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**United Nations  
Environment  
Programme**

### High-level Segment

#### Fourth meeting of the International Nitrogen Management System

Nairobi, 29 – 30 April 2019, Conference room 1

## Detailed Agenda

DAY 1: 29 April 2019	Conference Room 1
	<b>Opening</b>
10:00 – 10:10	Session Co-chairs: Welcome. Ms Susan Gardner, Director Ecosystems Division, UN Environment, Prof. Mark Sutton, Director of the International Nitrogen Management System (INMS).
10:10 – 10:15	Opening Remarks: Nitrogen as an emerging challenge for the global environment Ms Susan Gardner on behalf of the Executive Director UN Environment.
	<b>Addressing the global nitrogen challenge</b>
10:15 – 10:25	UNEA-4 Resolution on Sustainable Nitrogen Management (UNEP/EA.4/L.16) Prof. Ramesh Ramachandran, Director National Centre for Sustainable Coastal Management, Ministry of Environment, Forestry and Climate Change, Government of India.
10:25 – 10:35	UNEP's strategic overview on nutrient management & environment, including the Global Partnership on Nutrient Management. Dr Christopher Cox, UN Environment
10:35 – 10:50	Overview of the global nitrogen challenge: towards an International Nitrogen Management System. Prof. Mark Sutton, Director of INMS.
10:50 – 11:10	Plenary discussion on the nitrogen challenge and future priorities: <ul style="list-style-type: none"> <li>• Understanding the multiple benefits of sustainable nitrogen management</li> <li>• Distinction of INMS as science process vs policy process</li> <li>• Opening views on implementing the UNEA-4 nitrogen resolution</li> </ul>
	<b>National perspectives by region</b>
11:10 – 11:15	Nitrogen challenges and opportunities for India – Mr Saurabh, Second Secretary, Indian High Commission to Kenya (tbc)
11:15 – 11:20	Perspective on sustainable nitrogen management from Sri Lanka – Ms Ishara Jayawardena, Ministry of Mahaweli Development & Environment, Sri Lanka.
11:20 – 11:25	Towards a strategic approach for nitrogen management in Germany – Dr Marcus Geupel, Umweltbundesamt, Germany.

11:25 – 11:30	Nitrogen policy in the European Union and its possible future development – Mr Sebastian Gil, Deputy Permanent Representative of the EU to UNEP
11:30 – 11:35	Benefits of integrated nitrogen management in the United States of America – H.E. Ms Lori Dando, US Permanent Representative to UNEP (tbc).
11:35 – 11:40	Perspective on sustainable nitrogen management from Ethiopia – Mr. Zerubabel Getachew, Deputy Permanent Representative of Ethiopia to UNEP.
11:40 – 12:00	Additional country interventions and general discussion on regional perspectives
	<b>Nitrogen management in international cooperation frameworks</b>
	Brief overviews on existing provisions for nitrogen management and extent of global and or regional mandates. (Each presents for 6 minutes + 4 minutes for questions after each)
12:00 – 12:10	<b>Perspective from the UN Convention on Biological Diversity</b> – Mr David Cooper, Deputy Executive Secretary of the CBD (video link)
12:10 – 12:20	<b>Perspective from the Geneva Air Convention: the UNECE Convention on Long-range Transboundary Air Pollution</b> – Ms Anna Engleryd, Chair of the Executive Body (video link)
12:20 – 12:30	<b>Perspective from the GPA: the Global Programme of Action for the Protection of the Marine Environment from Land-based Activities</b> – Mr Habib El-Habr, Programme Coordinator of the GPA
12:30 – 12:40	<b>Perspective from the Green Climate Fund</b> – Mr Kilaparti Ramakrishna, Head of Strategic Planning, Green Climate Fund.
12:40 – 12:50	<b>Perspective in relation to Stratospheric Ozone</b> – Ms Sophia Mylona, Senior Environmental Affairs Officer, UNEP Ozone Secretariat.
12:50 – 13:00	Discussion on international conventions and cooperation networks for nitrogen
13:00 – 14:00	<b>Lunch Break</b>
	<b>Progress in INMS: Science &amp; Evidence to address the Global Nitrogen Challenge</b>
14:00 – 14:10	Global sources and trends in nitrogen pollution – Prof. N. Raghuram, Chair of the International Nitrogen Initiative (INI)
14:10 – 14:30	Tools for understanding and managing the global nitrogen cycle - Dr Hans van Grinsven (Co-lead Component 1 of INMS)
14:30 – 14:50	Quantifying nitrogen flows threats and benefits – Prof Wim de Vries (Co-lead Component 2 of INMS)
14:50 – 15:10	Regional demonstration of integrated nitrogen approach – Dr Cargele Masso (Co-lead of Component 3 of INMS)
15:10 – 15:20	Awareness raising and knowledge sharing – Dr Clare Howard, Lead of Component 4 of INMS).
15:20 – 15:30	Towards a first International Nitrogen Assessment – Prof Mark Sutton
15:30 – 16:00	Discussion on science and evidence priorities <ul style="list-style-type: none"> <li>• Does the work focus of INMS match to country priorities?</li> <li>• Do countries identify key science gaps requiring increased attention?</li> <li>• What are the needs for tuning the scope and approach of the International Nitrogen Assessment?</li> </ul>
16:00 – 16:30	<b>Coffee Break</b>
	<b>Perspectives on global nitrogen management</b> (Time allocation includes time for questions)
16:30 – 16:35	Opportunities for model measurement future in improving understanding nitrogen air pollution. Dr Lorenzo Labrador, World Meteorological Organisation
16:35 – 16:40	Role of livestock in nitrogen pollution – Dr Aimable Uwizeye, UN Food and Agriculture Organisation (video link)
16:40 – 16:50	Perspective on Fertilizers for improved nitrogen management – Mr Patrick Heffer, International Fertilizer Association.
16:50 – 17:00	Overview of the report “Human Acceleration of the Nitrogen Cycle” – Mr Gerard Bonnis, Organisation for Economic Cooperation and Development (OECD).

