

Progress Air Convention,  
Saltsjöbaden & TFIAM work plan  
items

# Progress Air Convention

## Executive Body (Dec 2017)

- PRG conclusions accepted ... see work plan items Costs, urban scale, NH<sub>3</sub>, HTAP (sectors)
- Update LTS ... aims.... To include BC, CH<sub>4</sub>, NH<sub>3</sub>, shipping,
- Ratification Revised Gothenburg Protocol before 2020?
- Outreach: BACA, UNEA declaration & WHA proposal, WHO reports, increased monitoring efforts

## EMEP/WGE bureaux (Febr 2018):

- Tier2 (no Tier 1)
- Condensables solution
- Modelling urban scale GAINS, uEMEP, Sherpa, cities
- Health impacts
- HTAP work/ sectors
- ideas 2019 Anniversary 40 EMEP... 32 TFIAM ... 20 TFMM



# Upcoming - WGSR 56 May 2018

- Discussion and ways forward regarding Saltsjöbaden recommendations.
- Discuss and provide recommendations to the EB related to the proposed updated long-term strategy for the Convention.
- Progress in implementation of the 2018-2019 workplan.
- Updated mandates for the TFTEI and TFRN.
- Share information on the implementation of the Convention.
- Special thematic session on residential wood and solid fuel combustion and air pollution, focusing on PM and BC.



# Upcoming - EB 38 December 2018

## Preliminary

- Discussion and ways forward regarding Saltsjöbaden recommendations addressed to CLRTAP.
- Discussion and hopefully decision on updated long-term strategy for the Convention.
- Ratification check.
- Informal segment on global cooperation with invited international organizations. Incl Discussion on the implementation of the UNEA resolution on Air pollution.

# Progress EU NECD

- Air quality action plans in 2019
- Meeting NEC obligations, AQLVs, health?
- Art 6 – transboundary linkages
- Art 9 – improvement of ecosystems

# “Saltsjöbaden” meetings

- Saltsjöbaden I - More focus on Health impacts (TFH)
  - 10-12 April 2000. Saltsjöbaden.
- Saltsjöbaden II - More focus on Hemispheric air pollution (TF HTAP)
  - 25-27 October 2004. Gothenburg.
- Saltsjöbaden III - Integrated Nitrogen approach (TFRN)
  - 12-14 March 2007. Gothenburg.
- Saltsjöbaden IV - Include linkages with climate change policy
  - 19-21 October 2009. Gothenburg.
- Saltsjöbaden V - Strengthen outreach and implementation
  - 24-26 June 2013. Gothenburg.
- Saltsjöbaden VI
  - 19-21 March 2018. Gothenburg.
  - Ca 180 participants, 35 countries, 20 international organisations

***Some earlier recommendations were repeated, although they proved hard to realize:***

- *Better communication to public*
- *Better communication to finance ministries*
- *Closer cooperation with UN FCCC*
- *Stable funding of effects work*

***General feeling: continue to improve existing work, continue knowledge sharing, and implement PRG initiatives***

***No recommendations to stop certain activities***

***Easy air quality policy is over →***

*Successful air quality policy is embedded in policies on health, nature, transport, urban planning, energy, climate and agriculture, finance ...*

**Better air quality is important for all sustainable development targets ... at all spatial scales ... show these linkages!**

- *Monitor progress*
- *Raise awareness*
- *Create the right incentives*
- *Improve regulation*
- *Take funding and social issues serious*



## ~ 50 concrete recommendations from:

1. EECCA/Eastern region
2. Clean air in cities
3. Clean air globally - policy
4. Clean air globally - science
5. Ecosystems & climate
6. Sectors and solutions: ships, stoves, farms

## Main recommendations

1. Flexibility for parties in the Eastern region. Action: explore possibility to allow for step-wise ratification in preparation for a future review of the Gothenburg Protocol. Initiators: EECCA contact group/WGSR → EB, IC
2. Clean air in cities (in-reach). Action: set up an expert panel under TFIAM to support local air policy. Initiators: EMEP/EB-decision → Parties → TFIAM/TFH → Urban platforms, cities
3. Global air quality monitoring network. Action: take initiative for a global harmonized monitoring network, including emission inventories and projections and taking into account the most recent developments with respect to remote sensing, cheap remotely operated monitors and data collection/communication. Initiators: HTAP/TFMM/WMO/AMAP/UNEP → WB/IPCC
4. Global air policy dialogue. Action: Establish a policy dialogue on a broader geographic scope in addressing air pollution, taking a step-wise approach at the outset, with an initial focus on increasing regional cooperative efforts. Initiators: LRTAP/EB Bureau, UN Environment, [WHO, WB]

