The Pan-European Gas-AeroSOls-climate interaction Study

The Pan-European Gas-AeroSOls-climate interaction Study (PEGASOS) is a large scale project funded by the European Commission. PEGASOS focuses on interactions between atmospheric chemistry and climate change. Quantifying the magnitude of regional to global feedbacks is the first aim of the project. The second aim is to develop „win-win” strategies to improve air quality while limiting the impacts on climate change.

The project is subdivided into four scientific themes. These themes link all related aspects from field measurements, laboratory analysis, modelling and integration with policy in a logical set:
I) Anthropogenic and biogenic emissions and their response to climate and socio-economy
II) Atmospheric interactions among chemical and physical processes
III) Regional and global links between atmospheric chemistry and climate change
IV) Air quality in a changing climate: Integration with policy