



The Prospects of Bioeconomy in Transition Economies

Akshara Thekkeyil^{1,2} • Anjaly George¹ • Shijo Joseph^{1*}

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Abstract Economies across the world are undergoing a transition from a centrally planned system to a free market system since late 1980s. The ultimate aim of every nation was to accomplish economic security but in the due process, they had to confront certain transient negative impacts too. All the economies that were under the transition process had enforced various reforms and had undergone major structural changes for embracing a market economy. Indeed, even today, many developing countries and regions are under a transition process. Lately, the nations and regions are trying to attain sustainable economic development by giving due regard to the environment under the current climate change scenario taking into consideration the overexploitation of resources and greenhouse gas emissions. Many have adopted and have executed the concept of bioeconomy as a part of sustainability by adopting appropriate policies and strategies in order to combat various environmental as well as societal issues. Thus, under the scenario of transition economy, prospects of bioeconomy are higher when seen from an economic, environmental and social perspective. This article reviews the prospects of bioeconomy in transition economies. The article will firstly discuss the characteristics of transition economies with an emphasise on China and India, and move towards global perspective of bioeconomy, and the efforts of various countries to include it as an inclusive governance mechanism to avert the detrimental effects of global change. Following this, the biotechnology, biomass and

bio refinery aspect of bioeconomy are elaborated, and the impacts bioeconomy can make in employment generation, ensuring food and health securities, and safeguarding environment and climate are discussed with an emphasis on various sectors such as agriculture, forestry, fishery and industry. The article invites the importance of proper policy framework, and close collaboration between public and private sectors by considering economic, environmental, institutional, technological and social challenges.

Keywords: Bioeconomy, Low-emission development, Sustainable developments goals, Transition economy

1. Introduction

Economic transitions have been taking place since a long period of time which has brought wider changes across the globe leading to the development of many major economies. Along with these transitions, various environmental as well as societal changes are also taking place. The dependence on fossil resources and derived fuels for a considerably long period of time has generated impediments in the economic sector as well as in the environment in the form of global warming, climate change, air, water and soil pollution, and so on. It, in turn, has irreversible impacts on societies including mass migration from rural regions to cities, and immigration from poor to rich countries due to economic hardships, and so forth. For promoting sustainable development, bioeconomy is

¹School of Fishery Environment, Kerala University of Fisheries and Ocean Studies (KUPOS), Kochi, Kerala, India

²Academy of Climate Change Education and Research, Kerala Agricultural University, Thrissur, Kerala, India

*Corresponding author email id: shijojoseph@gmail.com/shijo@kupos.ac.in

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Economies In Transition: Conception, Status And Prospects Peter Koveos,Ivan Teodorovic,Allan Young,2002-12-16 To date the record of economic transition has decidedly been mixed The worldwide political climate is still in favor of economic reform and the process continues to have considerable momentum On the other hand this process now faces a number of formidable obstacles There appears to be general agreement that in many countries the promise of a better standard of living which economic transition offers to the mass of the citizenry has failed to produce the rapid and dramatic results hoped for There is an increasing conflict of interest between multinational firms and the national business community Moreover many transition economies have experienced a slowing of economic growth in real terms and social services have been severely cut This book deals with the development of those forces that have played a major role in the successes and failures of economic transition Its distinctive feature is that it does this from the perspective of economic political and social analysis taking into account both theoretical constructs and economic realities for those countries which have attempted the grand experiment with economic transition

Economies in Transition Allan E. Young,Ivan Teodorovi?,Peter Koveos,2002 To date the record of economic transition has decidedly been mixed The worldwide political climate is still in favor of economic reform and the process continues to have considerable momentum On the other hand this process now faces a number of formidable obstacles There appears to be general agreement that in many countries the promise of a better standard of living which economic transition offers to the mass of the citizenry has failed to produce the rapid and dramatic results hoped for There is an increasing conflict of interest between multinational firms and the national business community Moreover many transition economies have experienced a slowing of economic growth in real terms and social services have been severely cut This book deals with the development of those forces that have played a major role in the successes and failures of economic transition Its distinctive feature is that it does this from the perspective of economic political and social analysis taking into account both theoretical constructs and economic realities for those countries which have attempted the grand experiment with economic transition

State Capitalism Reforms and the Path for Belarus Kiryl Rudy,2020-10-12 This book is an insightful study of the transition economy using the little known case of Belarus a country trapped in transition for almost three decades The model of state capitalism so widely internationally known has different specific roots metrics and instruments in Belarus The book outlines several pitfalls facing by the Belarusian economy all of which lead to long term economic recession in Belarus

