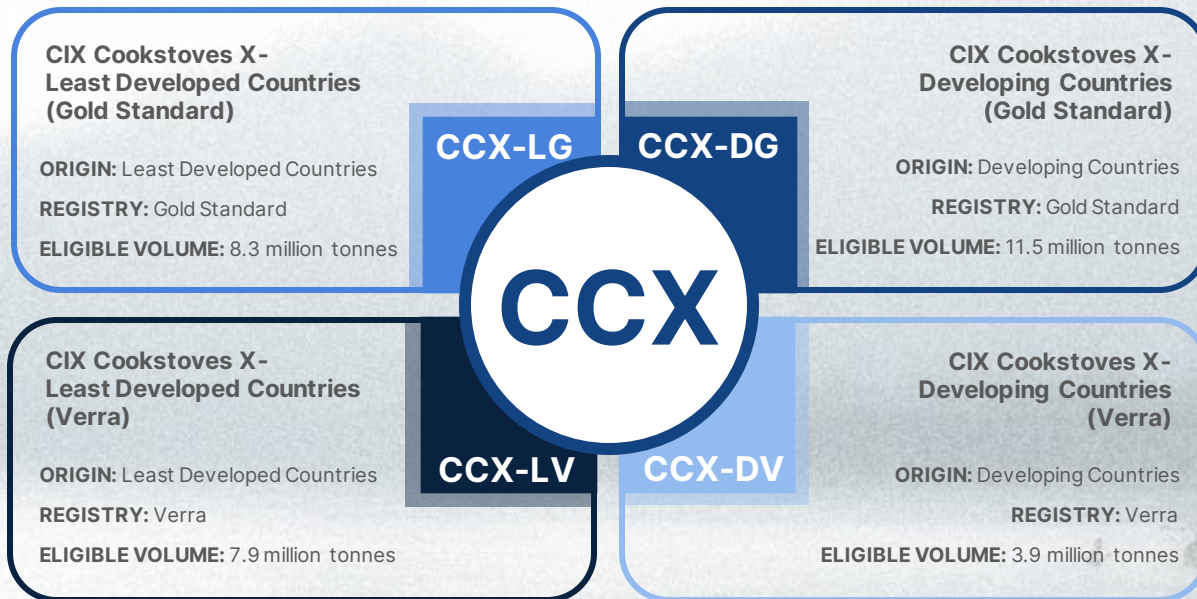


CIX Cookstoves X Factsheet

CIX Cookstoves X

CIX Cookstoves X is a set of global standard contracts for the voluntary carbon market comprising improved cookstoves projects from four key corners of the market.

CIX Cookstoves X benchmarks represent the spot traded value of eligible projects with the most recent credit vintages, as transacted during a weekly pricing session at the intersection of Asian and European trading hours.



Benchmark Series Name	CIX Cookstoves X
Contracts Code	[CCX]
CIX Assessment Codes	CCX-LG: CC00001 CCX-DG: CC00002 CCX-LV: CC00003 CCX-DV: CC00004
Market Scope	Improved cookstoves
Underlying Tradeable Instrument	CCX standard contracts
Contracts Vintage	v21-24; new contracts launched and benchmarks roll at the start of each year
Publishing Calendar	Singapore
Pricing Session	Weekly on Tuesday (17:00 – 17:30)
Benchmarks Delivery	Published in CIX Carbon Daily following pricing session

WHY COOKSTOVES?

