Understanding Industrial Transformation

About the Authors. Preface. - 1. INTRODUCTION, Xander Olsthoorn & Anna J. Wieczorek. 1.1.What is industrial transformation? 1.2. About this book. Acknowledgements. References. - 2. A PSYCHOLOGICAL VIEW ON INDUSTRIAL TRANSFORMATION AND BEHAVIOUR, Joop de Boer. 2.1. Introduction. 2.2. On the causes of behaviour. 2.3. The role of values. 2.4. The impacts of awareness. 2.5. Final remarks. Acknowledgements. References. - 3. SOCIOLOGICAL PERSPECTIVES FOR INDUSTRIAL TRANSFORMATION, Arthur P.J. Mol & Gert Spaargaren. 3.1. Introduction. 3.2. General and theoretical sociology. 3.3. Environmental sociology. 3.4. Environmental sociology and industrial production. 3.5. Sociology and sustainable consumption. 3.6. Epilogue. References. - 4. INDUSTRIAL TRANSFORMATION AND INTERNATIONAL LAW, Joyeeta Gupta. 4.1. Introduction. 4.2. The incremental model. 4.3. Structural model of law making. 4.4. Regulatory competition and law: international economic law. 4.5. Conclusions. Acknowledgements. References. - 5. CONTRIBUTIONS TO TRANSFORMATION RESEARCH FROM POLITICAL SCIENCE, Klaus Jacob, Frank Biermann, Marleen van de Kerkhof & Anna J. Wieczorek. 5.1. Introduction. 5.2. The international dimension of industrial transformation. 5.3. New actors: stakeholder involvement in transformation processes. 5.4. New instruments and strategies for environmental policies. 5.5. Conclusions: strategies for industrial transformation. Acknowledgements. References. - 6. ECOLOGICAL ECONOMICS AND INDUSTRIAL TRANSFORMATION, Xander Olsthoorn & Onno Kuik. 6.1. Introduction. 6.2. The analysis by ecological economics. 6.3. Indicators. 6.4. Ecological economics as a criticism of mainstream economics. 6.5. Conclusions. References. - 7. AN EVOLUTIONARY ECONOMICS PERSPECTIVE ON INDUSTRIAL TRANSFORMATION, Jeroen C.J.M. van den Bergh, Marjan W. Hofkes Frans H. Oosterhuis. 7.1. Introduction. 7.2. Concepts in evolutionary thinking. 7.3. Essential contributions to evolutionary Economics. 7.4. Environmental applications of evolutionary economics. 7.5. An application to the energy system. 7.6. Evolutionary policies for industrial transformation. Acknowledgements. References. - 8. A NEO-CLASSICAL ECONOMICS VIEW ON TECHNOLOGICAL TRANSITIONS, Frank A.G. den Butter & Marjan W. Hofkes. 8.1. Introduction. 8.2. Neo-classical economics and the environment. 8.3.

Technological change. 8.4. Technological lock-ins. 8.5. Transitions and government intervention. 8.6. Transition to wind energy: an example. 8.7. Conclusion. References. - 9. MULTI-LEVEL PERSPECTIVE ON SYSTEM INNOVATION: RELEVANCE FOR INDUSTRIAL TRANSFORMATION, Frank W. Geels. 9.1. Introduction. 9.2. Some disciplinary building blocks. 9.3. A multi-level perspective on system innovations. 9.4. Policy suggestions. 9.5. Topics for further research. Acknowledgements. References. - 10. MANAGING TRANSITIONS FOR SUSTAINABLE DEVELOPMENT, Derk Loorbach & Jan Rotmans. 10.1. Introduction. 10.2. Scientific perspective. 10.3. The water transition 10.4. Possibilities for managing transitions. 10.5. Conclusions. References. - 11. DISCUSSION & CONCLUSIONS, Xander Olsthoorn, Adrian Smith & Anna J. Wieczorek. 11.1. Introduction. 11.2. Analysis and Conclusions. 11.3. The management of change: Some challenges ahead. - References. Epilogue. EAN/ISBN : 9781402044182 Publisher(s): Springer Netherlands Format: ePub/PDF Author(s): Olsthoorn, Xander - Wieczorek, Anna J.