A waste-to-energy project in a hog farm in North Carolina aims to set a new standard.

Maryland farmer Loyd Bryant started using a new system to process the waste from his 8,640 hogs. Developed with Duke University, the system turns the waste into electricity, reduces atmospheric pollution and creates fertilizer for raising more profitable crops.

The system was built in 2009 with off-the-shelf parts and on-farm financing and is now up and running. It includes an anaerobic digester, where bacteria “digest” the waste and convert feed residues into usable forms.

The project is attracting attention as it shows that digester systems can be profitable. Bryant’s system produces electricity at a rate of 100,000 kilowatt-hours per year.

The digester captures methane gas and burn it to produce electricity. It also converts nitrogen into usable forms, which can be used as fertilizer.

The digester system cleans the water for pollutants such as ammonia. The water can then be reused for irrigation and barn-flushing.

The system is ideal for raising cash crops, which are ideal for raising cash crops and saving money.

The digester system can be used to reduce atmospheric pollution and create fertilizer for raising more profitable crops.

The system is attractive because it can be profitable and reduce atmospheric pollution.

The system is also attractive because it can be easily modified to suit the needs of different farms.

The system is also attractive because it can be easily modified to suit the needs of different farms.