



# Nitrogen in Europe

*Current Problems & Future Solutions*

EUROPEAN  
SCIENCE  
FOUNDATION

## Welcome to first workshop of the European Nitrogen Assessment ENA-1

WICC  
WAGENINGEN,  
THE NETHERLANDS,  
20 – 21 MAY 2008



# First workshop, ENA-1

## Objectives:

- Discuss the background documents of chapters 2 and 3;
- Lay the ground for assessments of Chapters 2, 3 and 4



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## First workshop, ENA-1

### Program:

#### Tuesday

- Presentations by Erisman and Oenema
- Plenary discussions
- Group discussions (starting with 2 groups)
- Writing draft sections



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## First workshop, ENA-1

### Program:

#### Wednesday

- Continuation of group discussions and writing
- Back reporting
- Plenary discussion
- Wrap-up



# Welcome to first meeting of UNECE Task Force on Reactive Nitrogen

WICC  
WAGENINGEN,  
THE NETHERLANDS,  
21 – 23 MAY 2008



# First meeting of the TFRN (1)

## **Objectives:**

- To exchanges views on the TFRN;
- To discuss current Nr activities by Parties to the Convention
- To develop the work plan of the TFRN;
- To establish linkages with subsidiary bodies of the Convention and other Conventions and International forums.



# First meeting of the TFRN (2)

## **Comprehensive Program:**

- Full days with
  - Presentations
  - Plenary discussion
  - Groups discussions
  - Informal Gathering
  
- Please give PowerPoint files on USB stick or CD to:
  - Oene Oenema
  - Linda van Kleef
  
- For technical questions please contact Linda van Kleef.



## First meeting of the TFRN (3)

### ➤ **Program this afternoon**

- Welcome
- Ongoing work UNECE-CLRTAP
- Views of national representatives
- Informal gathering
- Manchester United - Chelsea



# First meeting of the TFRN (4)

- **Program Thursday morning**
  - Informal gathering
  - European Nitrogen Assessment
  - Views from other International Conventions
  - Views of Commissions and International Organizations
  - Informal gathering



## First meeting of the TFRN (5)

### ➤ **Program Thursday afternoon**

- Nitrogen emissions inventories & mitigation
- Revision of the Gothenborg Protocol
- Developing the TFRN Agenda
- Informal gathering



# First meeting of the TFRN (6)

## ➤ **Program Friday morning**

- Informal gathering
- New perspectives on reactive nitrogen
- Developing the TFRN Agenda
- Decisions and Future Work Plan of TFRN
- Informal gathering
- Adjourn



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## Long-term goal of the TFRN

- “Developing technical and scientific information, and options which can be used for strategy development across the UNECE, and to encourage coordination of air pollution policies on nitrogen in the context of the nitrogen cycle and which may be used by other bodies outside the Convention in consideration of other control measures”.

# Functions of the TFRN

- To develop a better understanding of the integrated, multi-pollutant nature of reactive nitrogen, particularly in relation to air pollution in context of the nitrogen cycle;
- To assess emissions, transport, budgets, fluxes and effects of nitrogen;
- To complement the work of the subsidiary bodies of the Convention and to foster an understanding of, and make best use of, the synergies;
- To continue, as necessary, the work of the former Expert Group on Ammonia Abatement;
- To carry out other tasks as the Executive Body may assign to it in the annual workplan.



## Developing the workplan of the TFRN:

- Short-term and long-term objectives;
- Focus on Nr, on integrated analyses;
- Include the work of the Expert Group on Ammonia Abatement;
- Report to the CLTRAP Working Group on Strategies and Review (WGSR) in September 2008



# Developing the workplan of the TFRN

## **Short-term:**

- To establish functional linkages with other Task Forces, Conventions and stakeholders and to identify areas for synergy;
- To revise BREFs for abatement of  $\text{NH}_3$  emissions;
- To contribute to the Revision of the Gothenburg Protocol;



# Developing the workplan of the TFRN

## **Long-term:**

- To developing an integrated vision and approach to abatement of Nr emissions into the environment, to be used for strategy development across the UNECE;
- To encourage coordination on the development of integrated Nr policies;
- To search for synergies between policies on air pollution and other policies;



Questions?

Suggestions?