Voluntary Environmental Agreements
PROCESS, PRACTICE AND FUTURE USE

CONTRIBUTING EDITOR PATRICK ten BRINK

Greeneleaf Publishing 2002
# CONTENTS

Acknowledgements .................................................................................. 10

Foreword .................................................................................................. 11

_Jean-Philippe Barde, Head National Policies Division, OECD Environment Directorate_

Preface ..................................................................................................... 13

Prologue .................................................................................................... 14

_Patrick ten Brink, Institute for European Environmental Policy (IEEP), Belgium_

## PART A: Process, practice and stakeholder experience ............................... 29

Part A: Introduction .................................................................................. 30

_Patrick ten Brink, Institute for European Environmental Policy (IEEP), Belgium_

1. Voluntary environmental initiatives and sustainable industry ............... 37

_Bruce Paton, The Silicon Valley Center for Innovation and Sustainability, USA_

2. Corporate incentives for participation in voluntary environmental agreements: electric utility companies and the Climate Challenge Program .............................................................................................................. 50

_Panagiotis Karamanos, Athens International Airport, Greece_
3. Co-operative environmental solutions: acquiring competence for multi-stakeholder partnerships .......................... 64
   Ken Sexton, Barbara Scott Murdock and Alfred A. Marcus,
   University of Minnesota, USA

4. Legitimacy, efficacy and efficiency: factors affecting public participation in environmental agreements in
   British Columbia, Canada ................................................................. 81
   Michael Mascarenhas, Michigan State University, USA

5. Conflict or collaboration: the New Zealand Forest Accord .......................... 95
   Diane Menzies, Menzies Environmental Ltd

6. Successful application of environmental agreements in local communities: perspectives from environment and pollution control agreements in Japan ......................................................... 107
   Rie Tsutsumi, University of Cambridge, UK

7. The chemical industry in Germany: recent developments of the 1987 Chemical Industries Social Partners’ Agreement on
   Environmental Protection ................................................................. 120
   Bernd Heins and Laurent Lüttege, University of Oldenburg/
   University of Lüneburg, Germany

8. A new trade union role in environmental agreements: a driving force for sustainable development .......................... 129
   Per Erik Boivie, Boivie Arbetsplatsutveckling AB, Sweden

9. EU-level agreements: a successful tool? Lessons from the agreement with the automotive industry .......................... 142
   Giulio Volpi and Stephan Singer,
   World Wide Fund for Nature Climate Change Campaign, Belgium

PART B: New areas for VEAs?
   Developing countries and transition economies ...................... 155

Part B: Introduction ................................................................. 156
   Patrick ten Brink, Institute for European Environmental Policy (IEEP), Belgium

10. A role for negotiated environmental agreements
    in developing countries? .............................................................. 159
    Jonathon Hanks, University of Lund, Sweden
11. A national tripartite agreement on benzene in Brazil .......... 176
   Nilton Freitas, Unified Workers' Confederation (CUT Brazil);
   Winston Gereluk, Athabasca University, Canada

12. Environmental agreements as appropriate long-term measures ... 191
   Nur Masripatin, Ministry of Forestry, Indonesia

13. Negotiated voluntary environmental agreements:
cases in the Czech Republic ........................................ 206
   Antonín Dvořák, Aleš Lisa and Petr Šauer,
   University of Economics in Prague, Czech Republic

14. Navigating toward a Hungarian packaging
    waste management solution ....................................... 218
   Dinah A. Koehler, Harvard University, USA

15. Conditions for environmental agreements in Ukraine .......... 228
   Oleksandr Stegniy, Institute of Sociology,
   National Academy of Sciences, Ukraine

16. Step-by-step procedure for preparing, concluding and
    evaluating voluntary agreements ................................ 240
   Petr Šauer, Jaromír Kovář, Petr Fiala, Petra Holcová, Aleš Lisa and Antonín
   Dvořák, University of Economics in Prague, Czech Republic

PART C: Can voluntary agreements help address climate change? .... 255

Part C: Introduction .................................................. 256
   Patrick ten Brink, Institute for European Environmental Policy (IEEP), Belgium

17. The Australian Greenhouse Challenge programme:
a perspective from a participating university .................... 266
   Paul Osmond, University of New South Wales, Australia

18. Application of effectiveness analysis:
    the case of greenhouse gas emissions reduction ............... 280
   Roger L. Burritt, The Australian National University

19. Voluntary agreements:
    key to higher energy efficiency in industry? .................. 297
   Signe Krarup, AKF, Denmark;
   Stephan Ramesohl, The Wuppertal Institute, Germany
20. Environmental agreements in climate politics .......................... 313
   Asbjørn Torvanger and Tora Skodvin, Center for International
   Climate and Environmental Research–Oslo, Norway

21. Negotiated environmental agreements
   and CO₂ emissions trading ........................................... 327
   Johan Albrecht and Delphine François, Ghent University (CEEM), Belgium

22. Voluntary agreements: an effective tool for enhancing
   organisational learning and improving climate policy-making? ... 341
   Stephan Ramesohl and Kora Kristof, The Wuppertal Institute, Germany

PART D: Future use: tools for developing agreements .................... 357

Part D: Introduction ................................................................ 358
   Patrick ten Brink, Institute for European Environmental Policy (IEEP), Belgium

   Tools, guidelines and checklist .......................................... 367
   Roger L. Burritt, The Australian National University

24. Assessing the performance of negotiated environmental
   agreements in the Netherlands ........................................... 384
   Ellis Immerzeel-Brand, CSTM, University of Twente, Netherlands

   and from practice in environmental agreements ...................... 399
   Manuel M. Cabugueira, Universidade Portucalense, Portugal

26. The EIA public enquiry procedure as a model for public
   participation in environmental agreements ............................ 418
   Patricia Bailey, European University Institute, Italy

27. Monitoring environmental agreements: a multi-level conformity
   approach. Sustainable water management in the Twente region ... 426
   Johan Woltjer, CSTM, University of Twente, Netherlands

28. Monitoring mechanisms for efficient
   environmental agreements .................................................. 437
   Patrick ten Brink, Institute for European Environmental Policy (IEEP), Belgium;
   Marina Morère, Independent Expert
29. Voluntary environmental agreements between private and public law .................................................. 461
   Bent Ole Gram Mortensen, University of Southern Denmark

30. The optimal policy mix: matching ends and means in environmental policy-making .................................................. 476
   R. Yachnin, N. Gagnon, B. Guthrie and A. Howatson,
   The Conference Board of Canada

Epilogue .................................................................................................................................................. 490
   Patrick ten Brink, Institute for European Environmental Policy (IEEP), Belgium

Bibliography ................................................................................................................................................. 495
List of abbreviations ........................................................................................................................................ 518
Author biographies ........................................................................................................................................ 525
Index ............................................................................................................................................................. 533