

# INMS-4 Agenda, Nairobi, 29<sup>th</sup> April-2<sup>nd</sup> May

UN Campus Nairobi

*Monday 29th April*

## **High-level Segment**

### **Fourth meeting of International Nitrogen Management System Conference Room 1**

**09:30-10:00: Refreshment break – available outside Conference Room 1**

10:00-13:00: High-level Segment, Fourth meeting of International Nitrogen Management System

*Chairs: Susan Gardner & Mark Sutton*

Opening addressing the global nitrogen challenge, National perspectives by region, Nitrogen management in international cooperation frameworks. Detailed agenda is supplied separately.

**13:00-14:00: Lunch break – participants are guided to use local dining facilities**

14:00-16:00: High-level Segment, Fourth meeting of International Nitrogen Management System continued

*Chairs: Susan Gardner & Mark Sutton*

Progress in INMS: Science & Evidence to address the Global Nitrogen Challenge. Detailed agenda is supplied separately.

**16:00-16:30: Refreshment break – available outside Conference Room 1**

16:30-17:55: High-level Segment, Fourth meeting of International Nitrogen Management System continued

*Chairs: Susan Gardner & Mark Sutton*

Perspectives on global nitrogen management. Detailed agenda is supplied separately.

17:55-18:00: Final remarks from Isabelle van der Beck, UN Environment

**18:00-20:00: Evening Reception (Delegates Dining Room, UN Nairobi)**

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.



## Tuesday 30<sup>th</sup> April

Plenary Session (08.30 –09.45) **Conference Room 1** Chair: Mark Sutton

### Updates on INMS – Component Overview

- 08:30-08:45: Mark Sutton, INMS Status Update
- 08:45-09:00: Hans van Grinsven, Component 1
- 09:00-09:15: Wim de Vries & Jean Ometto, Component 2
- 09:15-09:30: Cargele Masso, Component 3
- 09:30-09:45: Clare Howard, Component 4

**Refreshments for those attending the high-level segment will be available outside Room 9 (from 09.30) – for those attending the remaining parallel sessions refreshments will be available from 11.00-11.30 near the meeting rooms & Conference Room 1.**

Parallel Sessions (Tuesday 10.00 – Thursday 12.30)

10:00-11:00: Parallel sessions including continuation of the High-level segment

#### **High-level Segment (10:00-13:00):** Chairs: Mark Sutton & Chris Cox (Room 9)

Policy stream discussion on enhancing inter-convention nitrogen coordination. Detailed agenda to be provided separately.

#### **Component 1 (10.00-11.00):** Chair: Hans van Grinsven (Room 10)

Overview of Component 1

The co-lead of Component 1 will chair a session to outline the activities being undertaken in Component 1 (A1.5 will be covered under Component 2, due to the links with A2.1).

#### **Component 2 (10.00-11.00):** Chair: Wim de Vries & Jean Ometto (Room 13)

Overview of Component 2

The co-leads of Component 2 will chair a session to outline the activities being undertaken in Component 2 (A1.5 will be covered under Component 2, due to the links with A2.1).

#### **Component 3 (10.00-11.00):** Chair: Cargele Masso (Conference Room 1)

Overview of Component 3

The co-lead of Component 3 will chair a session to outline the activities being undertaken in Component 3.

**11:00-11:30: Refreshment break – refreshments available outside meeting rooms**



11:30-13:00: Parallel sessions, including continuation of the High-level segment

**High-level Segment (10:00-13:00):** *Chairs: Mark Sutton & Chris Cox (Room 9)*

Policy stream discussion on enhancing inter-convention nitrogen coordination. Detailed agenda to be provided separately (continued)

**Activity 1.1:** *Chair: Wilfried Winiwarter & Kentaro Hayashi (Room 10)*  
A1.1: Budget indicators meeting with links to A1.2

The session will update on the respective developments on nitrogen budget indicators. Specifically, time will be spent on further developing material for the GD on National N Budgets – with the CHANS model and the EPNB approach potentially available as two different tiers.

**Component 2:** *Chair: Wim de Vries & Jean Ometto (Room 13)*

Overview of Component 2 – continued, if needed.

The co-leads of Component 2 will chair a session to outline the activities being undertaken in Component 2 (A1.5 will be covered under Component 2, due to the links with A2.1).

**Component 3:** *Chair: Cargele Masso (Conference Room 1)*

Progress with component 3.

The co-lead of Component 3 will chair a session to outline the activities being undertaken in Component 3.

**13:00-14:00: Lunch break – participants are guided to use local dining facilities**

14:00-17:30: Parallel sessions

**High-level Segment (14:00-16:00):** *Chairs: Mark Sutton & Chris Cox (Room 9)*

Discussion and agreement on way forward, Detailed agenda to be provided separately.

