



TFIAM-CIAM

Work plan 2024-2025 for the implementation of the Convention

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TFIAM & CIAM 2024/2025 work plan

≈ 25 specific tasks on the work plan matching the areas of the TFIAM mandate

- Integrate knowledge from science bodies in an integrated assessment framework and support the policy process with scenario analyses
- Produce special reports on request
- Stimulate national integrated assessment capacity and exchange experiences

Priorities for 2024/25 are on support to the Gothenburg Protocol revision process

- Integrate knowledge from science bodies into the IAM framework and further develop GAINS to enable scenario analysis replying to questions from WGSR, EB, and parties
- Provide documentation informing policy decisions

Requests received from WGSR61 & EB43

Policy Brief

- “Analysis on potential implications of introducing collective risk-based targets for the UNECE region to address air pollution impacts on health and ecosystems”
- Following work by TFIAM/CIAM assessing the attainability of a 50% reduction target for health-risks as suggested during the Saltsjöbaden-VII meeting
- Request to assess the feasibility of reaching a 50% improvement also for ecosystems

Policy brief on potential targets to reduce risks for health and ecosystems

- First version provided to EB43 as [informal document](#)
 - Focus on reaching a 50% improvement in health impacts from PM_{2.5} in 2050
 - Reductions of health & environmental impacts in line with CLE, MTR, LOW projections
- Comments requested by EB by 3 February 2024
 - Comments received from EU&MS, CH, UK
 - Comments received from TFIAM expert (UBA DE)
- First updates planned for WGSR62
- Informal document destined to evolve with modelling and assessments throughout GP revision (2024-2026)

➡ Presentation by Rob

Examples of further possible scenarios

- Optimized scenarios (gap-closure % between CLE & MFR/LOW)
 - Analyses for ecosystems (biodiversity)
 - Analyses for reduction in O₃ health effects and for combined PM_{2.5} O₃ health effects
 - Scenarios targeted on health improvement in large cities, including local measures
 - Including sensitivity for new scientific findings, e.g., condensables, soil-NO_x, VOC from livestock and crops
 - With and without additional “equity” restrictions on the maximum costs/GDP and/or health indicator improvement
- Projections
 - Explore staged/phased approaches
 - Benefits of hemispheric measures to reduce ozone precursors including methane for health and ecosystems
 - Impact of targets for marine ecosystems
 - Impact of N management policies

Guidance needed on priorities for scenarios

- WGSR, EB

- See also the Draft plan for the revision of the Gothenburg Protocol, as amended in 2012

➔ Presentation by Till

Further TFIAM documents for 2024 and 2025

- Draft guidance document on NTMs and structural measures to EB44
 - Approaches to assessment and examples of successful implementation of such measures
 - Cooperation with TFRN (e.g., on dietary change)

=> draft to TFIAM53, summary to WGSR62 ➡ Presentation by Rob & Stefan
- EPCAC position paper on multi-level modelling
 - Draft by summer, workshop in autumn, final version in 2025

=> Outline to WGSR62 ➡ Presentation by Guus & Martine
- TFIAM53 chair's report to WGSR62

Potential TFIAM specials

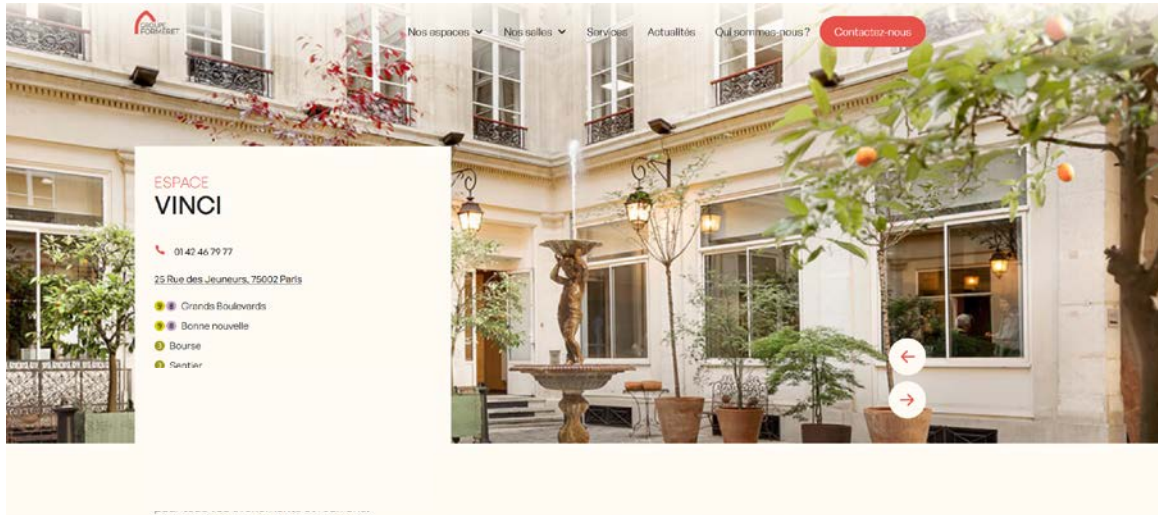
- Follow up on linkages with climate and biodiversity policies
- Equity (for discussion -> economic, health, social) and cost-effectiveness of policy strategies

