



# Empowering Communities with Clean Cooking through Affordable Biogas Solutions

Presented By:

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Devine Renewable Energy Company (DRECO)

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# Our Mission

To drive social, economic, and environmental impact for households and institutions with renewable energy solutions.



Location  
Central Uganda



Industry  
Renewable  
Energy (Biogas)



5-Year Goal  
950 projected

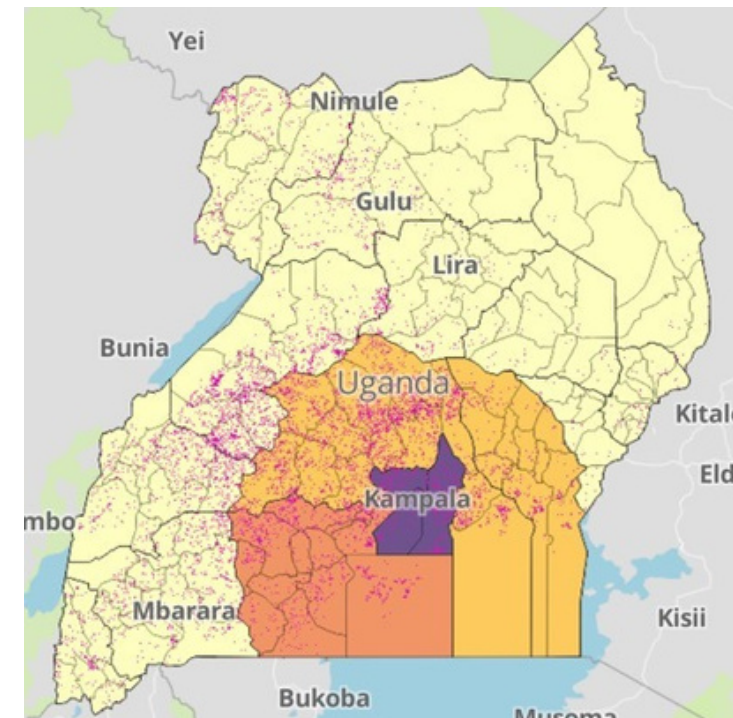
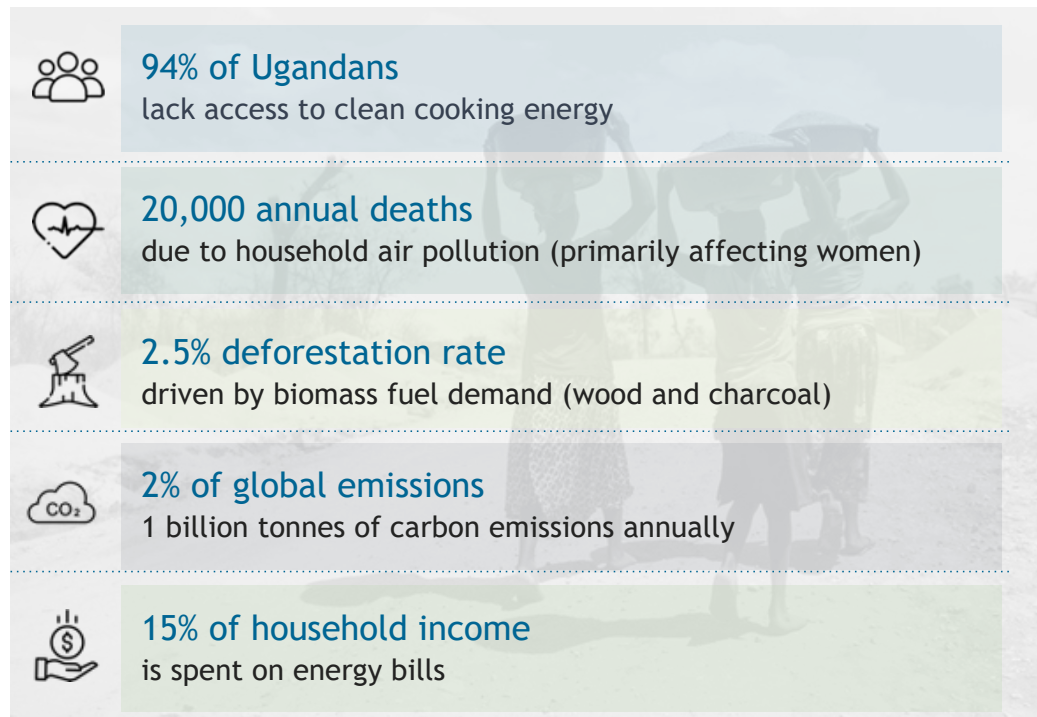


