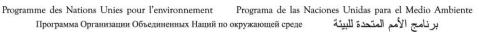


UNITED NATIONS ENVIRONMENT PROGRAMME







联合国环境规划署

Global Partnership on Nutrient Management (GPNM) Proceedings of the 6th Steering Committee meeting

February 4th 2016

Laugna Lake Development Authority (LLDA)
Manila, Philippines

Overview

The Global Partnership on Nutrient Management (GPNM) was launched in 2009 to address the global challenges faced by the mismanagement of nutrients and nutrient over-enrichment. It is a global partnership of governments, scientists, policy makers, private sector, NGOs and international organizations. It responds to the 'nutrient challenge' - how to reduce the amount of excess nutrients in the global environment consistent with global development. The GPNM reflects a need for strategic, global advocacy to trigger governments and stakeholders in moving towards more efficient and effective nitrogen and phosphorous use and lower losses associated with human activities. It provides a platform for governments, UN agencies, scientists and the private sector to forge a common agenda, mainstreaming best practices and integrated assessments, so that policy and investment responses/options are effectively 'nutrient proofed'. The GPNM also provides a space where countries and other stakeholders can forge more co-operative work across the variety of international and regional fora and agencies dealing with nutrients, including the importance of impact assessment work. The work of the GPNM is advanced by a Steering Committee, a sub-set of the Partnership members and is supported by the GPA Unit of the Marine and Coastal Ecosystems Branch of the Division of Environmental Policy Implementation of UNEP, which serves as the Secretariat to the Steering Committee.

The 6th meeting of GPNM Steering Committee was convened on 4th February 2016 following the convening the 4th Project Steering Committee (PSC) meeting of the GEF-Global Nutrient Cycling Project at the Laguna Lake Development Authority headquarters in Quenzon City, Manila, Philippines. The meeting focused on updates on recent work of GPNM Task Teams, updating progress in the development of the full-sized GEF-INMS Project proposal and rotation of the GPNM Chair.

Participants:

Christopher COX GPNM Secretariat, UNEP/GPA

Greg CROSBY National Program Leader National Institute of Food and Agriculture,

USDA

Sasha KOO-OSHIMA Senior International Water Policy Advisor Office of Water, Environmental

Protection Agency (EPA)

Yuelai LU Head of the Secretariat UK-China Sustainable Agricultural Innovation

Network

Arnoud PASSENIER Value Chains Sustainable Innovations, Ministry of Environment,

Netherlands

Ajit PATTNAIK Chilika Development Authority

N. RAGHURAM Indian Nitrogen Group

Roland SCHOLZ Fraunhofer Institute for Interfacial Engineering and Biotechnology

Mark SUTTON (via telecon) Environmental Physicist Centre for Ecology & Hydrology

Invited

Nancy BERMAS-ATRIGENIO PEMSEA Resource Facility

Albert BLEEKER Netherlands Environmental Assessment Agency
Lex BOUWMAN Netherlands Environmental Assessment Agency

Henrik ENEVOLDSEN IOC-UNESCO

Gil JACINTO University of the Philippines, Marine Science Institute

Adrian ROSS PEMSEA Resource Facility

Adelina SANTOS-BORJA Laguna Bay Development Authority

Sara WALKER World Resources Institute
Isabelle VANDERBECK UNEP-GEF International Waters
Milcah NDEGWA GPNM Secretariat, UNEP/GPA

GPNM 6th Steering Committee Meeting Proceedings

Welcome remarks and agenda review

Welcome Remarks: Dr. Greg Crosby, National Program Leader, Sustainable Development, USDA National Institute of Food and Agriculture and GPNM Chair

Dr. Crosby welcomed the meeting participants and the GEF-GNC Project partners and expressed thanks for the continued support of all to the work of the GPNM.

