Gold Standard®

SDG Impact Tool for Assessing Contribution Towards SDGs

3 February 2022

GOLD STANDARD

Gold Standard for the Global Goals
- Non-profit certification standard
- SDG impacts core to each project

Rigorous methodologies
- 30+ methodologies
- Across land use and forestry, energy and community services

High-impact activities
- 2000 projects in over 80 countries
- With 350 project developers

Climate and development impacts
- 160m tonnes of CO_2 reduced
- $23bn in shared value

- ISEAL Code Compliant ☑
- CORSIA-eligible ☑
- ICROA-endorsed ☑


PLANTING BIODIVERSE FORESTS IN PANAMA


FAIRTRADE PROJECT: COOKSTOVES FOR COFFEE FARMERS, ETHIOPIA


TERRACLEAR - CLEAN WATER ACCESS FOR FAMILIES IN LAOS

SUSTAINABLE DEVELOPMENT UNDER GOLD STANDARD

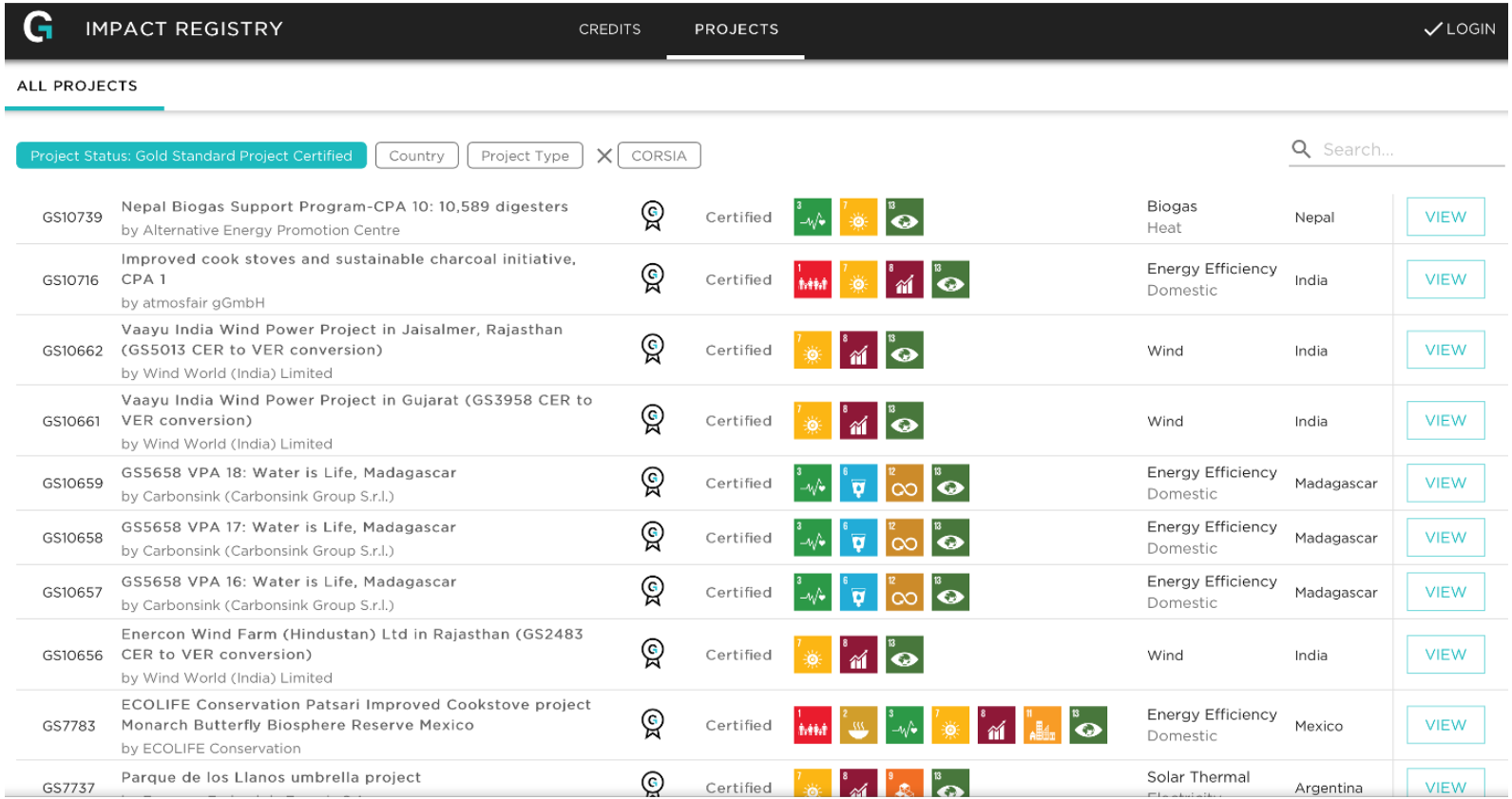
- "All projects shall demonstrate a clear, direct contribution to sustainable development, defined as making **demonstrable, positive impacts on at least three Sustainable Development Goals (SDGs)**, one of which must be SDG 13. These are referred to as SDG Impacts"

