



STUDY TOUR “SHARING EU MS COUNTRY’S EXPERIENCE AND TRAINING ON AIR QUALITY MONITORING” IN FINLAND

Time: 27-31 August, 2007
Place: Finnish Meteorological Institute (FMI)
Address: Erik Palménin aukio 1, FI-00560 HELSINKI

- FMI website: <http://www.fmi.fi/en/index.html>
- FMI Location on a map: http://www.fmi.fi/organization/contacts_30.html
- Hotel Helka: <http://www.helka.fi/>
- Helsinki website (maps, public transport etc.): <http://www.helsinki.fi/en/>

Lunch in the canteen at the FMI or on Tuesday at the SYKE and on Wednesday at the VTT

BC participants

Main programme

Separate programme

PROGRAMME

Monday 27 August

8:20 Pick-up from the Hotel Helka, Pohjoinen Rautatiekatu 23, FI-00100 HELSINKI

FMI, seminar room Kontti

9:00 Kick-off meeting (**All BC experts**)

- Welcoming addresses & FMI in nutshell, Mikko Alestalo, Deputy Director General
- FMI’s Air Quality Research, Jaakko Kukkonen, Director
- Study Tour programme, MS PL Harri Pietarila

13:00-17:30 FMI’s operational activities (**Svetlana, Marijonka, Aleksandra, Igor P., Driton, Maja, Liljana, Martina**)

- FMI’s IT-department and software development, director Mikko Strahlendorff
- FMI’s observational networks, data acquisition, databases, Pauli Rissanen, Special Scientist, Observation Service
- Meteorological research at FMI, Priit Tisler

*13:00-17:30 Training on calibration laboratory, Jari Walden (**Igor A., Ljupco**)*

Tuesday 28 August

8:30- 12:00 Visit to the Finnish Environment Institute, address: Mechelininkatu 34 a, Helsinki 25, 8th floor, seminar room Tervapääsky.

(**Svetlana, Marijonka, Aleksandra, Igor P., Driton, Maja, Liljana, Martina**)

- Finnish Environmental legislation and organization, Alec Estlander,



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Director, Environmental Management Division

- Transposition of AQ directives in Finland, Tarja Lahtinen, Senior Adviser, Ministry of Environment
- Emission inventory systems and scenarios in Finland, Kristina Saarinen, Team Leader
- *Meeting with Santtu Mattila (Igor P., Driton)*
- *Lunch meeting with Tapani Säynätkari (Svetlana)*

8:30- 12:00 Training on calibration laboratory, Jari Walden (*Igor A., Ljupco*)

13:00- 16:00 Visit to the Helsinki Municipal Area Council, address: Opastinsilta 6A, 5th floor, seminar room 2 (entrance from 2nd floor)

(*Svetlana, Marijonka, Aleksandra, Igor A., Ljupco, Maja, Liljana, Martina*)

- Air Quality measurements at Helsinki municipal area, Maria Myllynen
- Dissemination of AQ, Maria Myllynen
- Information to public, Maria Myllynen
- AQ Plans and Programmes, Jari Viinanen

13:00- 15.30 Dispersion modeling training, Sari Lappi (*Igor P., Driton*)

Evening programme; Sauna & swimming possibilities (take your swimming suits with you!)

Kauniasten kaupungin virkistysalue, Soukanniemi, Frosteruksentie 3, Soukanniemi, Espoo

Wednesday 29 August

9:00-12:00 Visit to the VTT , address: Biologinkuja 7, Otaniemi, Espoo (*Svetlana, Marijonka, Aleksandra, Igor P., Driton, Liljana, Martina*)

- Presentation of VTT, technology manager Jukka Lehtomäki
- VTT's activities related to emission measurements and relevant legislation, team leader Tuula Pellikka
- Visit to the laboratory of transport emission research, team leader Juhani Laurikko

9:00-12:00 AQ data management training, Timo Salmi (*Maja*)

13:30-15.00 Air Quality data management (*Svetlana, Marijonka, Aleksandra, Igor P., Driton, Maja, Liljana, Martina*)

FMI, Seminar room Natura

- AQ measurement networks in Finland & data management and reporting, Timo Salmi
- Dissemination of AQ information to public - presentation of Finnish AQ portal, Virpi Tarvainen



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15:00-16.30 Quality management and laboratory tour (*Svetlana, Marijonka, Aleksandra, Liljana, Martina*)

FMI, Seminar room Natura

- QA/QC - Jari Walden & Veijo Pohjola
- Visit to the Air chemistry laboratory and calibration laboratory, Hannele Hakola, Group Leader & Jari Walden, Group Leader

15:00-16.30 *Data management and reporting training, Timo Salmi (Igor P., Driton, Maja)*

9:00-16:30 *Maintenance training on Thermo monitors, Harri Granath (Igor A., Ljupco)*

Thursday 30 August

8:30-17:30 Visit to a EMEP background monitoring station in Virolahti, Jari Walden, Kaj Lindgren, Harri Pietarila (*All BC experts*)

- Measurement programme and equipments
- Maintenance and calibration
- Hands on training on sampling equipments

Friday 31 August

FMI, Seminar room Kontti

9:00-10:00 Dispersion Modelling at FMI, Ari Karppinen (*Svetlana, Marijonka, Igor P., Driton, Liljana, Martina*)

10:00-11:00 Preliminary Assessment and Zones in Finland, Harri Pietarila (*Svetlana, Marijonka, Aleksandra, Liljana, Martina*)

11:00-12:00 Using GIS tools in preliminary assessment, Birgitta Alaviippola (*Svetlana, Marijonka, Aleksandra, Liljana, Martina*)

12:00-14:00 Project management meeting, Harri Pietarila (*Svetlana, Marijonka, Aleksandra, Liljana, Martina*)

14:00-16:00 Closing meeting, Harri Pietarila (*All BC experts*)

9:00-14:00 *HQC training, Helena Saari (Igor A., Ljupco, Maja, Aleksandra)*

10:00-14:00 *Dispersion modelling training, Sari Lappi (Igor P., Driton)*

Attention! BTEX training for Igor A. & Ljupco & Aleksandra (if time allows for Aleksandra) during the days when Igor A. & Ljupco are in the calibration laboratory.