Review of the Minutes of the 5th Steering Committee meeting

Dr. Crosby invited the GPNM Secretariat (Dr. Cox) to provide a status update on the action points from the last steering committee meeting. The following are the update on the various action points:

	Decision for action	Lead responsibility	Update
	GEF-GNC Project		
1	Steering Committee members to	Secretariat (Project	Some SC members have submitted;
	submit bios for the website	Manager)	several still outstanding
2	Consult with Isabelle Vanderbeck on	Secretariat (Project	Discussed within the 4 th GNC Project PSC
	the format for the close-out	Manager)	meeting. Agreement that this should be
	conference and the final steering		convened in early 2017 (refer to
	committee meeting.		minutes).
3	Establish a sub-committee determine		Discussed in the 4 th GNC Project PSC
	options for raising resources for the		meeting (refer to minutes)
	internal UNEP project		
4	Look at the project budget and advise	Phosphorus Task team	No decision made; no further action.
	on whether a publication on	(led by Passenier,	Discussion within meeting agenda
	phosphorus can be produced (along	Sutton)	
	lines of Our Nutrient World). Draft a		
	concept note/proposal and consider		
	approach to the Government of the		
	Netherlands for funding (linked to the		
	Phosphorus Task Team action below)		
	GEF-INMS Project		
5	Circulate INMS project proposal draft	Sutton	Update to be provided within this
			meeting (see below)
	Task Team support		
6	Policy Task Team: Schedule a	Crosby	Update to be provided within this

	Decision for action	Lead responsibility	Update
	teleconference with Mark, Greg, Chris		meeting (see below)
	in preparation of UNEA resolution		
7	Toolbox Task Team: Steering	Secretariat (Project	Decision conveying agreement at 4 th
	Committee to consider the allocation	Manager)	GNC Project PSC meeting (refer to
	of US\$10,000 under GNC Project for		minutes).
	the upgrading of the nutrient		
	management toolbox (calculator		
	component)		
8	Phosphorus Task Team: Circulate PTT	PTT and Secretariat	Done
	meeting minutes to the Steering		
	Committee when available		
9	Communications Task Team: Finalize	CTT and Secretariat	No further work by Task Team;
	the draft communications strategy for		challenges in following on. This task will
	circulation to the Steering Committee		be completed by Secretariat.
	Rotation of GPNM Chair		
10	Draft a proposal for rotation of the	Crosby, Secretariat	Update to be provided within this
	GPNM Chair		meeting (see below)

The Secretariat reported that arrangements are being put in place to support the development of a Massive Open Online Course (MOOC) on nutrients and wastewater management in a joint collaboration between the GPNM and the Global Wastewater Initiative (GW²I).

GPNM Task Team updates

1. Policy Task Team

Dr. Sasha Koo-Oshima, Senior International Water Policy Advisor, Office of Water, Environmental Protection Agency (US-EPA)

- Key events and initiatives of note of relevance to GPNM policy support include the OECD Reactive Nitrogen Project, Water Governance Initiative, implementation of the SDGs, the United Nations Environment Assembly (UNEA) in May 2016, the 20th Anniversary of the GPA, the approval and implementation of the GEF-CReW+ Project (Caribbean) and the Our Oceans Conference in September 2016.
- Have been involved in the development of EPA policy reports, WHO DW Guidelines (HABs) and the UNEP WQ Guidelines.
- Engaged in an on-going OECD Study; Human Impacts on the Nitrogen cycle, with focus on economic aspects and the environmental impacts of nitrogen flows on air, land and water. A U.S. Case Study is on the 'Nitrogen Cascade and Unintended Consequences in Conservation'.
- In the US consideration is being given to Concentrated Animal Feeding Operations (CAFOs) to meet a nutrient standard for land application. Ammonia emissions have increased by 3.4%, mainly because more land is receiving manure.
- Implementation of actions to meet Sustainable Development Goal 14 associated with oceans pollution will be significant to the work of the GPNM and the Global Wastewater Initiative (GW²I).

- The US State Department's Our Oceans Summit will draw attention to nutrient pollution. There are other fora that will pay attention to nutrient pollution. These include the GEF-CReW+ Project's next meeting in February will look at wastewater infrastructure financing mechanisms, the 4th IWA International Wastewater Symposium in September that will consider wastewater technologies, and IFA's Annual Conference in May on nutrient stewardship. The 7th International Nitrogen Initiative Conference will take place in December in Australia. This year is the 20th anniversary of the GPA; an anniversary event was hosted in November 2015 in Washington D.C.
- The 2nd UNEA in May will consider resolutions from the EU on Oceans, from Japan on the sound management of chemicals and waste, from the US on food waste, and from Norway on marine debris (plastics).
- In the United States notable actions include recommendations from the Hypoxia Task Force to reduce the areal extent of the Gulf of Mexico hypoxic zone to less than 5,000 km² by 2035. An interim target of a 20% nutrient load reduction by the year 2025 is being set as a milestone.