- "SDG Impacts shall be **a primary effect – an intentional, direct effect of the project** and shall not be 'one off' or an effect generated in design, construction, distribution, start-up or decommissioning of the Project."

- "The Project shall identify the potential SDG Impacts provided by the Project by **comparing the Project Scenario to the Baseline Scenario**. The SDG Impacts shall be demonstrated as making a positive effect beyond what would reasonably be expected to occur in the Baseline Scenario."

- "The Project shall identify the relevant monitoring indicators and/or monitoring parameters and **define the monitoring approach in the Project Design Document** to inform future Monitoring Reports."

SUSTAINABLE DEVELOPMENT UNDER GOLD STANDARD



IMPACT REGISTRY | CREDITS | PROJECTS | LOGIN

ALL PROJECTS

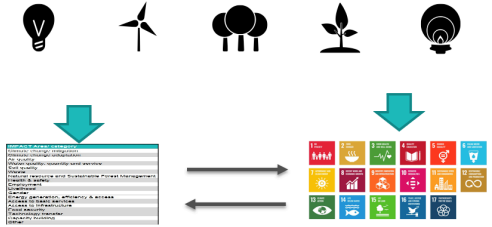
Project Status: Gold Standard Project Certified | Country | Project Type | CORSIA | Search...

GS10739	Nepal Biogas Support Program-CPA 10: 10,589 digesters by Alternative Energy Promotion Centre	Certified	Biogas Heat	Nepal	VIEW
GS10716	Improved cook stoves and sustainable charcoal initiative, CPA 1 by atmosfair gGmbH	Certified	Energy Efficiency Domestic	India	VIEW
GS10662	Vaayu India Wind Power Project in Jaisalmer, Rajasthan (GS5013 CER to VER conversion) by Wind World (India) Limited	Certified	Wind	India	VIEW
GS10661	Vaayu India Wind Power Project in Gujarat (GS3958 CER to VER conversion) by Wind World (India) Limited	Certified	Wind	India	VIEW
GS10659	GS5658 VPA 18: Water is Life, Madagascar by Carbonsink (Carbonsink Group S.r.l.)	Certified	Energy Efficiency Domestic	Madagascar	VIEW
GS10658	GS5658 VPA 17: Water is Life, Madagascar by Carbonsink (Carbonsink Group S.r.l.)	Certified	Energy Efficiency Domestic	Madagascar	VIEW
GS10657	GS5658 VPA 16: Water is Life, Madagascar by Carbonsink (Carbonsink Group S.r.l.)	Certified	Energy Efficiency Domestic	Madagascar	VIEW
GS10656	Enercon Wind Farm (Hindustan) Ltd in Rajasthan (GS2483 CER to VER conversion) by Wind World (India) Limited	Certified	Wind	India	VIEW
GS7783	ECOLIFE Conservation Patsari Improved Cookstove project Monarch Butterfly Biosphere Reserve Mexico by ECOLIFE Conservation	Certified	Energy Efficiency Domestic	Mexico	VIEW
GS7737	Parque de los Llanos umbrella project	Certified	Solar Thermal	Argentina	VIEW

