

## 6. KINGS BIOFUELS, KENOL, MURANGA

### About us:

Kings Biofuels deals with converting organic wastes to Energy. They deal with connecting people with Renewable Energy.

Kings Biofuels is a company incorporated in Kenya with a sole purpose of making fire briquettes as an alternative and substitute source of energy to enhance climate change mitigations as advocated by the Kenyan government and various foreign agencies.

### Contact

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## Converting Wastes to Energy



Biomass Briquettes in Kenya are made from bio-degradable waste materials such as saw dust, coffee husks, rice husks, bagassee, tobacco dust and hay.

Briquettes have higher calorific value, consistent quality, they are very clean to handle and always burn evenly.

Biomass Briquettes are widely used in thermal applications like steam generation in boilers, furnace, foundries and in domestic applications, institutions of higher learning and schools. They are also used in drying process and in gasification plants, as an alternative to conventional fossil fuels and Firewood.



### **Industrial Briquettes Boiler**

The company gives internships to students who are interested in Renewable Energy. It also targets Schools and Women Groups where he encourages them to use briquettes instead of firewood.

The organization partners with Kenya Climate Innovation Center that gives seed funds to upcoming entrepreneurs.



The company has invested heavily in machinery which he imports from abroad. There are 2 machines that produce upto 10 tons per day thus the machine runs 24 hours.

They make briquettes using saw dust which has a strong binding agent (lignin), they also use Rice Husk, coffee husk and macademia shells.

**Challenges:**

- Kenyans as a whole have not embraced Renewable Energy 100% because of lack of education and knowledge.
- Government lacks renewable energy policy – eg using renewable energy in the respective area instead of firewood that depletes the ecosystem.