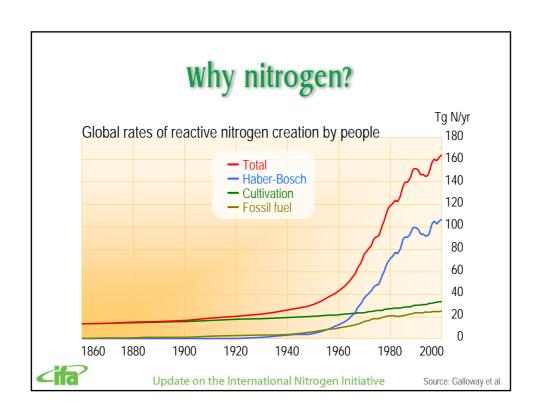
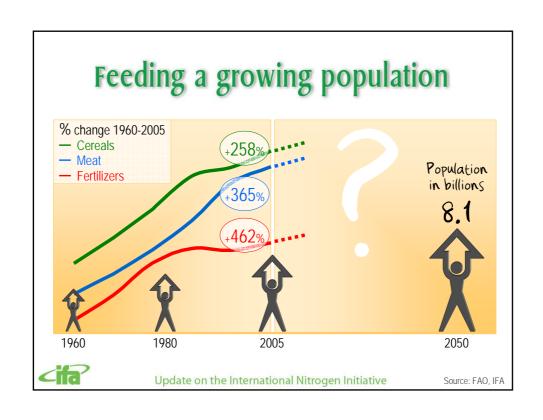
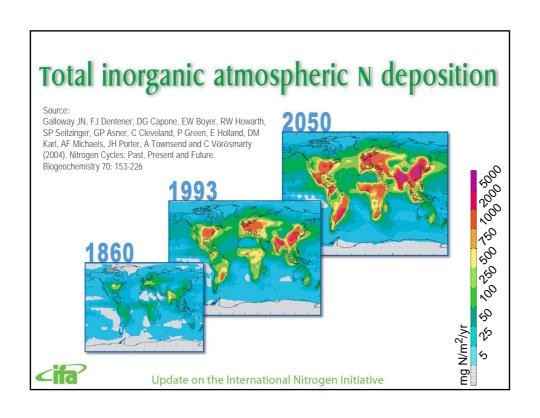


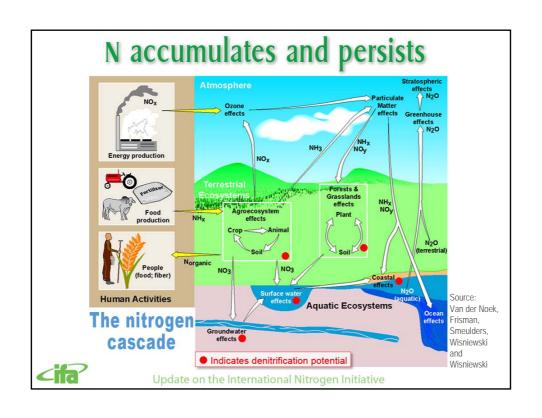
Update on the International Nitrogen Initiative

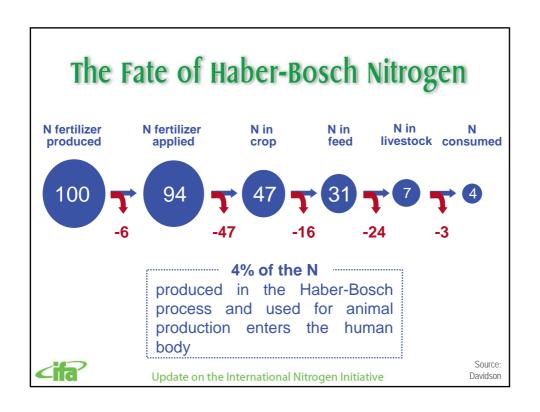
L.M. Maene, Director General International Fertilizer Industry Association

