

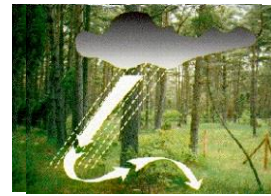
# Agenda for the 29<sup>th</sup> ICP IM Task Force

1. Opening of the meeting
2. Approval of the agenda
3. Approval of minutes from 28<sup>th</sup> IM TF

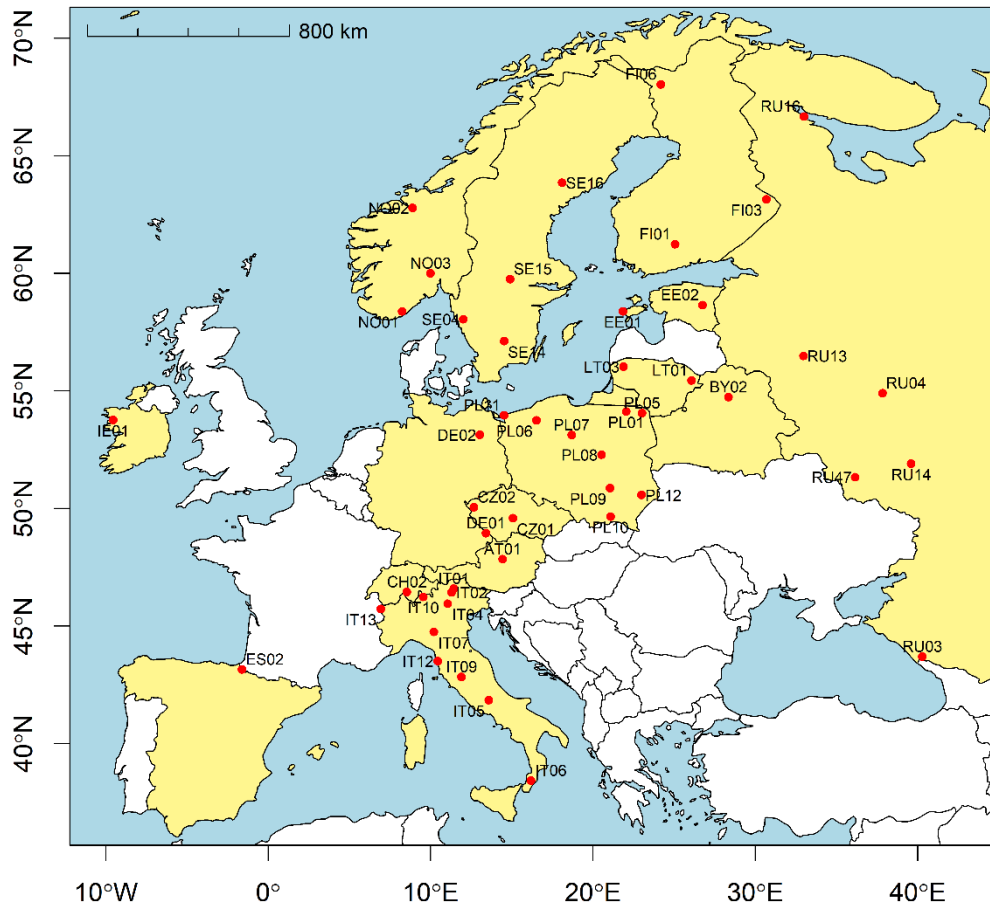


## 4: Reports

a) From the CLRTAP secretariat (Krzysztof Olendrzynski)



## 4b: The current IM network

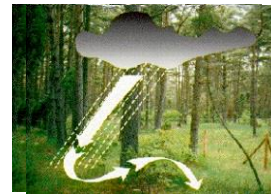


15 active countries

48 active sites

New interest from Canada

● Active IM site

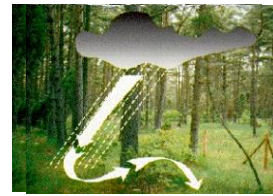


# 4c: The Long Term Strategy 2020-2030

Decided by the Executive Body in 2018

Here selected headlines from a 15 pages document

[https://www.unece.org/fileadmin/DAM/env/documents/2018/Air/EB/correct\\_numbering\\_Decision\\_2018\\_5.pdf](https://www.unece.org/fileadmin/DAM/env/documents/2018/Air/EB/correct_numbering_Decision_2018_5.pdf)



# 4c: The Long Term Strategy 2020-2030

## II. Strengths and successes of the Convention

- The effects-oriented approach
- A pioneer role in addressing heavy metals, persistent organic pollutants and black carbon
- The Convention as a flexible and adaptable mechanism



## 4c: The Long Term Strategy 2020-2030

### III. Remaining challenges

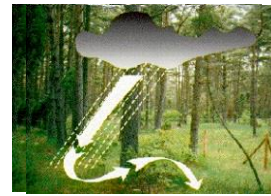
- Ozone and its precursors
- Particulate matter and its precursors
- Nitrogen and sulphur
- Persistent organic pollutants and heavy metals
- From the long-range transboundary to the urban scale
- Monitoring challenges
- Links between air pollution, ecosystems and climate change
- Need for communication on the need for further action



## 4c: The Long Term Strategy 2020-2030

### IV. Strategic priorities of the Convention

- Maximizing the impact of the Convention
- Improving the scientific and technical basis for work under the Convention
- Enabling Sound Policy
- Communication, outreach and cooperation



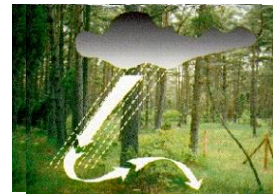
## 4d: Cooperation with eLTER

LTER Europe is currently building up a European distributed Research Infrastructure of research and monitoring sites and platforms

Several sites are also IM sites.

