



MRR Guidance Project

Guidance Documents & Templates

Hubert Fallmann and Christian Heller

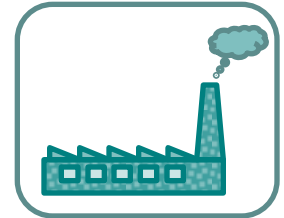
2nd Compliance Forum Event, 1 October 2012

Overview

- *Project status*
- *Highlights on achievements*
 - Documents and guidelines already endorsed by the CCC
 - Guidance and templates to be endorsed soon
- *Next steps*

Work program

Document	Status
General guidance document for installations	Endorsed
General guidance document for aviation	Endorsed
Monitoring plan template (Installations)	Endorsed
Monitoring plan templates (Aviation)	Endorsed
Biomass topics	Final draft for TWG
Uncertainty assessment	Endorsed
Sampling and analyses	Endorsed
Data flow activities and control system	1 st Draft
Further templates (Reports)	Under development

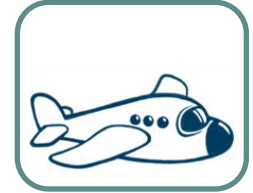


GD 1: General guidance for Installations

Content & Purpose

- *General introduction to MRV and the EU ETS compliance cycle*
- *Concepts and approaches: Tiers, monitoring approaches,...*
- *The monitoring plan – procedures, accompanying documents,...*
- *Calculation based approaches, CEMS*
- *Simplified approaches*
- *Hints at the more specialised documents*

Endorsed!



GD 2: General guidance for Aviation

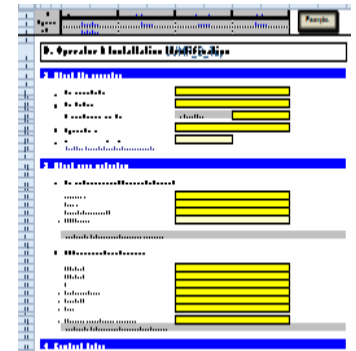
Content & Purpose

- *General introduction to MRV and the EU ETS compliance cycle*
- *Aviation specific topics (Scope of included aviation activities, identifying Aircraft operators, Administering MS ("The list"), relevance of t-km)*
- *Concepts and approaches*
- *The monitoring plan – procedures, accompanying documents,...*
- *Small emitter tools*
- *Hints at the more specialised documents*

Endorsed!

Monitoring plan templates

- *T1: MP for Installations*
- *T2: MP for Aircraft operators (Emissions)*
- *T3: MP for Aircraft operators (t-km)*
- *Excel based, easy to use*
- *T1 contains ample guidance and uses macros*
- *T2 and T3 almost same as in phase 2*
- *Translation into all EU languages*
- *MS may customize templates, if data requirements are at least the same*



Endorsed!



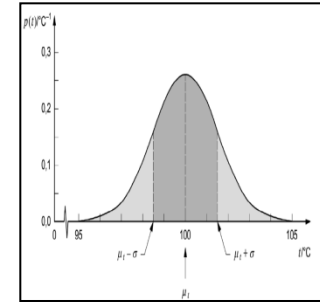
GD3: Biomass issues

Content & Purpose

- *Requirements for the zero-rating of biomass
→ Demonstrating compliance with sustainability criteria,
where relevant (bioliquids and biofuels)*
- *Determining the biomass fraction*
 - Analyses: EN 15440
 - Estimation methods
- *Other specific MRR rules on biomass (simplifications,
natural gas grids)*
- *Aviation specific aspects (purchase based system)*
- *Annex: Biomass materials*

Final discussion: TWG on 9 October

GD4: Uncertainty assessment

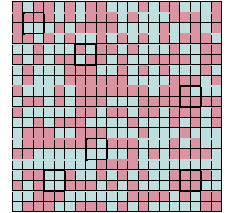


Content & Purpose

- *What is uncertainty*
- *How to calculate uncertainties (Annex with examples on the error propagation law)*
- *How to show compliance with tiers*
 - Instruments under operator's control
 - Instruments under supplier's control
 - Simplifications: National legal metrological control
 - Fall-Back: „IMPEL ETSG“ list

Endorsed!

GD5: Sampling and analyses

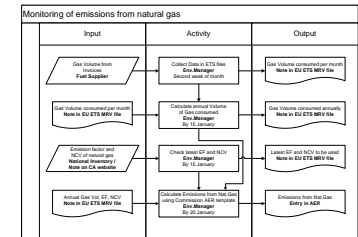


Content & Purpose

- *Context: Determination of calculation factors*
- *Developing a sampling plan (including a template in the Annex)*
- *Frequency of analyses, including:*
 - \neq frequency of sampling
 - Explanation of the "1/3 rule"
- *Equivalence criteria for non-accredited laboratories*
- *Online gas analysers*

Endorsed!

GD6: Data flow activities and control system



Content & Purpose

- *How to design data flow activities*
- *How to assess the risks*
- *How to mitigate the risks (setting up a control system)*
- *Minimum content of the control system*
- *Final risk assessment to be submitted with the MP*

Final discussion: TWG on 9 October



Next steps (1)

- *Reporting templates:*
 - T4: Annual emissions report for installations
 - T5: Annual emissions report for Aircraft operators
 - T6: Tonne-km report for Aircraft operators

Currently under development

First discussion: TWG on 9 October

Next steps (2)

- *Commission plans a follow-up project*
- *Elements to be considered for finalising guidance:*
 - First feedback from MS on experience with using existing guidance
 - Collect FAQs from MS and answer them
 - As appropriate, update existing guidance or complement the existing suite with further documents, templates, exemplars and tools



Next steps (3)

Possible topics for next project:

- *Templates for improvement reports*
- *Templates for notifying MP changes*
- *Compile a list of applicable standards*
- *Revise list of frequency of analyses*
- *Develop list of default values for biomass materials (if possible)*
- *Guidance on estimation methods for determining biomass in mixed fuels*
- *Collect best practices on various topics*
- *Refinement of existing GD and templates*
- *Etc.*

Next steps (4)

- *Assessment of Member State needs*
 - *Setting priorities will again be important*
- ***Once more, your input will be greatly appreciated***

Thank you for your attention!

Contact:

Robert.Gemmill@ec.europa.eu

Tiziana.Frongia@ext.ec.europa.eu