Refer to presentation in Annex.

2. Nutrient Use Efficiency Task Team

Dr. Christopher Cox, UNEP/GPNM Secretariat - on behalf of Dr. Terry L. Roberts

- The NUE paper by the Task Team has been very useful in offering directions that can be backed by the GPNM. This document has been shared with the US State Department where it has generated interest.
- There should be opportunities for the development of communications products (e.g. 2-pager formats) around the paper.
- The GPNM may consider the development of a P use efficiency indicator mindful of the fact that there may already be existing literature out there. This will need to be looked into.

3. Partnership Task Team

Dr. Greg Crosby, National Program Leader, Sustainable Development, USDA National Institute of Food and Agriculture

- Recognized the World Resources Institute as the newest GPNM partner.
- Active work continues on strengthening of the regional nutrient platforms as the primary avenues
 for reach of the GPNM to the country level. The Regional Seas Programmes are recognized to be
 important existing inter-governmental mechanisms that should be used to promote the regional
 platforms. This approach was agreed to at the Asia nutrient platform meeting held in Vietnam in
 November 2015.
- The aim is to get countries, through these mechanisms, to submit designates to the platforms. Representative members from these regional platforms then should sit on the Steering Committee of the GPNM; e.g. 2 or 3 reps from Asia, 1 from the Caribbean, 1 from Africa and so on.
- Partners are encouraged to solicit interest from more organizations to join the GPNM.
- The launch meeting of an Africa GPNM platform is being considered tentatively for July 2016.

Discussion points:

<u>Passenier</u>: The government of the Netherlands has been opening up collaboration with Brazil in terms of investment solutions. There has been a compilation of case studies around the circular economy that includes nutrient management.

5. Phosphorus Task Team

Arnoud Passenier, Ministry of Environment, Netherlands

- The first GPNM Phosphorus Task Team meeting, held in Edinburgh in September 2015 was well-attended with representation by key partners in the phosphorus management agenda.
- There was much good discussion at the meeting but prioritization of the task team agenda is needed.
- In moving the agenda of the task team forward it was recognized that the differences between the cycles of phosphorus and nitrogen must be considered; specifically (i) excess use of P has consequences for soil and water, not for air quality and climate, (ii) phosphorus builds up in soil after long time application while nitrogen does not, and (iii) P is mined and is thus a finite resource, whereas N can be infinitely generated provided enough energy.
- The main pillars plan of action for the PTT for 2016 were agreed as follows:
 - Promoting healthy rivers, lakes and oceans by reducing wastage P in whole value chain: Less in feed, food, detergents, recover/recycle P from WWTP, animal manure & bones, organic waste households/industry.
 - Securing sustainable access farmers to phosphorus fertilizers: Innovations & indicators: high productivity & cheaper (recycled) P-fertilizers.
 - Promoting soil health/fertility and productive agriculture: Optimizing LT soil fertility, P storage in soil good/bad?
 - o Promoting healthy diets for the global population: Some studies suggest that excess P can have adverse effects on health (e.g. kidney disease).
- The PPT should not seek to duplicate but build on existing work and must focus on influencing agendas, specifically in government policy, the innovation agenda for industry and the knowledge agenda for science.
- The possibility of access to funding from the government of the Netherlands is relatively low in light of recent budget cuts across government.
- There is need to involve relevant fertilizer and detergent companies in conducting research.

Refer to presentation in Annex.

Discussion points:

Scholz: There is a sense that we are going back to the start with this effort and must be mindful. Suggest a co-chair arrangement with a rep from research from a developing region, e.g. Africa where losses and efficiency are major issues. There is science in the health arena concerning phosphorus but would not necessarily place this on the top of the agenda.

6. Communications Task Team

Mr. Albert Bleeker, Netherlands Environmental Assessment Agency, Milcah Ndegwa, UNEP/GPNM Secretariat

- The Task Team managed to have three meetings, admittedly with challenges in convening.
- The areas for consideration of the task team included the reformulation of the Jim Toomey video on nutrient management, the redesign of the GPNM logo and the finalization of the communications strategy. There has been very limited progress in finalizing the communications strategy.
- The GPNM website re-design is ongoing (under support of the GEF-GNC Project).
- Five 2-page fliers highlighting various different topics around nutrient management and impacts are under development (the drafts were presented to the meeting).
- A GPNM e-newsletter is now issued every guarter.

