

Gianyar Waste Recovery Project (GS7561)

Internal Verification Form for GS Micro Scale Projects and Micro VPAs under Gold Standard for the Global Goals

Project summary	
Project Type:	Composting
Micro Scale Limit:	10000
Project Location:	Indonesia
Impact Methodology Applied:	AMS III.F.: Avoidance of methane emissions through composting, (v12.o.o)
Date of Project Design Certification:	(04/11/2018)
Start Date of Crediting Period:	(04/11/2018)
Date of Last OO visit	NA
PoA Title and GS ID (for Micro VPA):	NA
Project details: The project involves municipal solid waste MSW processing units in Temesi Village, Gianyar Region, Bali Province, Indonesia. A further objective is creating a large-scale model for waste processing in Indonesia. However, the facility with a capacity of 50 tons waste per day can process only a fraction of the waste created in the Gianyar region. The waste is processed through composting method and serves as an example for other regions to actively pursue the recycling or organic materials to build soils and restore biodiversity back into the regions agriculture systems.	

Monitoring Period Information	
Duration of this monitoring period:	(04/11/2018) to (31/12/2020)
Crediting Period Sequence Number:	1 st
Monitoring Period Sequence Number:	1 st
SDG Impacts (min 3):	

SDG 13 Climate Action	16,026 VERs
SDG 1 No Poverty	65
SDG 3 Good Health and Well Being	NA
SDG 6 Clean Water and Sanitation	NA
SDG 11 Sustainable Cities and Communities	15,031
Product Totals:	VER (x) GS-CER () GS-REL ()
Vintage Break	
(04/11/2018) to (31/12/2018)	71
(01/01/2019) to (31/12/2019)	7,955
(01/01/2020) to (31/12/2020)	8,000

OO Assigned	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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Review Feedback Round:	i
Version number of the MR	1.0
Completion date of version	01/01/2021
Supporting Document (s) provided and Reviewed (round 1)	<ul style="list-style-type: none"> • Gold Standard Monitoring Report (MR 2018 to 2020 - Final Version 1.0.pdf) • Emission Reduction Calculation Excel File (Linked BE PE and ER tables 30 to 46 for MR 2018 to 2020 v2.xlsx) • Objective Observer Assessment Report (Stakeholder Consultation Report_Gianyar.pdf) • Other Document 1 (CONSOL~1.XLS)

	<ul style="list-style-type: none"> • Other Document 2 (DETAIL~1.XLS) • Other Document 3 (DETAIL~2.XLS) • Other Document 4 (DETAIL~3.XLS) • Other Document 5 (DETAIL~4.XLS) • Other Document 6 (DE8836~1.XLS) • Other Document 7 (DEBDA8~1.XLS) • Other Document 8 (ELECTR~1.XLS) • Other Document 9 (ELECTR~2.XLS) • Other Document 10 (WASTEC~1.DOC) • Other Document 11 (WASTEC~1.XLS) • Other Document 12 (WASTEC~2.XLS)
Supporting Document (s) provided and Reviewed (round x)	

Decision:

Rejected	<input type="checkbox"/>
Request for clarifications and /or corrective action	<input checked="" type="checkbox"/>
To be submitted for external verification	<input type="checkbox"/>
Verified	<input type="checkbox"/>

Review Results: Please respond to the following comments and/or requests for additional information and update your project documentation where needed.

