Proposal for the implementation of a Bio digester with reverse logistic in “Escuela de caninos Bogota Colombia”

Valeria Mendoza Cortes  
Student  
*Escuela Logistica del Ejercito Nacional De Colombia*  
Bogotá, Colombia  
vvaalleerriiaa@gmail.com

Jhon Jairo Parra Rodríguez  
Mayor of the Colombian Army  
*Escuela Logistica del Ejercito Nacional De Colombia*  
Bogotá, Colombia  
jhonj.parra@gmail.com

John Jairo Ramos Forero  
Captain of the Colombian Army  
*Escuela Logistica del Ejercito Nacional De Colombia*  
Bogotá, Colombia  
johnramos@live.com.mx

Luis Eduardo Rivera Virgüez  
Industrial Engineer - Professor  
*Escuela Logistica del Ejercito Nacional De Colombia*  
Bogotá, Colombia  
leдорivera@hotmail.com

Alexander Parra Rodríguez  
System Engineer – Research Advisor  
*Escuela Logistica del Ejercito Nacional De Colombia*  
Bogotá, Colombia  
alexanderparrar@gmail.com

Abstract

Nowadays the amount of waste that it’s wasted in the world is so much that sometimes we don’t think it in what other use we can give to it. This is why, with the problems of contamination that Colombia has, we proposed to implement a Bio digester in the “Escuela Canina del Ejercito Nacional De Colombia”, by applying the reverse logistics and green logistics collecting the feces of the dogs that are used in the school. This will generated renewable energy taking into account
that the energy is necessary for different forms of living and also use for the butane gas which it’s similar to the natural gas; even though, is a little more flammable. In order to reduce the pollution and create an impact on the reuse of the organic waste. This will also help economically in the public services of the school, the time uses in cleaning the kennels and algo the ecological impact in the wastewater where the feces are thrown.

**Keywords (12 font)**
Reverse Logistic, Bio Digester