Discussion points:

<u>Crosby:</u> The newsletter has been proving to be very effective in getting information out and raising awareness on the GPNM.

<u>Passenier</u>: the factsheets are great communication concepts.

Given that Albert Bleeker has moved to a new job position, this now presents challenges in his ability to continue to lead the task team. His replacement needs to be sought.

Update on GEF-INMS Project development

Dr. Mark Sutton, Centre for Ecology & Hydrology, Edinburgh, UK (via telecon)

- The full scale project proposal is being finalized; the GEF funding to be secured is US\$6 million with some US\$50 million in co-financing from partners.
- The four project components are (1) Tools and methods for understanding the N cycle, (2) Global and regional quantification of N use, flows, impacts & benefits of improved practices, (3) Regional demonstration and verification and (4) Awareness raising & knowledge sharing.
- INMS is supported by UNEP as the Implementing Agency and executed through NERC.
- Under Component 4 regional demonstrations will be undertaken; <u>Case 1:</u> Developing areas with excess N_r; <u>Case 2:</u> Developing areas with insufficient N_r; <u>Case 3:</u> Regions with transition economies and <u>Case 4:</u> Developed areas with excess N_r. Accordingly, the regional clusters considered are (1) South Asia: India, Sri Lanka, Bangladesh, Nepal, (2) East China Sea: China, Japan, South Korea, Philippines, (3) Lake Victoria Basin: Kenya, Uganda, Tanzania, Rwanda, Burundi, (4) La Plata: Brazil, Paraguay, Uruguay, Argentina, Bolivia, (5) Black Sea: Diester, Prut & Lower Danube. North America expected to join later.
- The project administrative components will include a Project Coordination Unit (PCU), Project
 Management Board (PMB), Stakeholder & Policy Advisory Group (SPAG) and the General Assembly
 comprising of all Funding Partners.
- Annexes for C1, C2 and C4 are now available for comment (web site); Annexes for C3 demonstrations being finalized (to be up shortly).
- Letters of support and co-financing commitments being sent by partners and the budget is being finalized.
- Final documentation is to be submitted to the GEF Secretariat within the first part of March.
- Some of the documents are already posted at www.inmsinternational.com

Refer to presentation in Annex.

Discussion points:

<u>Passenier</u>: How can we ensure effective engagement from governments? <u>Resp - Sutton</u>: this is expected to be an incremental process where governments' engagement will be stepped up over the course of implementation. Contributions from the work of the OECD and the Task Force on Reactive Nitrogen will be blended into the project. There is signal from the EU that the process must be an integrated one.

<u>Scholz</u>: The project seems to be well-designed but need to know how the process will effectively engage the various stakeholder interactions against the project goals. May perhaps call for a specific group to look at the methodologies for this.

Rotation of GPNM Chair

Dr. Greg Crosby, National Program Leader, Sustainable Development, USDA National Institute of Food and Agriculture

- The Secretariat is to prepare a Terms of Reference (ToR) for the GPNM Chair.
- There are some members on the GPNM Steering Committee in capacity as government representatives who can be considered eligible for consideration; Ajit Pattnaik, R. Ramesh, Sasha Koo Oshima, Arnoud Passenier and Fusuo Zhang.
- It is recommended that the Chair now rotates to representation from the Asia region.
- A Nomination Committee (NC) to manage the selection process (supported by the Secretariat) was
 recommended. The NC is composed of representation from the main stakeholder groups on the
 GPNM; industry, academia and NGOs. In this regard, the members delegated to serve of the NC are
 Patrick Heffer, N. Raghuram and Yuelai Lu. Yuelai Lu was designated to lead the NC.
- The NC is to solicit potential candidates.
- It was recommended to complete the process with nomination of a new chair before the GEF-International Waters Conference in Sri Lanka in May.

Closing remarks

Dr Crosby expressed his deep thanks for all the support he has received from GPNM colleagues during his tenure as Chair over the past 3 years and for having been given the opportunity to lead such a great team, and declared the meeting closed.

