INMS Component 4: INA awareness raising, process and complementary products

Dr Clare Howard, UKCEH, UK

First e-briefing for the Nitrogen Working Group of the United Nations Environment Programme

Overview

- Role of Component 4 within INMS
- INA process
- Parts A & E of the INA
- Maximising Engagement

Role of Component 4 within INMS

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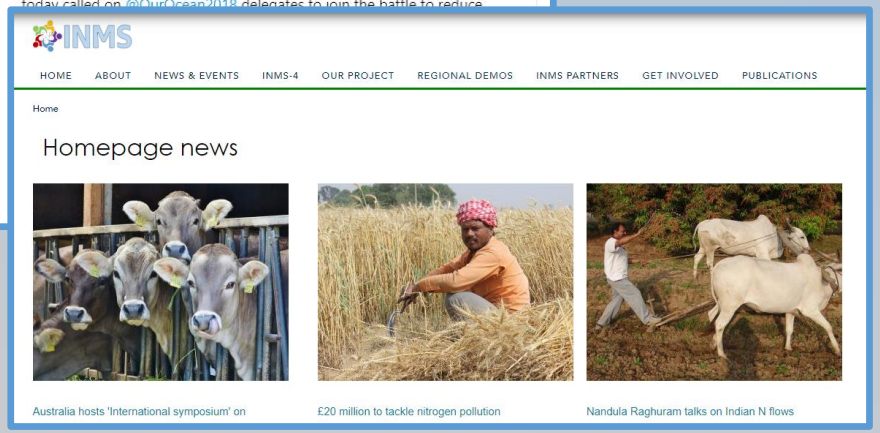
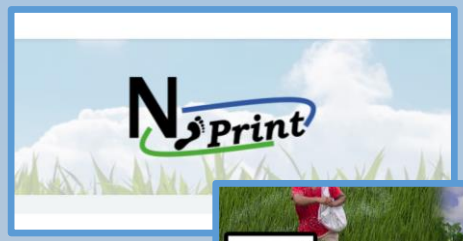
Internal and external communication





Training & Education

Global and regional policy engagement

Role of Component 4 within INMS

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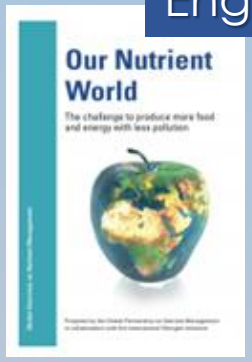
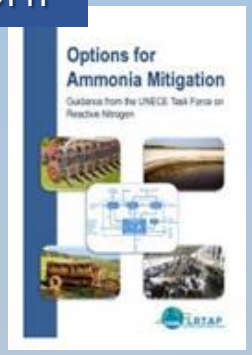
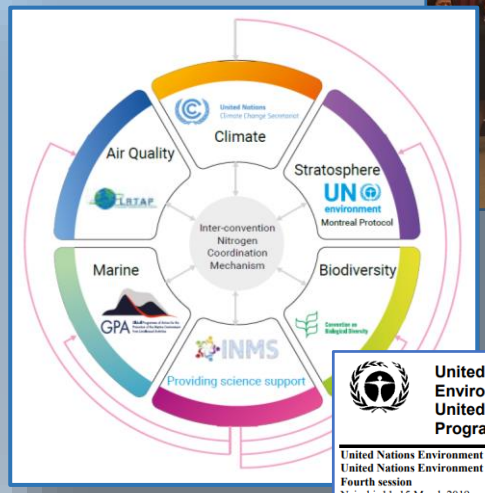
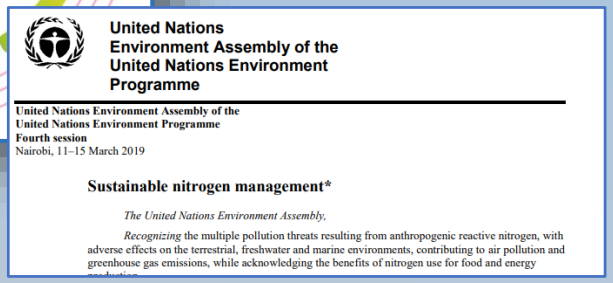
Maximising Engagement





Long-term sustainability





United Nations
Environment Assembly of the
United Nations Environment Programme

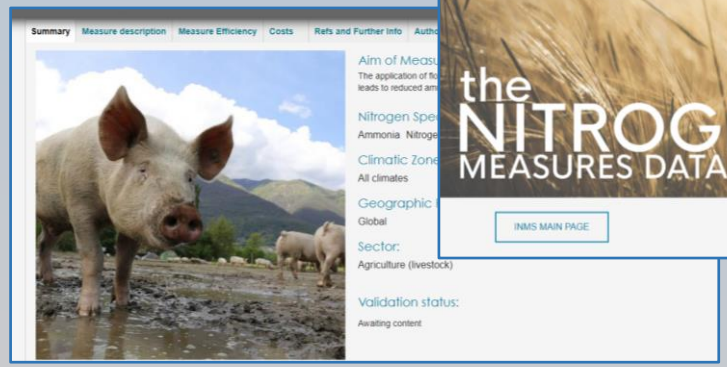
United Nations Environment Assembly of the
United Nations Environment Programme
Fourth session
Nairobi, 11–15 March 2019

