Topics driving us and our systems

BREF WI revision
BREF WI revision

• Call for reactivation of TWG on 12.5.2014
• Members of TWG nominated by 9.6.2014
• ‘Wish-list’ was submitted by 12.9.2014
• Background Paper sent on 10.12.2014; further comments to be made by 9.1.2015

• Kick-off meeting in Seville 19.-22.1.2015
• 86 participants from MS, Industry, NGO
• EIPPCB under strong pressure to finish review
Main conclusions

- Pre-treatment not in scope unless process-specific
- Treatment of fly ash and FGT residues not in scope
- Pyrolysis, gasification, plasma to be included in data collection; needs to be seen if sufficient information will be provided to draw conclusions
- Water consumption is not KEI (key environmental issue)
- BAT-AEL’s to be expressed as daily ave or ave over sampling period; no BAT-AEL on yearly ave
- Collect information on bottom ash TOC, composition, recovery of materials
- Potential BAT-AEPLs for TOC in bottom ash and recovery of materials; not on composition
Kick-off Meeting in Seville

Main conclusions

• Define clear system boundary for energy
• Collect data on energy consumption; on design energy recovery and actual performance
• Set BAT-AEPLs for design of new plants, to be verified during performance tests; set BAT-AEPLs on actual performance of existing plants
• 2014 as reference year for data collection; other years to be added if needed
• EIPPCB wants to restrict data collection to ‘well-performing’ plants; Industry and some MS want to include ‘all’ plants
Kick-off Meeting in Seville

Main conclusions

• Very controversial proposal by EIPPCB how to deal with air emissions

• Driver was a ‘focussed approach’ that they claimed is their duty acc. to a decision in Art. 13 Forum

• Focus only on those emissions/pollutants where either substantial progress has been made since the last BREF and/or where the sector is a ‘main’ source of emissions

• As WI is highly and strictly regulated since decades, it is known and accepted that emissions are for most pollutants not significant

• EIPPCB thus proposed the following categorisation of pollutants, seemingly ‘spontaneous’
Proposal by EIPPCB for air emissions

KEI – Key pollutants for emissions to air in the context of this WI BREF review (1/4)

TWG Conclusions

• In order to focus the review of the WI BREF, to distinguish environmental issues according to the following 3 categories:

1. Key environmental issues in the context of this WI BREF review:
   • NOx and NH₃
TWG Conclusions

2. Potential key environmental issues in the context of this WI BREF review, unless demonstrated otherwise by the data collection:

- TOC, PCBs, PCDD/F, PAHs including Benzo(a)pyrene
- Hg
- Dust and metals (in particular As, Cd, Tl and Sb)
- $N_2O$ primarily, but not limited to the $NO_X$ abatement
- $PM_{10}$
KeI – Key pollutants for emissions to air in the context of this WI BREF review (3/4)

TWG Conclusions

3. Issues not initially considered to be a priority in the context of this WI BREF review:
   - CO
   - SO\(_2\)
   - HCl, HF
   - CO\(_2\) and CH\(_4\)
   - PM\(_{2.5}\)

   • Where necessary for the TWG to confirm this initial consideration, to collect also information on pollutants in Group 3 in order to decide where those pollutants should be finally categorised.

   • Collect data through questionnaires on pollutants in group 1 and group 2.
TWG Conclusions

- The TWG will focus its work on deriving BAT conclusions including BAT-AELs on the confirmed KEI on the basis of the data collected through questionnaires.
- The TWG does not anticipate to set BAT-AELs, on those pollutants that are finally categorised in Group 3.
- This set of conclusions (slides 8, 9, 10 and 11) is not supported by: AT, BE, DE and IT.
Kick-off Meeting in Seville

Main conclusions

• This caused an uproar in the TWG; as this idea had never been mentioned in any of the documents provided previous to the KoM; no written proposal to consider in advance was on the table.
• MS were the first and most outspoken to voice their objection.
• NGO’s obviously want to drive emission limits down.
• Industry was hesitant because it was not clear what would happen with pollutants where no BAT-AELs could be derived; would the ones from the existing BREF stay?
• The categorisation of the pollutants was changed following discussions afterwards.
• Many more members of the TWG were listed as opposing.
• The consensus in the TWG is to collect all data and then decide.
• If EIPPCB shares this consensus??
Steps forward

- Sub-groups on ‘Data collection and questionnaire’, ‘Residues’ and ‘Energy’ have been established
- EIPPCB will lead the one on data collection; Markus Gleis from UBA the one on Residues; Energy will be chaired by CEWEP

- Draft Questionnaire by May 2015
- List of ‘well-performing’ plants by September 2015
- Questionnaire distributed by November 2015
- Deadline for data collection by February 2016
- 1st draft by December 2016
- Final TWG meeting in December 2017
Many thanks for your kind attention