

## Background

**Clean Air for Europe (CAFE)** is a programme under the European Commission with the aim to develop a thematic strategy on air pollution under the Sixth Environmental Action Programme in mid-2005. CAFE will develop and propose a long-term strategic and integrated policy for the protection of human health and the environment against significant negative effects of air pollution. The thematic strategy will outline the environmental objectives for air quality and also propose measures to be taken to meet these objectives.

The **Convention on Long-Range Transboundary Air Pollution (CLRTAP)** has addressed some of the major environmental problems of the UNECE region. The 1999 Gothenburg Protocol deals mainly with acidification, eutrophication and ground-level ozone. The Protocol will probably enter into force 2005 and its review must start within one year of the date of entry into force. Negotiations for revision of its provisions may also then begin.

The development of the new CAFE and CLRTAP strategies contain many complex and difficult questions and will require significant advancements in science driven policy in comparison to earlier strategies, in particular in relation to:

- the inclusion of health effects from particles and a subsequent consideration of urban air quality,
- the use of a new unified model for the dispersion of air pollution over Europe,
- the consideration of different energy pathways and the Kyoto Protocol,
- the inclusion of dynamics in the consideration of acidification effects and more detailed descriptions of ozone damage to vegetation.

Open discussions and evaluations of the current scientific basis, the available assessment tools as well as potential control measures and environmental targets, used as a basis for development of these new strategies, are essential for the process of creating international consensus and agreements. A discussion of future needs in research and development is also highly relevant.

## Aims of the workshop

The workshop will be directed towards:

- Objectives and targets related to health and environmental effects in view of the scientific knowledge and scenario analysis for the review and possible revision of the Gothenburg Protocol and the EU NEC and air quality directives.
- Policy options for CLRTAP and EU CAFE in relation to the development within the industry/energy/traffic sectors and other policy areas.
- Needs for supporting knowledge and scientific research.
- Long term targets.

## Organisation of the workshop

The meeting will consist of plenary sessions with keynote presentations and working group sessions.

There will be 6-8 working groups covering areas such as:

- Health and environmental effects: The impact of alternative abatement strategies.
- Emission inventories and air pollution modelling. State of the art and plans for the future.
- Cost-benefit analysis. How to use the results for a European air pollution strategy?
- Integrated assessment modelling. How to use the results for a European air pollution strategy? How to deal with uncertainties and robustness?
- The future role and impact on air pollution policies of: Liberalisation of the energy market; Carbon trading; Clean cars; The CAP reform; Nuclear phase out and renewable energy strategies; Post Kyoto agreements.
- Strategies to solve the local-urban air pollution situation.
- Future strategies: One program for clean air – local/regional/global.
- How to keep the interest in the air pollution problem.

## Plenary presentations (tentative):

- Air Pollution development in Europe 1980-2010.
- The air pollution agenda beyond 2020.
- Assessment of environmental effects in air pollution strategies.
- New concepts and ideas in air pollution strategies.
- Air pollution abatement in urban areas.
- The EU strategy on air pollution.
- North American air pollution strategies.
- Will recent scientific findings redirect policy?
- Alternative scenarios for the development of the energy, traffic and agriculture sectors in Europe.
- The CAFE cost-benefit analysis.
- Results from calculations with the RAINS model.
- Results from calculations with the Merlin model.
- Reviews of the EMEP and the RAINS models.
- Hemispheric air pollution strategies.
- Assessment of health effects in air pollution strategies.

### Organising Committee

Markus Amann, Austria  
Richard Ballaman, Switzerland  
Keith Bull, UN ECE  
Harald Dovland, Norway  
David Fowler, UK  
Heinz-Detlef Gregor, Germany  
Peringe Grennfelt, Sweden  
Bill Harnett, USA  
Lars Lindau, Sweden  
Rob Maas, The Netherlands  
Jürgen Schneider, WHO  
André Zuber, DG Environment

## Workshop Venue

The workshop will start 25 October 2004 at 13:00 and finish 27 October 2004 at 16:00.

The workshop will be held at Quality Hotel 11 ([www.hotel11.se](http://www.hotel11.se)) in Gothenburg Sweden.

**Quality Hotel 11**  
Maskingatan 11  
417 64 Gothenburg  
Sweden



**Welcome to Gothenburg in October 2004!**

## Workshop Registration

Final registration should be made before 25 September 2004 to:

Jenny Arnell  
Swedish Environmental Research Institute  
PO Box 47 086  
SE-402 58 Gothenburg  
Sweden  
E-mail: [jenny.arnell@ivl.se](mailto:jenny.arnell@ivl.se)

*After 20 May:*  
PO Box 5302  
SE-400 14 Gothenburg  
Sweden

Additional information and registration form are available on <http://asta.ivl.se/workshops>.

The organisers welcome preliminary registrations, which can be made to Jenny Arnell.

### Secretariat

Peringe Grennfelt (program issues)  
IVL Swedish Environmental Research Institute  
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Convention on Long-range  
Transboundary Air Pollution



European Commission  
Clean Air for Europe

First Announcement

Workshop on

## Review and Assessment of European Air Pollution Policies

Gothenburg, Sweden  
October 25-27, 2004



International and National  
Abatement Strategies for  
Transboundary Air Pollution



Nordic Council of Ministers



Network for the support of  
European Policies on Air  
Pollution