Sustainable nitrogen management*

The United Nations Environment Assembly,

Recognizing the multiple pollution threats resulting from anthropogenic reactive nitrogen, with adverse effects on the terrestrial, freshwater and marine environments, contributing to air pollution and greenhouse gas emissions, while acknowledging the benefits of nitrogen use for food and energy

Providing access to data and tools



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Data Catalogue

Shared input, model outcomes and access to measurements

International Nitrogen Assessment

Stakeholder Engagement	Drafting & Harmonisation	Review & Analysis	Launch & Maximising Engagement
NWG, Editors CLA & Authors INMS Scientists	Virtual process, drafting and engagement	Editorial & External	Hard & e-copy, video, summaries
Summer 2020 /ongoing	Summer 2020 /Spring 2021	Spring 2021	Summer 2021

30 Chapters, Foreword, 2 Summaries, Additional Briefs

Part A: The global nitrogen challenge: problem definition

Setting the scene, putting the nitrogen issue into scientific and global context

Part E: Grasping the future challenge

Forward look, what is needed to deliver change? Sustainable Nitrogen Management towards Sustainable Development Goals

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Chapter 2: Nitrogen, environment and sustainable development

Multi-dimensional nature of nitrogen

Links to threats and other cycles

Nitrogen and limit theories

N towards the SDG's

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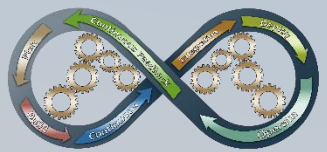
Chapter 3: Nitrogen and food security

The 4 N revolutions

Importance of N vs other elements

N and nutrition

N inequality



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Chapter 4: Nitrogen in current national and international policies

Baseline policies & sharing experiences

Barriers and opportunities

International context – where is N?

Synergies and challenges

INMS: C1, C2, C3

INMS Dataset on N Policies

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Chapter 5: Towards a holistic response to the global nitrogen challenge

Current status policy & science - how to move forward?

Key themes - identified by community

Developing role of the INCOM

INA informing INCOM, INMS supporting INA

B: Tools

C: Flows & Impacts

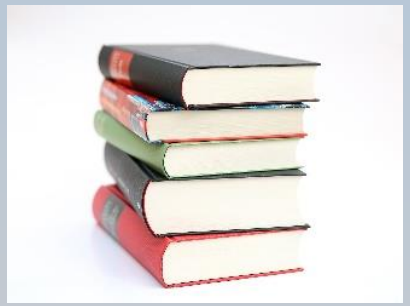
D: Regional Context

E: Scenarios & Circularity

INMS: C1, C2, C3, C4

INMS Data Portal Models & Output

Chapter 25: Key actions for better nitrogen management



Most promising measures
- sector, region, climate
Case studies
Synergies and packages of measures
Defining and listing the ‘N Top 10’

INMS: C2, C3

INMS Measures Database

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Chapter 26: Addressing the barriers to better nitrogen management

What makes addressing nitrogen pollution so challenging?

Barriers by actor, type and region

How to overcome barriers?

'Enablers'

INMS: C1

Chapter 27: Synthesis of possible futures for the global nitrogen cycle

Nitrogen futures - storylines & SSPs for nitrogen

Synthesis and potential outcomes

Key actions – what if we don't act?

Climate - smart N Management

INMS: C2

INMS Dataset on N Policies

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Chapter 28: Goals and Pathways: How to Halve Nitrogen Waste by 2030?

Halve Nitrogen Waste - ambition and communication

When to act by and how?

Pathways & Regional Context

Clear messages on benefits to 'Halve Nitrogen Waste'

INMS: C2, C3, C4

INMS Dataset on N Policies

INMS Data Portal Models & Output

Chapter 29: Evaluation of policy options and instruments for better nitrogen management

What is an effective policy?

What has worked well so far? Sectors, nations

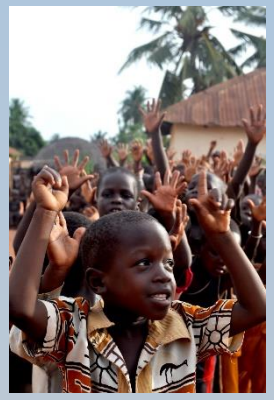
Full-chain policy Nitrogen Use Efficiency

Innovative approaches

INMS: C2, C3, C4

INMS Dataset on N Policies

Chapter 30: Nitrogen and public communication



Goals & Audiences, Stakeholders & Actors

What to communicate & why?

Role of differing approaches

Narrative & key messages – by audience

INMS: C4

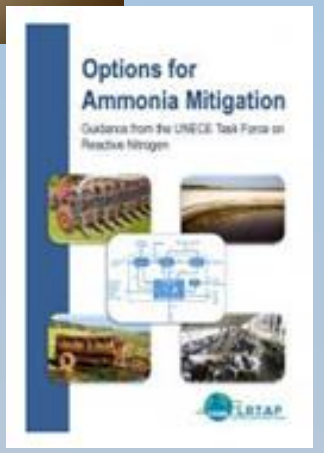
Maximising Engagement

INA Supporting Datasets and Information

- INMS Measures Database
- INMS Dataset on Policies
- INMS Data Portal Models & Output
- Additional resources, maps, graphics, infographics

Additional Publications & Resources

- INA Resources for Education
  - Published Document
  - Nitrogen Education Opportunities & Network (NEON)
- INA Summary for Business
- INA Summary for Civil Society
- INA Launch Video
- INA Briefing Notes



Thankyou & Questions….