

Our ref.: 5149-18/IPCC/TFI

Annexes: 2

To designated IPCC Focal Points and
Ministries of Foreign Affairs (MFAs)
(if no focal point has been designated)

COPY

Geneva, 8 February 2018

Subject: *Expert Meeting on Short-lived Climate Forcers (SLCF)*

Dear Sir/Madam,

I have the honour of inviting you to nominate experts to participate in the Expert Meeting on Short-lived Climate Forcers (SLCF) which will be held on 28-31 May 2018 at the Headquarters of World Meteorological Organization in Geneva, Switzerland.

At the 46th Session of the IPCC (6-10 September 2017, Montreal, Canada), the Panel approved¹ the proposal for an expert meeting on SLCF to discuss issues on estimation of emissions and estimation of climate effects, i.e. Option 2 in the submission as contained in the document IPCC-XLVI/Doc. 7 which is attached to this letter as Annex 1. In accordance with this decision, this expert meeting will be organized by Task Force on National Greenhouse Gas Inventories (TFI) and Working Group I (WGI) under the supervision of the scientific steering committee (SSC) established by TFI and WGI Co-Chairs.

The expert meeting will aim:

- To review existing methodological work to estimate emissions of SLCF (e.g. studies on measurement methods, methodological guidance developed by other organizations, inventories that were actually produced by some countries) with a view to considering suitability for the IPCC to develop methodological guidance;
- To consider which species of SLCF should be prioritized in the possible future work to develop inventory methodology, taking account of uncertainties in emission estimates and possible applicable common metrics as well as the extent to which it will contribute to inform decision making in mitigation policies and measures;
- To consider how the inventory methodology on SLCF would relate to the existing inventory methodology on greenhouse gases (What kind of elements in the existing GHG inventory methodology can or cannot be applied to SLCF?);
- To identify gaps in scientific understanding on estimates of SLCF emissions that need to be filled in by scientific research community;
- To review existing methodological work to quantify the global radiative direct and indirect effects of SLCF, with a focus on new developments since the 5th Assessment Report of the IPCC;

¹ Decision IPCC/XLVI-6.

- To identify gaps in scientific understanding on estimates of direct and indirect climate effects of SLCF on radiative forcing and climate response, including implications on clouds, that need to be filled in by scientific research community.

It should be noted that inventory methodologies on methane and halogenated species such as hydrofluorocarbon (HFC) are already well covered by the *2006 IPCC Guidelines for National Greenhouse Gas Inventories (2006 IPCC Guidelines)* produced by TFI as well as the on-going work by TFI to refine the *2006 IPCC Guidelines*. Therefore this expert meeting will focus on the issues on the other SLCF (aerosols and precursors)².

The outcome of this expert meeting will serve as a basis for proposal on future TFI work that will be made by TFB to the IPCC Panel. Also, as this expert meeting also discusses the climate effects of SLCF, the outcome will be made available for the chapter on SLCF (Chapter 6) in the WGI contribution to the 6th Assessment Report (AR6)³.

In order to achieve the aims mentioned above, this expert meeting requires attendance of the following types of participants.

- National greenhouse gas inventory experts who are familiar with TFI work
- Inventory practitioners who have experiences of developing SLCF emissions inventories
- Experts engaged on methodological work to quantify SLCF emissions
- Experts on monitoring SLCF atmospheric concentrations, sources and emission trends at sectoral/regional and global scale
- Experts on global radiative forcing (via direct and indirect effects) and emission metrics of SLCF
- Experts on local/regional climate effects of SLCF
- Experts on co-benefits of SLCF mitigation (health, crop yields, ecosystems)
- Users of SLCF emission inventories (Policy makers)

In order to nominate an expert, you are kindly asked to submit his/her **curriculum vitae (CV)** and the **nomination form** attached to this letter (Annex 2) with necessary information filled in.

Nominations should be sent no later than **Wednesday, 7 March 2018** by e-mail directly to:

Technical Support Unit
IPCC Task Force on National Greenhouse Gas Inventories
c/o Institute for Global Environmental Strategies
2108-11, Kamiyamaguchi, Hayama, Kanagawa
240-0115 Japan
Email nggip-meetings@iges.or.jp (not to the IPCC Secretariat)

It should be noted that only nominations received from IPCC Focal Points, members of IPCC Bureau or members of Bureau of TFI will be accepted.

Based on the nominations received, the SSC will prepare the list of invitees, to whom an invitation letter to the expert meeting will be sent in late March. The list of participants and the outcome of this expert meeting will be reported to the IPCC at its 48th Session in Autumn 2018.

² Black Carbon, Organic Carbon, PM2.5, NO_x, CO, NMVOC (including BVOC), SO₂, NH₃.

³ The approved outline of WGI contribution to AR6 is available at:
http://www.ipcc.ch/meetings/session46/AR6_WGI_outlines_P46.pdf

A copy of this letter is being sent for information to the Ministry of Foreign Affairs and to the Permanent Representatives from your country to the World Meteorological Organization and to the United Nations Environment Programme.

Yours sincerely,

A handwritten signature in black ink, consisting of a large, stylized 'A' followed by a smaller 'M' and a final flourish.

(Abdalah Mokssit)
Secretary of the IPCC