



**M I G E S A D O**

Miradi ya GESi ya SAMadi DODoma  
Dodoma Biogas and Alternative Energy Project  
P.O.Box 9, Dodoma.  
Tel: 255 026 2350241  
Fax: 255 026 2350470  
E-mail: [MIGESADO@maf.or.tz](mailto:MIGESADO@maf.or.tz)

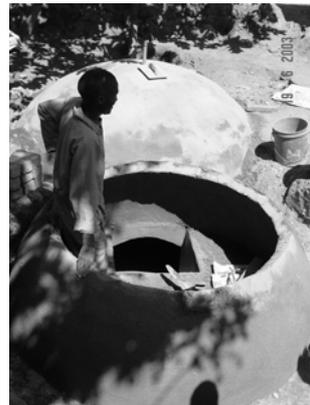
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Hujambo!

You take at least two cows in, even if you are a farmer, a particular or an institution as a school:  
MIGESADO is able to improve your way of life !

MIGESADO is an NGO which build Biogas plant in all Dodoma region.

Do you know that the cow dung could create energy for **Cooking, Lighting, freezing, and ironing?**  
A plant produces a biogas called methane by a process of fermentation of the animals manure. Methane is burned for different applications named above. The cow dung is transformed into slurry which is used to fertilize garden.



## Interview with a customer

Mrs Hagary Geoffrey Kimaro, Nkuhungu, Dodoma Urban



*"I and my husband take care of the 5 children of our family. We asked Migesado to build a digester in 2001. It real progress for our way of life .It has reduced considerably our electricity bill and we don't have to buy firewood anymore.*

*It's a really good way to win money and time for the rest of my life.*

*4 cows are enough to feed our 10m<sup>3</sup> biogas plant.*

*We consume our biogas 3 time a day with a burner in order to eat, and we can switch on the light until 5 hours each day.*

*Moreover the slurry improve our trees and we can sell some to our neighbors.*

*Since it was built, I didn't have any problems and Migesado's team come regularly to check the good state of work of my digester. It's also a good way for us to live in a safe environment because we have to clean the cow-shed.*

*I'm very glad to possess a digester and I strongly advise every concerned person to visit Migesado's team in Area C in order to build his own digester."*

Here is the comparison of Mrs Hagary Geoffrey Kimaro electricity cost before and after having a digester.

<i>Mrs hagary Geoffrey Kimaro</i>	<i>Electricity Cost before having a digester ( for a month )</i>	<i>Electricity Cost with a digester (for a month)</i>	<i>Gain in the electricity cost (for a year)</i>	<i>Prize of a 10 meter cube plant for a middle income earners (55% of the Total cost)</i>
<i>Family of 4 person and 4 cows</i>	<i>30000 Tsh</i>	<i>8000 Tsh</i>	<i>264000 Tsh</i>	<i>253 000 Tsh</i>

Migesado's team thanks very much Mrs Kimaro for her welcoming, and thanks you for your attention. We would be very glad to answer your questions. You can see Migesado's address at the beginning of this document.

See you soon !!! Karibuni sana.

Methane gas is used as follows :



←Cooking with a burner and without producing smoke.



Lighting with a gas lamp. →



←Ironing with a gas iron.

Refrigeration with a gas fridge. →

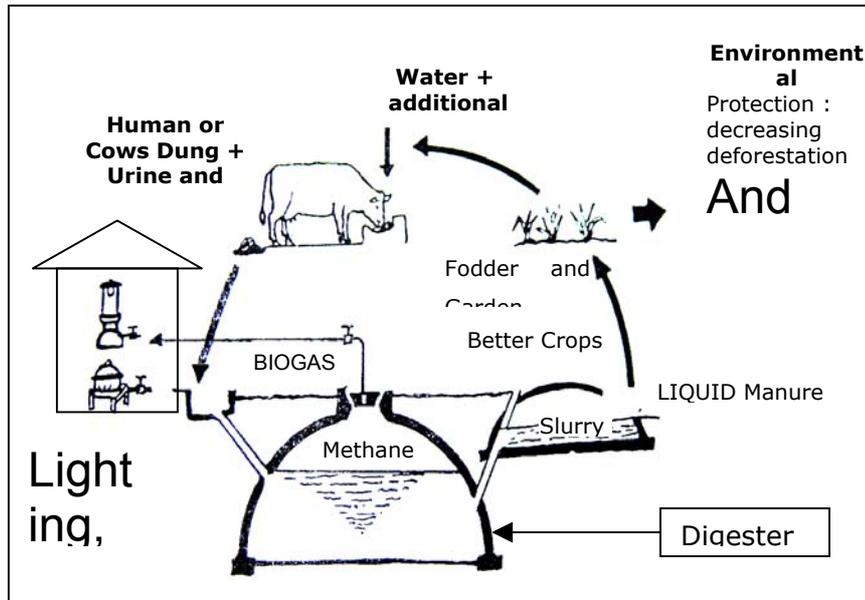


A plant produces a "smell-less" slurry that is used to fertilize vegetable garden and trees.

A plant would be a way to reduce your workload associated with collecting firewood.

MIGESADO build rain water harvesting tank in dry areas. That help you to collect water.





The methane is produced in the digester by anaerobic bacteria with natural wastes.

Customers contribute a part of amount according to their level of income from 42% to 75%.

MIGESADO works with partners who finance the construction of each plant.

MIGESADO Dodoma Biogas project was started in 1994, has already build more than 600 plants in the 5 Dodoma regions. It means that about 4100 persons are provided with gas for cooking and house lighting. All those customers can benefits of the maintenance of their digesters by MIGESADO's Team.