

# Task Force on Reactive Nitrogen

Under the Working Group on Strategies and  
Review of the UNECE Convention on Long-range  
Transboundary Air Pollution

**EB decision 2007, revised EB decision 2018/6**

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Mark Sutton

Lead country: Denmark

WGSR 59, Geneva

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# Revised mandate for permanent activities

- Contribute to the review of the GP
- Development and publication of **National Ammonia Codes (NAC)**
- Dissemination of the ECE Framework Code
- Periodic **update** the ECE Framework Code with collaboration of national focal points to support its implementation.
- Inform and promote the use of nitrogen budgets
- Effects of human diets on nitrogen use and emissions
- Provide nitrogen-use **indicators** (incl water quality)
- Collaborate with other TFs: **TFEIP, TFTEI**.
- Encourage **ratification and implementation** of the Convention and its protocols

# New guidance document

## **Item 2.2.3: Guidance document on integrated sustainable nitrogen management**

16. The workshop on integrated sustainable nitrogen management had been co-organized by the European Union and the Task Force on Reactive Nitrogen with a view to finalizing the draft guidance document on integrated sustainable nitrogen management, which took into account pollution into air, water and soil in an integrated way. The guidance document included sections on the following issues:

- (a) Principles of integrated sustainable nitrogen management;
- (b) Livestock feeding/housing and manure processing and storage;
- (c) Fertiliser and manure application methods;
- (d) Land use and landscape management.

17. The draft guidance document would be presented to the Working Group on Strategies and Review at its fifty-eighth session. The final draft, incorporating any comments of the Working Group, would be submitted to the Executive Body for adoption at its fortieth session (Geneva, 14–18 December 2020).

# ENA special report "Appetite for change"

- 2<sup>nd</sup> report of the EPNF
- Includes an analysis of a potential combination of improved technical measures at the farm level with changes in consumption patterns.
- Relative potential of dietary changes and food waste reduction.
- Health effects of several different dietary options that generate less nitrogen pollution.
- The role of science in strengthening the control of nitrogen pollution and optimising diets to meet human health goals are also discussed.

# TFRN resource needs

1. TFRN **Coordination** including network engagement officer (including input to review/revision of GP) €150,000 /yr [annual]
2. Review of **National Ammonia Codes** and wider implementation .... €50,000 / yr [annual]
3. **Revision of UNECE Ammonia Guidance Document** €200,000 [2022/2024]
4. Review of measures linking **ammonia and methane** control in agriculture €60,000 [2022/2024]
5. Mobilization on **National Nitrogen Budgets** linked to INMS reporting mechanism €130,000 /yr [annual]
6. Analysis of **dietary change options**, scenarios and levers for GP review €200,000 [2022/2024]

