Contents

1 26	Nancy Bocken, Paavo Ritala, Laura Albareda and Robert Verburg	1
Par	t I Systemic View—the Big Picture	
2	Innovation for Sustainability: Sceptical, Pragmatic, and Idealist Perspectives on the Role of Business as a Driver for Change Paavo Ritala	21
3	Innovation for Sustainability: Literature Review and Bibliometric Analysis Laura Albareda and Arash Hajikhani	35
4	Environmental Factors in Business Engagement in Innovation for Sustainability Edurne A. Inigo	59

vii

5	Circular Business Model Innovation for Sustainable Development Eva Guldmann and Rikke Dorothea Huulgaard	77
6	Business-Driven Ecological Innovations in Green Growth Strategies Jan Engelmann and Mohammad Al-Saidi	97
Part	II Strategy and Leadership for a Sustainability Transition	
7	Leadership, Innovation, and Sustainability Robert Verburg	117
8	Leadership and Goal Setting for Sustainable Innovation Projects in Large Businesses Ilka Weissbrod	135
9	Exploring the Pitfalls of Systemic Innovations for Sustainability Nina Tura, Genevieve Mortimer and Antero Kutvonen	157
10	Toward Smart and Sustainable Business Models in Retail Sveinung Jørgensen and Lars Jacob Tynes Pedersen	177
11	Business Model Innovation for Sustainability Through Localism Linn Meidell Dybdahl	193
12	Identifying Strategies for Sustainable Entrepreneurship Tero Rantala, Minna Saunila, Juhani Ukko and Hannu Rantanen	213

Part	III Measurement and Assessment of Sustainable Innovation	
13	Sustainable Innovation Measurement: Approaches and Challenges Nuwan Gunarathne	233
14	Assessing the Impact of Sustainable Business Models: Challenges, Key Issues and Future Research Opportunities Romana Rauter, Martina Zimek, Rupert J. Baumgartner and Josef-Peter Schöggl	253
15	REVERSING MATERIALITY: From a Reactive Matrix to a Proactive SDG Agenda Rob van Tulder and Laura Lucht	271
16	Intentional Design for Diversity as Pathway to Scalable Sustainability Impact Wouter C. Kersten, Jan Carel Diehl and Jo M. L. van Engelen	291
17	How Firms' Strategic Environmental Goals Influence Product Innovation Wolfgang Gerstlberger, Alex da Mota Pedrosa and Reynir Smari Atlason	311
Part	IV Tools, Methods and Technologies	
18	Experimentation for Sustainable Innovation Ilka Weissbrod	335
19	Experimenting with Circular Business Models—A Process-Oriented Approach Maria Antikainen and Nancy Bocken	353

20	Game-Based Approaches to Sustainable Innovation Katherine Whalen and Gerben Kijne	375
21	Circular Economy Inspired Imaginaries for Sustainable Innovations Rumy Narayan and Annika Tidström	393
22	The Impacts of Digital Technologies on Innovating for Sustainability Sabrina Schneider	415
23	Online Platforms and the Circular Economy Jan Konietzko, Nancy Bocken and Erik Jan Hultink	435
Index		451