



ISWA/UNEP Workshop on GHG and SLCP Emission Quantification Methodologies September 19-20, 2013 Paris

On September 19-20, 2013 the International Solid Waste Association (ISWA) and the United Nations Environment Programme IETC (UNEP) will host a workshop in Paris on the quantification methods for greenhouse gas (GHG) and short-lived carbon pollutants (SLCP) emissions from waste activities.

A number of reliable reporting and quantification tools of GHG emissions from waste activities exist today. These tools all have varying objectives, boundaries and scopes (e.g. Life Cycle Assessment, Carbon Footprint, annual reporting tools, project methodologies; etc.). The choice of an accounting mechanism depends on the scope of the reporting, but all rely on the same basic operational data generated by specific waste management technologies.

Objective of the Workshop

The objective of the workshop is to bring together experts and practitioners to discuss and evaluate available GHG and SLCP emission quantification methodologies.

An aim of the workshop will be to gather input to establish guidelines for understanding and using the different approaches to evaluating GHG and SLCP emissions and how it can be applied with a focus on the city level. The guidelines will present the characteristics of the various tools: intended use; required input data; required user competence; ease of use; applicable waste activities; gases considered; geographic perimeter; etc.

The Workshop will include some introductory presentations to frame the discussions. Break-out sessions will be organised to allow the participants sufficient time to exchange on the identified themes.

UNEP and ISWA are hosting this event. Both organisations are Partners of the Climate and Clean Air Coalition (CCAC) Municipal Solid Waste Initiative. This Initiative was organized to be a catalysing force to reduce emissions of short-lived climate pollutants across the municipal solid waste sector by providing and implementing a comprehensive collection of resources for cities, including technical assistance, information exchange, networking, and training.

The CCAC is working with the world's largest leading cities to undertake a variety of efforts to tackle the largest sources of emissions from waste, including capping and closing open dumps, capturing and utilizing landfill gas, and proper waste handling, organics management and recycling.

A key starting point for these cities is the identification of appropriate quantification tools to demonstrate the emission reductions from the above referenced actions. The output from this workshop will be helpful for input into the CCAC work as well as other city programmes being implemented around the world.

Attached you will find the Workshop Programme. We welcome your comments and suggestions on this draft version.

We intend to provide an information package to the participants to prepare in advance of the workshop in order to make it as productive as possible. We will be sending subsequent communication to the interested participants over the next month.

We look forward to your participation and would appreciate if you could acknowledge that you will attend by sending an email to rwilliams@iswa.org by the 30th of August, 2013.

Sincerely,

Dr. Mushtaq Memon
Programme Officer
International Environmental Technology Centre
United Nations Environment Programme

Gary Crawford
ISWA WG WMCC Chair

DRAFT WORKSHOP PROGRAMME

DAY 1

09:00 Welcome and Introduction to Workshop Mushtaq Memon, UNEP; Gary Crawford, ISWA
09:15 Session 1: Emission Quantification, general principles Chair: Mushtaq Memon, UNEP
Introduction, Objective of workshop and desired outcomes Gary Crawford, ISWA, Veolia
Overview of GHG Quantification tools for the waste sector / Key factors/ indicators/ challenges to consider in emission quantifications Terry Coleman, ERM
Stratus Report – Evaluation of Quantification Tools Joseph Donahue, Stratus
DISCUSSION
10:20- 10:35 Coffee break
10:35 Session 2: Overview of Existing Quantification Tools & Evaluation Criteria Chair: Marlene Sieck, Federal Environment Agency
Tool Presentations (15 min for each speaker to present the strengths of their tools, possible upgrades for use at city level)
Solid Waste Management GHG Calculator –German Financial Development Corporation Regine Vogt - IFEU
GHG Calculator for Solid Waste - IGES Tool Nirmala Menikpura - Institute for Global Environmental Strategies (IGES)
EpE Waste Sector Protocol Alexandra Lalet, Suez Environnement
DISCUSSION <i>Review of tool characteristics: intended use; required input data; required user competence; ease of use; applicable waste activities; Gases considered; geographic perimeter; transparency; etc.</i>
Including other aspects in a quantification tool – going beyond long-term climate change with a focus on Short-Lived Climate Pollutants, including Black Carbon Johan Kuylenstierna, University of York
DISCUSSION
13:00-14:00 Lunch break
14:00 Session 3: Introductory presentation – CCAC Municipal Solid Waste Initiative – Hingman Leung, Environment Canada What do cities/users need in a quantification tool? Mushtaq Memon, UNEP
14:20 Session 3: Break-out sessions
Topic 1: Developing a quick evaluation calculator for initial City assessments
Topic 2: Establishing a more detailed City “Benchmark”
Topic 3: Key considerations for tool(s) for regular monitoring and verification
Topic 4: Key recommendations for quantifying fugitive landfill methane emissions (using existing first order decay models)

15:45- 16:00 Coffee break

16:00 Session 4: Key considerations for Emission Quantification at a City Level
(Summary of Break-Out sessions)

DISCUSSION

Conclusion

17:30 Day 1 Conclusions

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DAY 2

09:00 Welcome and Introduction to DAY 2 Programme
Gary Crawford, ISWA; Mushtaq Memon, UNEP

09:15 Session 5: Turning key considerations into guidelines for use of quantification tools

9:30 Break-out sessions (using same themes as Day 1)

10::45- 11:00 Coffee break

11:00 Continued Break-out sessions

12:00 Summary of Break-out sessions

Conclusion

13:00 Day 2 Conclusions and next steps

Close of Workshop