

W. A. R. — Bibliothek
Inv.-Nr. D 17664

OECD DOCUMENTS

01.09

01.9 OECD

INSTITUT WAR — Bibliothek —

Wasserversorgung, Abwassertechnik
Abfalltechnik und Raumplanung
Technische Universität Darmstadt
Petersenstraße 13, 64287 Darmstadt
TEL. 0 61 51/16 36 59 + 16 27 48
FAX 0 61 51/16 37 58

Hazardous Air Pollutants

The London Workshop

PUBLISHER'S NOTE

The following texts are published in an unembellished form to permit faster distribution at a lower cost.
The views expressed are those of the authors,
and do not necessarily reflect those of the Organisation or of its Member countries.

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT

Bibliothek Wasser und Umwelt
(TU Darmstadt)



61576185

CONTENTS

EXECUTIVE SUMMARY.....	11
------------------------	----

PART ONE SUMMARY OF PRESENTATIONS AND DISCUSSIONS

<i>Chapter 1:</i> BACKGROUND AND PURPOSE OF THE WORKSHOP.....	23
1.1 Keynote addresses	23
1.2 The OECD Project on Hazardous Air Pollutants	26
<i>Chapter 2:</i> SESSION 1 -- THE HAZARDOUS AIR POLLUTANTS PROBLEM: SOURCES, LEVELS, AND EXPOSURE	31
<i>Chapter 3:</i> SESSION 2 -- HEALTH AND ENVIRONMENTAL EFFECTS: POLLUTANTS OF MOST CONCERN	43
<i>Chapter 4:</i> SESSION 3 -- EXPERIENCE WITH EXISTING REDUCTION STRATEGIES....	59
<i>Chapter 5:</i> SESSION 4 -- DEVELOPMENT OF FUTURE INNOVATIVE POLICIES AND STRATEGIES.....	67
<i>Chapter 6:</i> SESSION 5 -- PUBLIC AVAILABILITY OF INFORMATION AND TECHNOLOGY TRANSFER.....	73
<i>Chapter 7:</i> RAPPORTEURS' SUMMARIES AND FUTURE PRIORITIES	79
7.1 Session 1 -- Sources, levels, and exposure.....	79
7.2 Session 2 -- Health and environmental effects	80
7.3 Session 3 -- Existing reduction strategies	84
7.4 Session 4 -- Innovative policies and strategies	87
7.5 Session 5 -- Information and technology transfer.....	90
7.6 Concluding remarks.....	91

PART TWO
PAPERS PRESENTED

<i>Chapter 8:</i>	SESSION 1 - THE HAZARDOUS AIR POLLUTANTS PROBLEM: SOURCES, LEVELS AND EXPOSURE	95
8.1	<i>Hazardous and Persistent Air Pollutants in Germany</i> Dieter Jost, Federal Environmental Agency, Germany	97
8.2	<i>The Identification System of Potentially Hazardous Chemicals in the Environment in Japan</i> Osamu Mizuno, Office of Health Studies, Environment Agency, Japan	100
8.3	<i>Pollution Levels and Exposure to Some Hazardous Air Pollutants in Sweden</i> Carl-Elis Boström, Swedish EPA, Sweden.....	110
8.4	<i>California's Success in Reducing Hazardous Air Pollutants</i> Steve Hill, Bay Area Air Quality Management District, USA.....	116
8.5	<i>Toxic Organic Micropollutants in the UK Environment</i> Mike Woodfield, Warren Spring Laboratory, UK	120
<i>Chapter 9:</i>	SESSION 2 -- HEALTH AND ENVIRONMENTAL EFFECTS: POLLUTANTS OF MOST CONCERN	131
9.1	<i>The Health Effects of Hazardous Air Pollutants</i> Ila L. Cote, US EPA, USA	133
9.2	<i>Health and Environmental Aspects of Hazardous Air Pollutants: Where Do We Stand?</i> Bernd Seifert, Institute for Water, Soil and Air Hygiene, Germany	141
9.3	<i>IPCS Activities on Evaluation of Human Health Risks from Exposure to Air Pollutants</i> Bing-heng Chen, International Program on Chemical Safety, WHO, Switzerland	155
9.4	<i>The Swedish Sunset Project for Chemicals</i> Alf Lundgren, National Chemicals Inspectorate, Sweden.....	164
9.5	<i>Health and Environmental Effects from Exposure to Hazardous Air Pollutants: A Canadian Perspective: The Arctic and The Great Lakes</i> S.L. Han, Indian and Northern Affairs Canada	170
9.6	<i>Role of Risk Assessment in the US EPA's Air Toxics Program</i> Carl Mazza, US EPA, USA.....	185
9.7	<i>Strategic Planning in the Netherlands' Environmental Policy</i> Robert J.T. van Lint, Ministry of Housing, Physical Planning and Environment, the Netherlands	186