**Activity 1.3:** *Chair: Kevin Hicks (Room 10)*  
Development of N-flux methods guidance

- To review and finalize the scoping report which forms the basis for the Guidance Document (key delivery).
- To discuss the production of background documents for autumn 2019 Workshop and confirm the venue.
- To demo a prototype online tool of the N-Cascade linking in the N compartments and N fluxes methods.
- Discuss the production of the N flux method datasheets to incorporate into the tool.

**Act. 1.5/2.1:** *Chair: Wim de Vries (Room 13)*  
Global scale modelling: results and plans

This is a technical session allowing to allow a first match-up between modelers and activity coordinators on modelling progress. With the modelling protocol available (including guidance on scenarios), a first hands-on inter-comparison could start. For logistic reasons, that exercise was organized as a parallel event in Potsdam, Germany, a group of participants will be linked up via a remote connection.

**Component 3:** *Chair: Cargele Masso (conference room 1)*  
Progress with component 3 continued

The co-lead of Component 3 will chair a session to outline the activities being undertaken in Component 3. The Co-lead of Component 3 will chair a session to discuss the progress and next steps in each of the regional demonstrations and how work can be harmonized between the demonstration activities, to ensure comparable results for synthesis.

**Refreshments will be served after 16.00 for the High-level segment (outside Room 9), and from 15.30-16.00 for the remaining sessions (at Conference Room 1 and near Rooms 10 & 13)**

**19:00-22:00:** **INMS Dinner – Trademark Hotel**  
3 course buffet dinner with welcome drink (other drinks will be available from a cash bar)

### *Wednesday 1<sup>st</sup> May*

9:00-11:00: Parallel Component and Activity sessions

**Activity 2.2:** *Chair: Mark Sutton & Clare Howard (Room 9)*  
Outline of plans for the International Nitrogen Assessment

The co-chairs for A2.2 will outline the current aims, rationale and timing for an International Nitrogen Assessment, supported by the INMS project along with the current updated scope.

**Activity 1.2** *Chair: Hideaki Shibata (Room 10)*  
Input and discussion on Threat Methodologies Guidance Document

This session aims to discuss the guidance document (GD) of the N impacts assessment methodologies. Participants will review the current progress and discuss the GD's contents including Dose-Response relations and contributions to the other activities.



**Component 3:** *Chair: Cargele Masso, Wim de Vries & David Kanter (Room 13)*  
Linkage of modeling and policies to the regional demonstrations

The session aims to bring in a user perspective in developing the INMS model chain. In INMS, the “demonstration areas” are the focal points of reference, thus any global modelling exercise must at the same time strive to provide relevant information to questions raised in the demonstration areas. An exchange allows the representatives of demonstration areas to understand what is available and may be helpful to resolve their respective questions, while the modelers benefit in fine-tune their models to respond on topics where a response is most relevant.

**11:00-11:30:** **Refreshment break – refreshments available outside meeting rooms 9,10,11,13**

11:30-13:00: Parallel Component and Activity Sessions

**Activity 2.5:** *Chairs: Sara Walker & Clare Howard (Room 9)*  
Development of GEF and non-GEF case studies on nitrogen management interventions

This session will further explore a framework to enable the capturing of case studies from both previous GEF and non-GEF interventions on nitrogen management as well as the INMS project.

**Activity 1.4:** *Chairs: Hans van Grinsven (Room 10)*  
Quantification and valuation of N-shares in changes of health impacts, crop production and ecosystem services; results and plans

A1.4: Quantification and valuation of N-shares in changes of health impacts, crop production and ecosystem services; results and plans. After a brief introduction into the background and rationale of activity 1.4, the current proposals will be presented for a globally applicable method to value and quantify the contribution of N: a) to impacts of ambient air pollution (AAP) on mortality; a.o using the TM5-FASST model, b) changes in Ecosystem Services; a.o. using the Constanza et al (1997, 2014) approach, c) changes in crop yields; a.o. using the Global Yield Gap Atlas (GYGA project).

After the presentation, we will, depending on attendance, have a plenary or group discussion on the proposed approaches

**Activity 2.3:** *Chairs: Mark Sutton & Will Brownlie (Room 11)*  
Development of the A2.3 Database on measures for better nitrogen management

Developing content for the INMS nitrogen measures database: an online tool to support policy makers develop integrated policy on nitrogen management. This session will look at a selection of individual measures to improve nitrogen use efficiency across sectors, and discuss and develop the information policy makers need to put them into practice.

