



QUALI - BREEZE

Clean Air. Healthy Communities. Sustainable Future.

PROJECT PROPOSAL

Clean Cooking for 1000 Kasoa Homes Project

Theme: *Together for a Cleaner and Healthier Community.*

Location: Oduponkpehe Football Park, Kasoa

Proposed Date: 1st Quarter, 2026

Submitted by: ©Quali-Breeze LBG
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1. Executive Summary

Kasoa continues to experience rising levels of air pollution driven by household biomass cooking, open burning of waste, poor waste management practices, and urban congestion. These environmental challenges disproportionately affect women, children, in low-income communities leading to increased respiratory diseases, environmental degradation, and poor quality of life.

The *Clean Cooking for 1000 Kasoa Homes Project* is a community-focused initiative designed by Quali-Breeze to reduce household air pollution, promote LPG adoption, and improve community waste management practices through education, an exchange program, and the distribution of clean cooking technologies. The project will allow residents to exchange 5 kg of plastic waste for LPG cylinders cooking stoves, Electric cooking stoves, waste bins, and tree seedlings, encouraging behavioral change and environmental stewardship.

The intervention also support the National Petroleum Authority (NPA) cylinder recirculation model and advances Ghana's transition toward clean cooking solutions, improving public health, and supports the Sustainable Development Goals(3-Good health & Well-being, 6-Clean Water & Sanitation, 7 Affordable & Clean energy, 10-Reduce Inequalities, 11-Sustainable cities & communities, 13-Climate Action and 17-Partnership for the goals).

2. Background and Problem Statement

Kasoa is rapidly urbanizing, with accompanying challenges such as:

- High dependence on biomass fuels (charcoal, firewood) for cooking.
- Indoor and outdoor air pollution levels that exceed WHO guidelines.
- Increased respiratory related diseases, especially among women and children.
- Indiscriminate dumping and burning of plastics and household waste.
- Limited awareness of the health implications of air pollution.
- Deforestation due to firewood and charcoal collection.
- Low adoption of LPG due to affordability constraints
- According to national clean cooking data, over **70% of low-income households** rely on polluting fuels. Household air pollution contributes significantly to asthma, bronchitis, eye irritation, and cardiovascular diseases.

The project addresses these challenges through awareness creation, behavioral change, clean cooking technology access, and incentivized environmental cleanup.

3. Project Rationale

This project is grounded in the need to:

- Reduce household air pollution and improve public health.
- Introduce affordable clean cooking alternatives.
- Reduce indiscriminate plastic burning and dumping.
- Promote a circular economy through recycling.
- Enhance environmental resilience and climate action.
- Empower women economically and socially through cleaner household energy.
- Strengthen collaboration between government, civil society, and private sector actors.
- By linking environmental cleanup to access to clean cooking tools, the project delivers both climate and health co-benefits while improving community participation and ownership.

4. Project Goal

To promote clean cooking, improve waste management, and reduce air pollution in Kasoa by empowering communities with knowledge, tools, and alternatives that support better environmental and public health outcomes.

5. Project Objectives

- Promote the adoption of clean cooking solutions among low-income households.
- Reduce indoor and outdoor air pollution associated with biomass fuel use and open burning.
- Encourage community-level waste segregation and recycling.
- Enhance environmental education on air pollution, climate change, and LPG safety.
- Plant 1,000 trees to restore local ecosystems and enhance air quality.
- Empower women and vulnerable groups through access to clean cooking stoves.

6. Target Participants

- Market women.
- People living with disabilities.
- Taxi, Trotro, Pragia, and motorbike rider. (Community transport operators)
- Low-income households.
- Youths.
- Residents of Kasoa and neighboring communities.

7. Key Activities

A. Community Education & Training

- Education on clean cooking and benefits of transitioning to LPG
- LPG safety training
- Education on air pollution and health impacts
- Waste segregation and recycling awareness
- Community dialogue with experts and local authorities

B. Exchange Program

Participants will bring at least 5 kg of plastic waste in exchange for:

- LPG cylinder cooking stoves
- Electric cooking stoves
- Waste bins
- Tree seedlings

C. Distribution Activity

- 1000 LPG cylinder cook stoves
- 100 electric cook stoves
- 100 waste bins
- 1,000 tree seedlings

D. Media & Publicity

- Social media campaigns.
- Community television and radio sensitization.
- Branded banners and event signage.
- Documentation and photography.

