

Summary of NIAM meeting on 22-23rd March 2010

On 22-23rd March 2010 NIAM members met at IIASA. The first day was dedicated to national integrated assessment activities, and the second day was a joint meeting with the partners in the EC4MACS project developing models at the European scale to support development of EC policy. On the NIAM day, 22nd March, the morning was spent summarising developments and future plans in different countries, and covering a wide range of topics. This gave the opportunity to hear about some projects in the early stages such as a new study of low carbon shipping emissions, and modelling of atmospheric dispersion of mercury. It was also good to see new countries interested in developing IAM capabilities and the detailed information available at a national level.

The afternoon session focused on some selected topics, the first being the modelling of urban air quality and compliance with air quality limit values. Detailed national modelling studies addressed specific issues of increasing proportions of primary NO₂, and revised emissions of NO_x from HGVs up to Euro V in urban areas. Plans for urban modelling within the EC4MACS project were also presented, aiming to embed sub-grid scale features in larger European scale modelling.

The next topic was the development of longer term projections to 2050, with a very interesting paper from Finland describing scenarios based on four different story lines, and exploring links between urban planning and future CO₂ and other pollutant emissions.

The afternoon concluded with a session on uncertainty analysis and sensitivity studies, illustrating the techniques available from scenario analysis (for example reflecting different energy projections) to statistical frameworks for uncertainty analysis. NIAM members were invited to participate in the FAIRMODE project to develop guidelines for urban emission inventories and projections, and a proposal was put forward for a working group within NIAM to address uncertainty. There was then considerable debate about the breadth of IAM and the complexity of addressing uncertainty; and what could usefully be achieved within NIAM without specific funds available, and recognising overlapping interests with other activities such as TFEIP. It was agreed that a first step could be to use the members section of the NIAM web-site to initiate a forum on this topic of addressing uncertainty, and that members should be encouraged to provide information on how this is addressed in their countries with examples and references. This would need to be carefully structured to reflect different components of IAM, and overall optimisation/selection of effective strategies. But initial sharing of ideas and experience can be further developed into more ambitious plans if opportunities for funding arise.

NIAM members were also encouraged to look at other new topics on the NIAM web-site where questions/ information can be posted concerning various sources and pollutants; and correspondence on the PRIMES model can be viewed. They were also asked to review the summaries of their national activities and update as appropriate.

The full agenda for the meeting is given below, and the presentations may be accessed in the following file [NIAM Meeting 22032010](#).

NB NIAM members should contact Helen ApSimon or Stefan Astrom to obtain access to the member's only section of the website.