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Nota di contenuto	Preface -- Contributing authors -- Introduction -- Chapter 1. The uptake of environmentally sensitive innovation to transform production systems in sub-Saharan Africa -- Chapter 2. Climate debt owed to Africa: what to demand and how to collect? -- Chapter 3. Education, convergence and carbon dioxide growth per capita -- Chapter 4. Green markets of the future: an economic opportunity also for newly industrializing countries and South Africa? -- Chapter 5. Science for the future: challenges and methods for transdisciplinary sustainability research -- Chapter 6. Conceptualizing sustainable development as a global problem: the role of strategic knowledge -- Chapter 7. Why radical innovations fail: the case of technological change in German coal-fired power plants -- Chapter 8. In search of green knowledge: a cognitive approach to sustainable development -- Chapter 9. Innovation for sustainability in a changing world: The South African-German dialogue on science for sustainability -- Chapter 10. The ecological economics synthesis for sustainability: post scriptum conclusion.
Sommario/riassunto	The innovation system theory has to deal with climate change as it generates the intellectual tools to promote development. A unified innovation system theory that integrates the eradication of threats to

nature with the promotion of development is critically important to advance an original pedigree and trajectory of epistemology. Africa must learn and appreciate the costs to itself from the way Europe industrialised. It can neither follow nor imitate the European pattern of industrialisation. It has to include in its own development agenda both the meeting of social needs and choosing a path of development that would not bring ecological harm in the process. The African innovation system has to evolve in a nature protecting, rather than hurting, system; in addition, social needs must be met rather than exacerbating the social inequalities path of development.
