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Task Force on Reactive Nitrogen

Expert Panel on Nitrogen Budgets

EPNB-4 Paris, October 29, 2010

EPNB Agenda

Morning session: EPNB, OECD and Eurostat



- Introduction
EPNB and its status after the meeting in Prague
TFRN-5 and “costings” workshop (Wilfried Winiwarter)
- OECD indicators (Kevin Parris)
- Overview on the Eurostat project DireDate (Anne Miek Kremer)
- Budgets and balances: potential for extension of existing approaches (Albert Bleeker, leading into general discussion)
- Best practice examples of N budgets – where countries need them. Which information should EPNB request from countries, supporting (and adding to) OECD's and Eurostat's data collection activities? (Wilfried Winiwarter, leading into general discussion)

EPNB Agenda

Afternoon session: developing national budgets



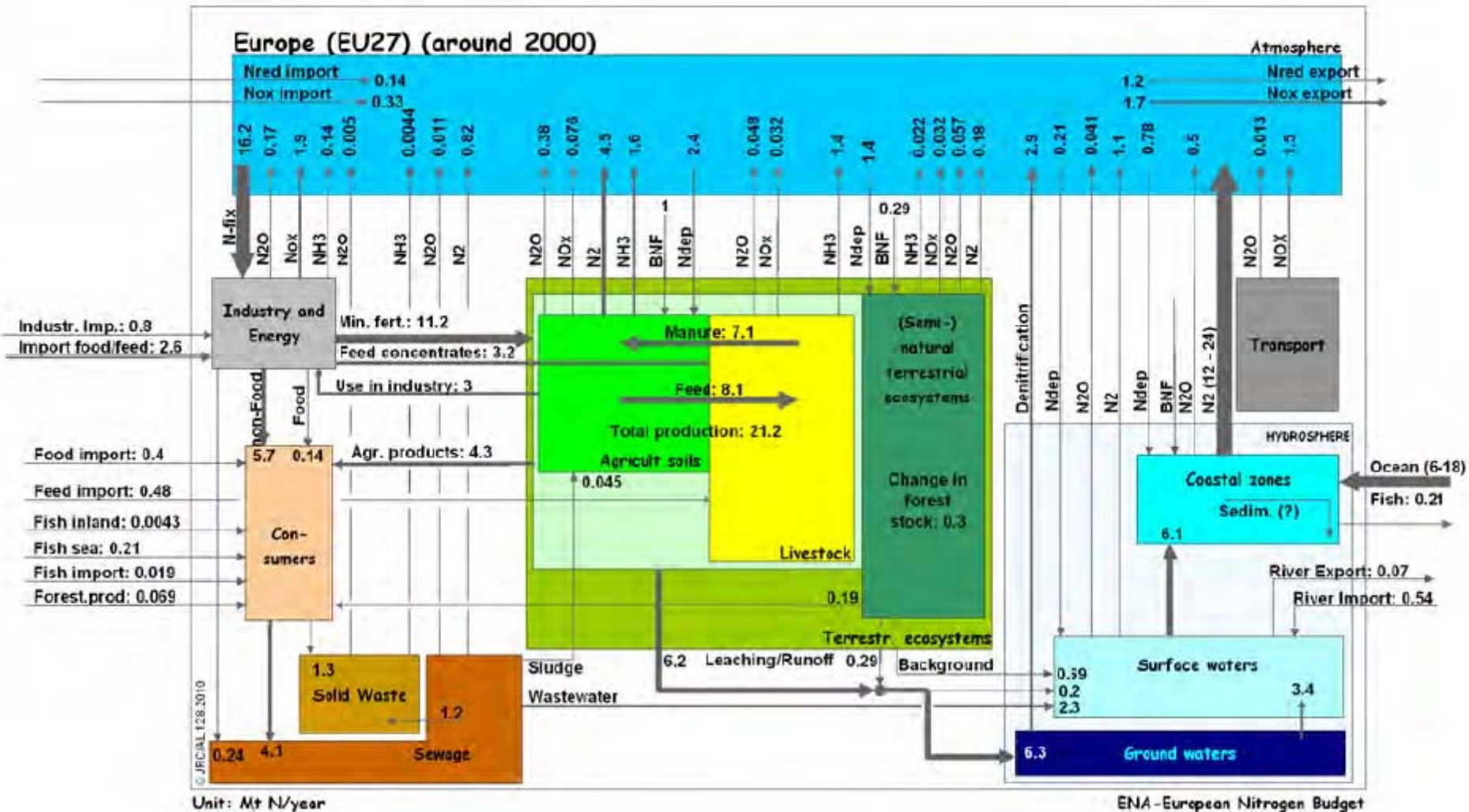
- Status of data template (Adrian Leip)
- Guidance document for Excel Tool - who can contribute? (general discussion)
- new country results (e.g., CH, DE, CA), ad-hoc presentations
- AOB

The Expert Panel on Nitrogen Budgets



- Set up under the Task Force on Reactive Nitrogen
- Mandate:
 - support the integrative ambition of TFRN by collecting overarching / independent information
 - support specific budgeting issues of TFRN

EPNB activities



EPNB activities



- ENA presentation in Edinburgh, April 11-15, 2011
- Conference “Nitrogen and Global Change” ,
<http://www.nitrogen2011.org>
- Special session “Nitrogen budget approaches”
(abstract Deadline: December 1)
- TFRN-support:
Annex IX
- Possibility of adding budget-related requests to EMEP reporting obligations has been discussed at WGSR. There is a possibility to include extra requests when properly communicated to EMEP and CEIP, but not before 2015.

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.¶

TFRN5, Paris, October 27, 2010



- Gothenburg protocol revisions
- Main focus on "Annex IX" and guidance document
- Three "ambition levels" for ammonia abatement in Europe (A, B, C)
- Cost assessment for measures defined under these ambition levels is required
- "Costing" workshop to assess, compile and update information on costs of individual abatement measures (Oct. 25-26)

AOB



Next EPNB meeting

- Edinburgh, April 11-15, 2011
- Rome, May 10 or 13, 2011 – with TFRN

Work plan

- Liaise with Eurostat, OECD
- Follow up!
- Calculation template
- Guidelines