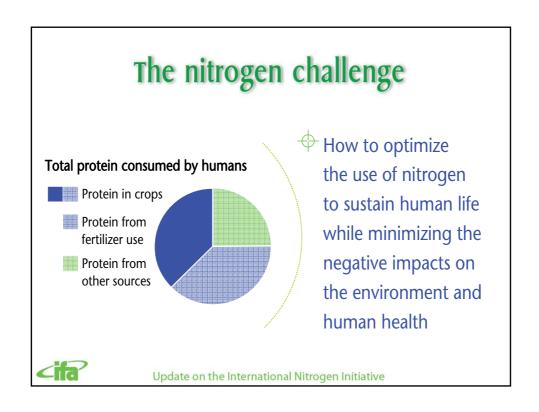


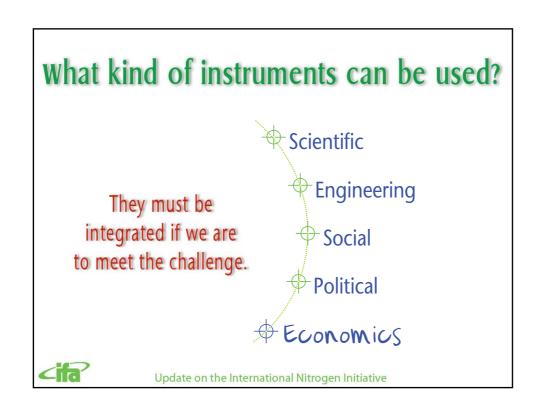












The process

The International Nitrogen Initiative uses a three-step process to move from science to design to the implementation of the right responses.

Phase I Assessment of

Knowledge

Phase II
Identification of Solutions

Phase III
Implementation of
Solutions



Update on the International Nitrogen Initiative

Major outcomes to date



N Fertilizer Rapid Assessment

- Efficiency of fertilizer N use
- Role of emerging technologies
- Pathways of N loss and their impacts
- Societal responses

Executive Summary (online) and scientific synthesis monograph





Update on the International Nitrogen Initiative

Workshop on quantifying denitrification

- Evaluating the state of knowledge in various ecosystems
- Comparing methodologies from different scientific disciplines
- Charting current weaknesses and actions needed



Final Report (online)





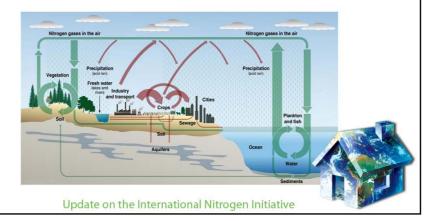
Follow-up to the Nanjing Declaration

- Forwarded to the United Nations Environment Programme (UNEP)
- Resolution expected to be submitted to the 2007 UNEP Governing Council
- UNEP / Woods Hole Research Center policy workshop



Millennium Ecosystem Assessment

Highlighted nitrogen as one of the major issues that is not getting enough attention





Convention on Biological Diversity



- CBD Ad Hoc Technical Expert Group on Indicators for Assessing Progress towards the 2010 Biodiversity Target
- Nitrogen deposition indicator and related methodology
- Development of an N use efficiency indicator
- P to be included in the analysis?
- To be linked to info on rivers, wetlands and dead zones?



Consequences of industrial animal production

- Consequences of current food consumption: trade in virtual water, energy and nutrients
- Conference on "Livestock in a Changing Landscape" during the last quarter of 2006
- Possibility of a workshop on the contribution of animal production to alterations in the N cycle





4th International Nitrogen Conference

- ◆ BRAZIL 2007
- First organized totally under auspices of INI
- Hosted by the Latin American Nitrogen Centre



Update on the International Nitrogen Initiative

Workshops on the horizon



- A Review of Anthropogenic Nitrogen Impacts on the Open Ocean
- Nitrogen and Human Health



Conclusions

- Momentum continues to build around the challenge of managing the reactive N accumulating in the environment.
- Opportunities to engage at regional and national levels are multiplying.
- The fertilizer industry MUST be engaged to favour good policy-making.
- Helping manage unwanted impacts from our industry's products preserves a favourable operating environment.

