

MILLING & PROCESS

	Criterion	Indicator	
3.1	To monitor production on process efficiency, to measure the impacts of production and processing. So that improvements are made overtime.	Total raw materials used per kg product	Already being measured
		Working hours lost as percent of total hours worked	Already being measured
		Mill overall time efficiency	Can be calculated
		Factory performance index	Already being measured
		Industrial efficiency	Can be calculated
3.2	To monitor climate change impacts	Global warming burden per unit mass product	Can be calculated
4.1	To asses direct and indirect impacts of sugarcane of enterprises on bio-diversity and eco-system services	Aquatic oxygen demand per unit mass product	Can be measured
4.2	To consult relevant stake holders and implement appropriate mitigation where adverse impacts are identified	Documented consultation plan	is in process
5.2	To continuously improve the status of soil and water resources	Net water consumed per unit mass of product	Can be measured
5.3	To continuously improve the quality of sugarcane and products from the sugar mill	Theoretical recoverable sugar in cane	Can be measured
5.4	To provide energy efficiency	Total net primary usage per kg product	Can be calculated
5.5	To reduce emissions and effluents. To promote recycling of waste streams where practical	Atmospheric acidification burden per unit mass product	Can be calculated
		Non hazardous solid residue per tonne of cane	Already being measured
5.7	For expansion of new sugarcane projects to ensure transparent consultative and participatory processes that addresses	Recognized ESIA	Done for Cogen project
		High conservation value areas used as a percentage of total land affected by a new project or an expansion	Available

5.8	To ensure active engagement and transparent consultative and participatory processes with relevant stakeholders as well as local communities and to provide clear grievance	Evidence of recognized grievance and dispute resolution procedures for all stakeholders	Can be provided.
		Number of cases resolved versus number of cases brought through dispute resolution mechanisms	Can be provided.
5.9	To promote economic sustainability	Value added per tonne of cane	Can be calculated