Global Partnership on Nutrient Management

Update for the TFRN – 4,
Prague, 12-13 May 2010
Outline

• What is the GPNM?
• Roadmap 2010 and further
• Opportunities for cooperation between TFRN and GPNM

GLOBAL PARTNERSHIP ON NUTRIENT MANAGEMENT (GPNM)

THE GPNM HAS BEEN LAUNCHED DURING THE 17TH SESSION OF THE UN COMMISSION ON SUSTAINABLE DEVELOPMENT (UN CSD) IN NEW YORK ON 6TH MAY.

Nutrients, such as nitrogen, are a key part of defining food security and sustainable development. But excessive and inefficient practices leads to nutrient over-enrichment, causing soil acidification, groundwater pollution, and the overfishing of marine and coastal ecosystems and the services and livelihoods they support.

Nutrient creation by human activities is projected to expand due to increases in population, food production, urbanization, not least in coastal areas, changes in diets and globalization of agricultural trade. On a business as usual scenario, problems associated with nutrient over-enrichment will accelerate as demand for food doubles over the next 25-50 years and growing coastal populations produce more wastewater.
What is the GPNM?

Rising demand for energy and food

Nutrient management

Adverse environmental impacts

Concerted action

On the ground interventions

Assessment

Political buy in

International cooperation

Global advocacy

Communicating impact
What is the GPNM? – History

Launch at the CSD 2009 – sustainable agriculture
First Partnership meeting in October ‘09, The Hague, NL
Side event CSD 2010 – sust. production and consumption
What is the GPNM? – Goals

Help developing countries improve nutrient management by

• Provide access to better information, best practices, training and other capacity building tools
• Facilitate and design cost-effective on the ground interventions
• Foster strengthened assessment and analysis
What is the GPNM? – Functioning

• Open to all
• Making full use of a web based platform
• Provide a place for nutrient stakeholders to network and build common interests
• For the moment emphasis on process and communication, trigger for political action
What is the GPNM? – Partners

**Stakeholders**
- IFA
- FIPA

**International Organizations**
- Food and Agriculture Organization of the United Nations
- SAI
- Marine and Coastal Resource Research Center, Thailand
- Indian Nitrogen Group

**Governments**
- Italy
- Brazil
- European Union

**Scientific community**
- United Nations Environment Programme
  - Global Programme of Action for the Protection of the Marine Environment from Land-based Activities
- UN-Habitat
- UNESCO
- United Nations Educational, Scientific and Cultural Organization
- Intergovernmental Oceanographic Commission

*TFRN – 4, 12-13 May, Prague*
Roadmap 2010+ - Action Programme

**Web platform**
Loading of existing information on website
General information about the Partnership

**Develop information baseline**
Synthesis of current i) knowledge and ii) adopted implementation and capacity building approaches
Finalization of foundations document

**Development of a policy toolbox**
Compile policy toolbox based on information and existing tools
Select a and apply to demo region
Identify sites for IOC/UNESCO watershed model
Roadmap 2010+ - GEF project

• GEF project is a way to trigger political action mechanisms for improved nutrient management across countries
• Approval during GEF assembly meeting, support needed!
• Will start in 2010 and be finished in 2014
• Components:
  o Quantitative analysis of relationships between nutrient sources and impacts
  o Analysis of scientific, technological and policy options to improve coastal water quality policies
  o Pilot testing of the use of the source-impact guidelines and the Policy Toolbox in the development of nutrient reduction strategies
Roadmap 2010+ - Meetings

- African stakeholder consultation
- Asian consultation
- CBD
- GPNM meeting at N2010, Delhi (www.N2010.org)
Cooperation between TFRN and GPNM

• Assessment work at global scale
  o Input from the UNECE region
  o Authorization
  o Priorities and scope
• Nitrogen and climate linkages
• Partners
What is the GPNM? – History

- Nitrogen cascade
What is the GPNM? – History

Sources of DIN export variation
(Single largest source)

From: Dumont, Harrison, Kroeze, Bakker & Seitzinger GBC 2005