

**IPCC EXPERT MEETING ON GOOD PRACTICE
IN INVENTORY PREPARATION:**

Energy, Transport and Fugitive Emissions

28-30 APRIL, PRAGUE, CZECH REPUBLIC

OBJECTIVES

- To examine the use of good practice in inventory preparation for the energy sector;
- To outline procedures for establishing the completeness, comparability, transparency and quality of national greenhouse gas inventories for the energy sector;
- To develop guidance on specific methodological and reporting issues related to the combustion and fugitive emissions
- To examine issues related to the assessment of uncertainty in the energy sector

PARTICIPANTS: Inventory experts, scientists, representatives from government, energy & industry, international and non-governmental organizations.

LOCATION: Lichtenstein Palace, Prague.

PRODUCTS: A meeting report, Proceedings

LOCAL ORGANISERS: SEVEn

AGENDA

DAY 1

Wednesday, April 28

Plenary Session

8:00 - 9:00		Registration and coffee
9:00 – 9:05	Chair (Taka Hiraishi and Buruhani Nyenzi)	Welcome, introduction
9:05 – 9:10	Ing. Eva Tylova, Deputy Minister of the Environment	Welcome address
9:10 – 9:15	N. Sundararaman, Secretary of IPCC	Welcome
9:15 – 9:20	T. Martinsen, IPCC	Overview of IPCC Guidelines Development
9:20 – 9:35	R. Acosta, UNFCCC	Issues from national communications, previous IPCC/SBSTA meetings
9:35 – 9:45	Dina Kruger	Outcomes from Paris, What we learned from Washington and Wageningen
9:45 – 10:00		<i>Discussion</i>
10:10 - 10:30	T.Pulles (NL)	Uncertainties in fuel combustion energy data and emission factors
10:30 - 11:00		<i>Coffee break</i>

Plenary Presentations by Break-out Chairs: (major issues and challenges)

11:00 – 11:15	T. Simmons (UK)	Stationary combustion - CO2
11:15 – 11:30	S. Amous (TUN)	Stationary combustion – non-CO2
11:30 – 11:45	S. Eggleston (UK)	Transport - road
11:45 – 12:00	M. Gillenwater (USA)	Transport - navigation/marine
12:00 – 12:15	K. Rypdal (NOR)	Transport - aviation
12:15 – 12:30	B. Irving (USA)	Solid fuels – fugitive emissions
12:30 – 12:45	D. Picard (CAN)	Oil and Gas – fugitive emissions
12:45 – 13:00	D. Kruger (USA)	Framework for the break-out groups

13:00 - 14:30

Lunch

14:30 - 16:00

Break out sessions

Group 1+2 /A	Stationary combustion (CO2) + RA + non CO2 emissions
Group 7 /B	Fugitive emissions (solid fuels)
Group 3 /C	Transport (road)
Group 5 /D	Transport (aviation)
Group 6 /E	Fugitive emissions (oil/gas)

16:00- 16:30

Coffee Break

16:30 - 18:00

Group 1 +2 /A	Stationary combustion (CO2) + RA + non CO2 emissions
Group 7 /B	Fugitive emissions (solid fuels)
Group 3 /C	Transport (road)
Group 5 /D	Transport (aviation)
Group 6 /E	Fugitive emissions (oil/gas)

Thursday, April 29

8:30 - 9:00 Meeting of Break-out Group Chairs - Assessment of progress

9:30 - 13:00
Break out sessions
Group 1 /A Stationary combustion (CO2) + RA
Group 2 /B Stationary combustion (non CO2 emissions)
Group 3 /C Transport (road)
Group 5 /D Transport (aviation)
Group 6 /E Fugitive emissions (oil/gas)

10:30 - 11:00
Coffee Break
Group 1 /A Stationary combustion (CO2) + RA
Group 2 /B Stationary combustion (non CO2 emissions)
Group 3 /C Transport (road)
Group 5 /D Transport (aviation)
Group 6 /E Fugitive emissions (oil/gas)

13:00 - 14:30 ***Lunch***

14:30 - 16:00
Break out sessions
Group 1 /A Stationary combustion (CO2) + RA
Group 2 /B Stationary combustion (non CO2 emissions)
Group 3 /C Transport (road)
Group 4 /D Transport (navigation/marine)
Group 7 /E Fugitive emissions (solid fuels)

16:00- 16:30 ***Coffee Break***

16:30 – 18:00
Group 1 /A Stationary combustion (CO2) + RA
Group 2 /B Stationary combustion (non CO2 emissions)
Group 3 /C Transport (road)
Group 4 /D Transport (navigation/marine)
Group 7 /E Fugitive emissions (solid fuels)

Friday, April 30

8:30 - 9:00 Meeting of Break-out Group Chairs - Assessment of progress

9:30 10:30
Break out sessions
Group 1 /A Stationary combustion (CO2) + RA
Group 2/B Stationary combustion (non-CO2)
Group 6 /C Fugitive emissions (oil/gas)
Group 4 /D Transport (navigation/marine)
Group 7 /E Fugitive emissions (solid fuels)

10:30 - 11:00

Coffee Break

Group 1 /A
Group 3 /B
Group 6 /C
Group 4 /D
Group 7 /E

Stationary combustion (CO₂) + RA
Transport (road)
Fugitive emissions (oil/gas)
Transport (navigation/marine)
Fugitive emissions (solid fuels)

12: 00 - 13:00

Lunch

Plenary Session (Taka Hiraishi and Buruhani Nyenzi)

13:00 – 14:00

Breakout Group Summaries - presented by Chairs

14:00 – 14:30

General Discussion

14:30 – 15:00 Jim Penman

Key Findings of Meetings

15:00 – 15:10 Dina Kruger

Next steps

15:10 – 15:20 IPCC

Closing of the meeting

15:30 - 16:00

Chairs session

AGENDA FOR BREAK-OUT GROUPS

Each half-day session is approximately 3 hours.

Break-out group chair:

Identify break-out chairs, involve them in the planning process. The chair should in the group present a summary of the IPCC Guidelines for their sources, including a discussion of the tiered approach (*10-20 minutes*), lead the discussions, report to the plenary, work on summary paper Good practice in Inventory preparation (3-5 pages) including decision trees By the end of the meeting the breakout group have to provide first order of drafts on good practice guidance for particular source. These will be subject of further revisions according the proposed time schedule

Presentation of national approaches

Depending on the size of the source and time allotted, this will consist of 1-3 presentations. The workshop and break-out chairs should try to identify candidates 2 weeks before the meeting. Each presentation should summarize a national approach to a source or sector, and identify main issues and problem areas. (*5-10 minutes each*)

1. **Background paper:**

Since this background paper will serve as the basis for substantive discussion on good practice guidelines, authors will need enough time to prepare a thorough report. This should be the first priority once the call for nominations has gone out. (*15 minutes in plenary, as needed in breakout groups*). The background papers have standard structure. After the revisions, the papers will be made available for all participants as proceedings

2. Discussion of issue areas

a: Methodological Approaches

Activity data & emission factors
Source split/aggregation - influence on the emission results
Outline preferred methods, discuss emission factors
Coverage of sources within a category, what should go to "Others";
Flag areas for double counting

b: Completeness

c: Inventory QA/QC

d: Uncertainty Assessment

Assess appropriateness of uncertainty techniques.
Assign default uncertainty estimates to activity data and, emission factors.

e: Reporting Issues

Transparency , balance between transparency and too much of data

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Review of formal UNFCCC and IPCC requirements

CBI, reproducibility etc

f: Identification of Priority Areas

new sources etc.

g: Assignment of Tasks

Responsibilities for completing work after the workshop ends