

## Fairtrade Carbon Credits - Approved carbon calculation methodologies

The following carbon calculation methodologies can be used in Fairtrade Carbon Credit projects. For more information please contact [standards-pricing@fairtrade.net](mailto:standards-pricing@fairtrade.net)

Nr.	Scope	Methodology	Examples of activities	Date of approval / update
1	Renewable Energy and Energy Efficiency	Methodology for metered & measured energy cooking devices (MECD), Versions 1.0, 1.1, 1.2	High efficiency or improvement of energy efficiency of biomass fired cook stoves or ovens or dryers	03.06.2015 Updated: 30.10.2025
2	Renewable Energy and Energy Efficiency	Technologies and Practices to Displace Decentralized Thermal Energy Consumption (TPDDTEC), Versions 1.0, 3.1, 4.0	Improved biomass or fossil fuel cook stoves, ovens, dryers, space and water heaters, heat retention cookers, solar cookers, bio-digesters, safe water supply and treatment technologies that displace water boiling, and thermal insulation in cold climates	03.06.2015 Updated: 30.10.2025
3	Renewable Energy and Energy Efficiency	The Gold Standard Suppressed demand small-scale Methodology for energy use for the processing of agricultural products -Version: Feb 2013	Installation of solar (photovoltaics) or a wind power plant that provide electricity to a mill or a biodiesel generator that would reduce fossil fuel usage for the processing of agricultural outputs	03.06.2015
4	Renewable Energy and Energy Efficiency	VER Small scale methodology: Ecologically sound fuel switch to biomass with reduced energy requirement	Switch from fossil fuel heating devices to renewable/residues of biomass efficient heaters	03.06.2015
5	Renewable Energy	AMS-I.C Small-scale methodology: Thermal energy production with or without electricity	Solar cook stoves, biomass and biogas energy production	03.06.2015
6	Renewable Energy	Methodology for animal manure management and biogas use for thermal energy generation (MAMMBUTEG), Version 1.1	Biogas stoves, solar cookers, passive solar homes and renewable energy-based drinking water treatment technologies	03.06.2015 Updated: 30.10.2025
7	Renewable Energy	CDM AMS III.R Methane recovery in agricultural activities at household/small farm level - Version 2	Biogas production to avoid naturally emitted methane	03.06.2015
8	Afforestation/ Reforestation <sup>1</sup>	Small and large scale Gold Standard: Afforestation and Reforestation requirements - Version 9 - August 2013	Reforestation, natural regeneration and improved forest management	03.06.2015

<sup>1</sup> Note that the set of templates required to help calculate GHG sequestration from Afforestation/Reforestation projects under Gold Standard include Soil Organic Carbon tool: <https://www.goldstandard.org/project-developers/standard-documents>

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9	Afforestation/ Reforestation	CDM AR-AMS0007 A/R Small-scale methodology: Afforestation and reforestation project activities implemented on lands other than wetlands- Version 03.0	Reforestation and agroforestry projects on degraded land	03.06.2015
10	Renewable Energy and Energy Efficiency	The Gold Standard Simplified Methodology for Efficient Cookstoves (SMEC) Versions 1.1, 3.0	This methodology is exclusively applicable to cook stove projects. Firewood savings can exclusively be determined by measuring stove efficiency with a Water Boiling Test (WBT), in difference to TPDDTEC (methodology Nr.2) requiring a Kitchen Performance Test (KPT).	03.06.2015 Updated: 30.10.2025