

# Progress report

# Integrated Assessment Modelling

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# Outline

- Status report of work plan items 2020-2021
- Some of the activities 2020
- Main conclusion of the 49th TFIAM

# Work Plan items 2020-2021

1. Review/update cost-data (*with TFTEI*)
  - a) *Input needed from Parties; No action as of yet.*
2. Report on “cost of inaction” (*with TFTEI*)
  - a) *Under finalization*
3. Assessment report on Ammonia
  - a) *Draft delivered November 2020*
4. Note on PM-measures that also reduce BC
  - a) *Draft delivered November 2020*
5. Local air quality management (expert panel)
  - a) *Second meeting on the 29<sup>th</sup> of September 2020*

# Some of the activities 2020

1. CLRTAP webinar with experts from Environment & Climate change Canada and Health Canada (Feb 2020)
2. NMR Workshop on Condensables (March 2020)
3. 49<sup>th</sup> Task Force Meeting (April 2020)
  - see: [www.iiasa.ac.at/TFIAM/past-meetings.html](http://www.iiasa.ac.at/TFIAM/past-meetings.html)
4. Second EPCAC-meeting (Sept 2020)
5. Presenting IAM and air quality at the high-level EU/Bosnian Conference on a Clean Environment and a Healthier Future (Oct 2020)
6. Support of the Gothenburg Protocol Review Group (ongoing)
7. Setting up of the National Network on Integrated Assessment Modelling
8. Organisational challenges due to reorganisations at IIASA

# Main messages 49<sup>th</sup> TFIAM

1. The overall impression of the discussions at TFIAM 49 is that current international air pollution targets will be met for the pollutants other than ammonia.
2. Correspondingly, any future revision targets can be more ambitious than current targets
3. By 2030, GAINS model analysis show that the WHO guideline for annual average concentrations of PM<sub>2.5</sub> will be exceeded only in Northern Italy and parts of Poland, much due to secondary particulate matter
4. Also ozone will remain a problem for human health and crops and NO<sub>x</sub> emissions from international shipping can be expected to be larger than those from land-based sources.
5. An integrated approach to air quality management, climate and energy policy as well as agriculture and food policy could offer multiple cobenefits
6. 50<sup>th</sup> TFIAM meeting is provisionally scheduled for 19-23 April (virtual)