

33rd ICP-Waters

25th ICP-Integrated Monitoring

9-11 May, Uppsala (Sweden)

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- Last news from CLRTAP
- Financing
- CCE situation
- Workplan 2018-2019
- Mandates for ICPs, TFH and JEG
- NECD
- 3rd joint session EMEP/WGE (September 2017)

EB & WGSR

- Launch of the *Towards Cleaner Air: Scientific Assessment Report*
- Request to elaborate a draft 2018-2019 Workplan
- Recommended further integration of activities under EMEP and WGE, and closer cooperation between centres and TF
- Invited the ad-hoc policy review group to highlight issues regarding LTS
- Encouraged Parties to consider providing resources for the long term financing of the effects oriented (CCE and TFrN)
- Acknowledged the financial contribution by France, Germany, Sweden, Switzerland, Nordic Council of Ministers and Norway to the CCE 2017 activities



ECE/EB.AIR/2016/6

WGE-2016	ICP Forest	ICP Waters	ICP Materials	ICP Veget	ICP Int Monit	ICP M&M	TF Health	CIAM	Total WGE	Total EMEP (3)
earmarked (1)	44650	57617		8307				37978	148552	2304334
non earmarked (1)									384130	
in kind (2)	257921	182766	108500	230743	199500	8187	70919		1058536	-
total	302571	240383	108500	239050	199500	8187	70919	37978	1591218	2304334
TOTAL WGE + EMEP									3895552	

- (1): Table 5 2016 contribution in cash earmarked and nonearmarked
- (2): Table 8 2016 contribution in kind (92% from TF lead countries)
- (3): Table 1, Contribution to the financing of EMEP as of 27 september 2016

From 26 Parties to the Convention

25% Received from earmarked and non-earmarked from approved budget

Need of a sustainable (financial) support:

for national activities

for core activities

Executive Body: clear support to Effects activities

looking for (sustainable) fundings

requiring action by Parties (letter from ECE/ENV)

- Financial support by Dutch Government since 1990. Expires in 2017
- Financing solution for 2017 activities: 170.000€ aprox from Sweden, Switzerland, Norway, Nordic Council, Germany (+trust fund +TF leader country (FR)
- Long term solution requires:
 - (i) Sustainable funding
 - (ii) A leader Party to take over the responsibility for the centerNo alternative before 2018-2019

CCE Activities in 2017

According to the proposal at the 2nd joint session EMEP-SB /WGE 2016

Some tasks from the workplan 2016-2017 will not be accomplished

2. Prioritized tasks and related funding requirement for conducting the call for data

CCE 2017 activities
(Adopted at EB, dec 2016)

Task 2017-1: NFC submissions of classical critical loads

Task 2017-2: NFC submissions of biodiversity critical loads

Task 2017-3: Biodiversity CLs for (Non-NFC) background database

Task 2017-4: Software and database accomodation

Task 2017-5: Verify robustness and exceedance modelling and mapping

Task 2017-6: NFC documentation as-is on CCE website

Task 2017-7: NFC documentation prepared as an E-Annex

Task 2017-8: Prepare and Present (interim) results at TF M&M

Task 2017-9: Document & Present (interim) results to WGE

Task 2017-10: Prepare and Implement (interim) results into the GAINS model

Task 2017-11: Prepare assessments and documentations for CCE Status Report 2017

Task 2017-12: Programme Coordination and Management

Task 2017-13: Management assistance

Task 2017-14: RIVM publication, visualization & layout, EMEP-WGE

Task 2017-15: verify biodiversity CL issues with subcontracted Alterra

- According to recommendations from Policy Review Group (**PRG**)
- Biannual workplan → Biannual deliverables ??
(1st year global report?, 2nd year specific report?)
- Workplan: Activities not included in the Mandates
Linked to concrete objectives and deliverables

Convention activities would be defined by:

- TF Mandates
- Biannual workplan
- Brief synopsis of activities (integrated, comprehensive, highlighting interlinkages....)

- In 2018-2019 work plan should be further simplified and shortened, driven by the conclusion of the PRG
- The work plan should be easily readable, concise, presenting clear objectives
- Interlinkages between various entities and groups should be highlighted
- The deliverables and results proposed in the work plan should be achievable in the two years period and correspond.
- They should be realistic considering available resources (whatever the source)
- Interest and use for the policy makers should be highlighted

..... and PRG recommendations (ECE/EB.AIR/WG.5/2017/3)

i. *Enabling sound policy decisions*

1. Human health effects
2. Integrated environmental policy
 - Ozone – nitrogen effects on C sequestration , biodiversity and other effects
 - b. More experimental ecosystem research (dose-response, parametrization, model validation)

ii. *Maximizing the impact of the Convention and its protocols (including review and updated of Protocols)*

iii. *Improving the technical and scientific basis*

1. Improving the functions of WGE and EMEP:
 - Access to data
 - Integration of work and reporting
2. Linked, multipurpose CLRTAP monitoring
 - Closer links between Atmospheric monitoring and Effects monitoring

iv. *Improving communication, outreach and cooperation*

..... and PRG recommendations (ECE/EB.AIR/WG.5/2017/3)

- Better combine (or connect) effects and concentration/deposition monitoring
- Intensify cooperation between EMEP and WGE groups and within each bodies; **propose objectives shared by several groups**
- Cooperation with other organizations through **concrete projects** is essential as cooperation outside the UNECE region
- **Increase visibility and availability of data produced by the convention**