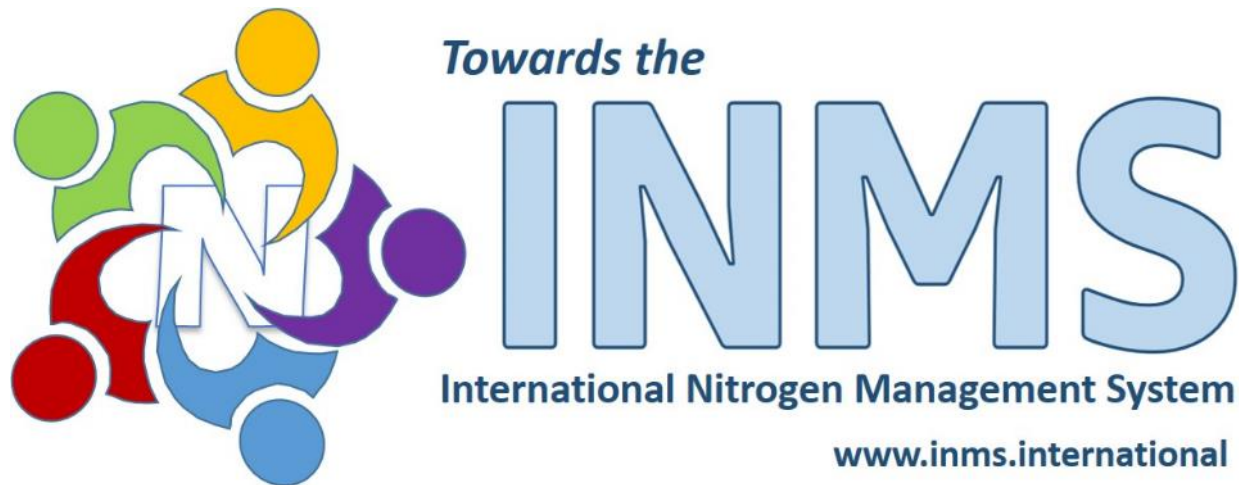
## Requested resources

2021/22: €330,000

2022/23: €330,000 + €230,000

2023/24: €330,000 + €230,000

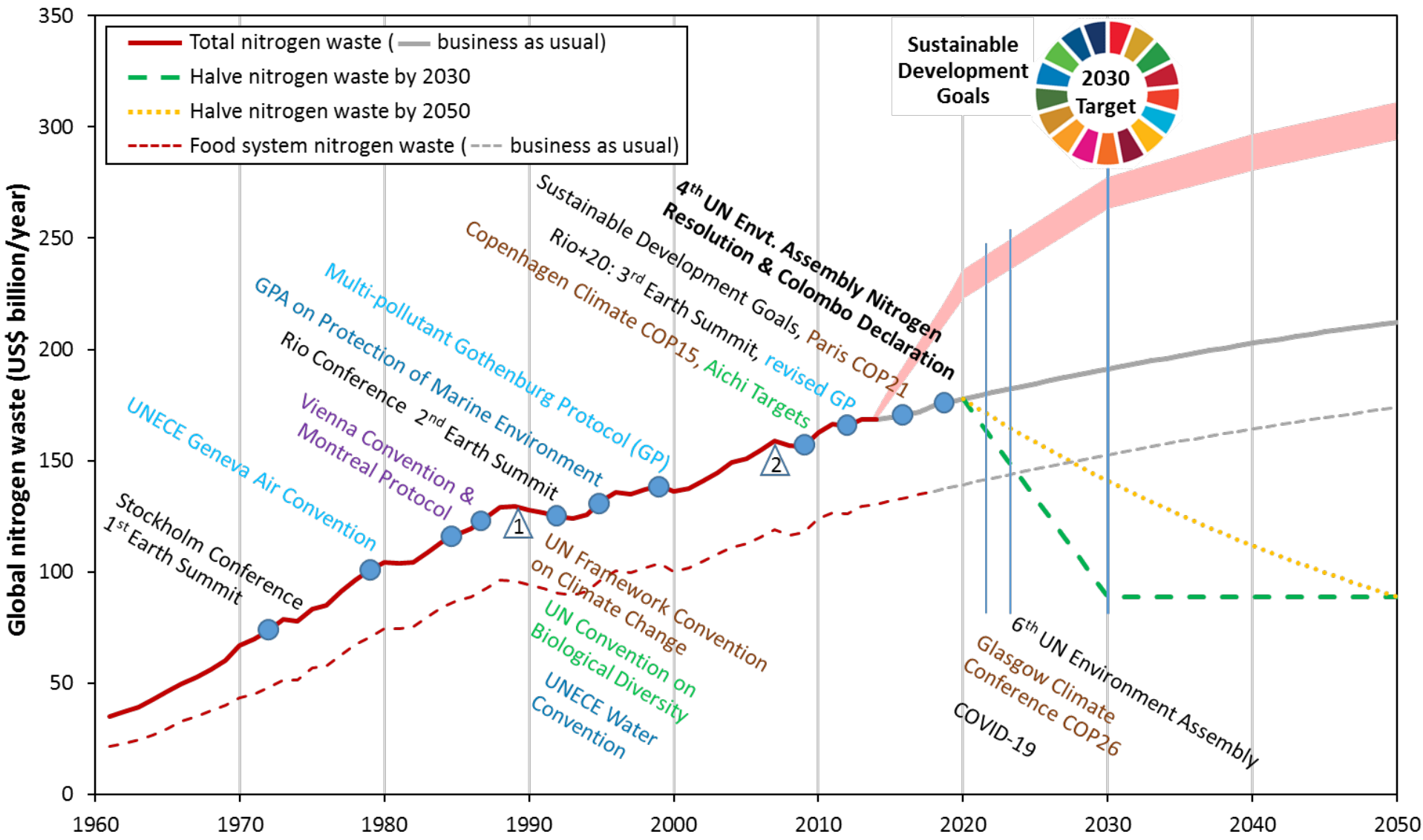
*Currently these tasks being only partially delivered though goodwill and synergy with international activities (e.g. INMS).*



- INMS now established to bring scientific evidence together to inform policies and the public on the multiple benefits and threats of reactive nitrogen
- International Nitrogen Assessment book *in prep.*



# One Earth: The Nitrogen Decade



From the “EU Zero Pollution Action Plan: target to reduce nutrient losses by 50% by 2030”