<i>Chapter 10: SESSION 3 -- EXPERIENCE WITH EXISTING REDUCTION STRATEGIES</i> ...	195
10.1 <i>TA Luft '86 - Experience with Emission Control Strategies: Interim Results and Outlook</i> Hans-Hermann Eggers, Federal Environmental Agency, Germany	196
10.2 <i>The Impact of Integrated Pollution Control on the UK Non-Ferrous Metals Industry</i> Joe Heaton, British Non-Ferrous Metals Federation, UK	204
10.3 <i>Dutch Emission Reduction Policy Concerning Industry</i> Lex de Jonge, Ministry of Housing, Political Planning and Environment, The Netherlands	214
10.4 <i>Evaluation of Control Strategies and Related Actions to Reduce the Health Risks Associated With HAPs</i> Scott Peoples, Radian Limited, UK.....	220
10.5 <i>Impetus for State Air Toxic Programs in the USA</i> Richard Valentinetti, Vermont Air Pollution Control Division, USA	229
10.6 <i>Countermeasures for Hazardous Air Pollutants: Japan's Experience and Future Strategy</i> Mitsuhiro Ushio, Air Quality Bureau, Environment Agency, Japan.....	240
 <i>Chapter 11: SESSION 4 -- DEVELOPMENT OF FUTURE INNOVATIVE POLICIES AND STRATEGIES</i>	 249
11.1 <i>The Swedish Action Program</i> Lars Lindau, Swedish EPA, Sweden	251
11.2 <i>Regulatory Plans for Hazardous Air Pollutants Control in Germany</i> Dieter Jost, Federal Environmental Agency, Germany	259
11.3 <i>New Approaches Concerning Diffuse Sources of Air Pollution</i> Willem Bruring, Ministry of Housing, Physical Planning and Environment, The Netherlands	264
11.4 <i>The US EPA's Regulatory Cluster Approach to Setting Air Toxics Standards for the Pulp and Paper Industry</i> Robert Kaufmann, American Forest and Paper Association, USA	271
11.5 <i>HAP Emission Reductions as Part of the OECD Risk Reduction Program</i> Richard Sigman, OECD Environment Directorate, Health and Safety Division	278
11.6 <i>Innovative Approaches: Separating the Wheat from the Chaff</i> David Driesen, Natural Resources Defense Council, USA	285

<i>Chapter 12: SESSION 5 -- PUBLIC AVAILABILITY OF INFORMATION AND TECHNOLOGY TRANSFER</i>	289
12.1 <i>WHO Information Transfer Networks</i> David Calkins, US EPA, USA	291
12.2 <i>Office of Air Quality Planning and Standards Technology Transfer Network</i> Jerry Mersch, US EPA, USA.....	296
12.3 <i>GEMS/Air: the Global Program for Urban Air Quality Monitoring and Assessment</i> Peter Peterson, UNEP Global Environment Monitoring System, UK	301
12.4 <i>The Right-To-Know: A Key to Effective Toxics Control</i> David Driesen, Natural Resources Defense Council, USA	316
12.5 <i>Finding Information on Cleaner Production</i> Chizuru Aoki, UNEP Industry and Environment Program Activity Center, France.....	319
APPENDIX A: OECD Workshop Agenda	327
APPENDIX B: List of Participants	335