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approaches and instruments from various jurisdictions around the globe the book provides valuable insights into how law can either facilitate or restrict sustainable energy democracy in practice It assesses how potential frictions and synergies between legal instruments could influence sustainable energy democracy Handbook of Social Indicators and Quality of Life Research Kenneth C. Land,Alex C. Michalos,M. Joseph Sirgy,2011-11-25 The aim of the Handbook of Social Indicators and Quality of Life Research is to create an overview of the field of Quality of Life QOL studies in the early years of the 21st century that can be updated and improved upon as the field evolves and the century unfolds Social indicators are statistical time series used to monitor the social system helping to identify changes and to guide intervention to alter the course of social change Examples include unemployment rates crime rates estimates of life expectancy health status indices school enrollment rates average achievement scores election voting rates and measures of subjective well being such as satisfaction with life as a whole and with specific domains or aspects of life This book provides a review of the historical development of the field including the history of QOL in medicine and mental health as well as the research related to quality of work life QWL programs It discusses several of QOL main concepts happiness positive psychology and subjective wellbeing Relations between spirituality and religiousness and QOL are examined as are the effects of educational attainment on QOL and marketing and the associations with economic growth The book goes on to investigate methodological approaches and issues that should be considered in measuring and analysing quality of life from a quantitative perspective The final chapters are dedicated to research on elements of QOL in a broad range of countries and populations The Chinese Economy after WTO Accession Shuanglin Lin,2016-03-23 This book provides an analysis of the Chinese economy in the context of globalization after China s admission to the WTO In four parts it addresses globalization privatization fiscal policy and financial development In depth analysis is also given to international trade industrial development as well as economic performance and the labour market The Chinese Economy after WTO Accession is a comprehensive study supported by recent data and quantitative analysis It provides a solid basis for better understanding the possible future directions of China s economy This volume is an indispensable source for scholars and students alike **Comparative Economics in a Transforming World Economy, third edition** J. Barkley Rosser, Jr.,Marina V. Rosser,2018-01-26 An approach to comparative economic systems that avoids simple dichotomies to examine a wide variety of institutional and systemic arrangements with updated country case studies Comparative economics with its traditional dichotomies of socialism versus capitalism private versus state and planning versus market is changing This innovative textbook offers a new approach to understanding different economic systems that reflects both recent transformations in the world economy and recent changes in the field This new edition examines a wide variety of institutional and systemic arrangements many of which reflect deep roots in countries cultures and histories The book has been updated and revised throughout with new material in both the historical overview and the country case studies It offers a broad survey of economic systems then looks separately

at market capitalism Marxism and socialism and new traditional economies with an emphasis on the role of religions Islam in particular in economic systems It presents case studies of advanced capitalist nations including the United States Japan Sweden and Germany alternative paths in the transition from socialist to market economies taken by such countries as Russia the former Soviet republics Poland China and the two Koreas and developing countries including India Iran South Africa Mexico and Brazil The new chapters on Brazil and South Africa complete the book's coverage of all five BRICS nations the chapter on South Africa extends the book's comparative treatment to another continent The chapter on Brazil with its account of the role of the Amazon rain forest as a great carbon sink expands the coverage of global environmental and sustainability issues Each chapter ends with discussion questions

Principles of Institutional and Evolutionary Political Economy Phillip Anthony O'Hara, 2022-08-29 This is the very first book to explicitly both detail the core general principles of institutional and evolutionary political economy and also apply the principles to current world problems such as the coronavirus crisis climate change corruption AI Robotics policy governance money and financial instability terrorism AIDS HIV and the nurturance gap No other book has ever detailed explicitly such core principles and concepts nor ever applied them explicitly to numerous current major problems The core general principles and concepts in this book which are outlined and detailed include historical specificity hegemony circular heterogeneous groups contradiction uncertainty innovation and policy as well as a Presidential address to the Association for Evolutionary Economics AFEE on corruption The structure of the book starts with two chapters on the principles of institutional and evolutionary political economy firstly their history and secondly a chapter on the contemporary nature of the principles and concepts This is followed by nine chapters applying some of the core principles to current world problems such as the coronacrisis climate change corruption AI robotics policy money financial instability terrorism HIV AIDS and the nurturance gap The book finishes with a conclusion a glossary of major terms and an index The author's principles are well established in the literature and this book provides a detailed exposition of them and their application

