



Bioethanol

OPERATIONAL REVIEWS

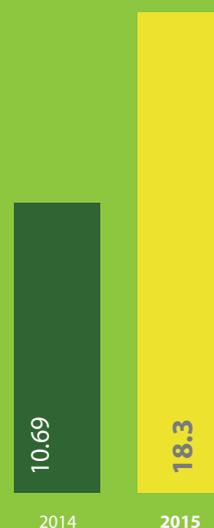


Bioethanol Distillery



“The distillery has also successfully respected the Supplier Guiding Principles of a global leader in ethanol and is now listed as their approved supplier.”

Jean Pierre Rouillard
General Manager



Neutral Bioethanol
produced (M litres)

DISTILLERY

With a daily bioethanol production capacity of 80,000 litres, Omnicane's distillery can produce up to 24 million litres of bioethanol a year depending on the volume of molasses processed.

This bioethanol plant at La Baraque was in its first full year of operations in 2015 and produced a total of 18.3 million litres of neutral bioethanol from 74,333 tonnes of molasses. Most of the production is destined for export on the world

market, particularly African countries. As by-products, 76,058 tonnes of Concentrated Molasses Stillage and 1,600 tonnes of carbon dioxide were produced. During the same year, the distillery has also successfully respected the Supplier Guiding Principles of a global leader in ethanol and is now listed as their approved supplier. Along the same line, it has also been certified to ISO 9001:2008-Quality Management System and ISO 22000:2005 – Food Safety standards.

Year	Molasses used (tonnes)	Bioethanol produced (litres)	Neutral bioethanol produced (litres)	CMS produced (tonnes)
2015	74,333	19,904,987	18,293,034	76,058
2014	41,067	11,853,479	10,693,647	31,935

609
Alcohol
m³



Prospects

In 2016, the distillery's production is estimated at 19.3 million litres of neutral bio-ethanol for supply to African countries and other remunerative niche markets. The challenge for the distillery is to source enough supply of molasses and ensure that there are no major interruptions, which could disrupt planned production. Concentrated Molasses Stillage and carbon dioxide production are estimated at 80,000 tonnes and 3,500 tonnes respectively. Some projects concerning the further value enhancement of the by-products of the distillery are also being studied, particularly the methanation of vinasse.