Team  
20 staff, 5 full-  
time





## The Problem



Source: Energy Access Explorer

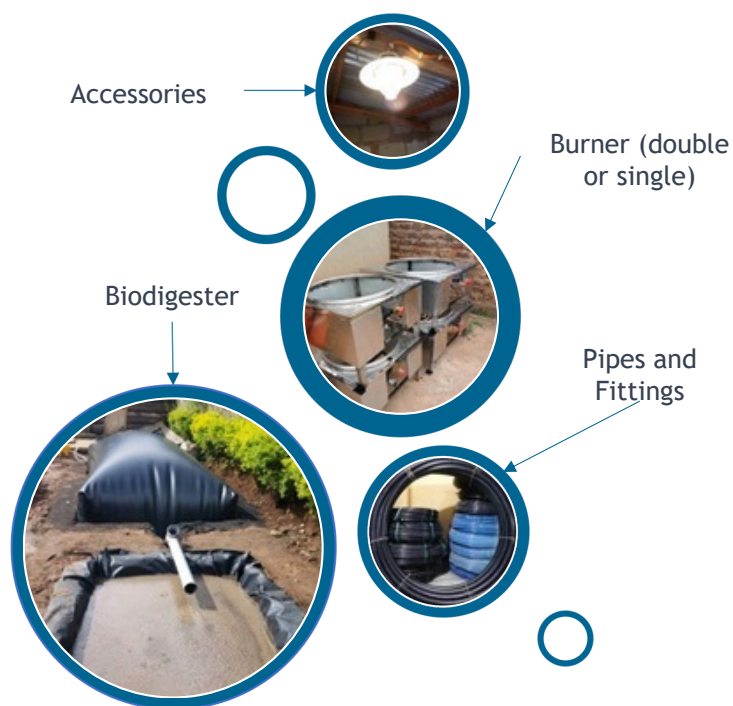
## The Solution

### Affordable access

- § Flexible payment plans make biogas more affordable
- § Financing options are available through partnerships with financial institutions.

### High-quality product

- § High-quality biodigester from Sistema.bio, a globally recognized industry leader.
- § 10-year warranty on the reactor underscores the company's confidence in its product quality.



### Professional installation

- § Certified technicians provide professional installation, ensuring safety and efficiency.
- § Quality control measures guarantee optimal performance.

