

CDM TOOL 32 - POSITIVE LIST OF TECHNOLOGIES FOR ADDITIONALITY

BACKGROUND:

This rule clarification provides guidelines on the applicability of the Clean Development Mechanisms (CDM) "[Tool 32 – Positive list of technologies](#)" in the context of Gold Standard for the Global Goals (GS4GG) certification for waste handling and disposal projects involving the technologies listed below.

The tool can be used to demonstrate additionality of projects and/or Programme of Activities (PoAs) seeking GS4GG certification. The document shall be read in conjunction with the Gold Standard [Principles and Requirements](#), [Renewable Energy Activity Requirement](#) and [Community Service Activity Requirements](#) as applicable. Should there be a conflict, the eligibility requirements defined in the GS4GG standards will supersede.

Please note, that under no circumstances should these conditions imply an exemption from the Gold Standard eligibility criteria related to the below mentioned project types.

RULE CLARIFICATION:

The projects/PoAs are deemed automatically additional if they exclusively apply the technologies listed below and demonstrate that they fulfil the related conditions specified herein –

Project category: Waste handling and disposal

1. Project technology: Landfill gas recovery and its gainful use.

The project activities and PoAs at new or existing landfills (greenfield or brownfield) are deemed automatically additional, if it is demonstrated that prior to the implementation of the project activities and PoAs the landfill gas (LFG) was only vented and/or flared (in the case of brownfield projects) or would have been only vented and/or flared (in the case of greenfield projects) but not utilized for energy generation, and that under the project activities and PoAs any of the following conditions are met:

- a. The LFG is used to generate electricity in one or several power plants with a total nameplate capacity that equals or is below 10 MW;
- b. The LFG is used to generate heat for internal or external consumption;

As mentioned in the background section above, these conditions do not imply an exemption from the GS4GG eligibility criteria for landfill gas recovery projects, as stipulated in the [Principles and Requirements](#), [Renewable Energy Activity Requirement](#) and [Community Service Activity Requirements](#). For instance, landfill gas recovery projects shall still need to meet the following requirement around ensuring that project implementation does not divert employment from informal sector players involved in sorting the waste at landfills –

"Project activities planning to make use of waste materials that are already in use in the pre-project situation shall NOT be eligible unless convincing evidence is provided to show that the current users are in agreement with the shift of use resulting from the project. In the absence of such an agreement, the Project Developers shall demonstrate that the project activity makes use of surplus waste materials[14] and shall include this analysis in the Sustainability Monitoring Plan. They must do so once, ex-ante on time for validation for small-scale projects (installed capacity up to 15 MWe1 or 45 MWth), and in time for validation and for each one of the verifications (inclusion in the Sustainability Monitoring Plan) for projects greater than 15 MWe1 or 45 MWth."

2. Project technology: Methane recovery in wastewater treatment

The project activities and PoAs in an existing facility are deemed automatically additional if it is demonstrated that all of the following conditions are met:

- a. The existing treatment system is an anaerobic lagoon and the wastewater discharged meets the host country regulation;
- b. There is no regulation in the host country that requires the management of biogas from domestic, industrial and agricultural sites;
- c. There is no capacity increase in the wastewater treatment system;
- d. No other alternative economic activity is expected to be undertaken on the land of the existing lagoon;
- e. The biogas is used to generate electricity in one or more power plants, and the total nameplate capacity is below 5 MW.

Please note, for methane recovery project activities at wastewater treatment plants related to Palm Oil production, projects must follow the Gold Standard eligibility criteria as stipulated in the Principles and Requirements, Renewable Energy Activity Requirement and Community Service Activity Requirements.