
Environment Automotive Industry

New Trends and Developments in Automotive Industry

Multinational Strategic Foresight of Environmental Trends in the Automobile Industry Using Internal Resources

Automotive

Vehicle of Influence

Environmental Regulations and Innovation in Advanced Automobile Technologies

Industrial Environmental Performance Metrics

Motor Vehicles and Environmental Solutions

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The Greening of the Automotive Industry

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Environmental Issues and the European Motor Industry

Proceedings of the International Conference on Automotive Industry and the Environment, 13 & 14 November 1990, Intercontinental Hotel, Geneva, Switzerland

Clean Car Wars

Greening the Car Industry

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REGINA BRODY

New Trends and Developments in Automotive Industry

GRIN Verlag

This book provides an integrated perspective of the automotive market for the next decade. It shows how customers and producers are shaping the market simultaneously and contends that the first steps of the mobility revolution have already been taken. It compels automotive companies to strike new paths to participate in this journey. The authors provide a comprehensive analysis of the automotive industry, including prevailing business

models of OEMs and 'tier-n' automotive suppliers, the competitive environment they are embedded in as well as socio-economic changes affecting future market conditions. Subsequently, elements of the automotive disruption are presented; these enable the provision of novel urban mobility concepts and offer a new source for additional services accompanying the user. A comprehensive insight into consumer behavior, potential automotive business models which can be sustained by 2030, smart city models, transformation strategies, and diverse market penetration scenarios are also provided in the book. It also outlines the challenges and key actions that shape the automotive sector even beyond 2030 as well as knock-on effects across different industries arising from the technological and

economic changes in the automotive market are projected.

Multinational Strategic Foresight of Environmental Trends in the Automobile Industry Using Internal Resources

Lexington Books

The automobile has shaped nearly every aspect of modern American life. This text documents the story of the automotive industry, which, despite its power, is constantly struggling to assure its success.

Automotive Springer Nature

Industrial Environmental Performance Metrics is a corporate-focused analysis that brings clarity and practicality to the complex issues of environmental metrics in industry. The book examines the metrics implications to businesses as their responsibilities expand beyond the factory gate—upstream to suppliers and downstream to products and services. It examines implications that arise from greater demand for comparability of metrics among businesses by the investment community and environmental interest groups. The controversy over what sustainable development means for businesses is also addressed. Industrial Environmental Performance Metrics identifies the most useful metrics based on case studies from four industries—automotive, chemical, electronics, and pulp and paper—and includes specific corporate examples. It contains goals and recommendations for public and private sector players interested in encouraging the broader use of metrics to improve industrial environmental performance and those interested in addressing the tough issues of prioritization, weighting of metrics for meaningful comparability, and the longer term metrics needs presented by sustainable development.

Vehicle of Influence Routledge

Analyzes how the transfer of advanced automobile technology from U.S. firms affects the environment and economic development in China; with detailed case studies of Chinese joint ventures with Jeep, GM, and Ford.

Environmental Regulations and Innovation in Advanced Automobile Technologies JHU Press

Analyzes the performance of the industry after the North American Free-Trade Agreement took effect, in each of the three countries and on the continent as a whole. Also looks at the impact of environmental regulations. The studies were funded by automobile companies and reviewed by personnel representing them. Annotation copyrighted by Book News, Inc., Portland, OR

Industrial Environmental Performance Metrics Springer

... fascinating and stimulating book, which is both comprehensive and partial in equal degree. Peter Wells, *Journal of Environmental Policy and Planning* Greening the Car Industry is an innovative book in the Varieties of Capitalism tradition. Its interviews and analysis offer rich insights into why the US car industry struggles, particularly on environmental impact, compared to Japanese and German firms. John Mikler shows that regulatory institutions matter, and how they matter. For the car industry at least, more collaborative forms of capitalism show more promise. Mikler gives us a masterpiece of regulatory scholarship. John Braithwaite, The Australian National University Corporations, including those in the car industry, are increasingly keen to proclaim their green credentials. But what motivates firms to reduce the environmental impact of their products? Rather than accepting the conventional wisdom, John Mikler

addresses this question in a novel way by taking a comparative institutionalist approach informed by the Varieties of Capitalism literature. Focusing on Germany, the US and Japan, the author shows that national variations in capitalist relations of production are central to explaining how the car industry tackles the issue of climate change, such variations are crucial for understanding the normative as well as material basis for firms motivations. This ground-breaking book will be of great benefit to students and academics, particularly those with an interest in comparative politics, public policy and international political economy. It may also serve as a resource for courses on environmental politics and environmental management as well as aspects of international relations and business/management. Given the book's contemporary policy relevance, it will be a valuable reference for policy practitioners with an interest in industry policy, multinational corporations, the environment, and institutional approaches to comparative politics.

Motor Vehicles and Environmental Solutions Routledge

This book provides an overview of the basics of strategic foresight, the differences multinational enterprises (MNEs) have to deal with while working in an international context and an understanding of the interrelation of strategic foresight and environmental trends. The results of the study indicate that it is advantageous for MNEs to use their internal resources worldwide for strategic foresight during the first three phases of the strategic foresight process (SFP); but they have to be aware of possible barriers.

Towards a Sustainable Automotive Industry Edward Elgar Publishing

As the American Big Two, GM & Ford, continue to lose market share in the world, Japan's leading auto-makers--Toyota and Honda--are expanding their global share and increasing their profits by presenting high-quality, credible and highly efficient automobiles. The recent oil price hike is sure to accelerate the trend towards clean car technology, which will be a key to survival in the global automobile industry. Toyota recently became the world's number one automobile company and looks set to further extend its lead. Consumers have shown tremendous interest in Japanese cars, especially for their clean and efficient technology. This book offers insights into the Japanese car industry and its future direction.--From publisher description.