DEVELOPMENT OF NEW SDG TOOL

August 2019
Guidance for activity-level SDG impact reporting, developed with partners

April 2021
Consultation and piloting of new SDG Impact Tool



December 2021
Launch of SDG Impact Tool for use

SDG IMPACT TOOL

A	B	C	D	E
Your input is needed	Cells with this color	User Input	Select from dropdown list	
Step 0	Key project information			
	Project/ VPA GS ID		CDM project/VPA ID if applicable >>	
	PoA ID, if applicable		CDM PoA ID if applicable >>	
	Project status			
	Crediting period	Start Date	End Date	
				>>new & listed projects should use ex
	Monitoring period	Start Date	End Date	
	Monitorin period no - 1	dd/mm/yyyy	dd/mm/yyyy	>> only needed if the project is desig
	Monitorin period no - 2	dd/mm/yyyy	dd/mm/yyyy	
	Monitorin period no - 3	dd/mm/yyyy	dd/mm/yyyy	
	Monitorin period no - 4	dd/mm/yyyy	dd/mm/yyyy	
	Monitorin period no - 5	dd/mm/yyyy	dd/mm/yyyy	
	Monitorin period no - 6	dd/mm/yyyy	dd/mm/yyyy	
Step 1	Select the project type >>	CSA		>> List of Technology types included in current version is available here.
				>> SDGs
Step 2	Select preferred method >>	Start with SDG		>> List of impact category
		Contribution to SDG 13 (Climate Action) is MANDATORY for all projects and shall be selected here		
	Select SDG >>	3. Good health and well being		
Step 3				
	Select Monitoring indicator >>	Number of households that observed reduction in PM2.5 & carbon monoxide (CO) concentration reductions		

SDG IMPACT TOOL

Step 4	Guideline to design monitoring and reporting plan	
	Monitoring indicator ID	GSDM-I3.9.1
	Impact indicator	Reduced indoor air pollution
	Impact category	Air quality
	SDG	3. Good health and well being
	SDG target	3.9 By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination
	Description	Refers to the PM2.5 and carbon monoxide (CO) concentrations in the households that are considered key marker pollutants for exposure to HAP.
>> refer to BA worksheet for more details	Guidance, calculation method and other considerations	The project should conduct 24 or 48 hr monitoring in the sample households for baseline and project scenario. The field test should be conducted for a representative cooking setting.
	Data Unit	PM 2.5 micro-gram/m3 and CO (mg per m3)
	Source of data	Project activity
	Measurement procedure	Measure indoor pollution in kitchens among a representative group of households participating in the project.
	Monitoring frequency	Annual
	Reference value	NA
	Additional reference sources	Indoor air quality guidelines: household fuel combustion https://www.who.int/publications/i/item/9789241548878

SDG IMPACT TOOL

Step 5	Project assessment			
	Monitoring indicator	Amount of GHGs emissions avoided or sequestered		
	Data Unit	tCO2eq		
	Source of data	Project monitoring report		
	Monitoring frequency	Annual		
	Measurement procedure			
>>Copy and paste information from step 4 table, as needed.	QA/QC procedures, if any	User input		
	Any comment	User input		
	Year	Baseline value	Project value	Difference
	2019	29852	12000	17852
>> Report impact for each vintage. Adjustments , if applied, should be included in comment section				
>> Current version refers to calander year; while project monitoring period may start /end anytime in a given year. The next version will include the features per monitoring period reporting.				
	Total			
>> Difference refers to change from baseline value. The equation i.e., the baseline value - project value or project value - baseline value may be applied as per the selected parameter. For example - Total numbe of jobs should be estmaited as project value - baseline value, similalry household saving would be baseline value - project value.	Net Impact per year			
	Comments/ Further details	Gold Standard approved methodology - TPDDTEC Version 3.0 has been applied for quanificaiton and monitoring of this indicator. The project design document includes relevant information as per applied methodology.		
>> SDG 13, Amount of GHGs emissions avoided or sequestered, the "project value" refers to project emissions + lekage emissions and "difference" is the amount of GHGs reductions/avoid emissions issued as GSVERs/CERs or statement.				