## Main recommendations 2

5. Better ecosystem monitoring. Action: set up an expert group to coordinate and harmonize the monitoring of ecosystem effects for various conventions. Initiators: WGE/EU-COM → CBD, TEEB
6. Reduce ships emissions. Action: encourage maritime emission control areas in all seas and develop schemes to reduce emissions from existing ships. Initiators: Parties → HELCOM/OPSARCOM/REMPEC, EU-COM
7. Reduce domestic heating emissions. Action: address health impacts of domestic solid fuel burning and develop schemes for replacement and awareness-raising. Initiators: → TFTEI → WGSR/WHO → UN FCCC, Parties, Urban platforms
8. Reduce agricultural nitrogen losses. Action: develop criteria to link agricultural subsidies to emission reduction obligations. Initiators: TFRN/EU-COM → Parties

## Early Career Workshop

- Air Quality Negotiation Simulation for new and early career researchers and professionals before the formal start of the meeting.
- Goal: to learn about the nature of international negotiations and the different perspectives that play a role and to gain experience in finding creative solutions that can bridge contrasting stakes of various Parties.
- It was recommended that such early career workshops continue to be held, where possible, in order to encourage other young professionals to participate in air quality science and policy work.

# Recommendations clearly addressed to TFIAM

- Support local policies with national and international ones is essential to increase their efficiency. (TFMM, TFIAM – demonstration and WGSR- communication)
- Assess the cost-efficiency of trade-offs and co-benefits of combined strategies (AP, climate, energy, mobility, health etc) and interactions between different pollutants and sources. (TFIAM, CIAM)
  - Communication to focus on target APs rather than individual substances and use health indicators
  - Focusing on sources in the AP control strategies may be more important than targeting pollutants
- Set up an expert panel under TFIAM to support local air policy with respect to the linkages between regional and local AP and cost-effectiveness of co-ordinated actions. (TFIAM, EC, WHO, Urban networks)
- Use ozone flux modelling for ozone risk assessment on crop production, taking into account both crop quantity and quality. (TFIAM, ICP-veg)

# TFIAM mandate 2018-2019

- Guide and review further development and application of the GAINS model
- Exchange experiences by national integrated assessment modellers, e.g. on the development of national air quality plans
- ....

# Work plan 2018-2019

## 1. TFIAM47-meeting 8-9 May 2018 in Brescia (Italy)

1. Guide and review further development and application of the GAINS model
2. Exchange experiences by national integrated assessment modellers, e.g. on the development of national air quality plans
3. Prepare contribution to 2019 reports on:

WGSR 3.10 Review of cost data (lead TFTEI)

WGSR 3.11 Costs of inaction (lead TFTEI)

1.1.3.2 Ammonia (lead TFIAM , with TFMM/MS-CW/ country experts, TFRN)

1.1.4.3 Intercontinental ozone & aerosols (lead TFHTAP)

1.1.4.6 Sectoral strategies (lead TFHTAP/scoping workshop 2018)

*1.1.3.1 Evaluation POP/BaP measures (lead MSC-E, TFTEI) ?*

## 2. Workshop on local assessment modelling 2018

## 3. Outreach activities (UNEP, CCAC, FCCC, ...) (tbd)

# Work plan proposals from CLRTAP policy response group 2018-2019

Item	Activity	Deliverable	Who
	Proposal		
1.1.3.2	Ammonia: Improve understanding of cost effectiveness of local vs regional agricultural emission control for protection of human health and ecosystems in Europe.	Presentation of TFIAM at TFMM Synthesis report focussing on agriculture in 2019	TFIAM with support from TFMM and countries experts (France, Netherlands a.o.)  TFRN?

Item	Activity	Deliverable	Who
	Proposal		
1.1.3.3	Local assessment modelling of measures to reduce population exposure	Workshop in 2018	TFIAM with support from local and national experts



# Work plan proposals from CLRTAP policy response group 2018-2019

## -more uncertain items

Item	Activity	Deliverable	Who
	Proposal		
2.3.9	Review of the control costs currently used with a view to improving, on an ongoing basis, the cost-effectiveness analyses produced by the GAINS model	?	Proposed under TFTEI

Item	Activity	Deliverable	Who
	Proposal		
2.3.10	Costs of inaction	?	?