

### **Agenda**



Alteo



Sustainability at a Glance



Sustainability within the Sugar Industry

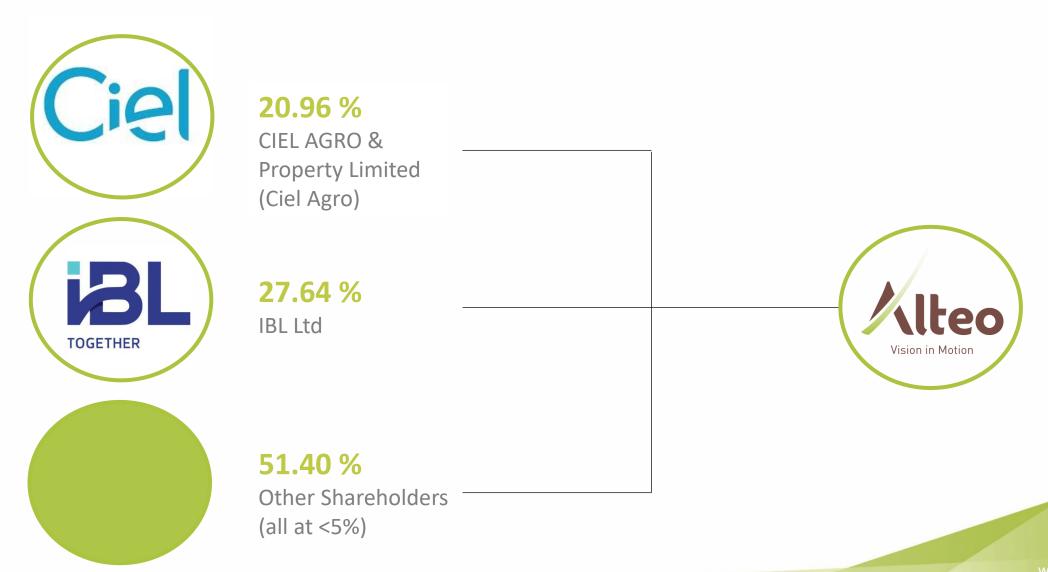


Questions and Answers



**Sébastien Lavoipierre**Chief Operations Officer
Industrial Activities

### **Group Shareholding**

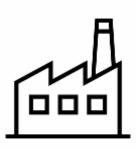


## SUGAR **ALTEO AGRI LTD** ALTEO MILLING LTD **TPC LIMITED** TRANSMARA SUGAR COMPANY LIMITED **ALTEO ENERGY LTD** HELIOS BEAU CHAMP LIMITED ← **ANAHITA ESTATES LIMITED ANAHITA GOLF LTD ANAHITA RESIDENCES & VILLAS LIMITED**

### **Simplified Group Structure**



#### Alteo at a Glance



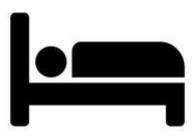
3 Sugar Factories

(in Mauritius, Tanzania and Kenya)

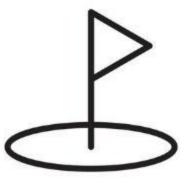


2 Power Plants

(Two co-generation thermal power plants in Mauritius and Tanzania



1 Hotel
Anahita Golf and Spa Resort



1 Golf Course
Anahita Golf

#### Alteo at a Glance



#### **27,500** ha

of land 15,000 ha freehold in Mauritius and 12,500 ha leasehold in Tanzania (8,000 ha under cane cultivation in Mauritius and 8,000 in Tanzania)



5,858

Team members (Including Contractuals and Seasonals)



204.9 GWh

of electricity
exported to
national grids
(in Mauritius and
Tanzania)

