



Patrick de L. d'Arifat, CEO

ALTEO submitted a technical and commercial offer to the CEB (Central Electricity Board) in February 2016 for the construction of two 86 bar/535°C 45 MW plants based on the availability of substantial quantities of bagasse/ biomass.

The proposal is to build a new power plant to replace the existing Union Flacq power units, whose Power Purchase Agreement with the CEB is set to end in December 2018.

The new power plant will supply the Union Flacq sugar cluster with steam and electricity for the production of refined sugar, and will also export electricity to the national grid to meet the CEB's needs. The new project will produce 450 GWh of electricity, a 40% increase relative to the existing power plants' capacity, using 15% less coal.

It will ensure a 50% reduction in stack emission thanks to a state of the art flue gas cleaning system, and there will be zero solid and liquid effluents. Discussions with the Ministry of Energy and CEB were ongoing at the time of writing.

Cane trash will be blended with bagasse (20% cane trash to 80% bagasse by weight) to power the new proposed power plant. The aforementioned mix is recommended to avoid corrosion of the boilers exchangers.



This limits the quantity of cane trashed that can be processed at any given time. The advantages of using cane trash as fuel in Mauritius are derived from the fact that:

- Cane trash is a byproduct of sugar cane growing, and is abundant as long as there is sugar cane;
- Cane trash is a renewable product and does not deplete the earth of any reserves;
- Cane trash is produced locally; its use would therefore reduce the import of fossil fuels and enable the savings of hard currency; and
- The collection of cane trash will generate jobs locally.

"Alteo's vision is to become a regional leader in sugar, renewable energy and property. We want to focus on the sectors that we know very well and where we have a very strong expertise."

*Patrick de L. d'Arifat,
CEO*



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Macbeth Architects + Designers are pleased to have worked with Alteo Group on their successful residential, leisure and hospitality development at Anahita in Mauritius over the past 10 years and look forward to many more years of collaboration.



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Traditionally, cane trash has been left in the fields to enrich their soil and limit erosion. Trials have been undertaken in Mauritius over the past two years, and it appears that the removal of 50% of the trash available per hectare does not affect agricultural yields.

In the proposal submitted to the CEB, it has been assumed that 6 tonnes/ hectare of cane trash (50% of the trash available) will be collected from ALTEO's mechanised fields. This is equivalent to approximately 50,000 tonnes of cane trash per year. Combustion trials will be run with trash as of October 2016.

JK: Tell me about Alteo's property investments.

PDL: Alteo's largest property project is Anahita, a luxury property development in the East Coast of Mauritius which includes different phases of luxury real estate developments, the Four Seasons Mauritius Hotel, the Anahita Golf & Spa Resort and the Anahita Golf course managed by Four Seasons Golf Club.

The South and Centre phases have already been sold. Alteo Properties recently launched the next phases in the north of Anahita.

Alteo also owns 18,600 hectares of land (11,000 used for sugar cane cultivation). Some of these lands have been used for residential projects for the local market. More projects will come in the future depending on the different opportunities and market needs



in the East of Mauritius.

JK: Explain the overall vision for Alteo and where you see key future growth areas?

PDL: Alteo's vision is to become a regional leader in sugar, renewable energy and property. We want to focus on the sectors that we know very well and where we have a very strong expertise.

We feel that the potential for growth is very important in the sugar sector in Africa (mainly in East Africa). Our objective is to invest in additional sugar estates in this area to meet our target of 500,000 tonnes of sugar per year in the coming years.

In the Energy sector, our key focus will

remain our project of developing a new power plant in Mauritius to better use the existing volume of bagasse that we get from our milling activities.

This project will help Mauritius meeting its National objective to produce 25% of its electricity from renewable sources. In Kenya and Tanzania, we also have opportunities to improve the energy production facilities and export electricity to the Kenya and Tanzanian National grid.

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