



**Approved baseline and monitoring methodology /
methodological tool clarification response form
(Version 03.0)**

INFORMATION TO BE COMPLETED BY THE SECRETARIAT OR PANEL / WG

Date and number of Panel / WG meeting:	2–4 and 11–13 November 2020 / MP 83
Title/Subject of the request for clarification:	Clarification request on the use of RDF in waste to energy project applying ACM0022
Reference number of the request for clarification:	AM_CLA_0287
Exact reference (number, title and version) of the methodology or methodological tool to which the request for clarification applies:	ACM0022: Alternative waste treatment processes --- Version 2.0
Fast track or Regular track:	<input type="checkbox"/> Fast track <input checked="" type="checkbox"/> Regular track

Summary of the request for clarification

Quote from original text from the submission:

This is with reference to waste to Energy projects where RDF used along with fresh waste in Direct Incineration technology

Project Description:

The Waste to Energy project designed for operating at 600 TPD capacity and generate 8 MW electricity to export into the grid through direct incineration technology. The project activity is able to source around 300-400 TPD fresh waste and procure Refused Derived Fuel from various parts of India to make up the input capacity and operate the plant.

The methodology does not mention of the use of RDF as input along with the fresh waste in the applicability criteria. There is a notification for Solid Waste Management in India that around 12-15% of RDF usage as input is accepted and majority of the projects in India use RDF as input feed along with fresh waste. 12-15% of RDF usage as input is accepted and majority of the projects in India use RDF as input feed along with fresh waste.

Methodology Requirement:

As per methodology, for Incineration treatment-fresh waste is Applicable types of wastes that may be treated. Thus, methodology is not directly allows for RDF use.

The methodology have two components. One is Emissions from decomposition of waste at the SWDS and other is Emissions from electricity generation. For RDF procured component, Since PP do not know about how it is produced and that is not in project boundary. Thus, emission reductions will be claimed for use of RDF for power generation through incineration technology.

Query:

1. Can methodology allows use of RDF as fuel along with fresh waste for Incineration technology
2. Can PP calculate the emissions reductions considering the use of both type of feeds i.e a) Fresh Waste for methane avoidance and Electricity generation component and b) RDF for Electricity generation component
3. If above options are not possible, Can PP claim Emissions from decomposition of waste at the SWDS for 100% of fresh waste quantity and % of electricity generation from fresh waste only to make this option as conservative approach.

Clarification by the secretariat or Panel / WG

The Methodologies Panel (MP) of the CDM Executive Board would like to thank the author for the submission.

The MP agreed to clarify that:

- a) The methodology is applicable to project activities that implement alternative waste treatment options, including, i.e. thermal and mechanical treatment of fresh waste to produce refuse-derived fuel (RDF). It defines RDF as a fuel which is derived from the mechanical and/or thermal treatment of waste and which is used in an incineration or co-incineration process;
- b) The methodology allows the estimation of emission reductions for RDF that is produced from fresh waste under the project activity, however it does not contain provisions applicable to the use of RDF from sources that are beyond the project boundaries.
- c) The project proponent may choose to submit a revision to the methodology, including provisions that address all the relevant fates of the RDF used by the project activity in the baseline situation, provisions that ensure a conservative estimation of associated project and leakage GHG emissions, as well as provisions to ensure that the combustion of the RDF meets relevant national and local regulations.

Version(s) of the approved methodology / methodological tool to which the clarification is applicable:

ACM0022: Alternative waste treatment processes --- Version 2.0

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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
03.0	13 May 2016	Revised to include the row "Version(s) of the approved methodology / methodological tool to which the clarification is applicable"
02.0	18 July 2013	Revised to remove the row "Date and signature of the chair and vice chair of Panel/WG (in case of clarification by Panel/WG)"
01.0	4 July 2013	Initial publication. This document supersedes and replaces the following documents: <ul style="list-style-type: none"> • Recommendation Form for Small Scale Methodologies (F-CDM-SSCwg) (Version 01.1) • Recommendation Form for Small Scale A/R Methodologies and Procedures (F-CDM-SSC-AR) (Version 01.1)
Decision Class: Regulatory Document Type: Form, Clarification Business Function: Methodology Keywords: applying methodologies and tools		