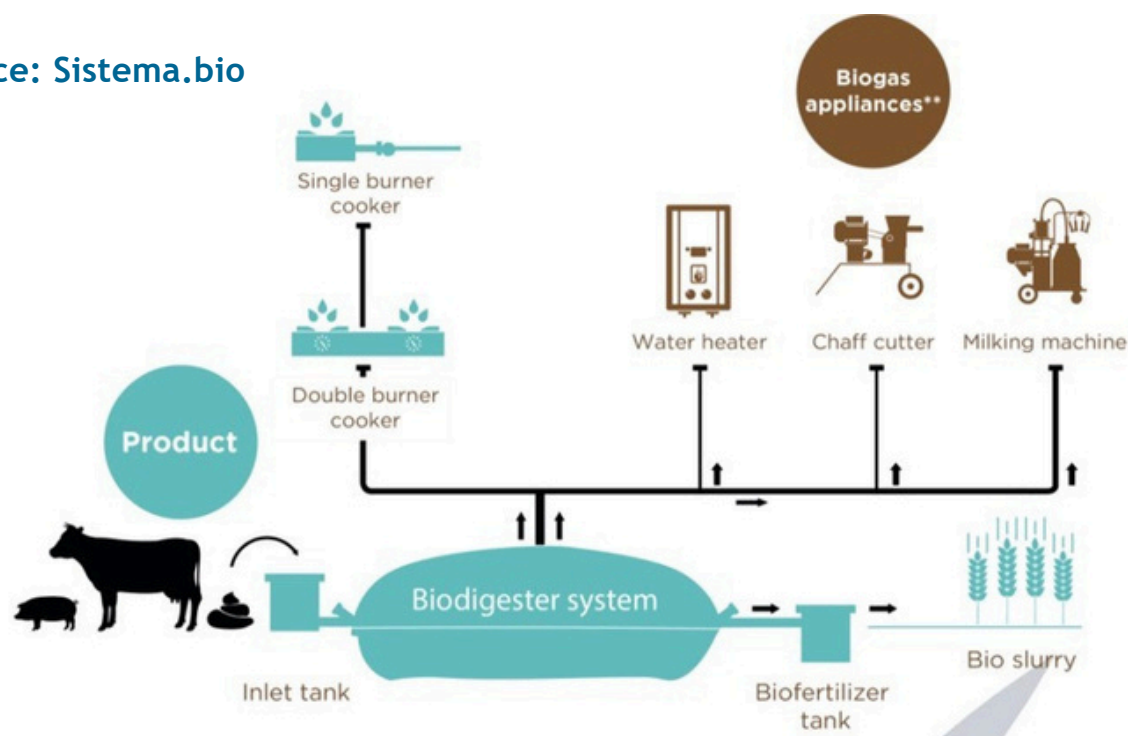
### Ongoing after-sales support

- § Routine maintenance and responsive troubleshooting, ensures continuous operation.
- § A dedicated customer service team handles inquiries, repairs, and system upgrades.



## Product/ Technology

Source: Sistema.bio



### Key Product Features:

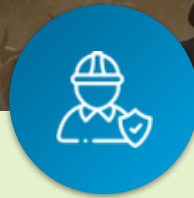
- Easy installation and operation
- Strong supplier brand (Sistema.bio)
- Variety of size to cater to different needs
- Durability with a 20+ year lifespan
- High-efficiency biodigesters
-

# Impact and Growth



500

Biogas systems  
installed



20

Direct jobs created  
with 5 fulltime staff



5tCO<sub>2</sub>

Tons of CO<sub>2</sub>emissions  
reduced per  
digester/year



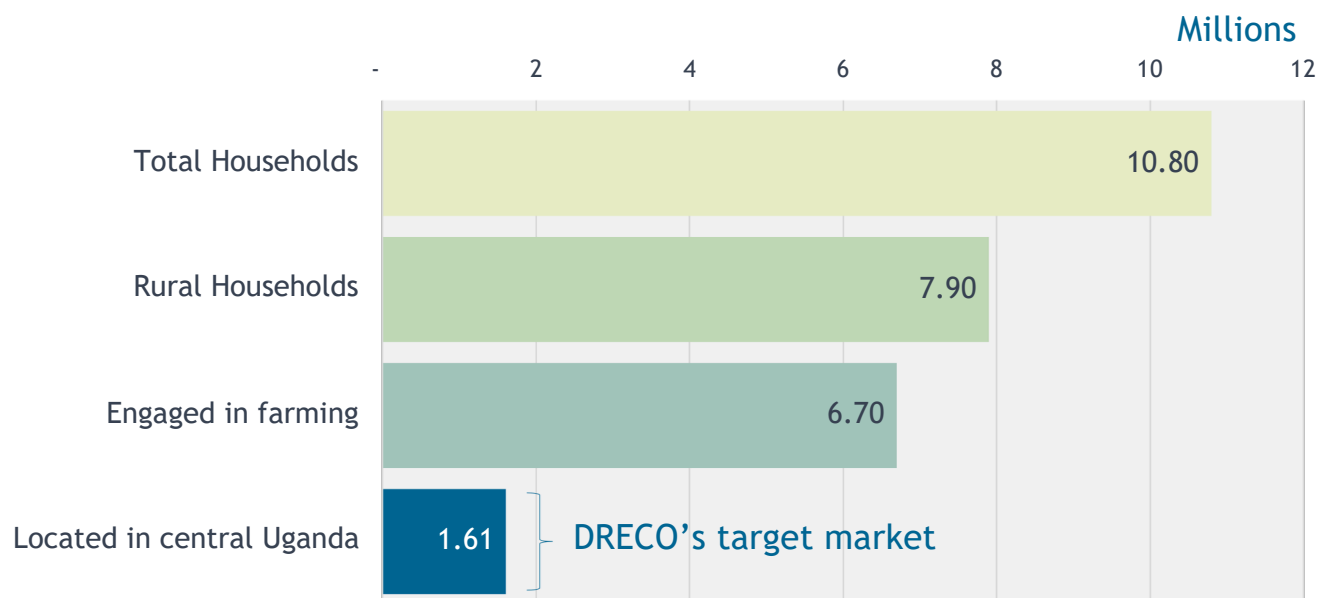
\$380K

5-Year projected  
revenue (2025-  
2029)



