

Programme of the COST 715 Expert Meeting (Workshop) "Mixing height and inversions in urban areas"

Toulouse, France, 3 - 4 October 2001

The expert meeting is organised jointly by the Working Groups 2 and 3.

Wednesday 3 October 2001

14:00 Registration and welcome of participants (Local organiser, Martin Piringer and Jaakko Kukkonen)

Session 1: Urban mixing height (Chair Piringer)

14:30 Alexander **Baklanov**: The mixing height in urban areas - a review

15:05 Reinhard **Martens**: A recommendation for turbulence parameterisation in German guidelines for the calculation of dispersion in the atmospheric boundary layer – improvements and remaining problems

15:30 Coffee break

15:50 Mathias W. **Rotach**: BUBBLE - current status of the experiment and planned investigations/evaluations of the mixing height

16:15 Frédérique **Said**: Influence of sea breeze and relief on the mixing height during ESCOMPTE in the Marseille area

16:40 Aggeliki **Dandou**: Mixing Heights calculations by MM5 and simple pre-processors for atmospheric dispersion modelling

17:05 Discussion on urban mixing height

18:00 Closure of Session 1

Thursday 4 October 2001

Session 2: Inversions and peak pollution episodes (Chair Kukkonen)

9:00 Welcome of participants (Local organiser, Jaakko Kukkonen and Martin Piringer)

9:10 Ranjeet **Sokhi**: Analysis and Evaluation of Air Pollution Episodes in European Cities

9:35 Erik **Berge**: Simulations of wintertime inversions in northern European cities by use of NWP-models

10:00 Coffee break

10:20 Sylvain **Joffre**: Evaluation of inversions and their relation to air pollution episodes in Helsinki

10:45 Sandro **Finardi**: Analysis of air pollution episodes driven by temperature inversion in the sub-alpine Italian region

11:10 Discussion on inversions and peak pollution episodes

Session 3: General discussion, including conclusions and recommendations

12:30 Closure of the Workshop