

1. Record Nr.	UNINA9910973315703321
Titolo	Energy, bio fuels and development : comparing Brazil and the United States // edited by Edmund Amann, Werner Baer and Donald V. Coes
Pubbl/distr/stampa	Abingdon, Oxon ; ; New York, NY, : Routledge, 2011
ISBN	9786613104861 9781136846205 1136846204 9781283104869 1283104865 9781136846229 1136846220 9780203833858 0203833856
Edizione	[1st ed.]
Descrizione fisica	1 online resource (369 p.)
Collana	Routledge studies in development economics ; ; v. 87
Altri autori (Persone)	AmannEdmund BaerWerner <1931-2016> CoesDonald V. <1943->
Disciplina	333.790973
Soggetti	Energy development - Brazil Energy development - United States Clean energy industries - Brazil Clean energy industries - United States Energy policy - Brazil Energy policy - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Energy, Bio Fuels and Development Comparing Brazil and the United States; Copyright; Contents; List of figures; List of tables; List of contributors; 1 Introduction; PART I Macroeconomic and distributional dimensions of energy; 2 Oil price shocks and the macro economy: the United States versus Brazil; 3 Energy and income distribution in Brazil's development process; 4 The earth is finite and other irrelevancies about

the world's ultimate oil supply; 5 Energy restrictions to growth: the past, present and future of energy supply in Brazil
6 Oil prices and inflation in Brazil: exchange rate versus inflation targeting
7 Brazilian energy independence: petroleum, trade and economic efficiency; 8 The role played by the BNDES in funding electricity investments in Brazil; PART II Social, local and environmental impacts of changes in the energy market; 9 Climate change, energy use and long-run growth in Brazil; 10 Spatial interactions between energy and energy-intensive sectors in the Brazilian economy: a field of influence approach
11 Determinants of the income of workers in sugar cane plantations and in the sugar and ethanol industries in the North-Northeast and Center-South regions of Brazil
12 A framework for examining the impact of bio fuels on the poor in Brazil; 13 Bio fuels, food, and trade: a comparison of bio fuel development efforts in two communities in Illinois; 14 Oligopolistic behavior of Brazilian gas stations; PART III The impacts of bio and alternative fuels; 15 The journey to the next-generation of bioeconomy: the US perspective
16 Between sustainability and development: bioenergy, land use, food security and lifecycle analysis
17 Bio energy efficiency and a flex-mill simulation in Mato Grosso; 18 The impacts of agriculture-based energy sources on land use in Brazil; 19 Fossil fuels, bio fuels, and food: ranking priorities; 20 The expansion of ethanol and land use in Brazil's Cerrado; 21 The viability of the biodiesel program as an instrument of social inclusion
22 The expansion of sugarcane cultivation and its impact on municipal revenues: an application of dynamic spatial panels to municipalities in the state of Sao Paulo, Brazil
PART IV Conclusions; 23 Conclusions; Index

Sommario/riassunto

This collection examines the important and topical issue of the economic, social and environmental implications of concerted attempts to diversify energy sources away from fossil fuels. The book expertly examines this issue by focussing on the contrasting experiences of two major economies; one developed, and the other a rapidly expanding, emerging market. Energy, Bio Fuels and Development evaluates the experience of Brazil, with elements of that of the US highlighted for the purpose of comparison. A key area of concern surrounds the causes and consequences of the con