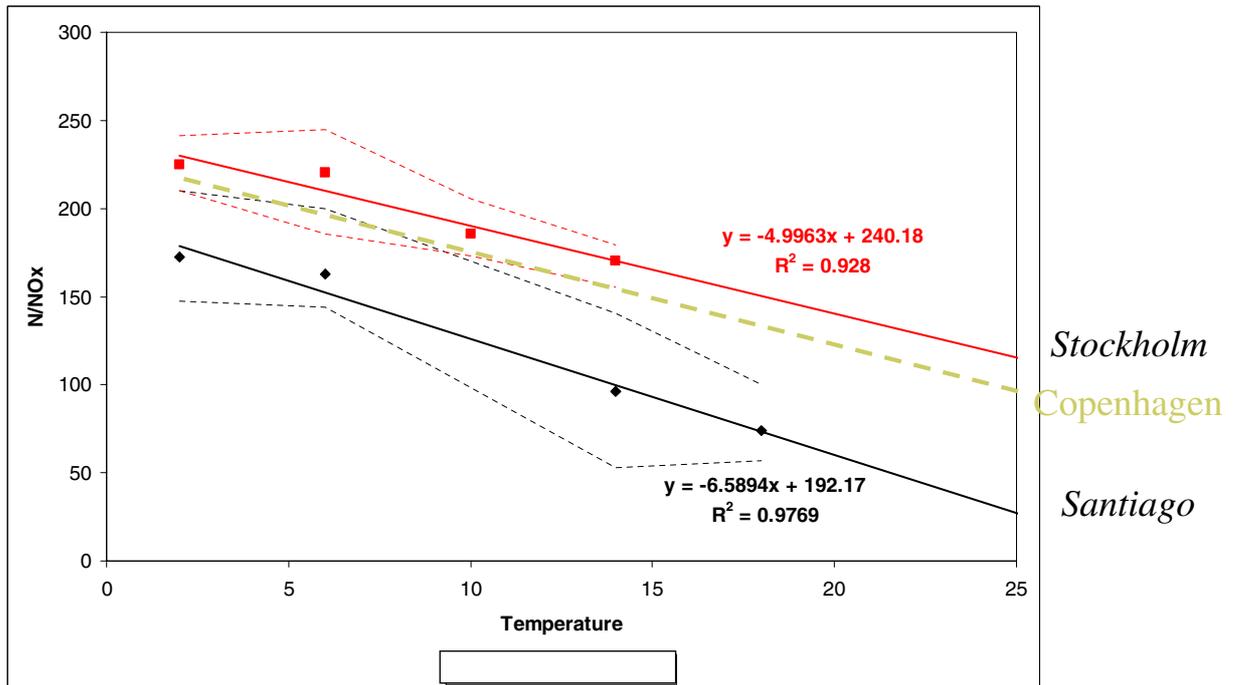
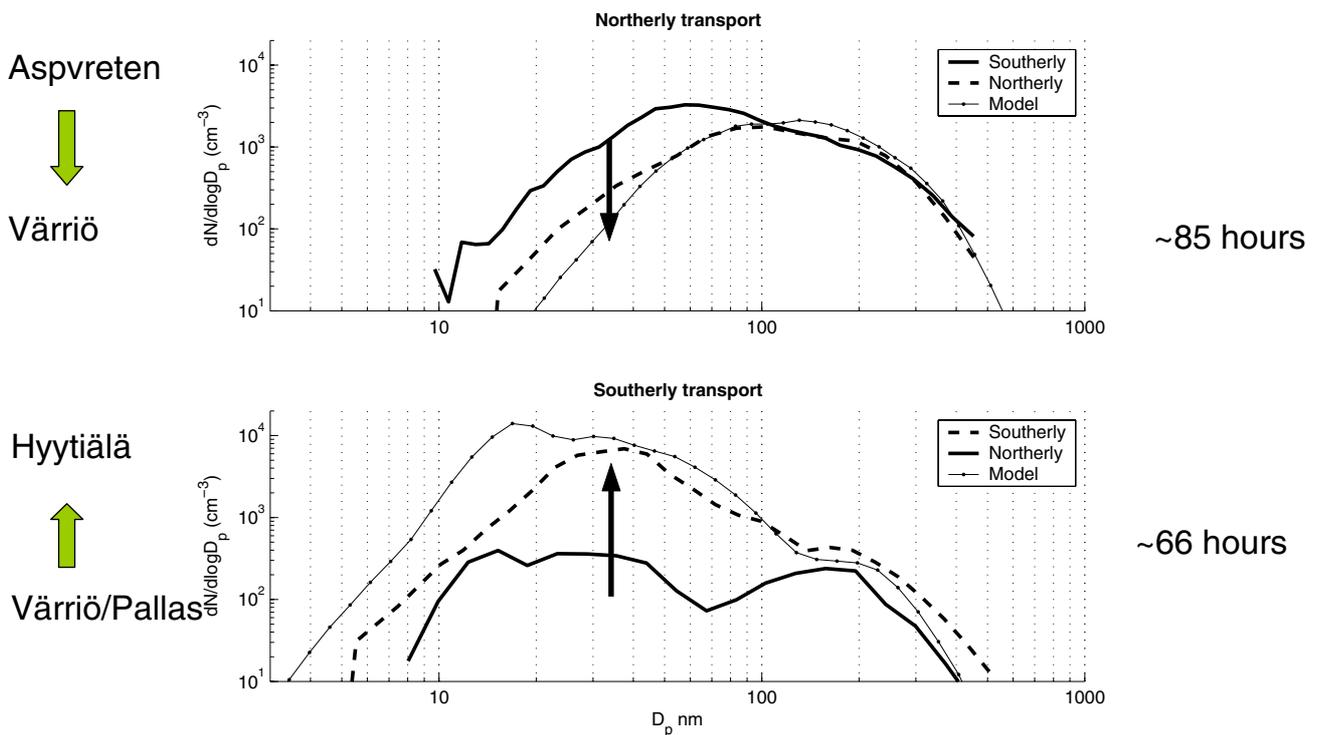


