



VCU *Fact Sheet*

NAME	Project 0795: Tugela Mill Fuel Switching Project in South Africa
LOCATION	Mandini, South Africa
PROJECT TYPE	Coal to biomass fuel switch project
METHODOLOGY	AMS-I.C. ver. 8-Thermal energy for the user
REGISTRATION DATE	12 February 2007
VALIDATOR	DNV
UNIT TYPE	VCUs
DATE OF ISSUANCE	January 2014
VOLUME	Volume available upon request
UNFCCC NUMBER	0795
CDM REGISTRY LINK	https://cdm.unfccc.int/Projects/DB/DNV-CUK1165398206.69/view
SUSTAINABLE DEVELOPMENT	<p>Previously, thermal energy produced for use at the Tugela Pulp and Paper Mill was supplied by coal fired boilers. The project activity involved the conversion of a boiler to enable co-firing of biomass (bark), with coal and gas at the Tugela Mill pulp and paper mill. Sappi uses the waste bark for steam generation in a biomass thermal energy boiler. The biomass directly replaces the current use of coal for steam production in the mill.</p> <p>The project activity results in a reduction of coal consumption due to the increased utilization of biomass as fuel for on-site thermal energy production. Furthermore, the landfill site where the waste bark was previously disposed of has a finite lifespan. Reducing the inputs of bark into the landfill will result in climate benefits, by reducing emissions of methane to the atmosphere, as well as reducing pressure on the capacity of the existing landfill.</p>