

TFIAM49 intro

Online meeting - 20-24 April 2020

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Goals of the meeting

- Exchange of national and international experiences in integrated assessment modelling
- Taking stock of workplan deliverables:
 - Ammonia report
 - Report on Costs of Inaction
 - Note of PM-measures that also reduce black carbon
 - Progress of the Expert Panel on Clean Air in Cities
- Preparation for the review of the Gothenburg Protocol
 - To what extent will we meet long term targets in 2030 and beyond?
 - Research questions to be answered & actions to be taken

Some developments since TFIAM48

- Progress reported at WGSR (May 2019) and EMEP-SB (Sept 2019) → *include transboundary impacts in assessing national policies*
- 1st meeting Expert Panel on Clean Air in Cities (Bratislava, 27 Nov)
- 40 yrs anniversary/EB-meeting (Dec 2019) → *negotiation simulation*
- Integrated Assessment webinar with Canada (27 Feb 2020)
- Virtual workshop on condensables (17-19 March) → *gap filling method for domestic heating*
- Virtual meetings EMEP-SB and WGSR bureaux → *info needed for review Gothenburg Protocol*

“Urbino” questions



The Urbino Questions

posed by Andre Zuber (EC DG ENV) at the ACCENT Symposium, Urbino, Sept, 2005

Joint Research Centre

- How will hemispheric background levels of ozone change over Europe over the next 20 to 30 years?
- How well can we quantify the relations of air pollution levels between the regional, urban background and street canyon scales, for PM10, PM2.5 and ozone?
- What is the contribution of natural sources to air pollution in Europe?
- What is the contribution of secondary organic aerosols to PM2.5 in various parts of Europe?
- *Were biases introduced in the analysis leading to the TS on AP, because of the above uncertainties?*

WGSR-list (ECE/EB.AIR/WG.5/122 – annex I, May 2019)

1. Black carbon
2. Gaps in emission inventories
3. Metrics for health impacts; ozone damage
4. Linkages air pollution - climate change – biodiversity (also non-forest)
5. Trends – adequacy of current obligations/policies
6. Costs and benefits of additional actions (costs of inaction)
7. Options for flexibilities