## Market Size

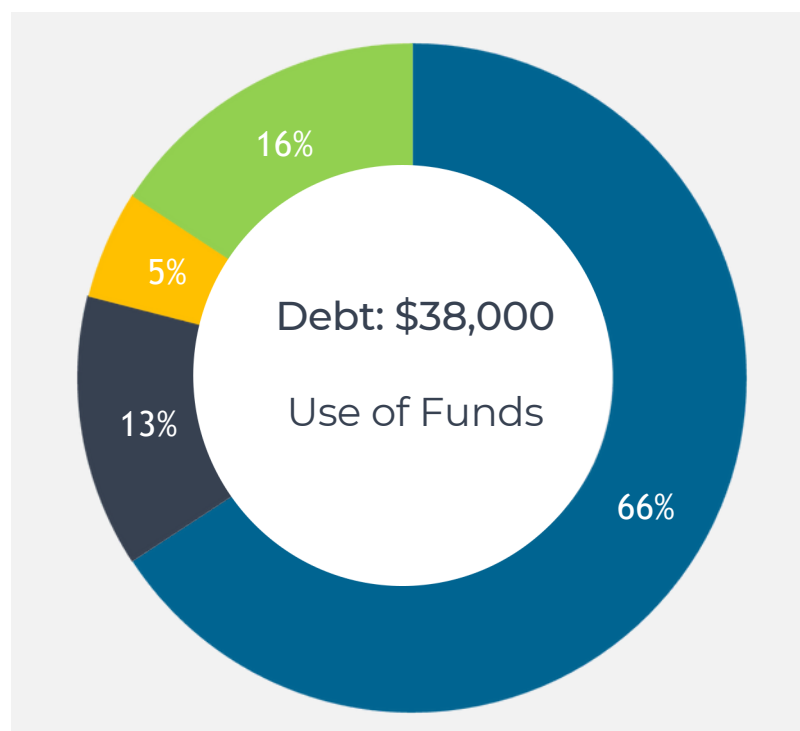
Biogas has potential to benefit 7 million households.



This is supported by government's target of 40% clean cooking access by 2040.