E. Event Day Activities

- Cleanup exercise
- Speeches and expert sessions
- Demonstrations on proper LPG use
- Interaction between partners, sponsors, and community members.
- Distribution of clean cooking stoves, Waste bin and Tree seedlings.

8. Implementation Plan (3-Month Timeline)

Month Activities

Month 1	Setting up meetings for stakeholder engagement(Testing), Contract, and partnership signing for all stakeholders, regulatory approvals, and location confirmation.
Month 2	Procurement, Letters of Invitation, Stakeholders invitation, participants form confirmation. Publicity campaigns, community sensitization, logistics arrangement, event set-up, and confirmation of guests.
Month 3	Confirmation on receipt of all items, logistics and complete all pending process. Event kick-off

9. Expected Outcomes

- Increased adoption of LPG and clean cook stoves.
- Reduction in biomass fuel dependence
- Cleaner environment through plastic waste collection.
- Improved public health and reduced indoor air pollution.
- Improved community knowledge on air pollution, waste management, and climate action.
- 1,000 trees planted, improving local air quality and ecosystem health.
- Empowered women and vulnerable groups with clean energy tools.

10. Monitoring and Evaluation Framework

Indicators include:

- Number of people sensitized.
- Number of households transitioning to LPG.
- Volume of plastic waste collected.
- Number of distributed LPG cooking stoves, and waste bins.
- Participant satisfaction surveys.
- Tree survival rate after three months.
- Number of usage after 3month compared to distribution.

Data collection tools:

- Forms
- Photo/video documentation.
- Interviews and community feedback.
- Tracking inventory of distributed items.

11. Sustainability Plan

- Continuous follow-up and data collection with beneficiaries on LPG adoption and usage.
- Collaboration with recycling companies for ongoing plastic buy-back.
- Integration with municipal assembly environmental programs.
- Engagement of local champions for clean cooking advocacy.
- Strengthened partnerships with LPG companies for refill affordability and availability.

12. Organizational Capacity

Quali-Breeze is a registered environmental organization in Ghana dedicated to improving air quality through advocacy, education, and community-oriented solutions. Quali-breeze has experience executing environmental campaigns, workshops, research, community-focused clean air programs, installation of air monitors in Kasoa community and stakeholder mobilization.

13. Detailed Itemized List

A. Clean Cooking & Waste Management Items

S/N	ITEMS
1	3kg LPG Cylinder cook stoves
2	Electric Cook stoves
3	Waste Bins (Household size)
4	Tree Seedlings

B. Event Logistics & Operations

S/N	ITEMS
1	Location Rent
2	Stage Setup
3	Sound System
4	Canopies, chairs & Table Rental
5	Water & Refreshment
6	Volunteer T-shirts
7	Transportation & Fuel
8	First Aid & Fire Service
9	Security

C. Media, Communication & Branding

S/N	ITEMS
1	Banners & signage
2	Flyers & Print Media Advert
3	Community Radio & Television Advert
4	Photography & Videography
5	Social Media promotion
6	Press and Media TnT(Logistics)
7	Influencers

D. Personnel & Coordination

S/N	ITEMS
1	Project Coordinator
2	Field Officers
3	Event Support Staff
4	Monitoring & Evaluation
5	Volunteers

14. Stakeholders

- Quali-Breeze Team
- Sponsors & Partners
- Awutu Senya East Municipal Assembly
- EPA Kasoa Area Office
- National Petroleum Authority (NPA)
- Ministry of Energy and Green Transition
- Ghana Health Service, Awutu Senya East municipal
- Ghana Fire Service, Kasoa Area Office
- Forestry Commission
- Ghana Police Service, Kasoa Area Command
- Plastics Recycling Company
- Approved Gas companies in charge of Kasoa CRM
- Corporate Ghana
- Social Groups and Association in Awutu Senya East Municipal Council

15. Conclusion

The *Clean Cooking for 1000 Kasoa Homes Project* is a transformative, community-centered intervention that combines clean cooking, environmental cleanup, recycling, tree planting, and public education. By supporting this initiative, partners and sponsors will be contributing to cleaner air, better public health, and a sustainable future for Kasoa, Ghana.

Together, we can build a healthier, cleaner, and climate-resilient Kasoa.

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