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Nota di contenuto	Cover; Copyright; Contents; Preface; Contributors; Part I: Socio-economic aspects of gas pollution and gas recovery; Section IA: Gas: pollutant or resource?; 1. Introduction on air pollution: the emission-effect relation; 1.1. Introduction: What is air pollution?; 1.2. Overview of the emission effect relations; 1.3. Emissions; 1.4. Formation of aerosols; 1.5. Lifetimes of pollutants; 1.6. Ambient concentration of pollutants; 1.7. Conclusion; References; 2. Transboundary particulate matter pollution in Europe; 2.1. Introduction; 2.2. European aerosol patterns and trends 2.3. Air pollution observation: existing networks 2.4. Modelling ambient PM transport; 2.5. Conclusions; References; 3. Abatement strategies for air pollution; 3.1. Introduction; 3.2. Origin and fate of emissions; 3.3. Abatement strategies; 3.4. Outlook; References; Section IB: Pollution control policy; 4. Dealing with waste gas in enhancing sustainable development: the role of the Kyoto mechanisms; 4.1. Introduction; 4.2. Defining sustainable development; 4.3. Waste gas recovery under the CDM; 4.4. Kyoto-based case studies of waste gas capture projects; 4.5.

Conclusions; References

5. Implementation of the European Solvent Directive (1999/13/EC)5.1. Introduction; 5.2 Information exchange platform as a part of the implementation of the EU Solvent Directive; 5.3 Decision support through mass and energy flow management in the sector of vehicle refinishing; 5.4. Further use of mass and energy flow models; 5.5. Conclusion; References; 6. Integration of biological techniques for air pollution control into sustainable development; 6.1. Introduction; 6.2. VOC control, the case for avoiding unnecessary CO₂ emissions; 6.3. High-rate biotrickling filters for H₂S control
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