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This book chronicles the divergent growth trends in car production in Belgium and Spain. It delves into how European integration, high wages, and the demise of GM and Ford led to plant closings in Belgium. Next, it investigates how lower wages and the expansion strategies of Western European automakers stimulated expansion in the Spanish auto industry. Finally, it offers three alternate scenarios regarding how further EU expansion and Brexit may potentially reshape the geographic footprint of European car production over the next ten years. In sum, this book utilizes history to help expand the knowledge of scholars and policymakers regarding how European integration and Brexit may impact future auto industry investment for all EU nations.

Design, Analysis and Applications of Renewable Energy Systems covers recent advancements in the study of renewable energy control systems by bringing together diverse scientific breakthroughs on the modeling, control and optimization of renewable energy systems as conveyed by leading energy systems engineering researchers. The book focuses on present novel solutions for many problems in the field, covering modeling, control theorems and the optimization techniques that will help solve many scientific issues for researchers.

Multidisciplinary applications are also discussed, along with their fundamentals, modeling, analysis, design, realization and experimental results. This book fills the gaps between different interdisciplinary applications, ranging from mathematical concepts, modeling, and analysis, up to the realization and experimental work. Presents some of the latest innovative approaches to renewable energy systems from the point-of-view of dynamic modeling, system analysis, optimization, control and circuit design Focuses on advances related to optimization techniques for renewable energy and forecasting using machine learning methods Includes new circuits and systems, helping researchers solve many nonlinear problems

There's a new story in the making, one in which the consequences of our actions add up—and every contribution is meaningful. If climate change is the biggest threat humanity has ever faced, then why are we doing so little about it? And where do we go from here? Journalist Jelmer Mommers knows most people prefer not to talk or even think about climate change, and that is exactly why he wrote this book. Denial and despair are not the only possible responses to the current crisis. Drawing on the latest science, Mommers describes how we got here, what possible future awaits us, and how you can help make a difference. Five years in the making, *How Are We Going to Explain This* was an instant bestseller in the Netherlands. With this revised and updated translation, including responses to the COVID-19 pandemic, Mommers brings his unique blend of realism and hope to the wider world.

CTI SYMPOSIUM 2018 17th International Congress and Expo 3 - 6 December 2018, Berlin, Germany Springer Nature

This proceedings volume presents a selection of the best papers from the 14th International Conference on Business Excellence, Business Revolution in the Digital Era (ICBE 2020), held in Bucharest, Romania. The respective papers share the latest findings and perspectives on innovation in a turbulent business environment, and on improvements in economic, societal and technological structures and processes to help reach major sustainability goals.

This book examines the role played by business in urban water governance by analyzing the evolution of the global private water sector along with four public-private partnerships in Mexico and the U.S. The local nature of water services often hides the global developments behind the rise of transnational water corporations, which have gone from being local operators to becoming dynamic and powerful actors within an interconnected transnational space for water. This book focuses on the French groups Veolia and Suez, two of the most prominent private actors in global water governance, and the development and adaptation strategies of both companies in the cities of Aguascalientes, Mexico City, Atlanta, and Milwaukee over the past 30 years. Drawing on over 100 interviews conducted with corporate executives, public authorities, and local users of water services, this book moves beyond the simplistic dichotomy of the public-private debate and develops a theoretical framework that analyzes the economic and political power wielded by transnational business actors in global water governance. Not only does the book explain how Veolia and Suez strategically mobilize resources at difference scales in order to expand their global operations, but it also provides a nuanced picture of how state regulation remains of central importance to understanding the dynamics and evolution of the global water sector. Students and scholars interested in business and the environment, including public-private partnerships, business management and transnational corporations, and water governance, will find this book of great interest as will professionals and policymakers working in these fields.

