



**Byestar International Limited**

*Eco-friendly for a better tomorrow.*



**BIOGAS & WASTE WATER  
TREATMENT SOLUTIONS.**



**PRODUCT CATALOGUE**

# NEED & MISSION



# Our Solutions

Energy is a vital need in homes and institutions, managing waste at source for a better tomorrow is not only essential but a noble act.

Our range of system will meet your different needs weather in a home setting or within an institution we have you covered.

## WELCOME THE NEW ERA OF EVERYDAY ADVANCING

It is now possible to produce cooking gas from your animal or kitchen waste. Get organic manure for your farm or even treat waste water and recycle it for flashing or irrigation.

### OUR MISSION:

Make access to clean energy achievable.

We contribute to sustainable goal no 6 and 7 clean energy, clean water and sanitation.



**SUSTAINABLE DEVELOPMENT GOALS**  
17 GOALS TO TRANSFORM OUR WORLD



# STRENGTHS

## VALUE FOR MONEY

We are committed to ensure you have an effective system that meets your expectations at an affordable price.

Our range of designs offers alternative systems and sizes that tailor fit your need.



## WARRANTY:

Our solutions come with 1 year warranty and after sales services provided by our specially trained technicians.

## EFFICIENT:

We have a number of well trained staff with vast experience over the years. Minimal time in project completion, proper use of materials avoiding waste and quick turn around time are service we pride ourselves in.



# MANY BENEFITS FOR CUSTOMERS:

- CONVENIENT:**  
Run out of gas no more, feed your system and get your gas and organic manure continually.
- SAVING ON INCOME:**  
No more purchase of gas, charcoal, firewood and kerosene  
No more purchase or fertilizer and manure for farming  
No more buzzer to empty your septic tank.
- AUTONOMY:**  
Have solutions that are not dependant on any network.
- ENVIRONMENT:**  
Products that are eco friendly and contribute to the general well being of the planet earth.
- HEALTH AND SAFETY:**  
Clean and safe solutions that free from indoor pollution and not highly flammable to easily cause fire.  
Self treatment system that are not a heath hazard to handlers.
- QUALITY**  
Robust design constructed skillfully to last year and years  
1 year warranty.

# NEW

# RANGE

## BIOGAS ENERGY SOLUTIONS



# 1. FIXED DOME DOMESTIC BIOGAS SYSTEM

## BENEFITS:

1. Cost effective
2. Durable
3. High gas pressure
4. Low maintenance

## PERFORMANCE:

1. Up to 10hrs of cooking gas
2. Back up lighting
3. Organic manure for farming

## INSTRUCTIONS FOR USE

Daily feeding of waste depending on gas usage.

## USES:

1. cooking
2. lighting
3. Run small farmers machinery
4. heating

## PRODUCTS SPECIFICATION

1. Type/ brick and mortar construction of 8-16m cubic
2. PPR piping from plant location to user point
3. Appliances to be used fitting.



## 2. PORTABLE BIOGAS SYSTEM

### BENEFITS

1. Cost effective
2. Portability
3. Fast installation
4. Minimal space

### PERFORMANCE.

1. Up to 6 hrs of cooking gas
2. Organic manure for farming

### PRODUCT SPECIFICATION

1. Hardened tubular material
2. Pvc piping from system to user point
3. Appliances and fitting

### USES

1. cooking
2. Lighting
- 3 kitchen gardening

### INSTRUCTIONS FOR USE

Daily feeding of waste depending on gas usage.



Portable domestic biogas



# 3. FIXED DOME COMMERCIAL BIOGAS

## BENEFITS

1. Cost effective
2. Durable
3. High pressure
4. Low maintenance

## PERFORMANCE:

1. Up to 8hrs cooking gas
2. Lighting

## USES:

1. cooking
2. Lighting
3. Running generator
4. heating

## PRODUCTS SPECIFICATION:

1. Under ground concrete construction
2. PPR piping from plant to user point
3. Fitting and appliances installation.



**Fixed domestic commercial biogas under construction**

# 4. WATER TREATMENT SYSTEM (BIO SEPTIC/ BIO DIGESTER)

## BENEFITS:

1. Cost effective
2. Durable
3. Low maintenance

## PERFORMANCE:

1. Clean all the grey and black waste water for recycling

## USES:

1. Irrigation
2. toilet flushing
3. Washing



## PRODUCTS SPECIFICATION

**Institutional waste water treatment system**

Under ground concrete tank with baffled walls.

## INSTRUCTIONS FOR USE.

Pumping water as regular as required



**Completed water treatment system**

# ADDITIONAL PRODUCTS



**LITTLE SUNSHINE**



**FAMILY SUNSHINE**



**HOME SUNSHINE**

# OUR AMBITION

Our ambition is to give our clientele the best service while installing the latest and most efficient technologies as we contribute to fighting climate change.

To achieve this we collaborate with well established partners from different organs: development partners, MFIs, Association, Cooperates and Government.

## Our Key Partners Are:



**KEREAA**  
Kenya Renewable Energy Association



**E4IMPACT**  
FOUNDATION



**HOME BIOGAS**<sup>®</sup>



**TOTAL**

Kenya  
**BIOGAS** program  
*moto safi, mbolea shwari*