

**Task Force on Reactive Nitrogen, 2nd Meeting
(TFRN-2)
Agenda
28-29th April, Garmisch-Partenkirchen Congress
Centre, Germany**

(Version at 24th April 09)

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| Tuesday 28th April | |
| Venue: Olympia-saal | |
| 8.30 | Registration opens (venue tbc) |
| Session 1: Welcome - Integrated approaches to Nitrogen Management & Gothenburg Protocol | |
| 9:00 | Welcome |
| | Key note lecture " Integrated approaches to nitrogen management " Markus Geupel / Till Spranger, German Federal Environment Agency. Co-contributor: Rüdiger Hofmann |
| | Report of the Expert Panel on Mitigating Agricultural Nitrogen (EPMAN) focused on preparation of information to support Gothenburg Protocol Revision – Shabtai Bittman |
| | TFRN Co-chairs report: Feedback from WGSR-44 on the steer from the Parties for revision of ammonia guidance and Annex IX of the Gothenburg Protocol – Mark Sutton & Oene Oenema |
| <i>10.30-11.00</i> | <i>Coffee</i> |
| 11:00 | Progress report of the Expert Panel on Nitrogen Budgets (EPNB) – Wilfried Winiwarter |
| | First plenary discussion on preparing inputs for Gothenburg Protocol Revision; identification of main discussion points – Oene Oenema |
| | Group discussions; to discuss and improve the suggested revision of the ANNEX IX and Guidance Documents <ul style="list-style-type: none"> • <u>Groups 1&2 in Conference Centre</u> • <u>Groups 3&4 in Garmischer-Hof (local Hotel)</u> |
| <i>12.30-14.00</i> | <i>Lunch</i> |
| Session 2: Reports from NFP's | |
| 14.00 | Canada - Tom Clair "Status of reactive N in Canadian ecosystems and national research activities" |
| | Hungary - Lazlo Horvath "Situation of reactive nitrogen issues from research to politics in Hungary" |
| | Czech Republic - Rotislav Neveceral "Nitrogen balance in Czech republic" |
| | Russian Federation - Natalia Kozlova "Russian NFP, current activities" |

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| | Bulgaria - Denitsa Stoyanova "Integrated nitrogen management in Bulgaria" |
| Session 3: Reports from international conventions & views of commissions and international organisations; towards the development of integrated approaches to manage multiple threats of reactive nitrogen. | |
| | European Commission – Jeroen Casaer/Luisa Samarelli Integrated nitrogen management in relation to the Nitrates, Water Framework and National Emissions Ceilings Directives |
| 15:30-16:00 | <i>Coffee</i> |
| 16:00 | TFIAM workshop on ‘aspirational targets’ for 2050 – outcomes and the way forward – plenary led by Oene Oenema |
| | Progress report of the European Nitrogen Assessment (ENA) – Mark Sutton |
| | WGE Extended Bureau Collaborative Report |
| | HELCOM (Helsinki Commission - Baltic Marine Environment Protection Commission)– Günther Nausch |
| | UNEP Global Partnership on Nutrient Management – Chris Tomkins or colleague to confirm. |
| 17:15-18:30 | Group discussions; Second round of discussions on the suggested revision of the ANNEX IX and Guidance Documents and preparing short reports <ul style="list-style-type: none"> • <u>Groups 1&2</u> Conference centre • <u>Groups 3&4</u> in Garmischer-Hof |
| 18.30-19.00 | <i>Optional discussion session: Development of ENA chapter – ‘Coordinating European nitrogen management between international conventions’.</i> |
| 19:30 | Conference dinner at Hotel Alpina |
| Wednesday 29th April | |
| Venue: Olympia-saal | |
| Session 3 (cont.) | |
| 8.30 | European Bureau on Integrated Pollution Prevention and Control (IPPC): <ul style="list-style-type: none"> • Paolo Montobbio of the Technical Working Group on livestock farming. • Helmut Döhler: Review of Best Available Techniques in livestock agriculture. |
| Session 4: Nitrogen and animal protein | |
| | Henk Westhoek: “Human nutrition and its indirect effects on biodiversity, greenhouse gas emissions and nitrogen losses” |
| | Proposal for Expert Panel on Nitrogen and Food & Plenary Discussion Oene Oenema |
| | Helen ApSimon: “Multi-criteria decision analysis and ammonia control strategies” |
| Session 5: Towards a research agenda for Integrated Approaches to Nitrogen Management | |

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| | “Effects of nitrogen on ecosystems; some examples by the Working Group on Effects” Anne Christine LeGall |
| | Future Research Needs: Presentation of the N research strategy document & Plenary – Mark Sutton |
| 10.30-11.00 | Coffee |
| Session 6: Reports from discussion groups on revisions to Gothenburg Protocol documents | |
| | Group 1 |
| | Group 2 |
| | Group 3 |
| | Group 4 |
| 12.15-13.30 | Lunch |
| Session 7: Work plans, agreement of actions and minutes, close | |
| 13.30 | Discussion of Work plans and invitations to participate in the Expert Panels and TFRN <ul style="list-style-type: none"> • Report on the 2009 TFRN workplan & devising 2010 workplan • EPMAN • EPNB • EPNF (Expert Panel on Nitrogen and Food) |
| 14.30 | Actions and minutes, close <ul style="list-style-type: none"> • Finalizing of conclusions and tasks for revision of input on ammonia to Gothenburg Protocol. • Proposal for agreement on Actions, including next meetings. • Agreement of the draft Meeting Report Matti Johansson |
| 16.00 | Close of meeting – coffee available |

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Suggested Discussion Groups

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| Group 1: How to implement a more integrated approach to the mitigation of NH3 emissions in relation to other aspects of the N cycle, what are the appropriate quantitative indicators, what are target values? |
| Group 2: What are the benefits of a more stringent NH3 emission abatement for the farmer and society in monetary terms and in terms of human health and ecological impacts? |
| Group 3: What are feasible levels of abatement for NH3 emissions (ammonia emission reduction percentages) from <ul style="list-style-type: none"> - pig and poultry housing and manure storage systems - manure application (both slurry and solid manure) to land and how can we define easily the situations where these are applicable? |
| Group 4: What are feasible levels of abatement for NH3 emissions (ammonia emission reduction percentages) from cattle housing and cattle manure storage systems, if cattle (both dairy and other cattle) would be included in ANNEX IX, and for which cattle farms (size of the farms, number of cattle) should these provisions apply. |