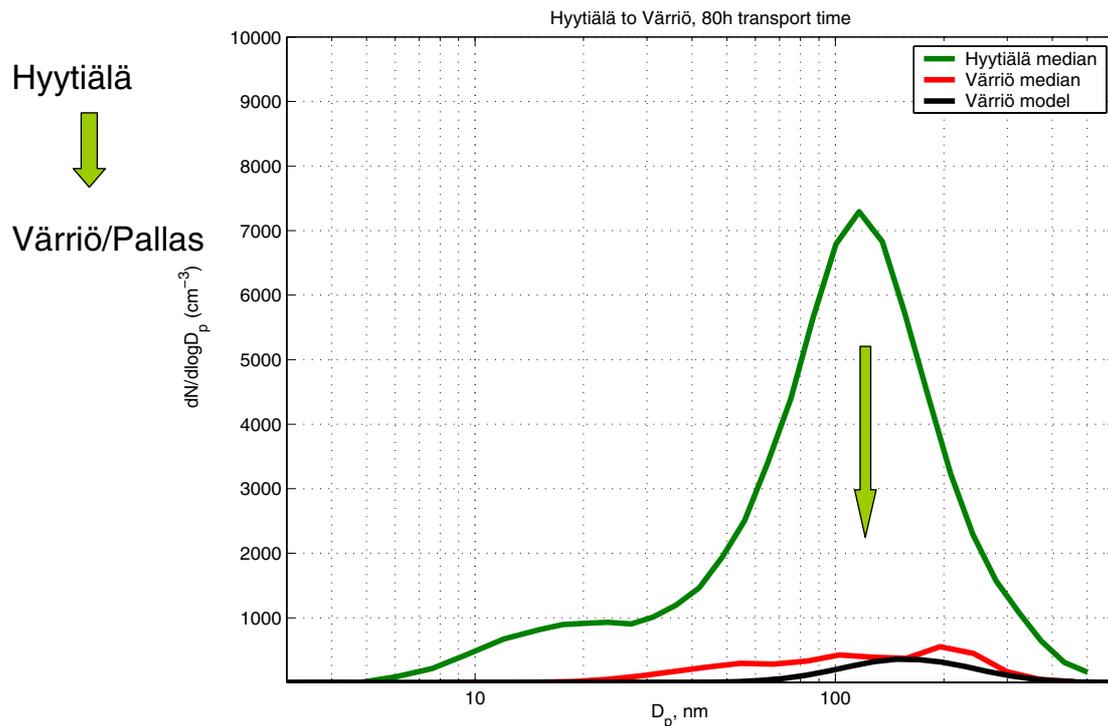
Temperature dependent emissions



Simulated and observed changes of aerosol size distribution properties during southerly and northerly transport under clear sky conditions.



Modelled and observed aerosol number size distribution at Värriö after 60h of transport from Hyytiälä during cloudy conditions.



Work so far and to come at ITM

- Pseudo Lagrangian evaluation of particle size distribution during wet transport
- Continuous soot measurements on going in background sites and some urban sites
- Campaigns in Stockholm, Santiago, and Temuco where soot is a component, performed at high way, street canyon and wood combustion community.
- Development and testing of OC/EC instrumentation is now starting.
- Modelling of the life cycle of soot on local and regional scale to be started.