Sections	Clarifications and/or corrective action needed	Response by Project Representative
KIP	Design certification date of the project does not match the MR and Sustain-Cert app. The PP shall clarify/review.	Registration / Design Certification Date on SustainCert is 09/29/2020 It has been adjusted in the MR 2018to 2020 Document The project is still awaiting project design certification.
	The PP shall clarify whether annual report is submitted for each monitoring year by end of next calendar year for which verification is not completed	The Monitoring Report comprises the period from 04/11/2018 to 31/12/2020. No annual reports were/are submitted. Vintages are declared for 2018, 2019 and 2020.
	The PP shall provide the achieved amount of SDG Impact Certified for each SDG in the Key Project Information table. The PP shall also provide an applicable unit for each SDG.	Missing indicators for SDG 3 and SDG 6 are being compiled and monitoring is being designed and implemented. Currently the PP is only monitoring these parameters directly in the facility. Overarching indicators for the region are still being developed and compiled and will be submitted latest with the MR 2021.
D.2	The PP shall provide evidence for each Data and Parameters monitored. <ul style="list-style-type: none"> • historic data and written confirmation from landfill site operator for fraction of methane captured (See Doc. 1) • Measurements by project participants for total amount of organic waste composed (See Doc. 4 – 6) • Sample measurements by project participants for Weight fraction of the waste type (See Doc.2-3) • Number of samples collected (See Doc. 7) • Plant records / Confirmation from governmental electric company PLN for electricity consumed 	<ul style="list-style-type: none"> • Confirmation letters about methane not being captured or burned are submitted for 2018, 2019 and 2020. • The submitted "Operating Procedure Manual POP 10 about Weight Control" defines the system how the organic waste is measured. The tables in the also submitted files "Details of organic waste processed" for 2018, 2019 and 2020 demonstrate how data is collected per day and per separating person. The bases of these tables are handwritten notes by the person designated to weigh the organics for composting. These notes are saved.

Sections	Clarifications and/or corrective action needed	Response by Project Representative
	<ul style="list-style-type: none"> • Plant records for quantity of diesel combusted • Salary vouchers and other financial statements for number of jobs created • Survey details for good health and well being • Survey results and Lab certificates for clean water and sanitation • Records of waste processed in the plant for sustainable cities and communities 	<ul style="list-style-type: none"> • The submitted "Operating Procedure Manual POP 36 Issue 6 about CDM Monitoring Process" defines how the waste types are measured. The measurement results are shown in the also submitted files "Waste composition with summary for Annex 2 for 2018, 2019 and 2020". • During a calendar year 24 samples are collected for SDG 13 as reported in Annex 2a/b/c of the MR and in the above mentioned "Waste composition with summary for Annex 2". • A list "Electric consumption Nov 4 2018 to Dec 31 2020 ex PLN" is submitted. It serves to create the also submitted plant file "Electricity consumption Nov. 4 2018 to Dec. 31 2020 for Annex 5", which is the base for Annex 5 of the MR. • Detailed plant records on diesel purchases are submitted in the files "Details of diesel consumption for Annex 5" for 2018, 2019 and 2020., which are the base for Annex 5 of the MR
D.4	The PP shall provide sampling plan for surveys.	<p>Documents that describe the sampling plan will be submitted. They are for SDG 13::</p> <ol style="list-style-type: none"> 1. Sampling plan for waste types 140112 2. Sensitivity analysis for waste type percentages 130127 3. POP 36 CDM Monitoring Process Issue 6 4. POP 36-1 Quarterly Determination of Waste Composition Issue 3
G.1	Please clarify that provided stakeholder comments in the MR are taken from the meeting or CIGM? The PP shall report all comments from the CIGM.	Section G. of the MR – Stakeholder Inputs and Legal Disputes was taken from the CIGM performed in 2019. There has been no stakeholder meeting in 2020 and 2021 due to COVID 19 restrictions.

Sections	Clarifications and/or corrective action needed	Response by Project Representative
	The PP shall clarify whether comments from the CIGM are fully addressed.	<p>PP cannot address issues related to the Landfill and regional dump. We have no executive authority or multi million \$USD budget to fix the large environmental landfill issues.</p> <p>We can only provide a guarantee that the situation would be far worse if our project would not exist. We are doing our absolute best to service the public and their needs.</p>
	The PP shall clarify , is there a formal declaration that no legal challenges have arisen during the monitoring period?	There have been absolutely no legal challenges. We are on the peoples side and pushing the government to create the change needed for an improved environment.

Summary of Forward Action Requests (FARs):

N/A

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Conclusion

The project is Verified and the above Clarifications and/or Corrective Actions have been resolved.