## Financing Ask



66%

**Inventory:** Purchase of Sistema systems and -Importing of biogas appliances from China

13%

**Machinery:** Machines to support the fabrication of stoves

5%

**Marketing:** Finance customer referral program and increase engagement with other channels

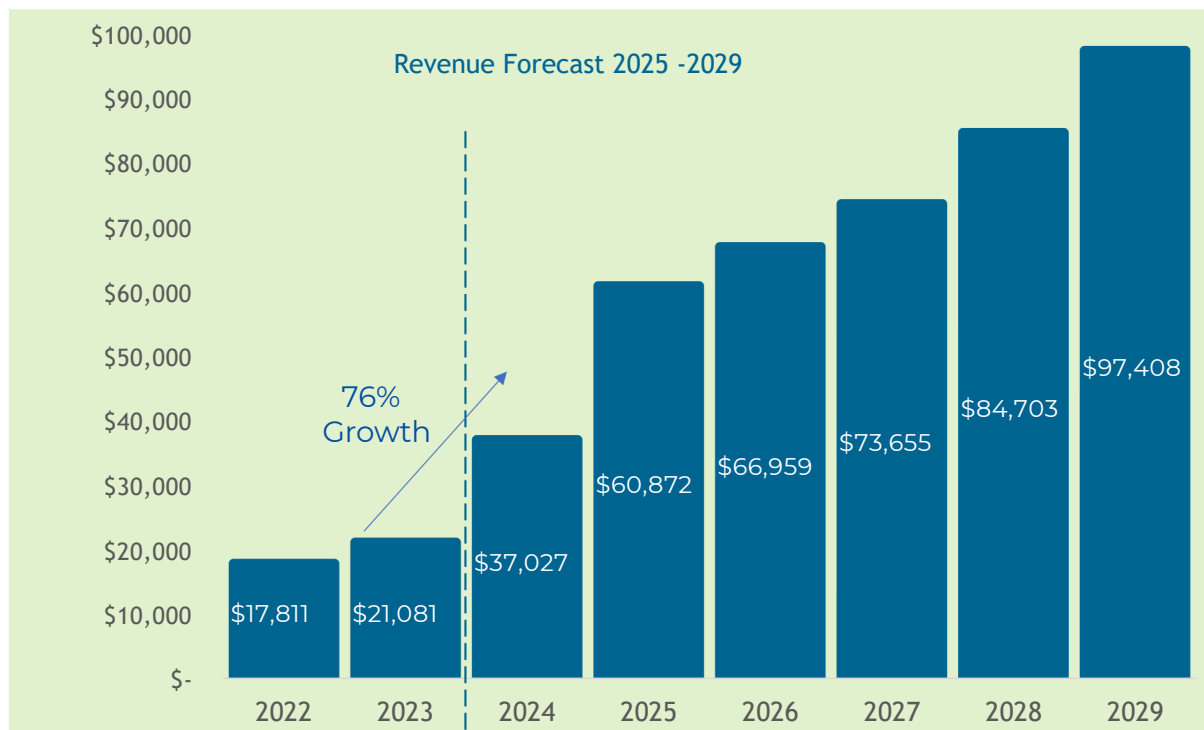
16%

**Working Capital:** Manage day-to-day operations and ensure smooth cash flow.



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## Financial Snapshot

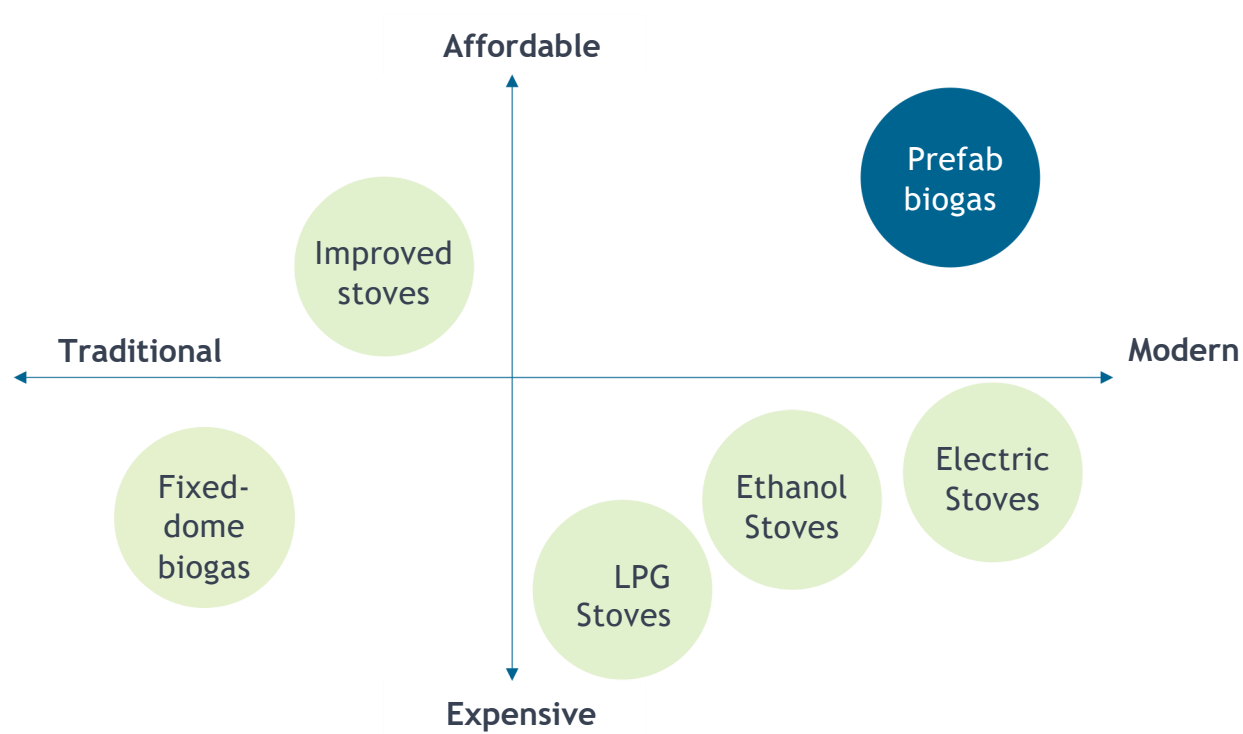


**950**  
5-year sales projections

**46%**  
Gross product margin

**\$400+**  
Revenue per customer

## Competitive Landscape



### DRECO's Competitive Advantage

**Early-Mover Advantage:** DRECO is a pioneering prefab biogas distributor with a strong brand reputation.

**Customer Focus:** Unlike most competitors, DRECO prioritizes delivering an exceptional biogas experience.

**Regional Dominance:** DRECO has established a strong presence in central Uganda.



## Biogas is the Ideal Solution for Households in Rural Areas

| Type of stove               | Health             | Gender             | Environment        | Upfront cost       | Fuel cost          | Disruption risk    | Scalability        | Efficiency and cooking time |
|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------|
| Gathered biomass            | Low performance    | Low performance    | Low performance    | High performance   | High performance   | Medium performance | Not applicable     | Low performance             |
| Charcoal and fuelwood       | Low performance    | Low performance    | Low performance    | High performance   | Medium performance | Medium performance | Not applicable     | Low performance             |
| Coal                        | Low performance    | Low performance    | Low performance    | Medium performance | Medium performance | Medium performance | Not applicable     | Low performance             |
| Kerosene                    | Low performance    | Low performance    | Low performance    | Medium performance | Medium performance | Medium performance | Not applicable     | Medium performance          |
| Improved biomass cookstoves | Medium performance | Medium performance | Medium performance | Medium performance | Medium performance | Medium performance | High performance   | Medium performance          |
| LPG                         | High performance   | High performance   | Medium performance | Medium performance | Medium performance | Medium performance | High performance   | High performance            |
| Natural gas                 | High performance   | High performance   | Medium performance | Medium performance | Medium performance | Medium performance | Low performance    | High performance            |