**Component 3:** *Chairs: Cargele Masso, Wim de Vries & David Kanter (Room 13)*  
Linkage of modeling and policies to the regional demonstration Linkage of modeling and policies to the regional demonstrations (continued)



**13:00-14:00: Lunch provided for participants (public holiday) - buffet served in the Delegates Dining Room**

14:00-15:30: Parallel Component and Activity Sessions

**INI Steering Mtg:** *Chairs: N.Raghuram & David Kanter (Room 9)*

Meeting of the INI Steering Committee, including a section for the INI Advisory Board for INI-8.

**Act. 2.1/1.4 (1.2):** *Chairs: Wim de Vries, Hans van Grinsven (Room 11)*  
Linking modelling and cost-benefit analysis

Purpose of the session is to help establish quantitative N dose-response relationships according to the impacts matrix created under A1.2. These relationships are essential prerequisites to CBA. Models are able to provide part of those relationships but there is a potential mismatch between coverage and concepts by CBA as compared to results from the modeling exercises. Crucial is whether we are able to quantify N shares in changes in major endpoints given the effect of other factors, such as changes in other pollutants and in land use.

**Activity 1.6:** *Chairs: Cargele Masso & Cláudia Cordovil (Room 13)*  
Barriers to implementation

The co-chairs of A1.6: 'Barriers to achieving good N management' will provide an overview of the Tasks within A1.6, including relevant milestones. Following this the draft survey questionnaire will be presented and discussed along with strategies to gather information on interested stakeholders in each demo region.

**15:30-16:00: Refreshment break – available outside meeting rooms 9,10,11,13**

16:00-17:30: Parallel Component and Activity Sessions

**INI Steering Mtg:** *Chairs: N.Raghuram & David Kanter (Room 9)*

Meeting of the INI Steering Committee, including a section for the INI Advisory Board for INI-8. (continued)

**Act. 2.1/1.4 (1.2):** *Chairs: Wim de Vries & Hans van Grinsven (Rm 11)*  
Linking modelling and cost-benefit analysis (continued)

**Evening: Participants free to enjoy Nairobi.**



## Thursday 2<sup>nd</sup> May

### Parallel Sessions (Thursday 09.00-12.30)

9:00-11:00: Parallel Sessions

**Act. 2.3 & 2.4:** *Chairs: Will Brownlie & David Kanter (Room 10)*  
Linkage scenarios and measures

Purpose of the session is to understand to which extent scenarios can be built on the physical realities that are reflected in concrete measures to reduce nitrogen pollution. Obviously, for a century perspective, considerations may extend beyond market-ready solutions but connecting expectations to firm and proven potentials increases their value. Representatives of demonstration areas are welcome to join.

**East African Demo:** *Chair: Cargele Masso (Room 11)*  
East African Demo engagement and discussion session

A dedicated session for the East African Demo members and participants from the region, but new to INMS, to discuss the Demo in more detail.

**South Asian N Hub:** *Chairs: Tapan Adhya & N. Raghuram (Room 9)*  
UKRI GCRF South Asian Nitrogen Hub Session

A dedicated session for the partners within the UKRI, GCRF South Asian Hub project to discuss next steps with the project and the links to the INMS South Asia Demo. All INMS participants from South Asia are welcome to attend.

**11:00-11:30: Refreshment break – available outside meeting rooms**

11:30-12:30: Parallel Sessions

**Component 1:** *Chairs: Hans van Grinsven (Room 10)*  
C1 wrap-up, view forward to mid-term review

**Component 2:** *Chairs: Wim de Vries & Jean Ometto (Room 11)*  
C2 wrap-up, view forward to mid-term review

**Component 3:** *Chairs: Cargele Masso (Room 9)*  
C3 wrap-up, view forward to mid-term review

**12:30-13:30: Lunch break – participants are guided to use local dining facilities**

13:30-15:30: Plenary Sessions (**Conference Room 1**)



## Feedback from components

13:30-13:45:	Feedback from Component 1
13:45-14:00	Feedback from Component 2
14:00-14:15:	Feedback from Component 3
14:15-14:20:	Feedback from Component 4
14:20-14:30:	Discussion

## Project Partners' Assembly

14:30-14:40: Report from PCU

An overview of the personnel in the PCU, recent and future tasks, roles and responsibilities will be provided by the Project Co-ordinator.

- PCU, staff roles and next tasks
- Project timelines
- Progress with reporting, wiki system etc
- Communications

14:40-14:50: Report from PMB

- Updated workplan/general progress
- Update on co-finance

14:50-15:00: Report on 'High-level Segment' & SPAG engagement

Feedback on the High-level segment session and SPAG engagement.