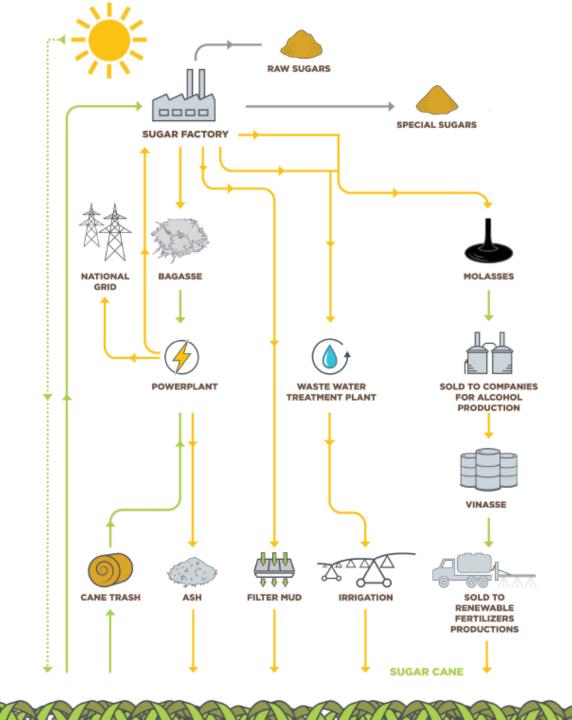


297,900

tonnes of sugar Produced (Including approx. 65,000 tonnes of special sugars

### **Sustainability at a Glance**









# Managing production input parameters and environmental impacts within the agricultural activities

- 1. 100% green cane harvesting policy, no more burning of sugar cane fields resulting in:
  - o Improved biomass, organic matters enriching our soils
  - Reduced herbicide treatments
  - Reduced erosion
  - Full trash blanketing through green mechanical harvesting for soil protection.
- 2. Precision agriculture in cane growing resulting in 20% increase in equipment productivity and reduction of cane stool damage.
- 3. Burying of fertilizers, resulting in:
  - Elimination of nitrogen losses by volatilisation
  - Elimination of run-off to streams/rivers/lagoon
  - Improved cane yields

# Managing production input parameters and environmental impacts within the agricultural activities

- 4. Adoption of the Bonsucro threshold for herbicide application (< 5 kg of active ingredient per hectare of land) to minimise air, water and soil contamination
- 5. Exploring regenerative agricultural practices for improving soil health and potential of carbon offsetting.
- 6. Alteo Agri Ltd (3,000 ha of Beau Champ Section Area) is Bonsucro certified





# Managing production input parameters and environmental impacts within the milling activities

#### 1. Circularity

- Application of circularity principle for all major waste:
  - Bagasse and cane trash are used for renewable energy production [current production: 100GWh]
  - o Effluents from the mill are reused for irrigation Alteo own sugarcane fields
  - Molasses are sold for alcohol production and onward production of liquid fertilisers
  - Filter mud and bagasse ash are re-applied in sugarcane fields for soil enrichment 24T/ha
- A dedicated waste management system onsite for a proper management of all other waste (plastic, scrap metals, cartons, paper, hazardous waste etc..).

#### 2. Effluent Management

- Monitoring of effluent parameters and volume for improving quality of effluents
- Wastewater treatment plant onsite (treatment capacity of 50m3/day)
- All effluents are used for irrigation of sugarcane fields



# Managing production input parameters and environmental impacts within the milling activities

- 4. Alteo Milling Ltd is Bonsucro certified
- 5. Carbon emission calculations for monitoring carbon footprint (Scope 1 & 2 only)
- 6. Monitoring of sustainability KPIs for the milling activities on a quarterly basis (water, energy, waste, effluent amongst others)





1. Continuous emphasis on Safety and health across all activities to have a zero-accident environment



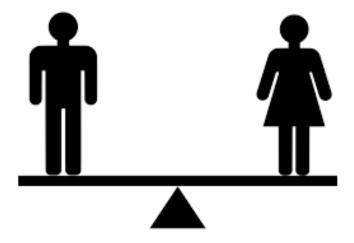
2. Focus on training and development



3. Addressing the shift pattern for preserving health of workers onsite



- 4. Strong commitment towards the community
  - Dedicated annual budget
  - Committee in place for managing CSR projects
  - Main pillars of intervention: education with a focus for disabled children, environmental conservation and protection and community empowerment
- 5. Work in progress for addressing gender balance within the Industry





### **Helios Beau Champ Ltd Photovoltaic Farm**

- > 9 MW Photovoltaic farm on 14 Ha of marginal land in Beau Champ
- Commissioned in December 2018
- > Yearly production of some 16 GWh of electricity exported to the national grid





Contributions to both our shareholders' foundations – Fondation Ciel Nouveau Regard (FCNR – Ciel) and Fondation Joseph Lagesse (FJL - IBL) in support of their CSR activities. This yearly participation exposes Alteo's industrial cluster to national CSR projects via the two respective foundations:





- FCNR is a strong advocate of the conservation of the environment and also several social projects focused on health, disabilities, education and the struggle against poverty in partnership with various local NGO's
- FJL is fully supportive of improving quality education, enhancing youth development, promoting social justice and human dignity as well as empowering communities









Employees were asked to bring in any personal items they wish to part with. After a very positive response, the CSR committee was able to lean on employees *volunteering* to prepare give away packs for 154 impoverished people in the neighbouring communities.





The next 3 CSR investments (Rs1,000,000+) (up to June 2022) include:

- the sponsorship of young necessitous, promising Mauritian athletes to develop their talent (athletics/kickboxing) as they train to compete in international events (Sport Pillar)
- Co-partnering with an NGO to focus on environmental projects (lagoon and land) – Mission Verte (Environment Pillar)
- Putting together a literacy programme for adults in the region with 2 to 3 facilitators (Education Pillar)









