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Nota di contenuto	Front Cover -- Designing for Zero Waste -- Copyright Page -- Contents -- List of figures -- List of tables -- List of contributors -- Acknowledgements -- Foreword: Designing for zero waste / Vaughan Levitke -- Preface: Zero waste: towards a vision of a new model for humankind / Peter Brandon -- Introduction: People, policies and persuasion: the future of waste reduction and resource recovery in households and urban settings/ Steffen Lehmann and Robert Crocker -- ; Part I: Zero waste, sustainability and behaviour change: Principles -- ; 1. 'Somebody else's problem': consumer culture, waste and behaviour change - the case of walking/ Robert Crocker -- ; 2. Twenty-first-century life: how our work, home and community lives affect our capacity to live sustainably / Natalie Skinner, Pip Williams, Barbara Pocock and Jane Edwards -- ; 3. Young children and sustainable consumption: an early childhood education agenda/ Sue Nichols -- ; 4. Reducing wasteful household behaviours: contributions from psychology and implications for intervention design/ Sandra Davison, Kirrilly Thompson, Anne Sharp and Drew Dawson -- ; 5. Collaborative consumption and the remaking of local resilience: reflecting upon enabling solutions/ Angelique Edmonds -- ; Part II:

Zero waste, enabling technologies and consumption: policies -- ; 6. Getting closer to zero waste in the new mobile communications paradigm: a social and cultural perspective/ Robert Crocker -- ; 7. Waste from electronics (e-waste) governance and systems organization/ Ab Stevels, Jaco Huisman and Feng Wang -- ; 8. Life-cycle thinking, analysis and design/ Alexander Walker -- ; 9. Green houses: problem-solving, ontology and the house/ Jane Dickson with Victor Buchli -- ; 10. Living in harmony with wildlife: considering the animal's 'point of view' in planning and design/ Carla Litchfield, Kurt Lushington, Sue Bigwood and Wendy Foster Part III: Zero waste in sustainable architecture and designat the household and building scale -- ; 11. Sustainable building design and systems integration: combining energy efficiency with material efficiency/ Steffen Lehmann -- ; 12. Breathing life into the corpse: upcycling through adaptive reuse/ Stephen Ward -- ; 13. Density, design and sustainable residential development/ Alpana Sivam and Sadasivam Karuppannan -- ; 14. Construction management and a state of zero waste/ Nicholas Chileshe, Jian Zuo, Stephen Pullen and George Zillante -- ; Part IV: Zero waste in cities, urban governance and material flows -- ; 15. The metabolism of the city: optimizing urban material flow through principles of zero waste and sustainable consumption/ Steffen Lehmann -- ; 16. Sustainable transport systems and behaviour change/ Michael A. P. Taylor and Michelle Philp -- ; 17. Planning for the sustainable consumption of urban resources/ Lou Wilson -- ; 18. Development of multifunctional urban land uses using water sensitive urban design/ Simon Beecham.

Sommario/riassunto

"Designing for Zero Waste is a timely, topical and necessary publication. Materials and resources are being depleted at an accelerating speed and rising consumption trends across the globe have placed material efficiency, waste reduction and recycling at the centre of many government policy agendas, giving them an unprecedented urgency. While there has been a considerable literature addressing consumption and waste reduction from different disciplinary perspectives, the complex nature of the problem requires an increasing degree of interdisciplinarity. Resource recovery and the optimisation of material flow can only be achieved alongside and through behaviour change to reduce the creation of material waste and wasteful consumption. This book aims to develop a more robust understanding of the links between lifestyle, consumption, technologies and urban development"--
