

Agenda item 4.1

Draft Standardized baselines Landfill gas capture and flaring in five countries

CDM EB 84

Bonn, Germany, 25 to 28 May 2015



- Initial submissions of PSBs were received as follows:
 - (a) PSB0014 “Landfill gas destruction in **Sao Tome and Principe**”;
 - (b) PSB0015 “Landfill gas destruction in **the Dominican Republic**”;
 - (c) PSB0016 “Landfill gas destruction in **Antigua and Barbuda**”;
 - (d) PSB0017 “Landfill gas destruction in **Belize**”;
 - (e) PSB0022 “Landfill gas destruction in **Grenada**”.
- Following the due process including review and assessment by two members of MP and SSC-WG, secretariat recommended the PSBs for approval;
- A Board member spotted un clarity and proposed that the SB is discussed in the Board.

PSBs in five countries (1)

- PSBs confirm the baseline of landfill gas released into the atmosphere in the respective host Parties.
- These PSBs are based on the “Guidelines for the establishment of sector specific standardized baselines” version 2.0 (SB guideline), which states that if the level of methane destruction undertaken by a measure is higher than what is mandatory and enforced in landfills, then that measure (or project activity) of methane destruction is additional.
- The SB guideline further states that the baseline level of destruction in landfills is the percentage of methane formed that is mandated and enforced for destruction. Furthermore, baseline emissions may be determined based on the monitoring of the actual amount of methane captured.



PSBs in five countries (2)

- These standardized baselines apply the guidelines above, and are therefore limited only to methane destruction measures, and do not allow LFG utilization for heat or electricity production, which would fall under fuel switch measures.
- The standardized baselines refer both to ACM0001 and AMS-III.G for calculation of emission reductions.



Issues raised and response (1)

A. The standardized baselines propose to replace the parameter $F_{CH_4,hist,y}$ in ACM0001. This parameter refers to the specific situation where prior to the project implementation landfill gas was already captured - however, this does not seem to be consistent with the scope of the standardized baseline which is to determine the amount of methane that is required to be destroyed due to requirements, which in the methodology is denoted as $F_{CH_4,BL,R,y}$.

Response :

1. The SB address two cases in the table 3, i.e case 1 and case 3 .
2. Include in the table F_{CH_4} in the SB replaces $F_{CH_4,BL,y}$ in ACM 0001 or delete the table and specify F_{CH_4} as per the regulations and/or contractual arrangements is Zero.



Issues raised and response (2)

B. The standardized baselines define the parameter to be standardized as F_CH4 (para 14) but then list a different parameter in the table of standardized parameters (F_CH4,reg,y).

Response :

- Editorial correction to be implemented prior publication if approved.



C. The secretariat has conducted an initial assessment. In the available documentation on the standardized baselines I could not find any statement confirming that the substantial information (no regulations are in place and enforced) has been checked materially. It would be good if this could be confirmed.

Response :

- For all the host countries proposed for approval, secondary data sources are available in addition to the copy of the legislation and certification by respective DNA.
- List of the secondary sources are to be appended or mentioned in the cover note for future cases.

Issues raised and response (4)

D. In the case of the Dominican Republic, a regulation is quoted in the DNA letter which seems to require landfill gas capture under certain conditions. It is not fully clear what is the basis for assuming that no landfill gas would be captured in the country due to regulatory requirements. If this is due to enforcement problems of the regulation, this may need to be made more explicit.

Response :

- The legislation text: "The regulation in the Dominican Republic allows "if the gas collected cannot be used to produce energy, it must be treated by venting" (regulation text from the DNA submission). The regulations do not mandate LFG destruction/utilization“, also the issue of enforcement exists.
- The secondary evidences confirm that no flaring is occurring in the host country of Dominican republic except for the registered LFG project, where in the 365 land fill sites are assessed and none had any capture system.



Impacts

The standardized baselines, if adopted, will facilitate the development of methane flaring CDM projects in landfill sites in the respective host Parties. Project proponents will enjoy better predictability of their project registration and will benefit from shorter process times and reduced costs.



Recommendations to the Board

It is recommended that the Board adopts the standardized baselines as proposed.