This book presents the outcomes of recent endeavors that are expected to foster significant advances in the areas of communication design, fashion design, interior design, and product design, as well as overlapping areas. The fourteen chapters highlight carefully selected contributions presented during the 6th EIMAD conference, held on February 22–23, 2018 at the School of Applied Arts, Campus da Talagueira, in Castelo Branco, Portugal. They report on outstanding advances that offer new theoretical perspectives and practical research directions in design, and which are aimed at fostering communication in a global, digital world, while also addressing key individual and societal needs.

This book offers a novel approach to mapping the people and organisations working in EU affairs, allocating much of the volume to a discussion of non-EU institutional representation in Brussels. Complementary to this, a distinct section focuses on those entities situated in EU capitals connected with EU policy dynamics. The intention of the book is to describe each sector within Brussels' eco-system, including statistics and numbers, but also to have practical examples of organisations that are represented in EU affairs. The second part of the book is dedicated to interviews with relevant influencers from within the Brussels scene. This publication is a working tool for experts in EU affairs, academics and students. It could also be an interesting read for those seeking a job in EU affairs, as well as entrepreneurs, who want to set up a sustainable business.

This volume consists of 52 peer-reviewed papers, presented at the International Conference on Sustainable Design and Manufacturing (SDM-19) held in Budapest, Hungary in July 2019. Leading-edge research into sustainable design and manufacturing aims to enable the manufacturing industry to grow by adopting more advanced technologies, and at the same time improve its sustainability by reducing its environmental impact. The topic includes the sustainable design of products and services; the sustainable manufacturing of all products; energy efficiency in manufacturing; innovation for eco-design; circular economy; industry 4.0; industrial metabolism; automotive and transportation systems. Application areas are wide and varied. The book will provide an excellent overview of the latest developments in the Sustainable Design and Manufacturing Area.

Nothing is as elemental, as essential to human life, as the air we breathe. Yet around the world, in rich countries and poor ones, it is quietly poisoning us. Air pollution prematurely kills seven million people every year, including more than one hundred thousand Americans. It is strongly linked to strokes, heart attacks, many kinds of cancer, dementia, and premature birth, among other ailments. In *Choked*, Beth Gardiner travels the world to tell the story of this modern-day plague, taking readers from the halls of power in Washington and the diesel-fogged London streets she walks with her daughter to Poland's coal heartland and India's gasping capital. In a gripping narrative that's alive with powerful voices

and personalities, she exposes the political decisions and economic forces that have kept so many of us breathing dirty air. This is a moving, up-close look at the human toll, where we meet the scientists who have transformed our understanding of pollution's effects on the body and the ordinary people fighting for a cleaner future. In the United States, air is far cleaner than it once was. But progress has failed to keep up with the science, which tells us that even today's lower pollution levels are doing real damage. And as the Trump administration rips up the regulations that have brought us where we are, decades of gains are now at risk. Elsewhere, the problem is far worse, and choking nations like China are scrambling to replicate the achievements of an American agency—the EPA—that until recently was the envy of the world. Clean air feels like a birthright. But it can disappear in a puff of smoke if the rules that protect it are unraveled. At home and around the world, it's never been more important to understand how progress happened and what dangers might still be in store. Choked shows us that we hold the power to build a cleaner, healthier future: one in which breathing, life's most basic function, no longer carries a hidden danger.

This book explores various aspects of data engineering and information processing. In this second volume, the authors assess the challenges and opportunities involved in doing business with information. Their contributions on business information processing and management reflect diverse viewpoints – not only technological, but also business and social. As the global marketplace grows more and more complex due to the increasing availability of data, the information business is steadily gaining popularity and has a huge impact on modern society. Thus, there is a growing need for consensus on how business information can be created, accessed, used and managed.

