Guidebook updates

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Chapters to be revised

Three chapters discussed here:
- 2.A.1 Cement production
- 2.C.2 Ferroalloys production
- 2.C.5.c Nickel production

Chapters were made available prior to this meeting via the Combustion & Industry website
2.A.1 Cement production

- 2009 Guidebook used draft BREF
  - This draft BREF is no longer available and replaced by a formally accepted BREF

- Cement chapter has been updated, removing all referencing to the draft BREF
  - Text was adjusted to reflect only the latest BREF
  - Tier 1 emission factors revised:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Old value</th>
<th>New value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSP</td>
<td>220</td>
<td>200</td>
<td>g/ton cement</td>
</tr>
<tr>
<td>PM10</td>
<td>200</td>
<td>180</td>
<td>g/ton cement</td>
</tr>
<tr>
<td>PM2.5</td>
<td>110</td>
<td>120</td>
<td>g/ton cement</td>
</tr>
</tbody>
</table>
2.C.2 Ferroalloys production

- At first, this chapter only had a Tier 1 emission factor table with an emission factor for dust.

- One Tier 2 technology added, reflecting production of ferronickel applicable to EECCA countries.
  - Emission factors for several pollutants including HMs.

- More work needed on this chapter.
  - Addition of Tier 1 emission factors for other pollutants.
  - Addition of multiple Tier 2 tables reflecting the different types of ferroalloys which are produced.
2.C.5.c Nickel production

- Chapter has been significantly expanded with 4 Tier 2 technologies (previous version had only Tier 1)
  - All new Tier 2’s applicable to EECCA countries
  - In contrast with Tier 1 which is more applicable to EU MS

- Tier 1 has been supplemented with some additional HMs taken from Tier 2
  - **Pro**: Tier 1 more complete in terms of pollutants and harmonised with Tier 2 available pollutants
  - **Con**: Tier 1 EFs from 2 different sources (applicable to different geographical regions)
Further procedure

- Revised chapters accepted by C&I EP and by TFEIP

- Revised chapters will be made available online and may be used for emission inventories

- The next official Guidebook update will be in 2012 when all official chapters available on the EEA website will be updated to the latest (accepted) versions available from the TFEIP