| Electric cooking            | High performance   | High performance   | Medium performance | Medium performance | Medium performance | Medium performance | Medium performance | High performance            |
| Biogas                      | High performance   | High performance   | High performance   | Low performance    | High performance   | Medium performance | Low performance    | High performance            |
| Ethanol                     | High performance   | High performance   | High performance   | Medium performance | Medium performance | Medium performance | High performance   | High performance            |

■ High performance 
 ■ Medium performance 
 ■ Low performance 
 ■ Not applicable



**Minimal operating expenses:** Once installed, the operating costs are minimal, not requiring ongoing fuel purchases.



**Waste-to-Energy:** This connection reinforces the sustainability aspects of biogas and its contribution to a more environmentally friendly energy system.



**Locally sourced fuel:** This makes biogas a highly suitable clean cooking solution for rural households, with abundant animal waste.



## The Team

**DRECO combines technical and local expertise to distribute its solutions to reach the last-mile households.**



**Grace Namirembe**  
Founder and  
Director

- M.A. Land Use and Regional Development
- 6+ Years Experience in Building Sustainable Innovations
- Strategic Planning and Execution



**Disan Mitala**  
Operations  
Manager

- Dip. Civil Engineering
- 6 Years Experience in Product Development
- Biogas Technology and Solutions



**Sylvia Kabogoza**  
Finance  
Manager

- ICPAU Level 3 ACCA
- Certified Accountant Cert.
- Computer Studies
- Budget and Financial Management



**Joseph Kato**  
Sales  
Manager

- B.A. Business Administration
- Marketing Business Strategy
- Relationship Management
- Doing Business in Last-Mile Communities



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## Strategic Partnerships



Product Development  
& Manufacturing

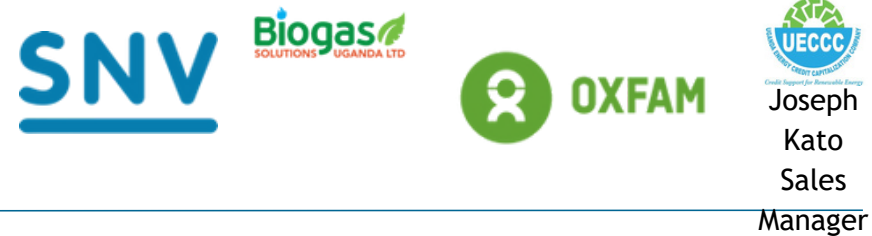


Awareness & Distribution  
Supporting with customer acquisition



Program Partners

Supporting through grant funding, capacity-building, and technical assistance.





# So join us in empowering communities.



## Partner with DRECO to Build a Cleaner, Healthier Future

For inquiries or further information, please contact Ms. Grace Namirembe, our Founder and Director:

Email: [drecoenergy@gmail.com](mailto:drecoenergy@gmail.com) | Tel: +256 702 306545

DRECO is a registered company, incorporated in 2021, with headquarters in Kampala, Uganda.