Particulate matter
- projects and objectives

Project 2.1	**Chemical Modelling of Aerosol Formation** Develop and validate a robust module for describing the chemical PM fraction and its relation to sources. **Project leader**: David Simpson, Norwegian Meteorologial Institute (MET.NO).
Project 2.2	**Developing dynamic particle description including formation, growth and deposition** To develop and evaluate a computationally fast aerosol dynamics module, capable of simulating the aerosol size distribution and composition in the framework of 3-D Eulerian CTM (Chemical Transport Modelling) on local to regional scale. **Project leader**: Valentin Foltescu, SMHI.
Project 2.3	**Construct emission databases for dynamic particle models and validate urban models concerning particle size distribution and chemistry** Development of source specific particle-size resolved emission factors for both number and mass suitable for both urban and regional particle dynamic models that describe how the particle-size distribution develop and disperse over an urban area. **Project leader**: Christer Johansson, ITM, Stockholm University.
Project 2.4	**Aerosol OA sampling and ^{14}C analysis** Aerosol sampling and ^{14}C analysis for producing data to be used to develop and validate the OA module to be implemented in the 3D chemical aerosol model. **Project leader**: Kristina Stenström, Lund University, Department of Physics, Division of Nuclear Physics.