15:00-15:05: INMS Meetings timeline

An updated timeline of potential meetings, including a detailed view for the next 12 months and the plan for annual meetings until the end of the project, will be provided by the Project Co-ordinator. The timeline will include annual meetings, but also planned cluster meetings, along with linkages to the development of the International Nitrogen Assessment.

## Update from PCU on INMS Procedures – Including Q & A

15:05-15:10: INMS Procedures





The Project Co-ordinator will provide brief information on the processes with respect to reporting processes and timescales within the project, outlining responsibilities of contractors and partners.

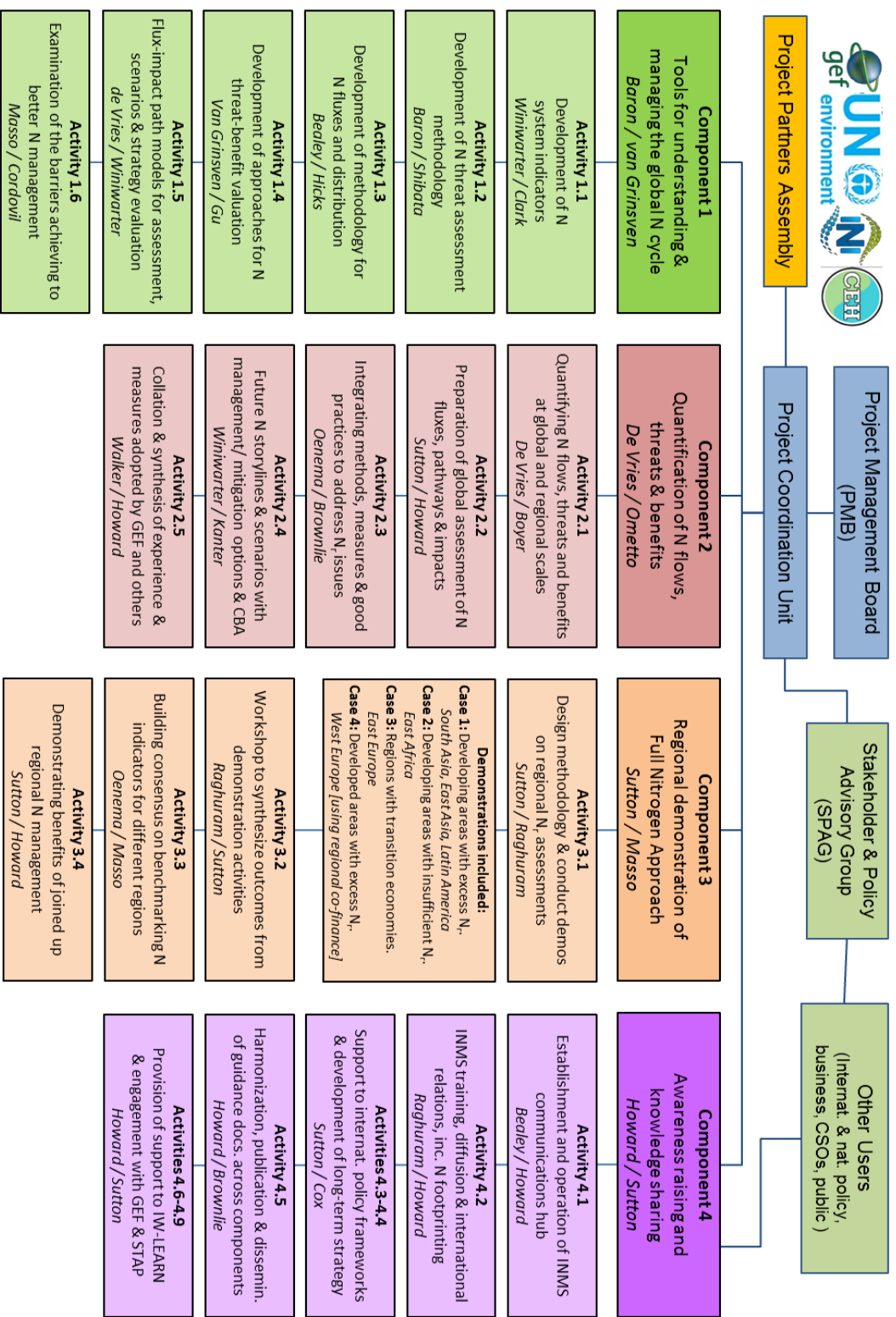
- Activity reporting
- Finance reporting
- Co-finance reporting
- Addition of partners

### **Wrap-up and next steps**

15:10-15:30 The Project Director will chair a short session on any other business raised, summarise the arising actions from INMS-4 and next steps. Following this the meeting will be formally closed.

### **Close of Meeting**





## Components and Activities

VINMS-4 2019

