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Autore	Newman Peter <1945->
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Energy Cities in Asia: Wind Power; 3.3.1. Jeju Island, Korea; 3.3.2. Tamil Nadu, India; 3.3.3. China's Wind Power; 3.3.4. Bangui Windmills, Ilocos Norte, Philippines; 3.4. Case Studies of Renewable Energy Cities in Asia: Geothermal Energy; 3.4.1. Xianyang, China; 3.4.2. Geothermal Energy in the Philippines; 3.5. Conclusion; Chapter Four: The Bioregional Carbon Neutral City; 4.1. Introduction; 4.2. Zira Zero Island, Azerbaijan; 4.3. Wanzhuang, China; 4.4. Auroville, India; 4.5. Tribal Development Center (Bhasha Center), Tejgadh, Baroda, India; 4.6. Druk White Lotus School, Shey, Ladakh, India; 4.7. Hlawaga Park, Myanmar; 4.8. Puerto Princesa City, Palawan, The Philippines; 4.9. La Mesa EcoPark, Quezon City, The Philippines; 4.10. Energy Policy, Singapore; 4.11. Pig Farms and the Clean Development Mechanism, Thailand; 4.12. Other Stories in Asia; 4.13. Conclusion; Chapter Five: The Distributed City; 5.1. Introduction; 5.2. Marina Bay, Singapore; 5.3. Sino-Singapore Tianjin Eco-City, China; 5.4. Jakarta and its Surrounds, Indonesia; 5.5. Dhaka, Bangladesh; 5.6. Conclusion; Chapter Six: The Biophilic City; 6.1. Introduction; 6.2. Singapore; 6.2.1. Biophilic Urbanism between Buildings; 6.2.1.1. Regional Plans; 6.2.1.2. Streetscape Plans; 6.2.1.3. Park Connectors; 6.2.1.4. Horticulture Park's Biophilic Research and Development; 6.2.1.5. The ABC of Water Management; 6.2.1.6. Community Gardens; 6.2.1.7. Gardens by the Bay; 6.2.1.8. How Has It All Worked Out?; 6.2.2. Biophilic Urbanism on Building Facades; Planning Regulations; Skyrise Greening Initiative; The Green Mark Scheme; 6.2.3. Case Studies of Greening Buildings

a. Six Battery Road - Existing Building Going Green

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## Sommario/riassunto

The world is facing an age of scarcity which will challenge all cities to reduce their resource footprint, especially carbon, improve biodiversity and at the same time continue to create economic opportunities and liveable places. This is green urbanism. Asian urban growth is leading the world in the rapidity of its change but how is it doing on green urbanism? This book finds emerging innovations and first signs of green urbanism in Asia and suggests they may be the guiding light for the rest of the world. The authors highlight seven archetypal cities exhibiting green urbanism: the renewable

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