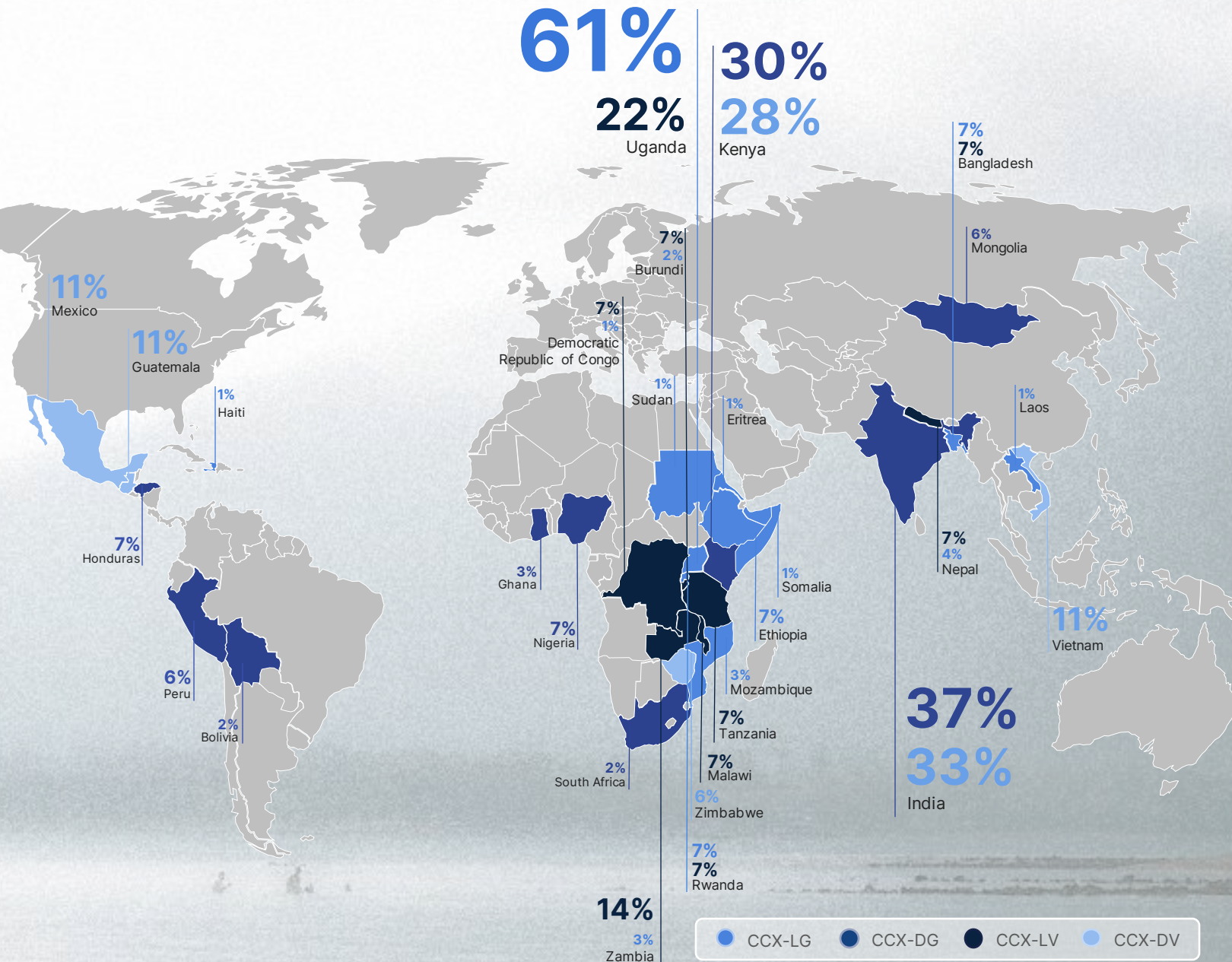
According to the [World Health Organisation \(WHO\)](#), around a third of the global population, or 2.4 billion people, still remain without access to clean cooking. These communities typically reside in the least developed parts of the world, where some live on less than USD 1.90 a day.

Wood and charcoal remain the most common sources of cooking fuel in these countries. The use of open fires or inefficient cookstoves is a health risk and a major contributor to diseases, causing nearly 4 million premature deaths each year as estimated by the [Clean Cooking Alliance](#).

Women and children are disproportionately affected, suffering from toxic smoke, time poverty, and the consequences of deteriorating environments. In fact, many in developing countries spend up to 20 hours a week gathering firewood for cooking, with associated risks.

As well as having damaging implications for global emissions, human health and quality of life, traditional cooking methods put pressure on existing forest stocks due to increased deforestation from firewood harvesting,

Without rapid action to help scale up investment in improved cookstoves projects, the world will fall short of its goal to achieve universal access to clean cooking by 2030. Over the coming years, credit issuances are expected to rise, driven by the urgency to meet the UN Sustainable Development Goals (SDGs) by 2030 – clean cooking directly supports 10 of the 17 SDGs.



* Figures are rounded up to the nearest whole number with data reflected as of 31 August 2023

TOP 10 COOKSTOVES PROJECTS BY VOLUME

Each quadrant has sufficient volume for a standalone liquid market

● CCX-LG

VOLUME: 6.9 MILLION TONNES

COUNTRY	PROJECT NAME	PROJECT DEVELOPER	VOLUME (t)*
Somalia	Efficient and Clean Cooking for households in Somalia	Burn Manufacturing Co.	1,536,660 (22%)
Uganda	Improved Cookstoves for Social Impact in Ugandan Communities	Impact Carbon	1,153,955 (17%)
Zambia	TASC Clean Cooking PoA – VPA 1	The African Stove Company	581,008 (8%)
Zambia	TASC Clean Cooking PoA – VPA 3	The African Stove Company	190,600 (3%)
Uganda	Uganda Biomass Cookstove Project	UpEnergy Group	188,701 (3%)
Burundi	Improved biomass cookstoves for returnees	AERA Group	140,459 (2%)
Uganda	Improved Cookstoves Programme Uganda – COP No 009	UpEnergy Group	112,733 (2%)
Uganda	Improved Cookstoves Programme Uganda – COP No 010	UpEnergy Group	106,399 (2%)
Uganda	Improved Cookstoves Programme Uganda – COP No 012	UpEnergy Group	104,002 (1%)
Uganda	Improved Cookstoves Programme Uganda – COP No 016	UpEnergy Group	97,999 (1%)
			Total: 4.2 mil (60%)

