

48th TFIAM session

Berlin 23-24 April 2019

Introduction Rob Maas/Stefan
Åström

Clean Air for a Sustainable Future – Goals and Challenges

19-21 March 2018



Recommendations to CLRTAP

- Consider to include local population exposure in the revised LTS
- Set up an Expert Panel to better assess the linkages between international and local policy (TFIAM)
- Align international policies with local and national policies to increase their efficiency, e.g. Euro standards, emission limit values for wood stoves (WGSR supported by scientific bodies)
- Develop "user friendly" guidance documents for local level assessments of air quality, abatement options and their impacts (WGSR, EMEP SB, WGE)

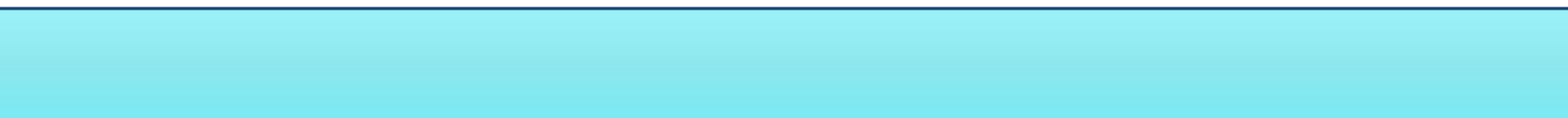


UNECE's Air Convention
Policy Review Group to the 2016 Scientific
Assessment Report

Proposed Updates to the Long-Term Strategy

Geneva, Switzerland

11 December 2018



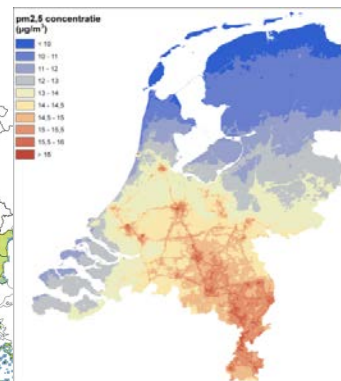
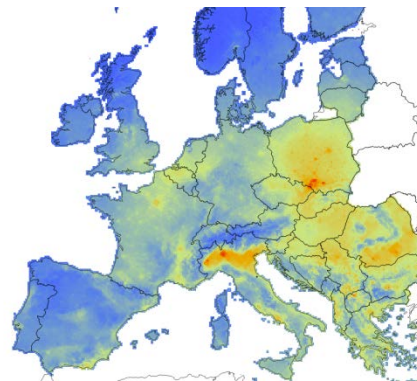
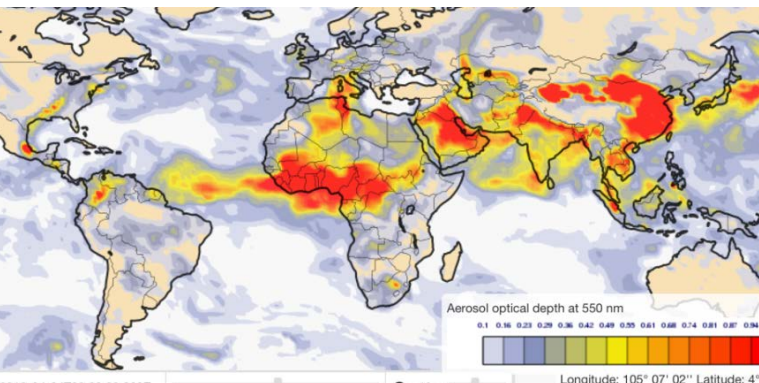
The Proposed LTS

- Sets a vision for the Convention for the period 2020-2030 and beyond, in light of the priorities set and the emerging challenges for human health and ecosystems through an integrated approach.
- Bases vision on unique strengths and successes of the Convention, i.e. the close links between science and policy and the ability to deal with multiple effects and pollutants.
- Responds swiftly to emerging challenges where there is a clear benefit to doing so for the UNECE region.
- Allows for assessment of health and ecosystem impacts at the local and urban levels of air pollution measures taken at the regional level.
- Allows for continued cooperation at the global level in assessing the impact of air pollution on regional and local air quality at the hemispheric level.
- Sets clear priorities for the best use of scarce resources of Parties and the Secretariat.

