

# Sustainable sanitation system in Ghana

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Propositions accompanying the dissertation  
Sustainable Sanitation System in Ghana: a Biogas Approach

Martha Osei-Marfo

Maastricht, Tuesday 29<sup>th</sup> March 2022, at 13:00 hours

1. Unsustainable sanitation systems are causing environmental pollution and public health risks, resulting in an estimated loss of GH¢ 420 million (US\$ 290 million) annually by the Ghana government (this dissertation).
2. Biogas technology is a sustainable sanitation system that could be harnessed for development and dissemination for the management of human excreta leading to improvement in environmental quality and socioeconomic development (this dissertation).
3. The need for a standardized biogas plant design requires the concerted effort of relevant stakeholders and policy makers (this dissertation).
4. Formulation of a national biogas policy will go a long way to help improve or facilitate the promotion of biogas technology in Ghana (this dissertation).
5. Waste is not waste, but a resource that has not been put into useful use.
6. We should not only deal with how we are affected by the environment, but also how we affect the environment.
7. Conscious efforts must be made to train children to be friendly to and protect our environment for posterity.
8. The adoption and use of biogas technology will not only protect the environment, it will also improve public health thereby increasing productivity, and also generate green energy (reduced emissions) for its users, hence, contributing to curb climate change (impact of results).
9. No matter the prison in which you are, nobody can imprison the power of your imagination (Mensa Otabil).
10. A person's word is a reflection of his character and it is a key to what is on his inside (Eric Nyamekye).