Summary action list

	Decision for action	Lead responsibility	Timeframe
	Task Team support		
1	NUE Task Team: Develop concepts for information leaflets/brochures	T. Roberts	As soon as practical
2	NUE and Phosphorus Task Teams: Consider whether P indicator development is needed	T. Roberts, A. Passenier	Not defined
3	Partnership Task Team: Continue effort to widen partnership membership (government and non-government)	Secretariat	ongoing
4	Communications Task Team: Replace A. Bleeker as head of Task Team	CTT and Secretariat	Immediately
5	Communications Task Team: Finalize the draft communications strategy for circulation to the Steering Committee	CTT and Secretariat	Not defined; as soon as possible
	Rotation of GPNM Chair		
6	Finalize ToRs for Chair	Secretariat	Immediately
7	Solicit expressions of interest from potential candidates	Nominations Committee	March into April



UNITED NATIONS ENVIRONMENT PROGRAMME

Programa de las Naciones Unidas para el Medio Ambiente Programme des Nations Unies pour l'environnement Программа Организации Объединенных Наций по окружающей среде



برنامج الأمم المتحدة للبيئة

联合国环境规划署

Agenda

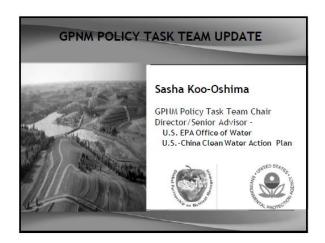
Global Partnership on Nutrient Management (GPNM) 6th Steering Committee meeting

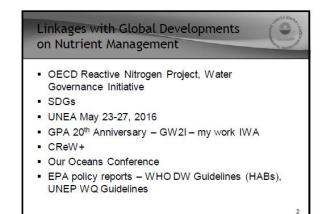
Date: 4th February 2016

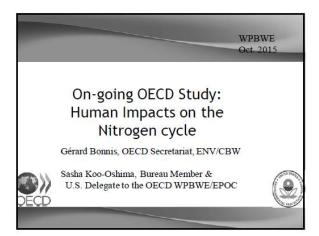
Venue: LLDA Headquarters, Manila, Philippines

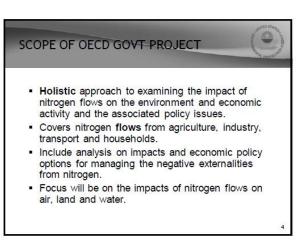
13:30-14:00	ssion 9. GPNM Steering Committee dialogue :30-14:00 9a) Review of minutes from last meeting (October 2015)		
14:00-16:30	9b) GPNM Task team updates	Policy - Planning for UNEA 2 – organizing for a side-event	Sasha Koo-Oshima, US- EPA
		NUE - paper publication and further outputs; update on SDG indicator contribution	Christopher Cox, UNEP
		Partnership - new/priority members; outreach to countries; Regional nutrient platform strengthening – Asia, Caribbean, Africa	Greg Crosby, USDA- NIFA; Christopher Cox, UNEP
		Toolbox development - focus on the training for IWC8, expectations and format (main elements covered in prior agenda)	Chuck Chaitovitz, GETF via teleconference
		Phosphorous - outcomes of the Edinburgh meeting; focus on elements of the draft work plan	Arnoud Passenier, Gov't of the Netherlands
		Communications - update on comms products; discussion on successor to lead task team	Albert Bleeker, PBL; Milcah Ndegwa, UNEP
16:30-17:00	9c) Update on GEF-INMS Project development	Overview of accomplished work on the development of the full-sized project; outstanding matters and outlook	Mark Sutton, CEH <i>via</i> teleconference
17:00-17:30	9d) GPNM Chair rotation	Presentation of proposal for rotation of the GPNM Chair; open discussion toward consensus	Greg Crosby, USDA- NIFA
17:30-17:45	9e) Upcoming events	Identification of upcoming events for 2016 the GPNM may participate/contribute to.	Steering committee contributions
17:45-18:00	Wrap up and reflections	Summary of day's proceedings and main conclusions	Greg Crosby, USDA- NIFA