Finance, Economics, and Industry for Sustainable Development Anna Rumyantseva, Hod Anyigba, Elena Sintsova, Natalia V. Vasilenko, 2024-06-18 This volume discusses strategic approaches and relevant decisions of business government and civil society to achieve the Sustainable Development Goals SDG which were adopted by all UN member states in 2015 The book presents the proceedings of the 4th International Scientific Conference on Sustainable Development ESG 2023 St Petersburg 2023 At present the economies of different countries are in a zone of turbulence and the current agenda pushes the transformation of all customary systems to maintain and keep the achieved positions This volume brings together material on sustainable development in economics and finance as well as industry It is intended for scholars and professionals involved in public and corporate finance financial accounting and auditing sustainable development risk management as well as economic growth macroeconomics monetary policy in a sustainable development environment public and corporate governance and economics corporate communications and public relations

Croatia and the European Union Pero Maldini,Davor Paukovi?,2016-03-09 The accession of Croatia to the EU marked the end of a long and arduous period of transition Croatia had to meet significantly higher criteria than previous states with suspicion and concerns among existing members about further enlargement increasing Meanwhile initially strong public support in Croatia declined as inconsistencies in EU policy entry criteria and problems caused by the economic crisis all combined with fears about the loss of national identity and the ability to realize national interests The successful Croatian accession to the EU in 2013 shows that despite concerns on both sides the EU continues to have meaning and significance and that membership remains highly desirable Through nine mutually interrelated chapters the contributors speak not only about the political and social situation in Croatia but also prospects for the European Union itself *Global Economic Issues and Policies* Joseph P. Daniels,David D. VanHoose,2017-10-25 This introduction to all aspects of international economics business and finance is the clearest guide available to the economics of the world we live in Written in a highly engaging style packed full of up to the minute real world case studies and pitched at introductory level the book does an expert job of drawing students in and will leave them equipped with a comprehensive toolkit of methods and essential facts Now in its fourth edition *Global Economic Issues and Policies* reflects continuing changes in the world economy and in the analysis of international economics Chapter introductions pedagogy and data have all been thoroughly updated throughout including the addition of a new Issues Policies Notebook feature Key topics for expansion and revision include Evolution of Comparative Advantage Import Quotas and Subsidies Services in Regional and Multilateral Trade Agreements Balance of Payments Accounting Unconventional Central Bank Policies Territorial versus Worldwide Taxation and Tax Inversions The role of Foreign Exchange Markets and Exchange Rate Arrangements Public Policy Issues in International Money and Finance The text is suitable for any introductory module in international economics and business whether taught as part of an economics business or international studies program It is also the ideal MBA level introduction to the global economy *Slovenia* Mojmir Mrak,Matija Rojec,Carlos Silva-Jauregui,2004-01-01 Thirteen years after independence from the former Socialist Republic of Yugoslavia Slovenia has become one of the most advanced transition economies in Central and Eastern Europe and will become a member of the EU in May 2004 This publication examines the country s recent political and socio economic history its transition to a market economy and the challenges that lie ahead It includes contributions from Slovenia s president a former vice prime minister the current and previous ministers of finance the minister of European Affairs the current and former governors of the Bank of Slovenia as well as from leading development scholars in Slovenia and abroad **Syracuse Journal of International Law and Commerce** ,2003 **Pluralistic Economics and Its History** Ajit Sinha,Alex M. Thomas,2019-05-24 This volume is a history of economics as it was interpreted discussed and established as a discipline in the 20th century It highlights the pluralism of the discipline and brings together leading voices in the field who reflect on their lifelong work The chapters draw on a host of traditions of economic thought including pre classical classical

Marxian neoclassical Sraffian post Keynesian Cantabrigian and institutionalist traditions in economics Further the volume also looks at the history of economics in India and its evolution as a discipline since the country s independence This book will appeal to students researchers and teachers of economics and intellectual history as well as to the interested general reader *Bibliography of Sources on the Region of Former Yugoslavia Volume III* Rusko Matuli?,1998 **Forthcoming Books** Rose Arny,2002 **Privredna kretanja i ekonomska politika** ,2008 **Intellectuals, Inequalities and Transitions** ,2019-11-26 This volume is devoted to the central themes in Iv n Szel nyi s sociological oeuvre comprising of empirical explorations and their theoretical refinement in the last 50 years The contributors have been asked to take interpretive and critical stances on his work and to clarify the relevance of his insights Iv n Szel nyi has been asked to write a concluding chapter and respond to the present reflections on his work The ensuing volume discusses Szel nyi s captivating scholarship as being grounded in a complex program for the political economy of socialisms and post socialist capitalisms and introduces him as a neoclassical sociologist whose research projects continue to investigate inequalities created by the interaction of markets and redistributive structures in various societies Contributors include Dorothee Bohle Tam s Demeter Gil Eyal B la Greskovits Michael D Kennedy Tam s Kolosi Karmo Kroos Victor Nee David Ost Iv n Szel nyi and Bruce Western *conceptions of the corporation and the prospects of sustainable peace* jeffrey nesteruk,2001

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