

CONVENTION ON LONG-RANGE TRANSBOUNDARY AIR POLLUTION  
**Cooperative Programme for Monitoring and Evaluation of the Long-range  
Transmission of Air Pollutants in Europe (EMEP)**

**TASK FORCE ON INTEGRATED ASSESSMENT MODELLING (TFIAM)**

44<sup>th</sup> session, 6-8 May 2015

Royal Society of Edinburgh, 22-26 George Street (corner Hanoverstreet), Edinburgh

(No Russian translation available)



## Agenda

### Introduction

1. Welcome, Opening and Adoption of the agenda

2. News on the Convention

*Presentation by the chair*

<http://www.unece.org/index.php?id=10031>

[http://www.unece.org/fileadmin/DAM/env/documents/2014/AIR/EMEP/ECE\\_EB.AIR\\_GE.1\\_2014\\_4\\_ENG.pdf](http://www.unece.org/fileadmin/DAM/env/documents/2014/AIR/EMEP/ECE_EB.AIR_GE.1_2014_4_ENG.pdf)

3. Policy developments in the European Union

*Presentation by Peter Meulepas*

[http://ec.europa.eu/environment/air/index\\_en.htm](http://ec.europa.eu/environment/air/index_en.htm)

## **I Recent policy analyses with GAINS**

4. Recent scenario runs with the GAINS model

*Presentation by Markus Amann, CIAM*

[http://ec.europa.eu/environment/air/review\\_air\\_policy.htm](http://ec.europa.eu/environment/air/review_air_policy.htm)

<http://www.iiasa.ac.at/web/home/research/researchPrograms/MitigationofAirPollutionandGreenhousegases/TSAP-reports.en.html>

<http://webarchive.iiasa.ac.at/Admin/PUB/Documents/XO-14-081.pdf>

## **II Updates on European scientific research**

5. Update on ozone impacts on vegetation: trends and interactions with nitrogen

*Presentation by Harry Harmens, ICP Vegetation*

6. Tasks of the new Task Force on Techno-Economic Issues

*Presentation by Tiziano Pignatelli, TFTEI*

7. The use of ammonia as a transport fuel

*Presentation by Mark Barrett, UCL*

8. The cost-effectiveness of Nitrogen Emission Control Areas in European seas

*Presentation by Pieter Hammingh, PBL*

*Reflection by Christer Ågren*

<http://www.pbl.nl/en/publicaties/potential-contribution-of-nitrogen-emission-control-area-to-national-targets-under-a-revised-eu-nec-directive>

9. Results of the Appraisal project

*Presentation by Enrico Pisoni, JRC*

<http://www.appraisal-fp7.eu/site/index.php>

Progress of the FAIRMODE project

*Presentation by Julio Lumbreras, Univ. Madrid*

10. Progress in global emission scenarios in co-operation with HTAP

*Presentation by Stefan Åström*

<http://www.htap.org/>

11. Benefits analysis – major questions and recent advances

*Presentation by Mike Holland*

<http://www.sciencedirect.com/science/article/pii/S1462901115000507>

### **III Experiences in agricultural modelling**

*What methodology is used? Is the ammonia emission estimate part of an integrated assessment of nitrogen use? Do the analyses take into account differences in farm size? What impacts are expected from the abolishment of the milk quota? What are the risks of exceeding ammonia emission ceilings, what are options for mitigation these risks?*

12. Modelling ammonia emissions from agriculture in GAINS

*Presentation by Markus Amann*

13. Experiences in Germany

*Presentation by Johanna Appelhans, UBA*

14. Experiences in Ireland

*Presentation by Andrew Kelly, Envecon*

15. Experiences in Denmark

*Presentation by Jesper Bak, Aarhus University*

16. Experiences in the Netherlands

*Presentation by Rob Maas, RIVM*

17. Experiences in Sweden

*Presentation by Stefan Åström, IVL*

18. Experiences in Switzerland

*Presentation by Gaston Theis, BAFU*

19. Experiences in the UK

*Presentation by Helen ApSimon, Imperial College*

### **IV National integrated assessment modelling**

20. Progress in Integrated Assessment modelling in Spain

*Presentation by Julio Lumbreras, Universidad Politécnica de Madrid*

21. Marginal damage estimates for Ireland

*Presentation by Andrew Kelly, Envecon*

22. Finnish modelling for the NEC and MCP directive

*Presentation by Mikko Savolahti, SYKE*

23. Modelling NO<sub>x</sub> from transport in the UK

*Presentation by Helen ApSimon, Imperial College*

Modelling low emission renewables based energy systems

*Presentation by Mark Barrett, UCL*

## **V Further work**

24. Status of the CLRTAP Assessment Report  
*Presentation by Rob Maas*

25. TFIAM work plan

## **VI Chair's report**