Alternative Fuel Vehicles gives full coverage of all associated qualifications and awards in the emerging field of alternative fuels. It is an essential introduction to the ever-growing demand for vehicles that operate using non-conventional fuels. This first book on AFVs endorsed by the IMI begins with an overview of the subject, ideal for beginners, before outlining what is meant by alternative fuels, why they are necessary, and why climate change and associated legislation are key drivers. Details of how alternative fuels are made, the supply infrastructure, and how these vehicles work are all included. A chapter on fuel cells introduces learners to the use of hydrogen, and one on engines and engine management includes coverage of combustion as an aid to understanding why changing the type of engine fuel is complex. Some basic engine technology is included to help readers new to the subject. Real-life case studies and examples are used to illustrate different technologies in current use, and to speculate on new developments. This book is an ideal companion to any unit of study on alternative fuel, but will also be of interest to working technicians and keen amateurs.

The future sustainable economic development and well-being of citizens in South East Europe depend on greater economic competitiveness. Reinforcing the region's economic potential in a post-COVID-19 context requires a holistic, inclusive and growth-oriented approach to policy making.

This is the third Environmental Performance Review of the Czech Republic. It evaluates progress towards sustainable development and green growth, with special features on waste, materials management and circular economy and sustainable urban development.

Based on empirical studies of European energy and environmental policies, this book suggests that, in combination, these two policy fields form a consensus in the EU which might also become the basis for a new European ideology, namely European 'sustainability'. It asks why an environmental conscience has grown since the late 1960s in the industrialised world and shows that whilst there is undeniable environmental degradation during this time, and that a European environmental conscience has mainly developed through successive steps of European integration in energy policy. In this connection between energy and the environmental we find one driver for European integration and indeed European identity. If sustainability should become a European ideology, it will substantially influence the way future Europeans will live. This book will be of key interest to scholars and students of European Studies, International Relations, Political Science, History, Economics, Sustainability Studies, Environmental and Energy Policies in Europe.

Electric Vehicles for Smart Cities: Trends, Challenges, and Opportunities uniquely examines different approaches to electric vehicle deployment in the context of smart cities. It provides a holistic picture of electromobility within urban areas, offering an integrated approach to city transportation systems by considering the energy systems, latest vehicle technologies, and transport infrastructure. Electric Vehicles for Smart Cities addresses the interaction between grid infrastructure, vehicles, costs and benefits, and operational reliability within an integrated framework. The book examines the role electric vehicles play in the social and political aspects of climate change mitigation, as well as a renewable energy-based economy. It explains how electric vehicles and their system requirements work, including recharging techniques and infrastructures, and discusses alternative market deployment approaches. Includes case studies from cities around the world, including Amsterdam, London, Oslo, Barcelona, Los Angeles, New York, Silicon Valley, Los Angeles, Beijing, Shanghai, Tianjin, Tokyo, and Goto Islands Traces the developments, innovations, advantages, and disadvantages in the electric car industry Provides learning aids such as discussion questions and text boxes

Methods of advanced data collecting and their analysis, models which help with decision problems as well as technical solutions which improve the integrity of contemporary transport systems at urban area are only some of many problems connected with integration in passenger and freight transport which have been discussed in this book. The book expresses case study-based scientific and practical approach to the problems of contemporary transport systems. The proposed methods and models enable a system approach to assess current solutions. In turn, implementation proposals may support the improvement of the integrity of individual elements of transport systems, and thus increase its effectiveness on the global scale. With regard to the research results discussed and the selected solutions applied, the book primarily addresses the needs of three target groups: • Scientists and researchers (ITS field) • Local authorities (responsible for the transport systems at the urban and regional level) • Representatives of business (traffic strategy management) and industry (manufacturers of ITS components). This book gathers selected papers presented at the 15th Scientific and Technical Conference "Transport Systems. Theory and Practice" organised by the Department of Transport Systems and Traffic Engineering at the Faculty of Transport of the Silesian

University of Technology. The conference was held in Katowice, Poland on September 17–19, 2018.