# Nitrogen4netzero



British  
High Commission  
Colombo

Nitrogen for Climate and Green Recovery  
27-29 April 2021

*Pre-COP26 virtual event*



*Speakers include:*



H.E. Gotabaya  
Rajapaksa  
President of Sri Lanka



H.E. Sarah Hulton  
British High  
Commissioner  
to Sri Lanka



H.E. Prof. Jayanath  
Colombage  
Foreign Secretary,  
Government of  
Sri Lanka



H.E. Hanaa Singer  
UN Resident  
Coordinator to  
Sri Lanka



H.E. Ken O' Flaherty  
COP26 Regional  
Ambassador



Dr Anil Jasinghe  
Secretary, Ministry  
of Environment, Sri  
Lanka

*Supported by*

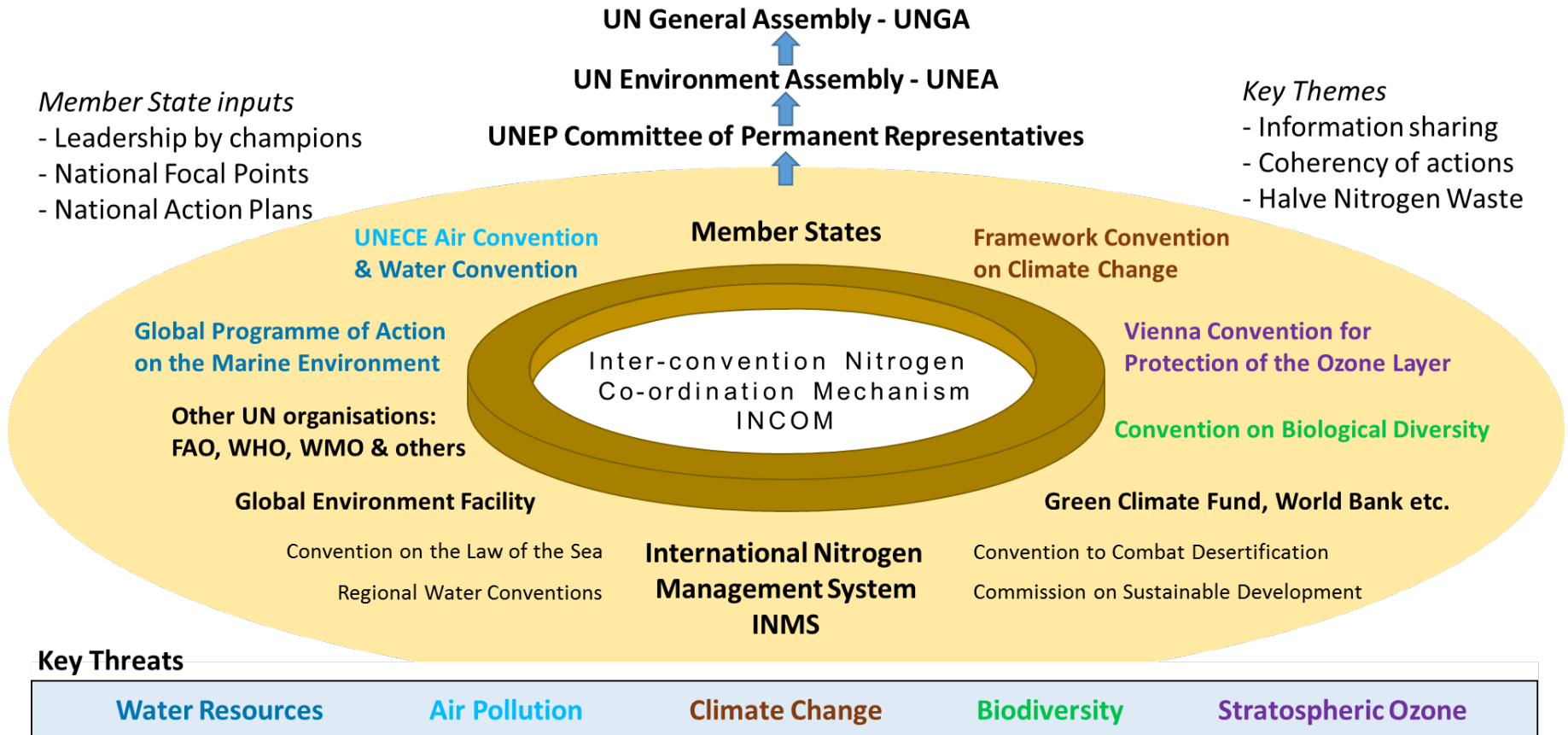


<https://www.inms.international/nitrogen4netzero/events>

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# How should INCOM look?



**One Earth: The Nitrogen Decade (2021)**