“EMEP, the Working Group on Effects and their subsidiary bodies including the ICP are requested to systematically improve access to data via the internet, and to establish a common web-based portal, as indicated in the workplans (short to long-term)”

Next

- WP should be discussed at the EMEP SB/WGE joint session (Progress of work discussed at the EB bureau meeting in May)
- WP should present a list of deliverables with the time line, CLRTAP bodies involved, other partnerships, resources allocated. **2-3 objectives per entity** (ICP, TF, Centers) is foreseen
- Distinction between:
 - Improving tools to assess air pollution and its effects in the UNECE regions
 - Cooperation with Parties
 - Cooperation with other projects and bodies (« outreach »)
- They should be discussed at the groups 'annual meetings and sent to the **WGE and EMEP SB chairs by the 20th May**
- Iteration between the chairs of various entities until **15th June** to consolidate the WP

Should not include « yearly mandatory actions »

- **Yearly actions related to mandatory work will be described in the revised mandates**

For example :

- **Assistance** to Parties : collaboration with them in the evaluation of the data and results, training workshops (except pilot studies)
- **Development and improvement**: Models, methodologies (incl measurement)
- **Provision of** : model results (air pollutant concentration and deposition maps , S/R matrices ...), emission data, measurement data
- **Interpretation and evaluation** : measured and modelled data (for both EMEP and WGE)
- **Evaluation of the implementation** : of the monitoring networks (EMEP, WGE), of emission reporting processes...
- **Quality assurance and quality control** : for all kinds of data
- **Dissemination** : Update databases and websites
- Annual status reports and country reports, Annual meetings of TF and the ICPs
- ...

2016: Started the review of the mandates for EMEP Task Forces and Centres

2017: Starts the review of the WGE ICPs, TF-Health and JEG Dynamic Modelling

Revision and update

- Consistent with priorities of the Convention
- According to:
 - Future Development of Effects-Oriented Activities (EB.AIR/WG.1/2000/4)
 - Guidelines for reporting on the monitoring and modelling of air pollution effects (ECE/EB.AIR/2008/11; ECE/EB.AIR/WG.1/2008/16/Rev.1)
 - Long-term Strategy for the CLRTAP
 - Bi-annual workplans for the implementation of the Convention

Including

- a description of the TF/ICP responsibilities to ensure a better understanding of the scope of its activities (...and looking for a political and financial support).
- those activities carried out on a regular and continuous basis (coordination, reporting, meetings.....)

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Article 9: Monitoring air pollution impacts

1. Member States shall ensure the monitoring of negative impacts of air pollution upon ecosystems based on a network of monitoring sites that is representative of their freshwater, natural and semi-natural habitats and forest ecosystem types, taking a cost-effective and risk-based approach.

Annex V Optional indicators for monitoring air pollution impacts

February: COM contacted ICP-Veg, ICP-Forests, ICP-Waters, ICP-IM

4th April : EU Meeting relating to the (new) NEC Directive

21st April: “Main issues raised in the comments sent by MS on Ecosystem Monitoring”

Next.....

NEC Directive 2016/2284

Document prepared by European Commission with data submitted by ICPs

“Document on the overview of CLRTAP ecosystem monitoring”

- Asses the extent to which current monitoring under the LRTAP ICPs meets the requirements of the Directive (Annex V)
- Available information on historic and current monitoring
- Environmental compartments of interest – freshwater, natural and semi-natural habitats and forest ecosystems (including integrated monitoring)
- Geographical coverage, frequency of sampling, participation by MS

Needs identified by COM to meet the requirements of the Directive:

- Increase the monitoring sites to ensure ecosystem representativity
- Increase the participation in each of the relevant networks (ICPs)
- Maintain the funding of the ICPs and the CCE

.....to be reinforced

Strengths of our WGE Monitoring Network (and modelling)

- Specific monitoring of air pollution impacts (S, N, O₃, HM, POPs)
- Fresh waters, forests, (semi-)natural vegetation, crops
- Co-location with Natura 2000 sites
- Harmonised methodologies and manuals
- Historical data sets
- Annex V indicators + additional ones
- Cost effective and Risk based
- Linked to EMEP monitoring and modelling

Weaknesses

- Not enough territorial coverage, ecosystem representativity
- Not (yet) a single joint network

NEXT

- 3rd Joint Session of the EMEP-SB and the WGE (11-15 September 2017)

Title of Document	Symbol	Date of submission	
		to the WGE Chair	to the Secretariat
2017 Joint Report	ECE/EB.AIR/GE.1/2017/3– ECE/EB.AIR/WG.1/2017/3	31st May	
Technical report of ICP Waters	ECE/EB.AIR/GE.1/2017/12– ECE/EB.AIR/WG.1/2017/5	31st May	31st May
Technical report of ICP Integrated Monitoring	ECE/EB.AIR/GE.1/2017/15–ECE/EB.AIR/WG.1/2017/8	1st June	1st June
Draft Workplan 2018-2019	ECE/EB.AIR/GE.1/2017/20– ECE/EB.AIR/WG.1/2017/13	20th May	
Mandates (Draft version)	(As informal document)	ASAP	

- Other issues

Collaboration with NEC Directive (to be confirmed)

- Workplan 2018-2019
- ICP Mandates
- Further integration of activities under EMEP and WGE
- Closer cooperation between centres and TF
- Improve communication (at national level)

Thank you for your attention !