matson	298
The Compact City and the Need to Travel: The Implementation of UK Planning Policy Guidance Michael Breheny, Adrian Gurney and James Strike	302
Sustainability in Scottish Cities: Two Case Studies of Local Management Jim Johnson	318
A New Compact City Form: Concepts in Practice Louise Thomas and Will Cousins	328
Conclusion	339
A Question of Sustainable Urban Form: Conclusion Mike Jenks, Katie Williams and Elizabeth Burton	341
Index	346