17:00 – 17:10	Planetary boundaries and network analysis as tools to inform development of global nitrogen governance – Sarah Cornell, Stockholm Resilience Centre (video link).
17:10 – 17:20	Policy synergies and trade-offs across the nitrogen cycle, Prof. David Kanter, Vice-chair of the International Nitrogen Initiative
	<b>Implementing the UNEA-4 resolution on Sustainable Nitrogen Management</b>
17:20 – 17:25	Introduction to the discussion – Prof. Mark Sutton
17:25 – 17:55	Opening discussion (in preparation for Day 2): <ul style="list-style-type: none"> <li>• Reactions on the options for better coordination across the nitrogen policy arena</li> <li>• How to enhance inter-convention nitrogen coordination</li> <li>• Current funding and future opportunities</li> <li>• Opportunities to accelerate nitro communication</li> <li>• Training and education</li> </ul>
17:55	Final Remarks: Isabelle van der Beck, UN Environment
18:00	Close of Session
	<b>Evening Reception hosted by the UK Government</b> (Delegates Dining Room, UN Nairobi)
18:00 – 20:00	Reception to celebrate the adoption the UNEA-4 Nitrogen Resolution. Hosted by H.E. Ms. Susie Kitchens, Deputy High Commissioner and Permanent Representative of the United Kingdom to UNEP.
<b>DAY 2: 30 April 2019</b>	<b>Conference Rooms 1 and 9</b>
08:30 – 9:30	<b>Plenary Presentations on the Main INMS Components (Conference Room 1)</b>
9:30 – 10:00	Coffee Break
10:00 – 13:00	<b>Policy stream discussion on enhancing inter-convention nitrogen coordination (Conference Room 9)</b> <ul style="list-style-type: none"> <li>• Agree on future priorities</li> <li>• Possible modalities for cooperation</li> </ul>
13:00 – 14:00	Lunch Break
14:00 – 16:00	<b>Discussion and agreement on way forward (Conference Room 9)</b> <ul style="list-style-type: none"> <li>• Key points of agreement</li> <li>• Review of mandate from UNEA-4 Resolution on Sustainable Nitrogen Management</li> <li>• Summary of actions</li> </ul>
<b>DAY 3: 1 May 2019</b>	
	Technical discussions on the work programme under INMS-4 continue
<b>DAY 4: 2 May 2019</b>	
	Technical discussions on the work programme under INMS-4 continue