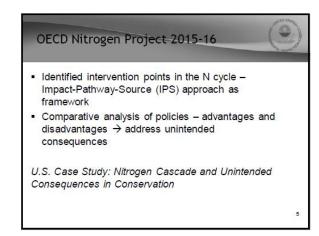
Annex - Presentations

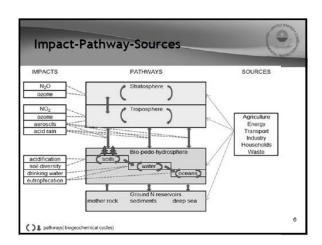


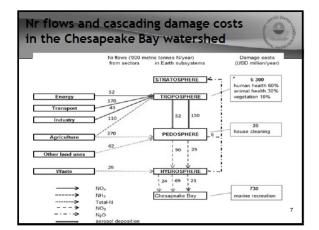












Watershed & Airshed N Cycle Policy Considerations - ongoing effort

U.S. Case Study: Nitrogen Cascade and Unintended Consequences in Conservation

Concentrated Animal Feeding Operations (CAFOs) to meet a nutrient standard for land application to keep nitrates out of ground and surface water → more land is required for spreading manure → Ammonia emissions increased by 3.4 percent, mainly because more land is receiving manure

В

SDG Indicators Development



- Goal 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development
- Target 14.1 By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution. This target is directly related to addressing nutrient loading into the marine environment from land-based sources that include agricultural runoff (crop and livestock production), discharge of untreated domestic and industrial wastewater – NUE, GW2I

Our Oceans Conference 2014-2016 Action Plan on Nutrients



- Numerous advances in ML programs: TFW Innovation Initiative, TFW Sister Cities, ML reduction in the Caribbean
- 2015 Action Plan: Reduce nutrient pollution to the marine environment from land-based by 20% by 2025 in order to reduce hypoxic zones and HABs
- Upcoming: Seek country-to-country partnerships on nutrient reduction commitments

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GPA 20th Anniversary



- Global Wastewater Initiative –provide information, tools and policy mechanisms to initiate comprehensive, effective programs addressing wastewater management and marine pollution; facilitate joint efforts addressing wastewater reuse, nutrient removal and biogas production, water-energy-food nexus (efficiency and conservation)
- GEF CReW+ -next meeting Feb. 15-20, 2016 Trinidad & Tobago; Wastewater infrastructure financing mechanisms
- 4th IWA International Wastewater Symposium, Sep. 17-19, Coimbra, Portugal, wastewater technologies

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Related Policy Initiatives by Partners and Governments



- IFA Annual Conference (May 30-June 1, 2016, Moscow) & SDN – nutrient stewardship SDG goal 14
- UNEA May 23-27, 2016 [EU on Oceans, sound mgmt. of chemicals & waste, Jpn: water mgmt. & tech, US: food waste, Norway: MD] 17 Resolutions & 2 Decisions
 - INMS Mark submission for side event?
- APEC Summit 2016 Climate Smart Agriculture-resource efficiencies, food security, etc. (Feb.13-20,2016 Peru)
- 7th International Nitrogen Initiative Conference (INI 2016)

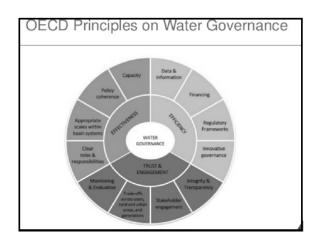
December 4-8, 2016, Melbourne, Australia

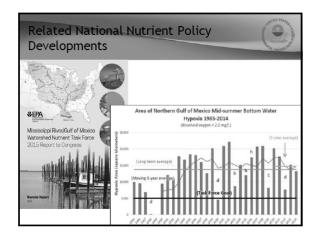
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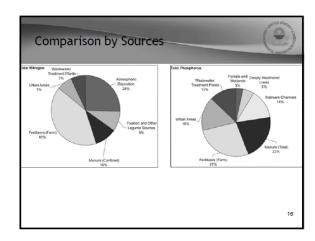
OECD Water Governance Initiative: Principles of Good Water Governance 1. Multi-level governance

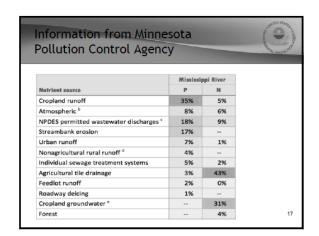
- 2. Managing water at the right scale
- 3. Policy Coherence
- 4. Capacity
- 5. Data and Information
- 6. Governance-Financing nexus
- 7. Regulatory Frameworks
- 8. Governance and innovation
- 9. Integrity and transparency
- 10. Stakeholder Engagement
- 11. Equity across users, people and places
- 12. Monitoring and evaluation

