Nitrogen Dating

- INMS is about relationships!!!!
- Building relationships and supporting them
- Before we can begin the 'engagement' we need to find out a little more about each other
- INMS is about developing a process, about taking a journey together
 - Need a map
 - Need some places to go.....

Nitrogen Dating

- INMS has four components
- We have multiple stakeholders, of various types
- We have regional differences and common global goals
- Need to think about how to engage in the project AND with other partners in the project
- Outcomes, objectives, activities, demonstration areas, partners
- Research, policy, data needs, model needs, communication strategies

The BIG picture -'system' -way of visualising the project

A problem... .. and the potential solutions



FLAG Fluxes, levels and assessments group

What N is out there – and where is it? Multiple N sources, local to global scale activity



STAG Sustainability and threats and assessment



Why do we need to worry about N? Specifically - the data to back it up.

BID Budgets and Indicators Development

How can we quantify the problem in a meaningful and measureable way which allows us to develop necessary actions?



CBAG Costs & Benefits Assessment Group



What will all of this cost? If we do something.... And if we don't?

STORG Societal and technological responses group

Identified N FLAG STAG **N Fluxes**, Levels **Extent of threats** -Too much & Distribution - Too little Biodiversity, Food & BID **Development of** Indicators Hydrological, **Biological & Budgets & balances** meteorological & biobiogeochemical geochemical models models CBAG PANS Valuation of **Monitor Progress** System & Integrated Scenarios benefits & Assessment Models & Goals Successes & limitations threats - Food, Energy & **Programs & Policy Options Evaluation of barriers** to change **Options for** Action -New Technologies -Efficiency measures **Information exchange** -Citizens choices **Technical support to GPA** with other science-policy -Report status & trends New technologies & processes & stakeholders: -Options with costs-benefits other options; Inc. reporting of co-benefits to -Successes & barriers UNEP, CBD, IPCC/FCCC, IPBES, Pilot Demonstration FAO, WHO, UNECE and other STOAG -Technical advice regional conventions etc

Let's think creatively about what we can do to change the situation PANS Policies and analysis of nitrogen synergies

Joining up the dots... What are we doing about N? Who? What could we do better? Why hasn't it worked in the past? How do we take this information forward?



Nitrogen Dating

- 6 working group stations
 - Don't forget!
 - Engage with the project
- Name/organisation
- BUT you may not post until you have spoken to someone else!

Moderator for each board – give a short 2 minute report- hot topics, general impressions