

# The first EU-BC Action Technical Workshop

2-4<sup>th</sup> May 2018, IIASA, Wodak Room  
Schlossplatz 1, 2361 Laxenburg, Austria

## Scope

This meeting will serve as a kick-off meeting restating objectives/goals of the project, go through all key deliverables (especially within the first 1.5 years of the project), and discuss the connection/harmonization between the work packages and different (internal and external) groups and ways of efficient communication. Focus will be on work to be conducted in 2018 under work-package 1, addressing BC inventory and reporting systems, monitoring and observation systems, and emission scenario development. Plans for the initial assessment of knowledge gaps and ways to fill gaps will be discussed. Finally, the involvement with and outreach to other applicable national and international groups and science and policy related activities will also be discussed.

## Provisional Agenda

2<sup>nd</sup> May, 2018

### *Note to remote participants<sup>1</sup>*

12:00 – Registration, coffee and light lunch (sandwiches)

12:30 – **Opening of workshop; review of objectives of the Action and its implementation work-packages** (AMAP and WP leads) (20 + 10 mins)

13:00 – **WP1 objectives and work-plan for the first year**

- Mapping of observation systems and outline for technical report (NILU) (12 + 5 mins)
- Mapping of reporting/inventory systems and outline for technical report (UBA) (12 + 5 mins)
- Scenario development knowledge gaps (IIASA and SYKE) (12 + 5 mins)

14:00 – **Identification of key knowledge gaps**

- Review of BC emission reporting within LRTAP (UBA) (12 + 5 mins)
- Emission reporting within Arctic Council (SYKE) (12 + 5 mins)
- Comparing LRTAP and Arctic Council reporting with IIASA estimates (IIASA) (15 + 5 mins)

15:00 – **Coffee break**

15:20 – **Identification of key knowledge gaps (continued)**

- Available emission data from other countries and scientific assessments
  - US perspectives on BC emissions reporting and knowledge gaps (presentation by Rich Mason/Rob Pinder, US-EPA) (12+5 mins)
  - Canadian perspectives (Environment and Climate Change Canada) (12 + 5 mins)
  - Perspectives on Russian BC emissions (Meredydd Evans, PNNL) (12 + 5 mins)
  - Other perspectives (co-applicants/etc.) (12 + 5 mins)
- Emissions from shipping (FMI/ICCT) – inventory/reporting (12 + 5 mins)
- Ethane- Propane emissions – oil and gas industry (Lena Hoglund, IIASA) (12 + 5 mins)
- Domestic/residential burning (IVL) – inventory/reporting (12 + 5 mins)
- Open burning (Jessica McCarty) – inventory/reporting (12 + 5 mins)
- General discussion and Wrap-up for day

17:45 – **Return to the hotel**

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<sup>1</sup> Remote connection (Webex) will be available from throughout the meeting; remote participants can connect/leave at any time. Specific slots for remote presentations are as indicated in the agenda. Connection instructions, including information on possibilities to test connection in advance of the workshop will be circulated in a separate message.

**08:15 – Departure from the hotel (bus)**

**09:00 – Identification of key knowledge gaps (continued)**

- Introduction - Spatial proxies (IIASA/SYKE)(5 min)
  - Gregor Kieseewetter: population-based proxies (IIASA) (5+5 min)
  - Ville Veikko Paunu: sector proxies (SYKE) (5+5 min)
  - Frits Steenhuisen: point-sources and related proxies (ACUG) (5+5 min)
  - Jessica McCarty: open burning (5+5 min)
- Discussion

**10:00 – Filling **gaps (existing and future projects)****

- Questionnaire to LRTAP experts (UBA/IIASA)
- Connecting to other national and sectoral activities
  - US and Canada – existing/planned projects addressing knowledge gaps (US EPA/ECCC slides) (5+5 min)
  - National air pollution plans towards compliance with NECD and EU reporting requirement (SYKE) (5+5 min)
  - Combined heat/cooking stoves (ICCI) (5+5 min)
  - Residential/domestic heating (IVL) (5+5 min)
  - Open burning – Jessica McCarty
  - Other relevant projects (Carbon Limits, NILU, Russia, others?)
- Discussions

**12:30 – Lunch**

**13:30 – Scenarios and Projections**

- Timeline (harmonization with other activities) (IIASA/SYKE/AMAP) (15 mins)
- Baseline scenario(s) (IIASA/SYKE) (10+20 mins)
  - Harmonization with guidance document work under other WPs (especially WP3)
  - Outreach and connection to modelling activities, etc.
- Emissions from open burning: scenarios/projections (Jessica McCarty) (10+5 mins)
- Emissions from shipping: scenarios/projections (FMI/IMO) (10+5 mins)

**15:00 – Coffee break**

**15:20 – Scenarios and Projections (continued)**

- Emissions from shipping: scenarios/projections (Canada/PAME-IMO/Russia) (15 mins)
  - China's outlook on Arctic shipping (Arild Moe-FNI) (10+5 mins)
- Emissions from the oil and gas sector: scenarios/projections
  - Emissions from flaring (Matthew Johnson) (10+5)
  - Emissions from oil and gas industry (Carbon Limits/IF-RAS) (20+5 mins)
  - Emissions from oil and gas industry (US EPA) (10+5 mins)
  - World Bank-GGFR initiative (GGFR) (10+5 mins)
- Policy/mitigation scenarios
  - Design and key assumptions (IIASA/SYKE) (10+5 mins)
  - Consultation and communication of policy scenarios to the EU/EGBCM (workshop in connection with EGBCM fall 2018?) (5 mins)
  - Harmonization with work under other WPs (especially WP3)
  - Outreach and connection to modelling activities, etc.

**17:45 – Return to the hotel**

**19:00 – Joint dinner (Restaurant booking [in Vienna] will be organized by IIASA)**

4<sup>th</sup> May, 2018

8:15 – **Departure from the hotel (bus)**

09:00 – **Agreed actions on planned WP1 deliverables in 2018**

09:30 – **Increased awareness and knowledge sharing**

- Providing scenarios for modelling work (AMAP/PACES/NILU/CICERO/...)
- Policy and scientific meetings (incl. Saltsjøbaden outcomes)
- Awareness, communication and information campaigns
- Web platform (internal and external communication)
- Other

11:00 – **Planning further workshops**

11:30 – **Project management (outstanding contract/reporting issues, etc.)**

12:30 – **Lunch**

13:30 – **Final remarks/close of the meeting**

14:00 – **Departure from IIASA to the airport/hotel**

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## Accommodation

Please make your own **booking of the hotel**. Here is a list of the recommended hotels which are located in the vicinity of the main railway and bus station and there is public bus providing a regular service to Laxenburg. We are considering organizing a bus that could be provided for the evening of 2<sup>nd</sup>, the 3<sup>rd</sup>, and morning of the 4<sup>th</sup>. The bus would probably leave from the Motel One Wien-Hauptbahnhof at 8:15 on the 3<sup>rd</sup> and 4<sup>th</sup> May.

**Hotels:** We can recommend this chain: <https://www.motel-one.com/de/hotels/wien/> they have four hotels in Vienna but the most convenient ones for their location are: *Motel One Wien-Hauptbahnhof* and *Motel One Wien-Staatsoper* (right in the city center). The price night/person is about 90 Eur incl. breakfast. We cannot make the individual reservations; the participants would have to make their bookings directly with the hotel. At the moment the hotel in Hauptbahnhof would have enough rooms free from 1 to 4 May but the reservations should be done as soon as possible.