INITIAL CASE STUDIES

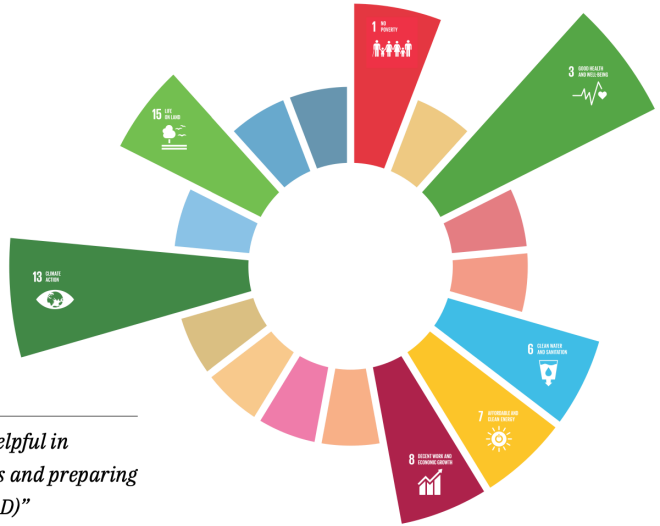
PRODUCTION AND DISSEMINATION OF CERAMIC WATER PURIFIERS BY HYDROLOGIC IN THE KINGDOM OF CAMBODIA

GOLD STANDARD ID	GS1020	**HOST COUNTRY**	Cambodia
PROJECT TYPE	Safe water supply	**METHODOLOGY**	TPDDTEC, Version 3.0
PROJECT DEVELOPER	Hydrologic Social Enterprise Company Ltd	**MONITORING PERIOD**	01/01/2019 to 31/12/2019 (MP2)

SDG Impact Tools Case Study

GOLD STANDARD CERTIFIED SDG IMPACTS

MONITORING PERIOD
01/01/2019 TO 31/12/2019 (MP2)



"The SDG Impact Tool is really helpful in selecting the right SDG indicators and preparing the Project Design Document (PDD)"

INITIAL CASE STUDIES

1 No Poverty

INDICATOR 1.1.1 Average household savings i.e., decrease in expenditure on basic service such cooking, lighting, drinking

CERTIFIED IMPACT

- **63,697 tonnes of biomass**
- **1,062 tonnes of LPG saved/year**
- **80.70% of households saved money**
- **90.65% of households saved time**

3 Good Health and Well-being

INDICATOR 3.9.1 Number of households that observed reduction in PM2.5 & carbon monoxide (CO) concentration reductions

CERTIFIED IMPACT

- **538,934 people noted less smoke in the kitchen**

6 Clean Water and Sanitation

INDICATOR 6.2.1 Proportion of population using (a) safely managed sanitation services and (b) a hand-washing facility with soap and water

CERTIFIED IMPACT

- **246,539 people provided access to safe drinking water**

7 Affordable and Clean Energy

INDICATOR 7.3.1 Affordable and clean energy

CERTIFIED IMPACT

- **1,006 TJ of energy saved**

8 Decent Work and Economic Growth

INDICATOR 8.5.1 Total number of jobs

CERTIFIED IMPACT

- **90 staff employed**

13 Climate Action

INDICATOR 13.2.1 Amount of GHGs emissions avoided or sequestered

CERTIFIED IMPACT

- **90,003 tonnes CO_2e**

15 Life on Land

INDICATOR 15.2.1 Forest areas managed sustainably for forest products including sustainable produced fuelwoodavoided or sequestered

CERTIFIED IMPACT

- **393 hectares of forest saved**

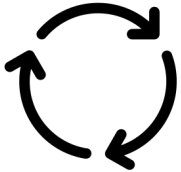
TOTAL

SHARED VALUE CREATED*

$16.4 million

Discover more about how the *SDG Impact Tool* can help support your project development.

NEXT STEPS



Implementation
Mandatory part of the Gold Standard project cycle from March 2022

Digitisation
Intention to take the tool from excel-based to digitised

Enhancement
Preparing new functionality to support Article 6/ national use

THANK YOU