

Sub-Sahara African CDM projects, August 2008

Title	Host country	Province / State/Region	Type	Sub-type	ktCO2e/yr	MW
Reforestation project using native species in Maringa-Lopori-Wamba region (Democratic Republic of Congo): establishment of the "Bonobo Peace Forest"	Congo DR	Equateur & Kasai-Oriental	Reforestation		135.63	
Recovery and Use of Gas from Oil Wells – Reduction of Gas Flaring by the Compression of Low Pressure Gas for Production	Congo DR	Off-shore	Fugitive	Oil field flaring reduction	443.31	
Abidjan Municipal Solid Waste-To-Energy Project	Ivory Coast	Lagunes	Biogas	Biogas power	83.42	
Akouédo Landfill Rehabilitation and Electricity Generation Project	Ivory Coast	Lagunes	Landfill gas	Landfill power	943.55	30
6 MW Bagasse Based Cogeneration Project	Kenya	Nyanza	Biomass energy	Bagasse power	16.76	6
Optimisation of Kiambere Hydro Power Project	Kenya	Eastern	Hydro	Existing dam	38.38	20
Redevelopment of Tana Hydro Power Station Project	Kenya	Central	Hydro	Existing dam	42.26	19.6
Conversion of the Kipevu Open Cycle Gas Turbine to a Combined Cycle Operation Project	Kenya	Coast	EE supply side		44.81	35
Olkaria II Geothermal Expansion Project	Kenya	Rift Valley	Geothermal	Geothermal electricity	171.03	35
Sondu Miriu Hydro Power Project	Kenya	Nyanza	Hydro	Run of river	211.07	60
"35 MW Bagasse Based Cogeneration Project" by Mumias Sugar Company Limited (MSCL)	Kenya	Western	Biomass energy	Bagasse power	129.59	35
Sahavintory Hydro Power Plant, Madagascar	Madagascar	Vakinankaratra	Hydro	Run of river	48.57	15
Mali Jatropha Curcas Plantation Project	Mali	Kayes	Reforestation		8.36	0
Félou Regional Hydropower Project	Mali	Kayes	Hydro	Run of river	160.10	62.3
Compagnie Thermique de Savannah Limitee (CTSAV) Bagasse-Fuelled Cogeneration Project	Mauritius	Grand Port	Biomass energy	Bagasse power	297.50	87
Cimentos do Mozambique – Matola Gas Company Fuel Switch Project	Mozambique	Maputo	Fossil fuel switch		45.59	
Recovery of associated gas that would otherwise be flared at Kwale oil-gas processing plant, Nigeria	Nigeria	Delta	Fugitive		1496.93	
The Ovade Ogharefe Gas Capture and Processing Project	Nigeria	Delta	Fugitive	Oil field flaring reduction	2531.70	
Lafarge Cement WAPCO Plc's (WAPCO) Blended Cement (BC) Project at: Sagamu Cement and Ewero Cement Plants	Nigeria	Ogun	Cement		1324	
M'beubeuss Landfill Methane Recovery Project	Senegal	Dakar	Landfill gas	Landfill flaring	131.32	0
Alton Landfill Gas to Energy Project	South Africa	KwaZulu-Natal	Landfill gas	Landfill power	26.44	0.4
Clanwilliam Hydro Electric Power Scheme	South Africa	Western Cape	Hydro	Existing dam	11.16	1.5
Karbochem Combined Heat and Power Project	South Africa	KwaZulu-Natal	Fossil fuel switch		234.34	14.6
Humphries Boerdery (Edms) Bpk, piggery methane capture and electrical generation	South Africa	Limpopo	Biogas	Biogas power	11.08	
Fuel switch project on the Gluten 20 dryer of Tongaat Hulett Starch Pty (Ltd) Germiston Mill	South Africa	Gauteng	Fossil fuel switch		8.36	
Ekurhuleni Landfill Gas Recovery Project	South Africa	Gauteng	Landfill gas	Landfill flaring	237.67	
Kanhym Farm manure to energy project	South Africa	Mpumalanga	Biogas	Biogas power	32.66	1
N2O abatement project at nitric acid plant No. 11 at African Explosives Ltd. (AEL), South Africa	South Africa	Gauteng	N2O	Nitric acid	265.46	0
Beatrix Methane Capture Project, South Africa	South Africa	Free State	Coal bed/mine methane	Coal Mine Methane	376.06	
EnviroServ Chloorkop Landfill Gas Recovery Project.	South Africa	Gauteng	Landfill gas	Landfill flaring	188.39	
Project for the catalytic reduction of N2O emissions with a secondary catalyst inside the ammonia reactor of the No. 9 nitri	South Africa	Gauteng	N2O	Nitric acid	116.78	
Transalloys Manganese Alloy Smelter Energy Efficiency Project	South Africa	Gauteng	EE industry	Non-ferrous metals	55.04	
Sasol Nitrous Oxide Abatement Project	South Africa	Free state & Mpumalanga	N2O	Nitric acid	960.32	
Mondi Richards Bay Biomass Project	South Africa	KwaZulu-Natal	Biomass energy	Forest residues: other	184.63	13.2
Star Diamonds Methane Capture Project	South Africa	Free State	Fugitive		12.58	
Durban Landfill-gas-to-electricity project – Bisasar Road Landfill	South Africa	KwaZulu-Natal	Landfill gas	Landfill power	350.17	10
Omnia Fertilizer Limited Nitrous Oxide (N2O) Reduction Project	South Africa	Free State	N2O	Nitric acid	473.34	
Tugela Mill Fuel Switching Project	South Africa	KwaZulu-Natal	Biomass energy	Forest residues: other	55.91	0
Emfuleni Power Project (115MW)	South Africa	Gauteng	EE own generation	Iron & steel	608.24	115
PetroSA biogas to energy	South Africa	Western Cape	Biogas	Biogas power	29.93	4.248
Bethlehem Hydroelectric project	South Africa	Free State	Hydro	Run of river	33.28	7
Durban Landfill-gas-to-electricity project – Mariannhill and La Mercy Landfills. A review was requested.	South Africa	KwaZulu-Natal	Landfill gas	Landfill power	68.83	0.5
Lawley Fuel Switch Project	South Africa	Gauteng	Landfill gas	Fossil fuel switch	19.16	
Roslyn Brewery Fuel-Switching Project	South Africa	Gauteng	Fossil fuel switch		100.94	
Kuyasa low-cost urban housing energy upgrade project, Khayelitsha	South Africa	Western Cape	EE households		6.58	
Afforestation in grassland areas of Uchindile, Kilombero, Tanzania & Mapanda, Mufindi, Tanzania	Tanzania	Morogoro & Iringa	Afforestation		317.98	
Landfill gas recovery and electricity generation at "Mtoni Dumpsite", Dar Es Salaam	Tanzania	Dar es Salaam	Landfill gas	Landfill flaring	202.27	0
Mtwara Energy Project	Tanzania	Mtwara and Lindi	Fossil fuel switch		28.87	18
Kakira Sugar Works (1985) Ltd. (KSW) Cogeneration Project	Uganda	Eastern	Biomass energy	Bagasse power	54.11	12
Uganda Nile Basin Reforestation Project No.3	Uganda	Western	Reforestation		5.58	0
West Nile Electrification Project (WNEP)	Uganda	Northern Mindanao	Hydro	Run of river	36.21	3.5
SUM					13,416	606