



Bio Char Production

DRIVING INNOVATION AND SUSTAINABILITY WITH AGRICULTURAL PROJECTS

“Utilising technologies developed in the 21st century,
to provide innovative, environmentally friendly and
financially viable green solutions

January 2025

Confidential

Green Agriculture - The Opportunity

- Green Agriculture is establishing a Bio Char manufacturing business on the island of Mauritius.
- The 1st project in Mauritius requires funding, for a 30% equity and capex repayments
- The Biochar will be manufactured from an abundant source of coconut and wood biomass available on the island, to produce a high quality 85% to 95% fixed carbon content used in many applications
- The manufacturing process is simple, sustainable, environmentally friendly, low on emissions and energy consumption, producing for export to industries internationally
- There are no biochar manufacturers in Mauritius and therefore no competition for feedstock used in production
- Tax rates on company profits are extremely favourable for doing business in Mauritius



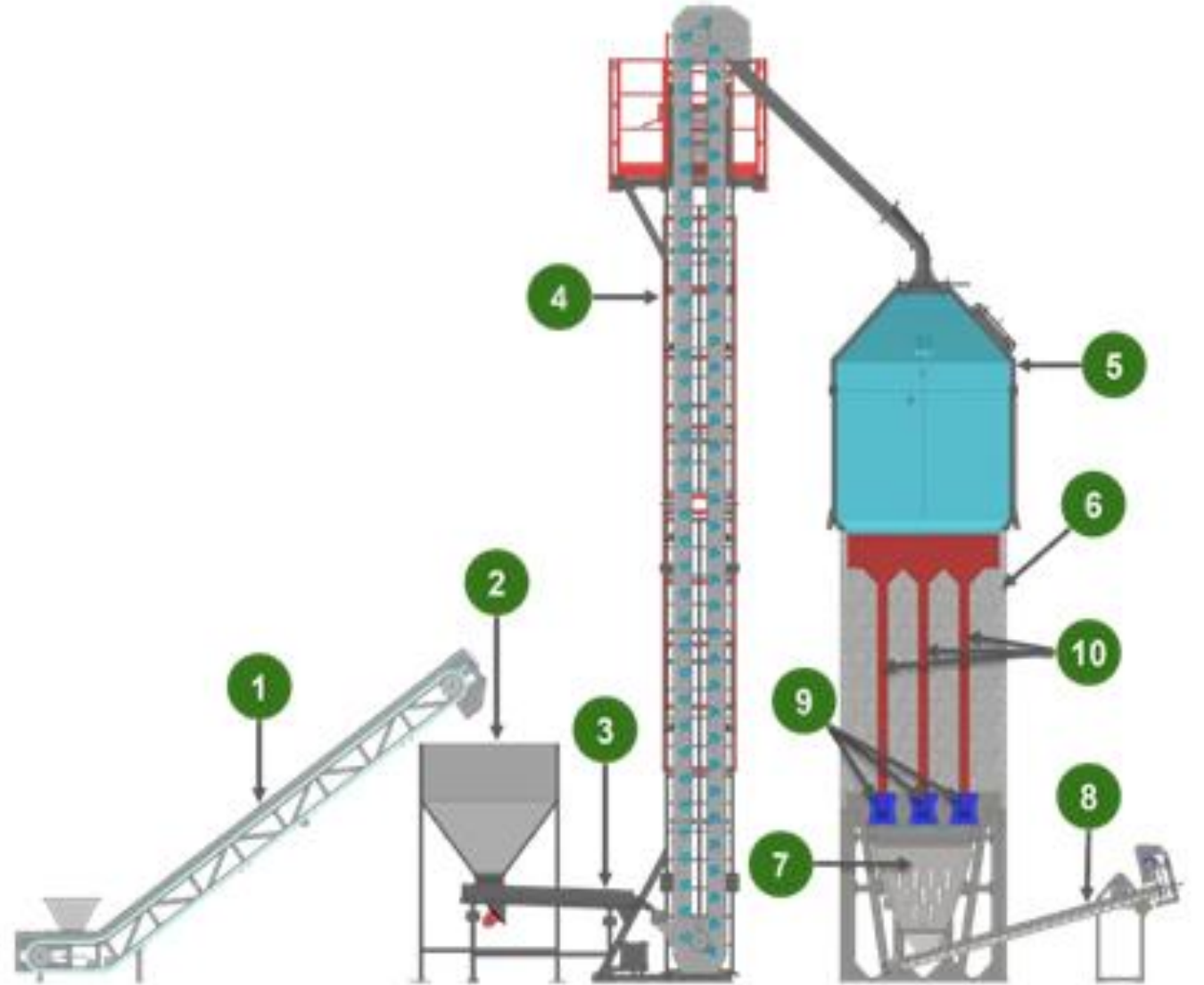
The Opportunity Contd.

