



Updates from the chairs - ongoing issues in Working group on effects

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EMEP/WGE 2017

- Status of CCE programme centre
- CCE: Update of critical loads for sulphur and nitrogen and progress on critical loads on biodiversity.



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EMEP/WGE 2017

- Cooperation between ecosystems-related ICPs (Forest, Waters, Vegetation and IM) and EU regarding the revised NECD
- Develop guidelines for monitoring ecosystem effects based on the experience gained by WGE and its subsidiary bodies and the related documents developed by the Convention
- Presentation of prototype for a common WGE portal. Will be further developed by Aarhus University in collaboration ICPs

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EMEP/WGE 2017: Thematic sessions

- 1. Linking different spatial scales of air pollution — from hemispheric to urban**
- 2. Ecosystem monitoring**
 - The present monitoring programmes are of high quality (harmonization, quality assurance and parameter selection) and covers different levels of monitoring
 - The coverage in ecosystem types is limited, with a focus on forest and freshwater. Needs to be expanded

EMEP/WGE 2017

- Recommendations from the policy response group
 - input for the revision of the long-term strategy for the Convention to be elaborated in 2018.
- Approved the draft science part of the 2018–2019 workplan for the implementation of the Convention
- The mandatory yearly activities moved from WP to updated mandates

Joint Meeting of the Extended Bureaux of EMEP- SB and WGE 2018

19-21 of February
Madrid Spain

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Policy review groups recommendations for WGE/EMEP

A. Enabling Sound Policy Decisions

- 1. Human health effects (1,2,3,4)
 - Important to continue to assess health effects (PM, Ozone, HMs, POPs, Hg....)
- 2. Integrated environmental policy (5,6,7)
 - Continue developing the multi-effect, multi-pollutant framework
 - Ozone-nitrogen-climate-biodiversity interactions
 - Further science and policy work is needed
 - Communicate and cooperate with climate, biodiversity policies

Policy review groups recommendations for WGE/EMEP

C. Improving the Technical & Scientific Basis

1. Emission data

- Completeness, accuracy, review and verification

2. Dispersion modelling (72)

- EMEP/WGE cooperation on modelling and mapping atmospheric deposition
- More work on unintentionally released POPs (UPOPs)

3. Scope of monitoring and challenges to the existing monitoring systems (75)

- Parties should maintain or extend monitoring activities in their own interest
- Improve QA/QC

Policy review groups recommendations for WGE/EMEP

C. Improving the Technical & Scientific Basis

4. Improving the functioning of the Working Group on Effects and EMEP and their subsidiary bodies

- Improve access to data (77)
- Harmonizing technical standards (78)
- Integration of work & and new financial mechanism (79, 80)

5. Linked, multipurpose monitoring under the Convention (81,82,83,84)

- Intensify links between networks, harvest synergies considering limited resources

Policy review groups recommendations for WGE/EMEP – effect focus

- Airborne effects of HMs and POPs, taking into account work under related global conventions (4)
- Empirical ecosystem **research on dose-response** functions for ozone and nitrogen (6)
- Which links between climate change, carbon and nitrogen biogeochemistry and POP/HM biogeochemistry are most policy relevant (7)
- Implementation of strategies for cooperation on modelling and mapping between MSC-E and –W with ICPs (70)
- Keep up or extend **monitoring activities** (73)
- Cooperation with priority regions & working with international bodies (119-127, 129, 131-138)

For separate ICP session

- How can we adapt to the recommendations given by PRG?
- Is there a need to adapt our WP for 2019/2020?

Thanks for your attention

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