The advent of mobility-as-a-service and the disruption of the automotive industry are both overlapping and fuelled by the same developments and thus raise a very fundamental question: are we at peak car? Based on the author's extensive field research, academic study, and professional experience, this book explores this very question as well as the underlying social, economic, generational, and regulatory changes that lead to a new mobility regime. Through rich descriptions of established OEMs and mobility start-ups, it discusses the current forms of mobility and the promise of autonomous technology. It further explores the strategic dimension of these developments so as to navigate and succeed within the disruptive and ever-changing environment of mobility services.

Every year, the international transmission and drive community meets up at the International CTI SYMPOSIA – automotive drivetrains, intelligent, electrified – in Germany, China and USA to discuss the best strategies and technologies for tomorrow's cars, busses and trucks. From efficiency, comfort or costs to electrification, energy storage and connectivity, these premier industry meetings cover all the key issues in depth.

How to make city cycling--the most sustainable form of urban transportation--safe, practical, and convenient for all cyclists. Cycling is the most sustainable mode of urban transportation, practical for most short- and medium-distance trips--commuting to and from work or school, shopping, visiting friends, going to the doctor's office. It's good for your health, spares the environment a trip's worth of auto emissions, and is economical for both public and personal budgets. Cycling, with all its benefits, should not be reserved for the fit, the spandex-clad, and the daring. Cycling for Sustainable Cities shows how to make city cycling safe, practical, and convenient for all cyclists.

This book is structured to reflect the different questions that may arise in connection with a preliminary reference. It explains who can make a reference, what questions can be referred, and when can, when should, and when must a reference be made. Thereupon the book provides detailed guidance on the form and contents of the actual reference as well as the procedure, both before the referring court and the European Court of Justice. Finally, the preliminary ruling and its effects are explained together with the questions of cost and legal aid. Now in its third edition, this book has proved to be of considerable value to the legal practitioner faced with the subtleties of a preliminary reference - be it as judge or advocate. However, it is much more than an advance practitioners' guide. With backgrounds as both practitioners and academics, the two authors have produced a book that also caters for the needs of academics. The practical guidance is thus supplemented by the critical analysis of the Court of Justice's practice. This fully updated and revised edition of Broberg and Fenger on Preliminary References to the European Court of Justice provides a meticulous, yet easily accessible examination of all aspects of the preliminary reference procedure.

This Companion presents a distinctive approach to environmental planning by: situating the debate in its social, cultural, political and institutional context; being attentive to depth and breadth of discussions; providing up-to-date accounts of the contemporary practices in environmental planning and their changes over time; adopting multiple theoretical and analytical lenses and different disciplinary approaches; and drawing on knowledge and expertise of a wide range of leading international scholars from across the social science disciplines and beyond. It aims to provide critical reviews of the state-of-the-art theoretical and practical approaches as well as empirical knowledge and understandings of environmental planning; encourage dialogue across disciplines and national policy contexts about a wide range of environmental planning themes; and, engage with and reflect on politics, policies, practices and decision-making tools in environmental planning. The Companion provides a deeper understanding of the interdependencies between the themes in the four parts of the book (Understanding 'the environment', Environmental governance, Critical environmental pressures and responses, and Methods and approaches to environmental planning) and its 37 chapters. It presents critical perspectives on the role of meanings, values, governance, approaches and participations in environmental planning. Situating environmental planning debates in the wider ecological, political, ethical, institutional, social and cultural debates, it aims to shine light on some of the critical journeys that we have traversed and those that we are yet to navigate and their implications for environmental planning research and practice. The Companion provides a reference point mapping out the terrain of environmental planning in an international and multidisciplinary context. The depth and breadth of discussions by leading international scholars make it relevant to and useful for those who are curious about, wish to learn more, want to make sense of, and care for the environment within the field of environmental planning and beyond.

This comprehensive Research Handbook discusses how the EU has used its regulatory power to steer towards environmentally friendly behaviour, delving into the deep concerns related to the compliance with and enforcement of EU environmental law. It also highlights the important role of civil society's use of environmental procedural rights, and characterizes how the CJEU case law has contributed to the effective implementation of EU environmental legislation.

