

# **LUDEG RECYCLING**

## **Annual Report**

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**(Executive Director & Senior Project Manager)**

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These are waste plastic deposited along the river stream founded on 26<sup>th</sup> November during our action to find where plastic waste have been damped. The place were also used by farmers to Cultivate crops. So now no cultivation



# What does LUDEG mean?

It is a short term of the word **Ludewa Development Group**.

It has legally got registered and certified early June 2018 with registration LDC/GR/925 located at Ludewa town near Lake Nyasa in the southern highlands of Tanzania.

# Who founded it?

I, Mr Musa Ibrahim Haule - *Studied BSc. Food Science and Technology at Sokoine University of Agriculture (SUA) Morogoro Tanzania(2013-2016).* I decided to come back to my village and try to find solutions to problems that faces my local community. During each year of my study, I used to look how knowledge I get will going to make positive impacts to my local community.



# Why does LUDEG look upon mainly on WASTE MANAGEMENT?

Waste especially **PLASTIC** is a major global problem. Its accumulation affects human, domestic and wildlife animals (aquatic or terrestrial animals) and its habitats. Plastic takes hundred or thousands of years to decay. Many plastic dumping have found through river streams and valleys. All organism in the *food chain* got affected. The damage to environment is also long lasting!

# Journey to plastic recycling

*“Recycling is not easy task as you can imagine!”*

LUDEG opted to recycle plastic into building materials (paver and building blocks). It was moving around damps, street water drainages, public areas with damping bag to collect them.

# Who funded the **RECYCLING PROJECT**?

March 2019 proposal was published regarding this project and sent by E-Mail to not less than 99+ both private, international NGO's, Embassies and private companies requesting **assistance to funding construction of workshop and purchase of working equipment for waste plastic recycling.**

# Who funded the **RECYCLING PROJECT**?

Among 99+ E-Mail sent, we received hopefully reply from one foreign Germany NGO named ***Afrika hilfe Franken*** with chairman *Kirsten Sauer*. With this organization we have got assisted to construction and purchase of working equipment's since early January 2020. Upon receiving of the fund, the work has started and immediately pictures and report has been sent to them.

# How is production progress?

With metal barrel put in the fire, waste plastic is put inside and waiting until it melts. When melts, fine dry sand is added and mixed. This mixture is put into metal frame and cooled, then block is removed.

With 1kg waste plastic, 3-4 paver blocks are made depending on the size and shape. 342 paver blocks and 36 building blocks have made from 114kg of waste plastic until now.

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