

IMPROVING WASTE SECTOR STANDARDS

Bonn, Germany 8 June 2011



Clare Loneragan, Associate Programme Officer
UNFCCC secretariat, Standard Setting Unit

The Mandate

” ...requested the Meth Panel to revise approved methodologies to further improve their objectivity, applicability, usability and consistency.“
[para 21, EB49]

Late last year the Methodologies Panel stated intention to develop and improve six standards related to solid waste sector [paras 9-11, MP47]



Why these standards?

- External stakeholders have asked for improvements
 - Supports CDM Management Plan 2011 (objectives 2d and 3a)
 - a) Consistency (anaerobic digester and composting emission sources)
 - b) Simplification (AM0025 and ACM0001)
 - c) Environmental integrity (SWDS Tool)
 - d) Usability and applicability (Flaring Tool)
 - e) Underrepresented project regions (increase potential)
 - Tools are a priority sector identified by the EB (new anaerobic digester and composting tools)
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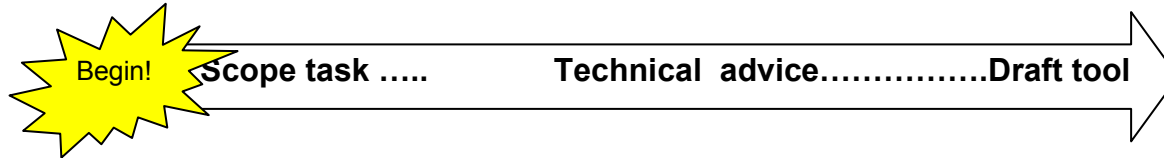


Progress and workplan

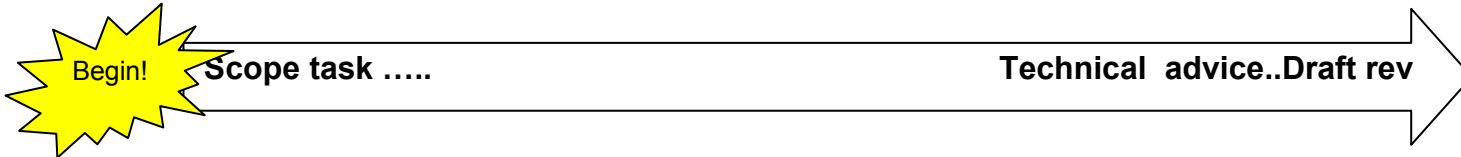


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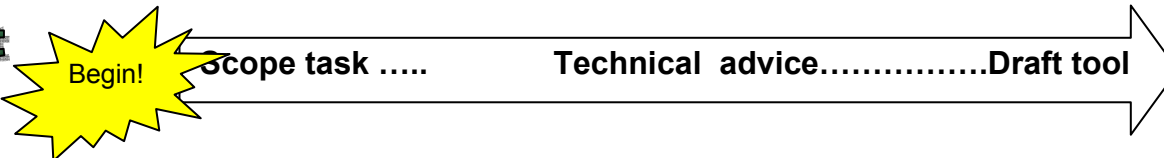
**SWDS
Tool**



**Flaring
Tool**



**Compost
Tool**



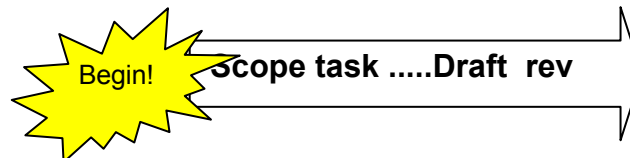
**Anaerobic
digester
Tool**



AM0025

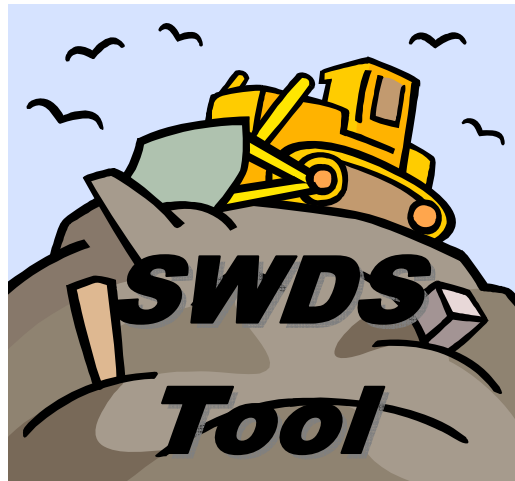


ACM0001



Results so far - SWDS Tool

- Methane oxidation factor (OX) – site specific measurement techniques appear not mature enough
- Measurement techniques for decay rate (k) and degradable organic carbon (DOC) – several options to consider
- First order decay model – not replacing, but reducing uncertainties



Results so far - Composting Tool

- Default factors for CH₄ and N₂O emissions – IPCC or other?
- Monitoring procedure for measuring emissions – do any good ones exist?
- Applicability conditions – emissions depend on how well the composting system is operating
- Applicability - technologies, scale, waste types



Results so far - Anaerobic digester tool

- Ignore nitrous oxide emissions – or technology specific?
- IPCC default values – most conservative option
- Include different applications of the digestate



Objectives for this workshop session

- Ability for stakeholder input to inform all tasks
- Specific issues and solutions particularly useful
- Opportunity to take a holistic look at the sector and its future



Thank you and looking forward to the upcoming discussion

Ongoing comments? Please submit through the online commenting system.

