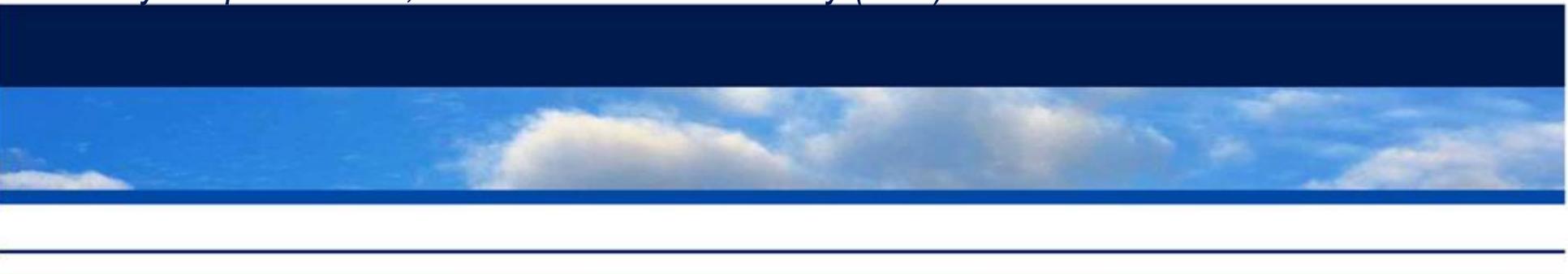


The logo for the Dutch Emissions Authority (NEA) features the lowercase letters 'nea' in a bold, dark blue sans-serif font. To the left of the letters are three horizontal lines of varying lengths, stacked vertically, which are part of the organization's branding.

Nederlandse Emissieautoriteit
Dutch Emissions Authority

Validation and monitoring issues as identified by the TF M&R (a selection)

by Jaap Bousema, Dutch Emissions Authority (NEa)



Monitoring issues (1)

Issue	Discussion
Uncertainty assessment	GD4 partly based on TF input, but still very complex. Specific cases brought in by MS.
Sampling & analysis	GD5 partly based on TF input. Key issues: representativeness and frequencies.
Supplier data	Both for activity data and analytical values, burden of proof is on the operator
Small emission sources & source streams	Many cases were discussed (acid gas, combusted solvents and VOCs). Generally agreed: all sources and source streams must be included
Lower tier approaches	Analytical values preferred to default factors

Monitoring issues (2)

Issue	Discussion
Non-standard methodologies	In exceptional cases specific calculation models/methods can be used (flares, vapours)
Data gaps	Best available data to be used, but estimation must be conservative. Paper in preparation
Inherent CO ₂ and CO ₂ transfer	When should inherent or transferred CO ₂ be reported?
Unreasonable costs	What costs should be taken into account (e.g. shut-down; current situation)?
Quality control of gas analysers	Need for further guidance, as in the MRG2007

Monitoring issues (3)

Issue	Discussion
PFCs	What tiers are to be applied? What are the costs of measuring campaigns?
Steel scrap	What calculation factors should be applied?
Oxidation factor	How to determine OF in case of biomass as additional fuel?
MP checklist	How are MPs checked? What are the priorities and tools used?

Upcoming (monitoring) issues

Issue

Soon:

Biogas injection in the national grid

Revision of Annex VII MRR (frequency of analysis)

Later:

Information exchange on site visits

Information exchange on improvement reports

AER validation checklist for CAs

Concluding remarks

- ✓ Many issues not fully covered by MRR and guidances, but very relevant for further discussion
- ✓ Very helpful to use other MS knowledge and experiences
- ✓ Agreement is often achieved within the task force
- ✓ Very useful to check claims by operators about practices in other MS

All canals are open to approach TF members with your experiences, issues and questions!



- ✓ Any other issues to be addressed in the Task Force?
- ✓ Any questions?