The Greening of the Automotive Industry Elsevier

This book presents the current causes and effects of implementing sustainable supply chain management (SSCM) as well as green supply chain management (GSCM) strategies in the automotive industry. The reader is provided a detailed scientific review on SSCM and GSCM and presented the advantages of sustainable development concepts as well as factors causing the implementation of SSCM such as buyers' behavior, governmental regulations, and competitiveness. The book then analyses the current situation of SSCM development, particularly in the automotive industry. It shows challenges, barriers, successes, and benefits that automotive companies obtain from implementing GSCM. Through case studies on leading German car manufacturers VW, BMW, and Daimler, the necessary activities of these companies to implement green development in the entire supply chain, including green supplier selection, green

materials, green transportation, and reverse logistics, are defined. Moreover, a benchmark with companies from Asian markets such as Toyota from Japan and Geely from China is performed.

Guides to Pollution Prevention National Academies Press
The automotive industry is still one of the world's largest manufacturing sectors, but it suffers from being very technology-focused as well as being relatively short-term focused. There is little emphasis within the industry and its consultancy and analyst supply network on the broader social and economic impacts of automobility and of the sector that provides it. The *Global Automotive Industry* addresses this need and is a first port of call for any academic, official or consultant wanting an overview of the state of the industry. An international team of specialist researchers, both from academia and business, review and analyse the key issues that make vehicle manufacturing still the world's premier manufacturing sector, closely tied in with the fortunes of both established and newly emerging economies. In doing so, it covers issues related to manufacturing, both established practices as well as new developments; issues relating to distribution, marketing and retail, vehicle technologies and regulatory trends; and, crucially, labour practices and the people who build cars. In all this it explains both how the current situation arose and also likely future trajectories both in terms of social and regulatory trends, as the technological, marketing and labour practice responses to those, leading in many cases to the development of new business models. Key features Provides a global overview of the automotive industry, covering its current state and considering future challenges Contains contributions

from international specialists in the automotive sector Presents current research and sets this in an historical and broader industry context Covers threats to the industry, including globalization, economic and environmental sustainability The *Global Automotive Industry* is a must-have reference for researchers and practitioners in the automotive industry and is an excellent source of information for business schools, governments, and graduate and undergraduate students in automotive engineering.

China Shifts Gears MIT Press

Abbreviations and glossary -- Introduction -- The structure of the automotive industry -- Markets and the demand for cars -- manufacturers to responsible mobility providers -- Sector shift, inter-sector dynamics and futures studies -- Powertrain and fuel -- Fuel cells and the hydrogen economy -- High volume car production: Budd and Ford -- Alternatives to high volume car production -- Sustainability -- Sustainable mobility -- Practical steps towards sustainability -- Automobility 2050, the vision -- The distributed economy -- The shape of the future -- The roadmap -- Micro factory retailing -- Conclusions and implications -- index.

The Global Automotive Industry SAE International

Examines the role of the car in contemporary society and its contribution to environmental problems.

Environmental Issues and the European Motor Industry Springer

Greening Auto Jobs: A Critical Analysis of the Green Job Solution provides a major contribution to the growing and important field of environmental sociology and labor studies by providing a

theoretical and practical understanding of how the broader political-economic relations of society affect the relationship between labor and the environment.

Proceedings of the International Conference on Automotive Industry and the Environment, 13 & 14 November 1990, Intercontinental Hotel, Geneva, Switzerland Springer Science & Business Media

DIVExamines the political aspects of the integration of the European automobile industry /div

Clean Car Wars John Wiley & Sons

This book is divided in five main parts (production technology, system production, machinery, design and materials) and tries to show emerging solutions in automotive industry fields related to OEMs and no-OEMs sectors in order to show the vitality of this leading industry for worldwide economies and related important impacts on other industrial sectors and their environmental sub-products.

[Greening the Car Industry](#) Routledge

This book presents an analysis on the potential effects of globalization on the automotive industry and the environment. Energy challenges, market economy growth, and population dynamics are considered. The authors also present future scenarios for transportation technologies to meet the ever growing global demand for transportation of goods and services while minimizing energy and environmental impacts and maximizing cost, value and widespread acceptance.

[The Automotive Industry and the Environment](#) LIT Verlag Münster

The automotive industry is one of the most environmental aware manufacturing sectors. Product take-back regulations influence

design of the vehicles, production technologies but also the configuration of automotive reverse supply chains. The business practice comes every year closer to the closed loop supply chain concept which completely reuses, remanufactures and recycles all materials. The book covers the emerging environmental issues in automotive industry through the whole product life cycle. Its focus is placed on a multidisciplinary approach. It presents viewpoints of academic and industry personnel on the challenges for implementation of sustainable police in the automotive sector

Overview of the Mexican Business Environment and Automotive Industry Woodhead Publishing

This book considers the concepts of organisational learning and the learning organisation, and critically examines their take up within the context of four contemporary work organisations in the European automotive sector. Within this dynamic environment, the pursuit and implementation of approaches that encourage individuals to learn and challenge existing orthodoxy are now dominant on the management agenda. Changes to processes, structures, cultures and the employment relationship per se.

Sustainability and the Automobile Industry in Asia Springer Nature

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