One of the principal arguments put forth by Brexit supporters is that by freeing the UK from the stranglehold of EU law, the country will be able to expand its markets through increased bilateral trade and enhance economic growth. This book tests this proposition by reference to the car industry. Brexit and the Car Industry explores the international position of the car market to argue that the hope of Brexit bringing regulatory freedom is illusory. The book starts by examining the structure of the vehicle industry, how its regulatory framework evolved and how the environment in which it operates is constrained by international standards and the practicalities associated with trading across different regulatory systems. By examining the evolution of vehicle regulations, particularly related to the environment, it argues that a UK independent path is not only impractical but self-defeating. The private car market is structured in such a way that is global, and meeting the various international regulatory requirements is a price of entry requirement which no bilateral trade agreements are likely to alter. The book also considers changing environment affecting the car industry in the context of an aspiration for regulatory freedom. The response to climate change and the impact of technological change – specifically driverless vehicles – are big questions for the industry and both are examined in this book. The book also considers the emergence of large metropolitan areas imposing their own use and environmental requirements operating separately to national standards. The future of electric and autonomous vehicles combined with the complexity of the regulatory environment with both international and localised pollution measures make the UK navigating a safe independent path through with a viable car industry highly questionable. Providing a comprehensive review of the relationship between regulatory frameworks and free trading models, this book is aimed at industry and legal professionals. It will also be of interest to students studying market behaviour, free trade law and the free movement of goods, and environmental protection.

Belgium has made progress in decoupling several environmental pressures from economic growth, in improving wastewater treatment and in expanding protected areas. Regions have achieved high levels of recovery and recycling, and have pioneered circular economy policies. However, further efforts are needed to progress towards carbon neutrality, reduce air and water pollution, reverse biodiversity loss and consolidate results of circular economy initiatives.

Greece has undergone extensive reforms to cope with a deep recession over the past decade. It has made progress in decoupling air pollutant emissions from GDP and improving the conservation status of natural habitats. However, the country faces challenges in managing waste and water, and addressing air pollution.

Energy Transformation towards Sustainability explores how researchers, businesses and policymakers can explore and usefully improve energy systems and energy consumption behavior, both to reflect the reality of climate change and related environmental degradation and to adapt to the expanding periphery of renewable energy technologies. It introduces the reader to a suite of potential policy pathways to the necessary transformation in societal energy consumption, usage and behavior. Solutions discussed include energy efficiency, energy security, the role of political leadership, green public policy, and the transition to renewable energy sources. International contributions

address the range and depth of current research from a position of advocacy for 'energy stewardship' as the driver of this transformation. Case studies illustrate the range of various countries to diminish energy use. Finally, policy avenues are covered in depth. Reviews the interrelationship between economic growth, energy consumption and climate change Uses a wide variety of case studies to support practical implementation across national energy systems Highlights a wide spectrum of urgent issues, including threats related to energy use and secure and sustainable development Contains contributions that reflect a breadth and depth of scholarship from international backgrounds This book explains the current climate protection processes and technologies, and informs the readers of the limiting factors and opportunities for future development. It represents the highest level of knowledge from leading scientists all over the world. Original high quality figures maximize understanding of the text. The book also introduces a new concept (climatographic), which provides a well pronounced solution to climate protection that is easily understandable for all levels of readers.

Everyone has an opinion on transport: it significantly affects daily lives. This book highlights key transport opportunities and challenges, and identifies research requirements to inform policy discussion and support better societal outcomes. It does this by scanning across modes, continents, technologies and socio-economic settings, looking for common threads, points of difference and opportunities to make a difference. The book should appeal to prospective post-graduate students, professionals in transport and related fields, and those interested in better places and good discussions.

