

FINAL PROGRAMME

Workshop on Environment & Health: Air Quality Research Needs and Opportunities in the EU Seventh Framework Programme of Research (FP7)

Organised by CONCAWE^{1, 2}

15-16 January 2007

**Bedford Hotel
Rue du Midi/Zuidstraat 135
Brussels**

Important objectives of the symposium are to:

- foster a multidisciplinary approach to identifying research needs & opportunities in air quality;
- serve as a forum for international exchange and integration of data, particularly between disciplines (e.g., between toxicology & epidemiology);
- provide a forum for participants to discuss gaps in knowledge and future research needs.

The symposium will cover the main areas of active research on ambient air pollutants and human health:

- Linking health effects to air pollution across regions and continents;
- Place health effects of air pollution in perspective;
- Mechanisms of air pollutants related health effects;
- Combustion-related emissions and adverse health effects;
- Mechanisms of action and risk assessment of air pollutant mixtures;
- Contribution of environmental health studies to assess effectiveness of policy measures.

¹ With contribution from the European Commission's DG Research to the elaboration of the agenda

² Supported by ECNIS Network of Excellence (Environmental Cancer Risk, Nutrition and Individual Susceptibility), funded by FP6

PROGRAMME 15 January 2007

| | |
|--|---|
| 12.30 h | Registration starts |
| 12.30-13.30 | Sandwich lunch in Foyer of the Armstrong Room |
| 13.30 - 13.45 | Workshop opening Introductory remarks - Wilhelm Bonse-Geuking, Chairman Board of Directors CONCAWE Organisational issues – Diana Parry / Min-Min Teh, workshop facilitators |
| Plenary Session I 13.45 - 15.00 | Environmental factors and public health <u>Chairperson: Peter Pärt, European Commission Directorate-General Joint Research Centre Institute of Environment and Sustainability, Ispra</u> |
| | Theme: Environmental factors and public health – trends and regional differences in disease/public health concerns within EU – Ingvar Andersson , European Environment Agency, Copenhagen |
| | Theme: Environmental factors and health issues – state of knowledge/research recommendations – Bo Jansson , Stockholm University and EU Scientific Committee Health and Environmental Risks (SCHER), Stockholm |
| | Theme: Delivering on the European Environment & Health Strategy – Laurent Bontoux , European Commission Directorate-General Joint Research Centre, Brussels |
| | Discussion |
| 15.00 - 15.30 | COFFEE BREAK |
| Plenary Session II 15.30 – 17.30 | Advancing science to understand complex problems <u>Chairperson: Paolo Boffetta, International Agency for Research on Cancer, Lyon</u> |
| | Theme: Ultrafine particles – formation, transformation and exposure – Thomas Kuhlbusch , IUTA, Duisburg |
| | Theme: Risk assessment of ultrafine particles – Paul Borm , Centre of Expertise in Life Sciences, Hogeschool Zuyd, Heerlen |
| | Theme: Chronic Effects of Air Pollution: Future Research needs and approaches – Nino Künzli , Medical Research Institute, Barcelona |
| | Theme: Health Effects of Organic Aerosol in relation to Traffic Emissions – Flemming Cassee , RIVM, Bilthoven |
| | Discussion |
| 17.30 – 18.30 | ROUND TABLES (discussion of charge questions) and feedback |
| 18.30 – 19.30 | Drinks and Poster viewing |
| 20.00 - ... | Dinner |

PROGRAMME 16 January 2007

| | |
|--|---|
| 8.30 – 8.35 | Recap Day 1 and Opening Day 2 - Rob Taalman , CONCAWE organising committee |
| Plenary Session III 8.35 – 10.30 | Past, ongoing and planned research activities and Approaches to exposure assessment Chairperson: Marek Jakubowski , NOFER Institute, Lodz |
| | Theme: Main findings of FP5 and FP6 projects for air quality health effects and plans for FP7 plans – Tuomo Karjalainen , European Commission Directorate-General Research, Brussels |
| | Theme: Air Pollution and Health: Recent Findings and Key Questions Going Forward – Dan Greenbaum , Health Effects Institute, Boston |
| | Theme: COST Action 633: Particulate matter: properties related to health effects – Regina Hitzemberger , University of Vienna, Vienna |
| | Discussion |
| | Theme: Integrated exposure assessment for multiple environmental stressors – David Briggs , Imperial College, London |
| | Theme: Air pollution exposure patterns: Temporal and spatial differences across the EU – Otto Hänninen and Matti Jantunen – KTL, Kuopio |
| | Theme: Use of biomarkers in air pollution research - Paolo Boffetta , on behalf of the ECNIS Network of Excellence, International Agency for Research on Cancer, Lyon |
| | Discussion |
| 10.30 – 11.00 | COFFE BREAK |
| Plenary Session IV 11.00-12.30 | Expectations from modern epidemiology and integrating the science Chairperson: Brian Miller , IOM, Edinburgh |
| | Theme: Prospective Study of Atherosclerosis, Clinical Cardiovascular Disease, and Long-Term Exposure to Ambient Particulate Matter and Other Air Pollutants in a Multi-Ethnic Cohort (MESA Air) – Joel Kaufman , University of Washington, Seattle |
| | Theme: European studies on ambient particulate matter and health, with a focus on long-term exposure – Carlo La Vecchia , M. Negri Institute, Milan |
| | Theme: WHO activities on air pollution: recent update of Air Quality Guidelines – Michal Krzyzanowski , WHO/ECEH, Bonn |
| | Theme: NERAM- Network for Environmental Risk Assessment and Management - Martin Williams , DEFRA, London and Lorraine Craig, University of Waterloo |
| | Discussion |
| 12.30 – 13.30 | LUNCH |
| 13.30 – 15.00 | OPEN SPACE DISCUSSIONS Feedback & news |
| 15.00 | Actions/Wrap-up/Thank you's – CONCAWE organising committee |
| 15.30 | Workshop ends |
| 15.30 - ... | COFFEE etc |