Coordination with expert groups and exchange of experience

- Regular coordination with TFHTAP, TF-Health, TFTEI, TFRN, and FICAP
- Coordination with WGE, CCE, CDM ...
- Commonly engaging in outreach activities
- ! • Need for improving the exchange with representatives of non-parties
 - Technical and policy perspective

Meetings

- TFIAM53 on 15-17 April 2024 in Paris



- EPCAC 5 (September 2024)

Thank you!

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Presentations and conclusions from all earlier TFIAM and EPCAC meetings found at:

<https://iiasa.ac.at/TFIAM>

Annex

Detailed TFIAM & CIAM 2024/2025 work plan

Integrate knowledge from science bodies in an integrated assessment framework ...

- Review source-receptor methodologies (WP 1.1.1.5, TFIAM supporting MSC-W, TFMM, CIAM, TFHTAP)
- Update GAINS for simulating O₃ response to precursors' emission reductions (WP1.1.1.6, CIAM with MSC-W, TFHTAP)
- Consolidate evidence on health outcomes of air pollution (WP 1.1.1.32, TFIAM support TF-Health)
- Improve spatial distribution of emissions (WP1.1.2.5, CIAM support to CEIP)
- Integrate knowledge from science bodies in IAM framework and support policy process with scenario analysis (WP1.1.3.4, CIAM, MSC-W, TFHTAP, TFIAM)
- Update, refine, further develop GAINS (local health impacts, condensables, soil NO_x/NMVOC incl. implications for hydrogen economy, update emission projections incl. mercury (WP1.1.3.5, CIAM)

... support the policy process with scenario analyses

- Contribute to Gothenburg protocol revision (WP 1.1.3.0, TFIAM, CIAM, TFMM, MSC-W, CCC, TFHTAP, CCE, WGE)
- Support policy process with scenario analysis, incl. effects based/risk-based approaches (WP1.1.3.1, CIAM, MSC-W, TFHTAP, TFIAM, WGE)
- Ozone modelling for future scenarios (WP1.1.3.2, TFHTAP, TFIAM, CIAM, TFMM, MSC-W, ICP Vegetation)
- New global and regional model simulations of historical trends and future scenarios for Gothenburg Protocol pollutants (WP1.1.4.2, TFHTAP, TFMM, MSC-W, CIAM, ICP Vegetation)
- Assess implications of ammonia as an energy carrier & write information note (WP 2.1.7, TFRN with TFIAM, TFTEI)
- Examination of benefits and barriers to dietary change (WP2.1.8, TFRN with TFIAM)
- Provide further analysis on implications of introducing collective risk-based targets (WP2.1.12, TFIAM)
- Cooperate with Arctic Council and AMAP (WP1.3.8, CEIP, CIAM, MSC-W, secretariat)
- Coordination with Task forces and expert groups (draft WP 1.2.3)

Produce special reports on request

- Policy brief on multiscale modelling (WP2.1.4, TFIAM, TFICAP)
- Policy Brief on implications of introducing collective risk-based targets (WP2.1.12, TFIAM)
- Draft guidance document on NTMs and structural measures to EB (WP2.2.3, TFIAM with TFRN, TFTEI)
- Promote guidance documents (WP 1.3.10 and 2.2.1, with TFRN, TFIAM, TFTEI)

Stimulate national integrated assessment capacity and exchange experiences

- Stimulate national IAM capacity (WP 1.1.3.3, TFIAM), particularly in EECCA, Türkiye and West Balkan countries (WP1.2.2, MSC-W and CIAM with CEIP, TFIAM, TFTEI)
- Hold EPCAC meetings 5 and 6 (WP1.1.4.6, TFIAM with nominated experts)
- Promote/use multiscale modelling (WP2.1.4, TFIAM, TFICAP)
- Outreach of TFICAP (WP 1.3.1, TFEIP, TFIAM, TFMM)