- The investment can be recouped via subsidies available from the Mauritius Government for industrial and agriculture businesses (Refund up to 80% of project cost)
- Green Agriculture has acquired land in the South of Mauritius to construct the 1st Bio Kiln plant
- The Bio Kiln will be imported from Green Power Ukraine and constructed over a 4 month period
- Production costs year (1) are \$309 per ton (\$186 000 per annum) including \$215 000 capex repayments at 10% per annum (Over 36 months) and covering all fixed and variable overheads.
- The Biochar will sell for \$1000 per metric ton (\$200/M3 @ 200Kg/M3) at a 50 ton/month production rate



Bio Char Kiln

1. Conveyor
2. Storage hopper
3. Vibrating feeder
4. Bucket elevator
5. Loading hopper
6. Carbonization chamber
7. Stabilization hopper with air cooling system
8. Screw conveyor
9. Unloading devices
10. Channels for raw materials



Bio Char Plant Location

- Mauritius is situated in the Indian Ocean 2400 Kms from the East coast of Africa and 900Km's from Madagascar



Bio Char Plant Location



- The Bio Kiln will be located on the South side of the island in the district Mare D Albert
- The area surrounding the site is agricultural land and the site has easy access to the main M2 Highway that dissects the island.
- The access to the M2 places Port Louis 41Km's from the site location, with the airport within 8 Km

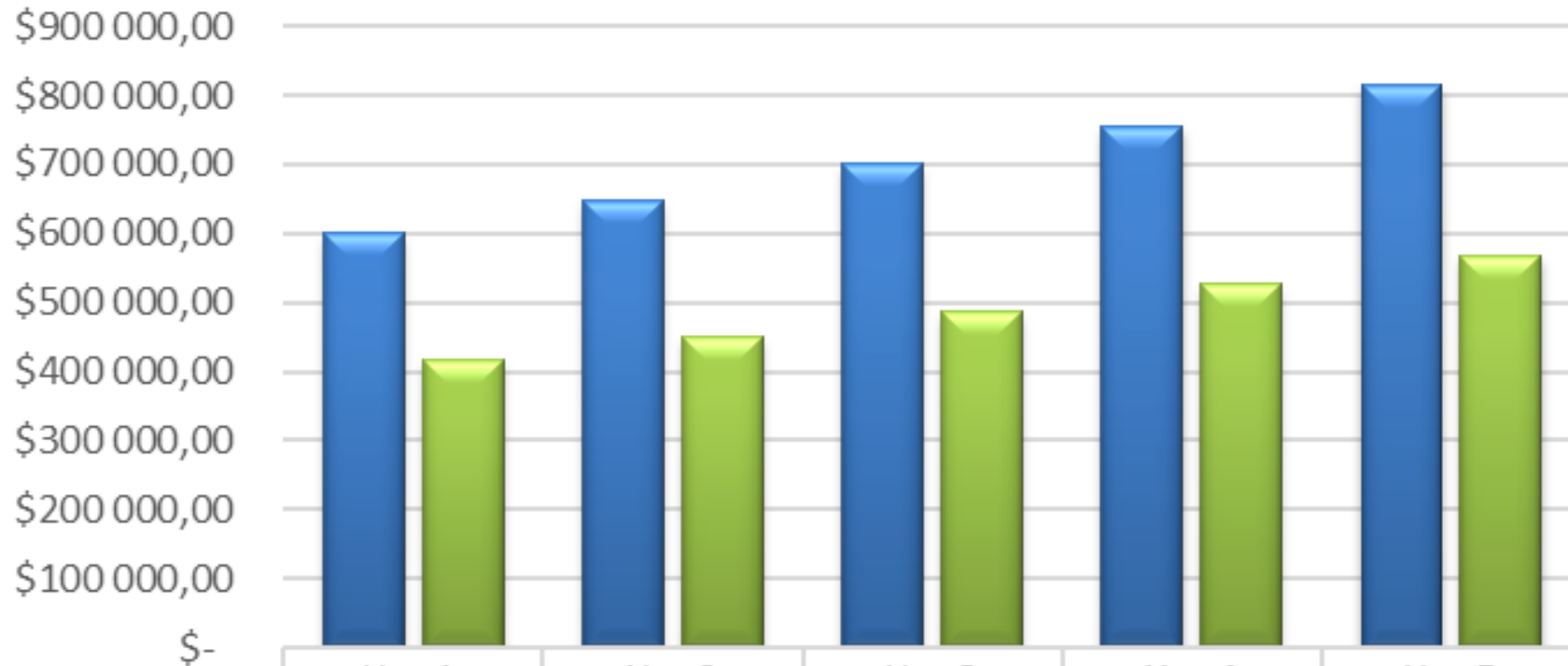
Investment Capex

- An investment of \$215 000 will be required to commence with the business and used as follows:
 - ✓ Month (1 & 2) - \$50 000 will be required for business operations, project management fees, land acquisition, site establishment, vehicle purchases etc
 - ✓ Month (1) - \$140 000 will be required to purchase and import the Bio Kiln from the supplier and complete construction onsite
 - ✓ Month (3) - \$25 000 to cover expenses until production commences, crane hire, yellow metal rentals for the collection of feedstock purchases and feeding the Bio Kiln plant etc.



Turnover and Profits – 5 Years

Biochar - Turnover and Profits



	Yr - 1	Yr - 2	Yr - 3	Yr - 4	Yr - 5
■ Turnover	\$600 000,0	\$648 000,0	\$699 840,0	\$755 827,2	\$816 293,3
■ Profits	\$417 553	\$450 957	\$487 033	\$525 996	\$568 076

Management Team



- **Colin Lotter CEO** – Is a dynamic force in engineering and sustainable development, with qualifications in both electrical and mechanical engineering.
- He has 30 years of experience in project management, coal mine establishment, coal washing plant construction and industry applications of carbon based products. Coupled with a complete understanding of char manufacturing from both coal and biomass, he will provide hands on management of the Biochar operations



- **Bianka Louw CFO** – Has more than 15 years of experience in business management and administration, with an excellent understanding of establishing practical and digital control systems that allow for efficient business operations
- Her experience in water sanitation, alternative natural medicines, and environmental sustainability suit the Biochar business model and will allow for smooth implementation of the project.



For more information email or contact:

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