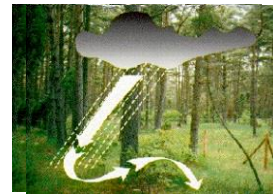
- There is a MoU between IM and eLTER
- Now plans of a MoU between WGE and eLTER





## 5: Future location of IM Programme Centre

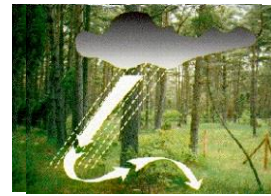
- SYKE may not be able to host the IM PC in the future
- Search for a new host has begun
- Interest in hosting the PC should be communicated to the head of the PC (Martin Forsius) before May 15, 2021.
- Swedish University of Agricultural Sciences (SLU) has shown interest



## 6: Activities since last TF meeting

### Most important issues

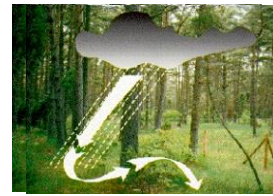
- ICP IM represented at 12 international meetings directly related to the IM core activities
- The Programme Centre received the 2019 data from most IM sites, data are now stored in the ICP IM database
- On our way to complete the items on 20/21 WGE workplan
- Intensified work on “IM light”
- Work on the revision of the Gothenburg protocol



## 5: Activities since last TF meeting

- The listed scientific outputs in the WGE 2020-2021 work plan are about to be completed.

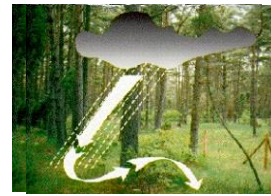
Work plan item	Activity description/objective	Deliverable	Outcome
1.1.1.15	Scientific paper on impacts of internal catchment-related nitrogen parameters to total inorganic nutrient nitrogen (TIN) leaching.	Scientific paper (2020)	Draft paper
1.1.1.16	Report on Hg and HM trends in concentrations and fluxes across ICP Integrated Monitoring sites in Europe.	Report (2021)	Report in IM Ann. Report + Draft paper
1.1.1.17	Scientific paper on effects of nitrogen enrichment on forest vegetation. A co-operation between ICP Integrated Monitoring and ICP Forests.	Scientific paper (2020)	Submitted MS



## 7: Revision of the Gothenburg Protocol

Was presented yesterday by Martin Forsius. Key questions of relevance for ICP IM are (here shortened):

- 2.2.b. What is the annual change (or change every 5 years) in exceedance of critical loads,
- 2.2.c. What is the annual change (or change every 5 years) in water, soil and ecosystem quality indicators between 1990 and 2018/201,
- • 2.7. Is the monitoring and modelling system of the Convention sufficient to observe, assess and project air pollution and its effects related to the Gothenburg Protocol in the ECE region,
- 2.8. What are the expected impacts of new scientific findings?



## 8a: 2022/23 Work Plan

Suggested IM activities in the WGE 2022-23 Work Plan	Time frame	Responsible
Operationalise and advertise “IM light” as an attractive monitoring protocol, aiming at adding more ecosystem types in the IM monitoring	2022	IM Chairs and Programme Centre
Continued work on the trends in ecosystems connected to the review of the Gothenburg Protocol and questions asked from the policy groups (to be determined in later)	2022	IM Chairs and Programme Centre
Scientific paper on modelling and assessment of biodiversity and ecosystem impacts, in cooperation with e.g. CDM	2023	IM Chairs and Programme Centre
Other item(s)...		



## 8b: Other scientific and networking activities

- Cooperation with other ICPs, particularly regarding dynamic modelling (all ICPs), cause-effect relationships in terrestrial systems (ICP Forests, ICP Vegetation), and surface waters (ICP Waters).
- Develop concepts for multi pollutant – multi effect relationships (NO<sub>x</sub>, O<sub>3</sub>, acidity, heavy metals, POPs, etc).
- Cooperation with external organisations (Long Term Ecological Research Network LTER, LifeWatch, GEO BON).



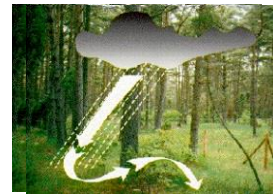
## 9. Revision of IM manual

Minor revision of chapter 7.20 Epiphytic lichens to allow submission of data collected according to the ICP Forests manual:

- Add method “E”
- Change of recommendation from use of diapositive film for photographing, to digital photos
- Corrected a few typos

As suggested in the circulated draft.

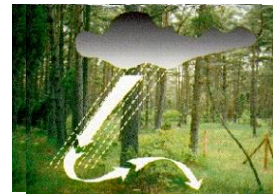
Comments on the draft should be e-mailed to Ulf Grandin



## 10: IM data and data base

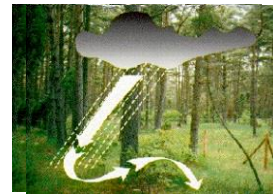
- a) Current status of the IM database – Sirpa Kleemola
- b) The migration of the IM database from SYKE to SLU
  - Presentation and introduction by the new database managers:  
Pernilla Rönnback (Swedish NFP) and  
Hampus Markensten (database specialist)





## 11. Next Task Force meeting

- Continued interest in joint meetings with ICP Waters?
- Latvia has kindly offered to host a joint IM and Waters TF meeting in 2022.
- Host for the 2023 meeting?



## 12. Other business

## 13. End of meeting