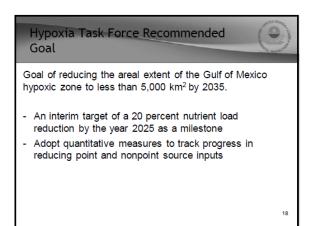
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GPNM Inaugural Meeting Phosphorus Task Team Edinburgh, Sept 2015

Short reflection on results

Arnoud Passenier



Process 15-16th of September

- · High attendance (16 stakeholders)
- · Great quality input stakeholders
- · Connection with GPRI, CEH, IPNI
- Experiences shared by ESPP and Global TraPs, new NAPPS coming up
- Good results, but...: specification and prioritization needed

Seminar NL Factfinding Mission Rio de Janeiro





Different accents P vs N

- Excess use of P has consequences for soil & water, not for air quality & climate
- P is mined and thus finite resource, access N is infinitely provided enough energy
- P builds up in soils after over application, N does not
- Different networks in policy, knowledge and industry





Seminar NL Factfinding Mission Rio de Janeiro 10-03-2015 अंद्वेर

Pillars Plan of Action PTT 2016

- Promoting healthy rivers, lakes and oceans by reducing wastage P in whole value chain
 - Less in feed, food, detergents, recover/recycle P from WWTP, animal manure & bones, organic waste households/industry
- 2. Securing sustainable access farmers to phosphorus fertilizers
 - Innovations & indicators: high productivity & cheaper (recycled)
 P-fertilizers
- Promoting soil health/fertility and productive agriculture
 Optimizing LT soil fertility, P storage in soil good/bad?
- 4. Promoting healthy diets for the global population
 - Some studies: excess P can have bad effect on health (e.g. Kidney disease)

4



Follow up

- PTT: no research, builds on existing
- knowledge in network
- No replication TaskTeams/previous work
- Action focused on influencing agendas:
 Political/policy agenda for governments
 - Innovation agenda for industry
 - o Knowledge agenda for science
- No studies, twopagers involving stakeholders; focused on specific subjects:
 - o independent & authoritative, helping decision making process

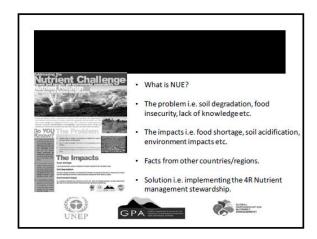


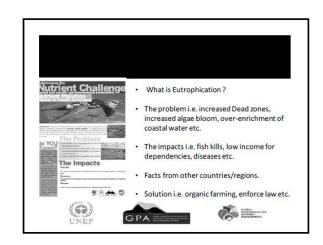
Seminar NL Factfinding Mission Rio de Janeiro

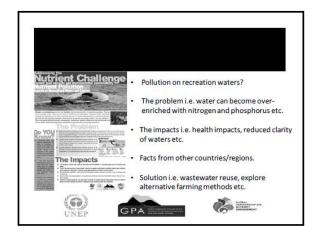
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Addressing the Nutrient Challenge Two of two traces to a communications with the communication of the communicatio





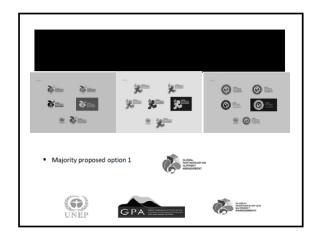






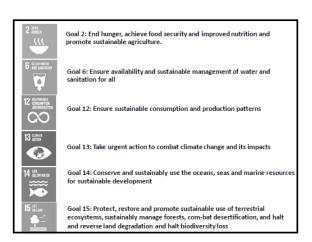








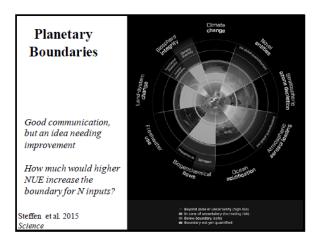




In progress To be developed by GPNM and GWI In process of selecting an institution to implement the MOOC. The MOOC is expected to be ready tentatively by August 2016. Plan to have a green room event during UNEA-2 in may 2016.