A guide to industrially relevant products and processes for transportation fuels The Handbook of Fuels offers a comprehensive review of the wide variety of fuels used to power vehicles, aircraft and ships and examines the processes to produce these fuels. The updated second edition reflects the growing importance of fuels and fuel additives from renewable sources. New chapters include information on current production technology and use of bioethanol, biomethanol and biomass-to-liquid fuels. The book also reviews novel additives and performance enhancers for conventional engines and fuels for novel hybrid engines. This comprehensive resource contains critical information on the legal, safety, and environmental issues associated with the production and use of fuels as well as reviewing important secondary aspects of the use and production of fuels. This authoritative guide includes contributions from authors who are long-standing contributors to the Ullmann's Encyclopedia, the world's most trusted reference for industrial chemistry. This important guide: Contains an updated edition of the authoritative resource to the production and use of fuels used for transportation Includes information that has been selected to reflect only commercially relevant products and processes Presents contributions from a team of noted experts in the field Offers the most recent developments in fuels and additives from renewable sources Written for professionals in the fields of fossil and renewable fuels, engine design, and transportation, Handbook of Fuels is the comprehensive resource that has been revised to reflect the recent developments in fuels used for transportation.

This open access book explores supply chains strategies to help companies face challenges such as societal emergency, digitalization, climate changes and scarcity of resources. The book identifies industrial scenarios for the next decade based on the analysis of trends at social, economic, environmental technological and political level, and examines how they may impact on supply chain processes and how to design next generation supply chains to answer these challenges. By mapping enabling technologies for supply chain innovation, the book proposes a roadmap for the full implementation of the supply chain strategies based on the integration of production and logistics processes. Case studies from process industry, discrete manufacturing, distribution and logistics, as well as ICT providers are provided, and policy recommendations are put forward to support companies in this transformative process.

This book constitutes revised selected papers from the 15th International Conference on Web Information Systems and Technologies, WEBIST 2019 held in Vienna, Austria, in September 2019. The 10 full papers presented in this volume were carefully reviewed and selected from originally 87 paper submissions. They contribute to the understanding of relevant trends of current research on Web Information Systems and Technologies, including Big Data and Connected Services; Web Performance; Context-aware and Adaptive Web Applications; Human Robot Collaboration and Multi-Agent Systems; Web Application Operating Systems and Platforms; Social Media Advertising and Enhancing Purchase Intentions; Natural Language Query Interfaces and Semantic Web; and Human-computer Interaction and Dynamic Web Pages.

Critically assessing recent developments in environmental and tax legislation, and in particular low-carbon strategies, this timely book analyses the implementation of market-based instruments for achieving climate stabilisation objectives around the world. Many approaches have been undertaken to mitigate global climate change, including the movement away from fossil fuels. Fossil Free Fuels: Trends in Renewable Energy examines several key topics, such as the utilization of biofuels as a sustainable renewable resource, recycling and untapped waste-to-energy products, and other carbon-neutral strategies in various industries, such as the transportation, construction, and manufacturing sectors. It provides recent updates on the latest technologies, modeling, design, and technical aspects, as well as several practical case studies. The current world energy scenario is examined and various solutions to larger environmental problems are outlined in terms of the shift to more alternative energy sources. Features: Minimizes technical jargon in a straightforward style for a wider audience Discusses sustainable options for different industries, such as the use of green materials in the construction sector, biofuels for transportation, and many more Includes numerous illustrations, tables, and figures to aid in understanding This book serves as a practical reference for engineers, researchers, environmental consultants working in renewable energy industries, and students.

Over the past two decades, society has been witnessing how technological, political, and societal changes have been transforming individual and collective urban mobility. Driven both by newcomers and traditional players, by disruptive as well as incremental innovations, the main objective now is to enhance mobility and accessibility while, reducing vehicle ownership, congestion, road accidents, and pollution in cities. This transformation has been mainly enabled by the widespread adoption of internet-connected devices (e.g.: smartphones and tablets) and by the innovative business models, technologies, and use-cases that arose from this rapid digitalization, such as peer-to-peer, and two-sided markets providing several mobility schemes: car-sharing, car-pooling, bike sharing, free-floating (cars, bikes, electric scooter), ridesharing and ride hailing either for long distances as well as for urban and micro-mobility. The book presents in a holistic perspective how this revolution is happening and what are the major cornerstones for the implementation of robomobility. It aims at answering several substantial issues, such as: What is robomobility and what does it imply for the different stakeholders of the public transport ecosystem? How do policy makers integrate this innovation and how ready the regulations are? How do citizens take part in this transformation? What is the level of user acceptance for this new type of mobility? What are its environmental impacts? What is the economic impact of deploying these shuttles in a local ecosystem?