Revised TFIAM mandate

Multi-scale multi-objective assessment modelling,

- aimed at cost-effective policy strategies that combine international, national and local actions,
- taking into account the links between air quality policy and other policy processes
- (e.g. on SDGs, climate, biodiversity).



Activities since TFIAM47 (May 2018)

1. May – IAMES conference, Brescia
2. May – Working group on Strategies and review, Geneva
3. Jun – **TFIAM-FAIRMODE workshop on local measures, Tallinn**
4. Sep – WGE/EMEP Steering Body, Geneva
5. Oct – TFTEI 4-meeting, Brussels
6. Oct – **Ammonia/TFRN meeting, Ottawa**
7. Oct – **TAIEX-EIR P2P workshop ammonia, Budapest**
8. Oct – CIAM-GAINS workshop, Laxenburg
9. Oct – **WHO Global Air and Health Conference, Geneva**
10. Nov – **Kick-off meeting Expert Panel on Clean Air in cities, Brussels**
11. Dec – Executive Body-meeting (including Global event on clean air), Geneva
12. Jan – Fitness check Air Quality Directives, Brussels
13. Feb – **IAM-presentation for MOP Espoo-Convention, Geneva**
14. Feb – Air Challenges workshop/FAIRMODE/CAMS, Warsaw
15. Feb – **WHO meeting on NO₂-impacts, Bonn**
16. Mar – EMEP/WGE Bureaux meeting, Laxenburg
17. Apr – SOFAIR conference on local air quality management, Sofia

*+ supporting National Air Quality Plan + finishing Thesis +
GAINS model tutorial to Serbian experts + 2 TFIAM newsletters +
list of abbreviations for junior professionals*

Agenda 2019

1. Apr – HTAP-meeting, Potsdam
2. May – TFMM, Madrid
3. May – EECCA ratification workshop, Berlin
4. *May – Task Force on Health, Bonn*
5. May – Working group on Strategies and Review, Geneva
6. Sep – WGE/Steering body, Geneva
7. Oct – TFTEI 5 (if in Europe)
8. *Autumn – 1st meeting Expert Panel on Clean Air in Cities*
9. *Autumn – Drafting group on Ammonia Assessment Report*
10. *Autumn – Drafting group on Cost of Inaction Report*
11. *Nov – Air Quality Forum, Bratislava ?*
12. Dec – Executive Body - 40 yrs anniversary - AIRSIM, Geneva

*+ continuing efforts to facilitate introduction of junior officials
& review of cost data*

Upcoming 2020-2021: review process

After ratification of the Amended Gothenburg Protocol (AGP):

1. Did the AGP change trends in emissions, concentrations and impacts?
2. Will the AGP deliver health and ecosystem targets?
3. Will parties meet the emission reduction requirements?
4. Which sectors did or did not contribute to emission reductions?
5. Which measures were most effective?
6. What can be learned from successes and failures?
7. What advice can we give for the revision process > 2022

Upcoming 2020-2021: review process

After ratification of the Amended Gothenburg Protocol (AGP):

8. Reviewing necessity for additional items in protocol
 - Include BC?
 - Include methane?
 - Include shipping?
 - Stricter ammonia emission levels?
9. Parties are encouraged to submit national priorities to the chair of WGSR

Upcoming outreach

Global Forum for collaboration on reducing air pollution

A follow-up on the Global event on clean air (Dec 2018). Steering body to deliver proposal for a Global forum (draft will be presented at WGSR)

LifeWatch ERIC & Air Convention (WGE)

The Air Convention and the European Research Infrastructure Consortium (ERIC) has agreed to cooperate on issues of common interest. The objective of ERIC is to:

“...accelerate scientific progress and societal use of science by operating facilities for the integration, analysis and modelling of data, allowing users to build virtual collaborative environments for their specific modelling and analysis purposes.”

ERIC and the Air Convention cooperation lasts until at least 31 December 2023

Objectives of the 48th TFIAM session

1. Current status of the European assessment tools – are they fit for purpose?
2. Exchange of national assessment experiences – what are current best practices?
3. What can we learn from local assessments?
4. How effective are global sectoral strategies?