THANK YOU





Towards INMS

Global science support for international N policy development

- INMS focuses on bringing scientific evidence together to inform policies and the public on the multiple benefits and threats of reactive nitrogen and how we can all benefit by addressing it
- Being developed as an international process with funding from the Global Environment Facility (GEF)
- Builds on and links together existing nitrogen networking activities

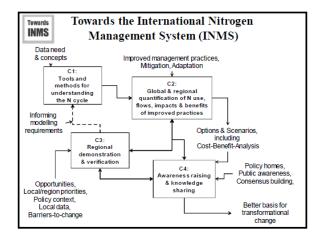


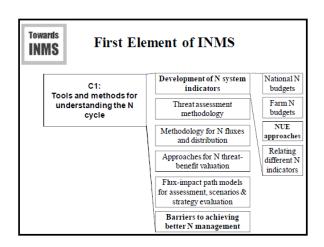


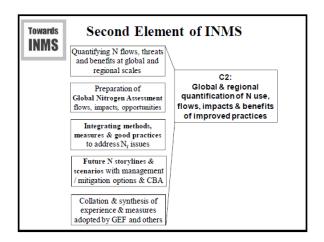
Current Funding Development

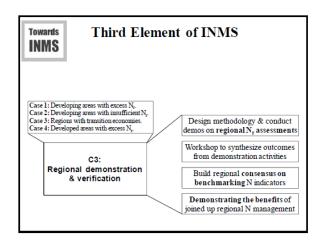


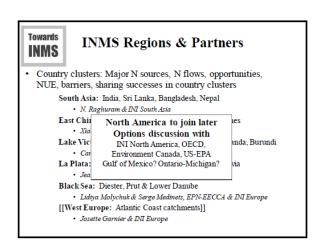
- Coordination
 - Implementation Agency: UNEP
 - Execution Agency: INI (through NERC)
- · Supporting Projects
 - GEF "INMS Project Preparation Grant" running (2015)
 - UK NERC International Opportunities Fund "INMS Pump Priming" project (2014-2017) (\$600k)
 - Proposal for full scale project being developed:
 "Towards INMS" (\$6 M + \$50 M partners)
 (Cash + Contributions in Kind)

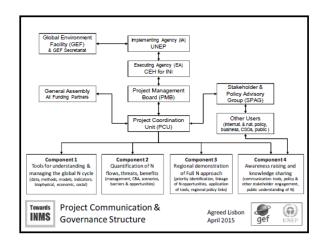


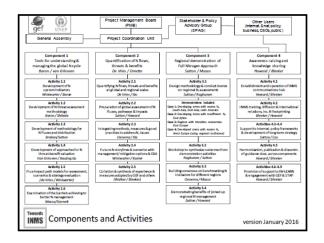


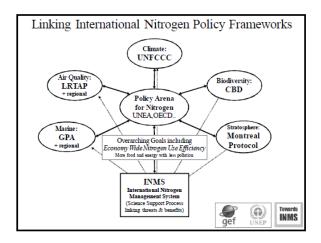


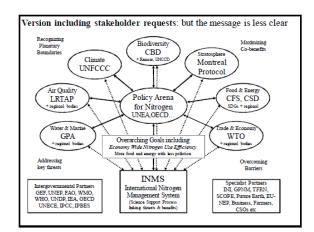












Towards INMS

INMS as a catalyst for synergies

- Newton Fund: Investing €15M in Agricultural Nitrogen UK-India, UK-China, UK-Brazil research centres.
- European Union: Call for research on closing farm nutrient cycles. The community is now developing the FarmCircle proposal on Circular Economy opportunities for better N, P & C management at farm & landscape scale (call February 2017)
- · And more on the way!





Documents and Next Steps

- · Completion of Documents.
 - Note the composition of the team: Component and Activity Leaders.
 Provisional: to be confirmed at inception by General Assembly
 - Annexes for C1, C2 and C4 now available for comment (web site)
 - Annexes for C3 demonstrations being finalized (to be up shortly)
 - Welcome suggestions, reflections (expertise, resource balance etc)
- · Letters of Support and Budgeting
 - Largely in place. More than enough
 - Budget tables being finalized
- · Next steps
 - Continue feedback from Partners
 - Final documentation submitted first part of March