COUNTRY	PROJECT NAME	PROJECT DEVELOPER	VOLUME (t)*
Malawi	Installation of high efficiency wood burning cookstoves in Malawi – Project 2	Multiple Proponents	2,125,117 (27%)
Malawi	Installation of high efficiency wood burning cookstoves in Malawi	C-Quest Capital	1,771,637 (22%)
Rwanda	DelAgua Clean Cooking Grouped Project	DelAgua Health Rwanda (Voluntary)	1,517,616 (19%)
Burundi	Improved Cooking Stove Programme in Burundi	POWA S.A	631,553 (8%)
Zambia	Installation of high efficiency wood burning cookstoves in Zambia – Project 2	Multiple Proponents	533,603 (7%)
Zambia	Installation of high efficiency wood burning cookstoves in Zambia	Multiple Proponents	464,904 (6%)
Bangladesh	IDCOL Improved Cook Stove Program – CER Conversion	Infrastructure Development Company	453,877 (6%)
DRC	Eastern DRC Cookstove Project – South Kivu	OBEN EAC S.A	189,900 (2%)
Malawi	Livelihood Chitetezo Mbaua Project	Livelihoods Fund SICAV SIF	100,959 (1%)
Uganda	Up Energy Improved Cookstoves Programme, Uganda – CER Conversion	UpEnergy Group	63,908 (1%)
			Total: 7.8 mil (98%)

● CCX-LV

VOLUME: 7.9 MILLION TONNES

VOLUME: 9.1 MILLION TONNES

● CCX-DG

COUNTRY	PROJECT NAME	PROJECT DEVELOPER	VOLUME (t)*
Kenya	GS10884 KOKO Kenya - Ethanol Cookstoves Program – CPA-0002	KOKO Network	1,211,158 (13%)
Nigeria	Promoting Improved Cooking practices in Nigeria	Toyola Energy Services	951,286 (10%)
Kenya	Burn Stoves Project in Kenya	Burn Manufacturing Co.	764,563 (8%)
Honduras	Enhanced Distribution of Improved Cookstoves in Latin America – First VPA for Distribution of Dos por Tres Cookstoves in Honduras	Proyecto Mirador	682,773 (7%)
India	Improved cook stoves and sustainable charcoal initiative CPA 1	atmosfair gGmbH	621,336 (7%)
Ghana	GS1385 Man and Man Enterprise Improved Cooking Stoves Programme in Ghana – VPA001	Man and Man Enterprise	423,296 (5%)
Kenya	Hifadhi Improved cook-stoves in Embu County Kenya	Livelihoods Fund SICAV SIF	389,336 (4%)
Kenya	Circle Gas LPG Smart Meter Program in Kenya	ClimateCare	368,335 (4%)
India	GS11450 – “Microfinance for Clean Energy Product Lines” India – CPA 12	MicroEnergy Credits	346,582 (4%)
Ghana	Gyapa Cook Stoves Project in Ghana	Relief International	266,378 (3%)
			Total: 6 mil (66%)

COUNTRY	PROJECT NAME	PROJECT DEVELOPER	VOLUME (t)*
Vietnam	Grouped Projects for Viet Nam Cookstove Program	Sustainability Investment Promotion and Development Joint Stock Company	995,903 (25%)
Zimbabwe	Installation of high efficiency wood burning cookstoves in Zimbabwe	C-Quest Capital	820,619 (21%)
India	Installation of High Efficient Cook Stoves by EKI Energy Services	EKI Energy Services	262,492 (7%)
India	Installation of High Efficient Cook Stoves by Enking International	EKI Energy Services	256,313 (6%)
Kenya	Installation of high efficiency wood burning cookstoves in Kenya	C-Quest Capital	244,107 (6%)
India	Distribution of energy efficient cookstoves in India-2	Multiple Proponents	200,000 (5%)
Guatemala	ONIL Stoves – Guatemala – CPA 002	Infrastructure Development Company	195,401 (5%)
Mexico	Distribution of ONIL Stoves – Mexico, San Felipe Usila 1	OBEN EAC S.A	189,408 (5%)
Guatemala	ONIL Stoves Guatemala Usantan	Livelihoods Fund SICAV SIF	187,008 (5%)
Kenya	BioLite Improved Cook stoves Programme – CER Conversion	UpEnergy Group	109,500 (3%)
			Total: 3.4 mil (87%)

VOLUME: 3.9 MILLION TONNES

● CCX-DV



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