

Project Titles

- Community Based Biogas Plants for Energy Generation from the Process Waste to Supersede Firewood in Traditional Premium Shea Butter Processing
- Employing high-tech biodigester in wastewater treatment for biogas production
- Electricity generation from human excreta in institutions
- Use of low-tech biogas digesters in piggeries
- Biogas generation using human excreta for cooking needs in Prisons
- Use of prefabricated plastic/concrete culvert for biogas generation in small households
- Experimentation on high-tech digester instrumentation
- Biodigester application for the treatment of POME
- Cleaning biogas and compression into cylinders

Project Title	Community Based Biogas Plants for Energy Generation from the Process Waste to Supersede Firewood in Traditional Premium Shea Butter Processing
Project Submitted through	The Energy Centre, KNUST and ENERGY COMMISSION
Project Location	50 Communities in the Sheanut Zone in Northern, Upper East and Upper West Regions, within 45 District Assemblies.
Focus Areas of Intervention	<ol style="list-style-type: none"> 1. Value Addition for Poverty Alleviation among <u>Rural</u> Women Sheanut Processors. 2. Minimizing Excessive Use of Firewood in Traditional Shea Butter Processing which is resulting in Deforestation with subsequent Effect on Global Warming/Climate Change.
Project Phasing and Duration	<p>Phase 1: Establishing initial 10 Communities to ascertain the Financial Viability and Sustainability of the Project (3 Years).</p> <p>Phase 2: Covering the remaining 40 Communities (7 Years).</p>

Project Title	Employing high-tech biodigester in wastewater treatment for biogas production
Project Submitted through	RETT Biogas Working Group
Project Location	Selected Public Hospitals
Focus Areas of Intervention	<ol style="list-style-type: none"> 1. Wastewater treatment 2. Electricity generation for the grid
Project Duration & Technology	Two (2) years & CSTR/UASB

Project Title	Energy generation from human excreta in institutions
Project Submitted through	RETT Biogas Working Group
Project Location	Selected Institutions (Schools, Prisons)
Focus Areas of Intervention	<ol style="list-style-type: none"> 1. Wastewater treatment 2. Biogas for Cooking 3. Electricity generation
Project Duration & Technology	One (1) year & Low-tech

Project Title	Use of low-tech biogas digesters in Livestock farms
Project Submitted through	RETT Biogas Working Group
Project Location	Selected farms
Focus Areas of Intervention	<ol style="list-style-type: none"> 1. Waste treatment 2. Biogas for thermal application 3. Electricity generation
Project Duration & Technology	One (1) year & Low-tech/high-tech

Project Title	Biodigester application for the treatment of POME
Project Submitted through	RETT Biogas Working Group
Project Location	Selected Palm Oil Mills
Focus Areas of Intervention	<ol style="list-style-type: none"> 1. Waste treatment 2. Biogas for thermal application 3. Electricity generation
Project Duration & Technology	One (1) year & high-tech

