

National Nitrogen Budgets in INMS

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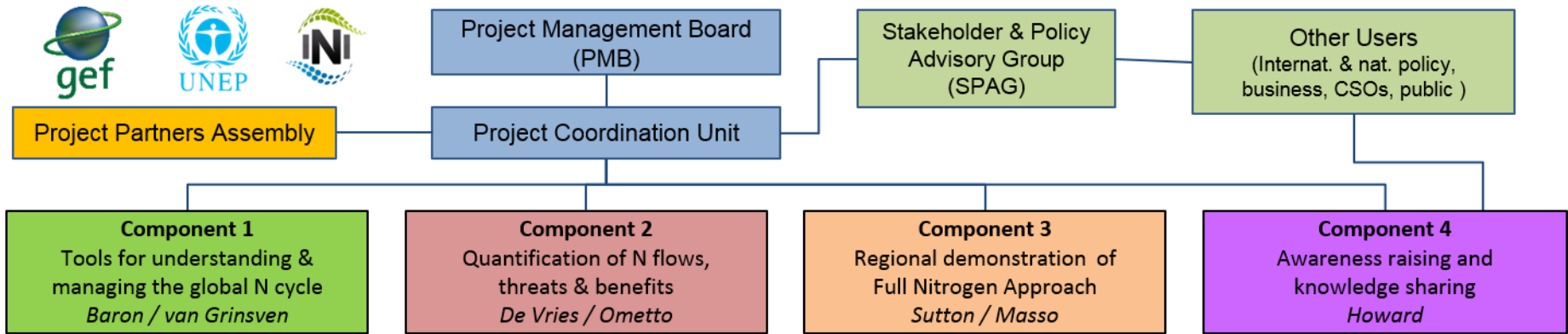
A GEF funded project
(GEF = Global Environment
Facility)

Implementing agency: UN Environment

Executing agency: INI (CEH)

Overall coordination: Mark Sutton, CEH

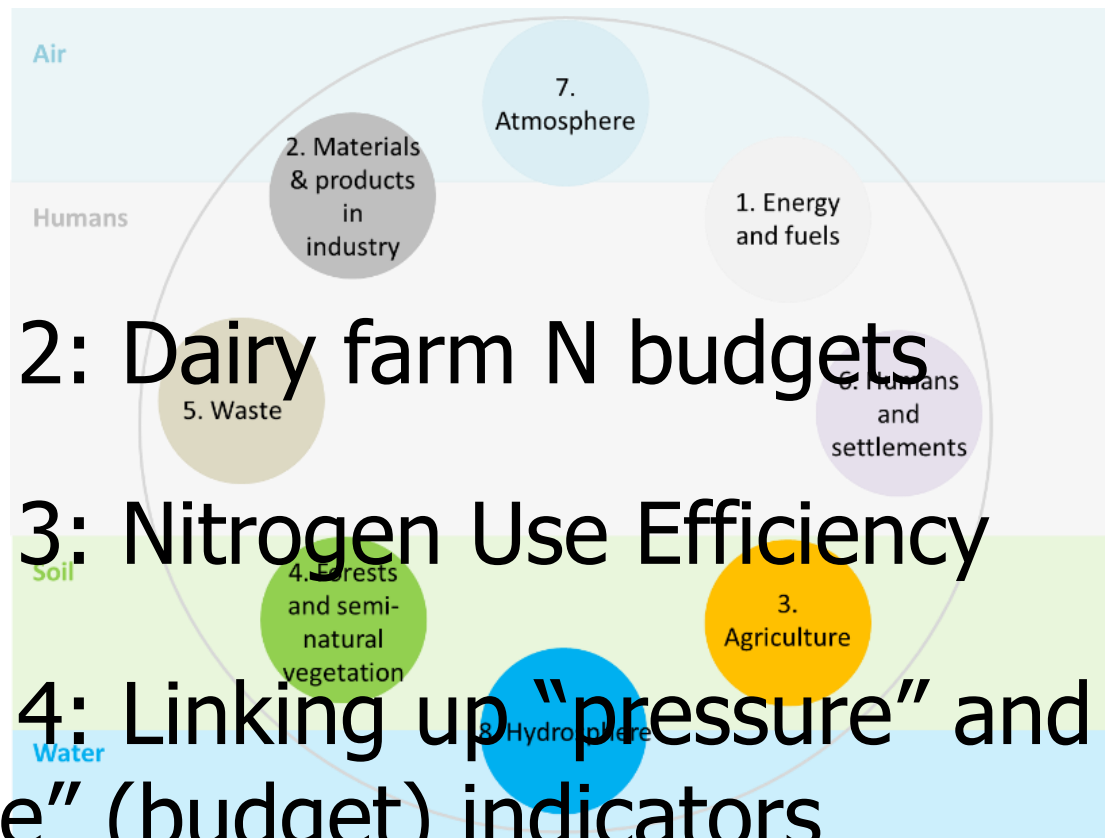
Structure



- More than 70 partner institutions
- A 6M USD project, 54M USD co-financing (nominal)
- Six regional demonstrations
- 4 components, each consisting of
 - ~5 activities
 - ~4 tasks

Indicators (A1.1)

- Task 1: National N budgets



- Task 2: Dairy farm N budgets
- Task 3: Nitrogen Use Efficiency
- Task 4: Linking up “pressure” and “state” (budget) indicators

Methods

- NNB Guidance Document (annexes)
 - Independent assessment of flows
 - Discrepancies lead to create new knowledge
 - Science oriented
- CHANS model (Gu et al., 2015)
 - Consistent model results
 - Robust “fit”, as much as underlying assumptions are correct
 - Application to China, Japan, S-Korea

More information:

<http://www.inms.international>