

Wilfried Winiwarter, Albert Bleeker (co-chairs)



Task Force on Reactive Nitrogen

Expert Panel on Nitrogen Budgets

EPNB-3 Prague, May 11, 2010

EPNB Agenda



-
- Reports from related activities
 - Country budgeting reports
 - Status of N-budgeting guidelines
 - Status of farm level budgets and their relationship to options as presented in Annex IX
 - Work plan 2009/10: open items
 - Work plan 2010/11
 - Joint sessions with EPMAN, EPNF

EPNB and Gothenburg protocol revision



- Request of WGSR to TFRN regarding support for Gothenburg protocol submission: Annex IX and Guidance Document

Annex IX



B. → Nitrogen management, taking account of the whole nitrogen cycle¶

¶
3. → Each party shall ensure that all available on-farm nitrogen sources (e.g., manure, crop residues, biological fixed nitrogen and atmospheric deposition) and external nitrogen inputs (e.g., mineral fertilizers, composts, manures) are used effectively. For that purpose, each party shall ensure that nitrogen input-output balances are used on representative (demonstration) farms, one year after entry into force of the revised protocol. These input-output balances shall be used to verify a relative improvement of {30% (option A); 20% (option B); 10% (option C)} of the nitrogen use efficiency on these farms, over a five-year period. The improvement shall continue under a continuous program until a level of high efficiency is achieved (as specified in the guidance document V adopted by the Executive Body at its seventeenth session (decision 1999/1) and any amendments thereto). Parties shall, based on the experience gained with the methods applied on demonstration farms over the first five years after entry into force of the revised protocol, ensure that these methods are implemented at least in all large farms (see Annex A, B for definition of sizes) within a further 5 years.¶

EPNB and Gothenburg protocol revision



- Request of WGSR to TFRN regarding support for Gothenburg protocol submission:
Annex IX and Guidance Document
- Definitions and descriptions on farm level:
 - Nitrogen use efficiency (NUE)
 - N surplus (nitrogen input-output balances, NIOB)
 - Level of high efficiency
- What can EPNB contribute?