



ONYX EARTH RENEWABLES

COMPANY PROFILE

VISIT WWW.ONYXEARTH BIOGAS.COM



Introduction

Onyx Earth Renewables a synonym for Environment, Energy, Eco Friendliness, power, hygiene, and health was established in 2018, even though its activities originated long in 2011, working with local Land Developers, Banks, Distillers, Daily Farmers and NGOS.

We have Sound, Experience and Technical personnel to undertake all the development programs We are a leading renewable energy company in Zimbabwe. Onyx Earth is known for providing Turnkey solutions including the design, engineering and construction of the Onsite waste water treatment plant and Biogas Digesters.

Mission

The work we do every day at Onyx Earth Biogas contributes in a sustainable way to the realization of the circular economy through the valorization of waste, the production of clean energy and the reduction of emissions.



Values

Expertise

We approach every challenge with professionalism to deliver the best models and technologies.

Reliability

Our products are high-quality, durable, and built for long-term peace of mind.

Environment

We offer solutions that meet the evolving needs of our planet.

Flexibility

We tailor every solution to match our clients' unique needs.

Innovation

Passion drives us to create, adapt, and improve—every step of the way.



OUR PRODUCTS AND SERVICES



Wastewater Treatment Plants Installation

Collection of all black and grey water which is then biologically treated followed by filtration in Artificial wetlands for reuse in irrigation and pools.

Wastewater to Potable is very viable and offer huge savings for the residents. Up to 80% saving on the water utility bill.



OUR RECENT WASTE WATER TREATMENT PLANT PROJECT

Barrington Project



OUR RECENT BIOGAS DIGESTER PROJECT

Chivhu Project





Civil Works & Earthworks

We provide essential groundwork for biogas and wastewater systems, including:

- Site clearing and excavation
- Concrete foundations and slabs
- Access roads and stormwater drainage
- Platform leveling and compaction
- Retaining walls and fencing

Built for strength, stability, and long-term performance.





Plumbing & Piping Systems

We design and install complete piping networks for biogas and wastewater systems, including:

- Slurry, water, and gas pipelines (PVC, HDPE, GI)
- Underground and surface pipeworks
- Leak-proof biogas lines and fittings
- Inlet/outlet plumbing for digesters and treatment units

Reliable flow, efficient delivery, and long-lasting performance.





Mechanical & Electrical Installation (M&E)

We install key mechanical and electrical systems to power and automate your biogas and wastewater infrastructure, including:

- Biogas pumps, blowers, and generators
- Smart meters and control panels
- Electrical wiring and solar integration
- Motorized valves and level sensors

Engineered for efficiency, safety, and reliable performance.





Water Reticulation & Distribution

We design and install systems to store, move, and reuse treated water efficiently, including:

- Storage tanks and reservoirs
- Distribution piping for irrigation and reuse
- Greywater recycling systems
- Pressure boosting and flow control setups

Smart water use for sustainable operations.





Waste Handling & Sludge Management

We provide solutions for safe and efficient handling of solid waste and sludge, including:

- Sludge drying beds and dewatering platforms
- Bioslurry storage and transfer systems
- Composting units and manure handling
- Odor control and waste stabilization methods

Turning waste into usable resources, cleanly and effectively.





Environmental Compliance Infrastructure

We help meet regulatory standards through:

- Monitoring boreholes and sampling points
- Spill containment structures
- Signage, fencing, and safety zones
- Designs aligned with EMA and WHO guidelines

Built to ensure safety, sustainability, and full legal compliance.





TARGET MARKET

FARMERS

Non governmental organisations

Bankers

Land Developers

Carbon Credits Institutions

OUR CLIENTS AND ASSOCIATES

ONXY EARTH Biogas is proud to work with a diverse group of individuals and organisations in addition to thriving towards being the best in the business. Below are some of the diverse affiliations we have worked with that validate the work we do everyday:



FOR REFERENCE

Name	Company	Contact
Eng. Ngwenya	CBZ	0775 472 627 0786 581 657
Eng. Mafuta	Ruro Properties	0775 913 385
Eng. Malvern	BancABC	0773 078 780
Eng Mugayi	Zimra	0773 056 074
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