Offering a unique perspective on an overlooked subject – the relationship between time, change, and lawmaking – this edited collection brings together world-leading experts to consider how time considerations and social, political and technological change affect the legislative process, the interpretation of laws, the definition of the powers of the government and the ability of legal orders to promote innovation. Divided into four parts, each part considers a different form of interaction between time and law, and change. The first part offers legal, theoretical and historical perspectives on the relationship between time and law, and how time

shaped law and influences legal interpretation and constitutional change. The second part offers the reader an analysis of the different ways in which courts approach the impact of time on law, as well as theoretical and empirical reflections upon the meaning of the principle of legal certainty, legitimate expectations and the influence of law over time. The third part of the book analyses how legislation and the legislative process addresses time and change, and the various challenges they create to the legal order. The fourth and final part addresses the complex relationship between fast-paced technological change and the regulation of innovations.

Die inhaltlichen Schwerpunkte des Tagungsbands zur ATZlive-Veranstaltung Heavy-Duty-, On- und Off-Highway-Motoren 2018 sind unter anderem neue Diesel- und Gasmotoren, Schadstoffreduzierung, Powertrain-Konzepte für den On- und Off-Highway-Bereich, Einspritzung sowie die Komponentenentwicklung im Hinblick auf das System. Die Tagung ist eine unverzichtbare Plattform für den Wissens- und Gedankenaustausch von Forschern und Entwicklern aller Unternehmen und Institutionen, die dieses Ziel verfolgen.

International Business is a well-established research field, in which regionalisation has recently gained significant prominence. Europe comprises marketplaces characterised by unique patterns of highly advanced economic integration. No other marketplace in the world has progressed to the same levels of harmonisation across sovereign countries and economies. European Business is a subject in its own right with its own research momentum. Contemporary research evidences that firms view Europe as a challenging, mostly – yet not entirely – mature market location. Yet this location, often seen from a multi-country perspective, is subject to complexities revealing strategic corporate strengths and weaknesses. Theory, concepts and models known from International Business hence often vary in their applicability and relevance in this business environment. This comprehensive reference volume brings together a global team of contributors to analyse and overview the key issues, themes and phenomena that affect business in Europe. With interdisciplinary perspectives, the book covers crucial themes that any European Business research needs to acknowledge, including business cultures and identity, entrepreneurship and innovation, M&A and institutional trends, European HRM, migration, climate change issues, Brexit, and more. The selection of authors, from 17 countries worldwide, reflects the international scope of this research field and its agenda. A unique resource, this book provides an essential guide to researchers, research students and scholars of business and the social sciences, as well as the informed business community. Turkey is the fastest growing OECD economy with rapidly increasing greenhouse gas emissions. Since 2008, its economic growth has been relatively decoupled from air emissions, energy use, waste generation and water consumption. However, the high resource intensity of Turkey's economy and its ...

Anthropogenic greenhouse gas (GHG) emissions are dramatically influencing the environment, and research is strongly committed to proposing alternatives, mainly based on renewable energy sources. Low GHG electricity production from renewables is well established but issues of grid balancing are limiting their application. Energy storage is a key topic for the further deployment of renewable energy production. Besides batteries and other types of electrical storage, electrofuels and bioderived fuels may offer suitable alternatives in some specific scenarios. This Special Issue includes contributions on the energy conversion technologies and use, energy storage, technologies integration, e-fuels, and pilot and large-scale applications.

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