

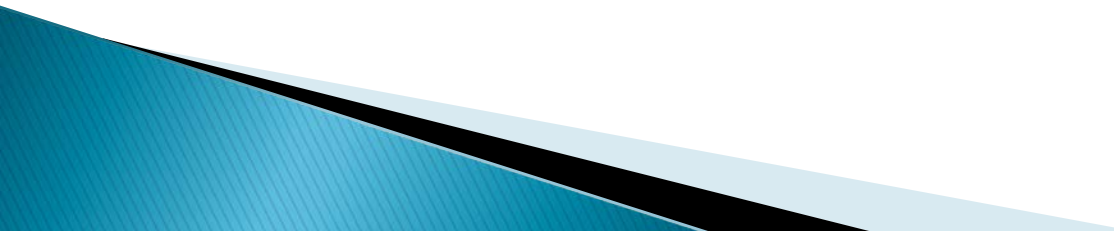
**WOMEN'S ECONOMIC
EMPOWERMENT THROUGH
ENERGY ACCESS
7TH – 9TH MAY 2013**


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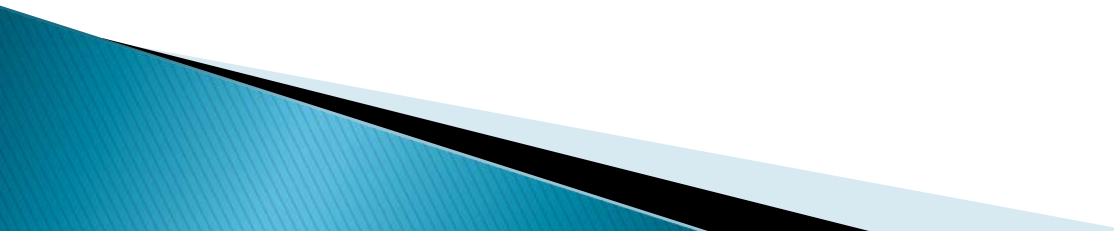
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INTRODUCTION


- ▶ Women food processors in the Dangbe–West District in Ghana requested for improved stoves to reduce the burden of using firewood and charcoal for cooking.
 - ▶ The project implemented was the LPG improved stove which is very easy to handle and burns with little or no smoke therefore reducing the incidence of smoke related diseases of indoor air pollution from fumes and smoke of wood fuels.
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- ▶ Women who are mostly farmers and street food sellers were targeted in Afienya, Kordiabe and Ayikuma, all in Dangbe–west district.
 - ▶ A workshop was scheduled to train fifty–two women on gender mainstreaming after which stoves produced by ANOMENA Ventures were given to the women to be paid for by instalment.
 - ▶ Transportation & mobilisation – Ministry of Local Gov't & District Assembly, Stove manufacture – Anomena Ventures, Training in Gender Sensitisation – Gender & Energy Network, Ghana.
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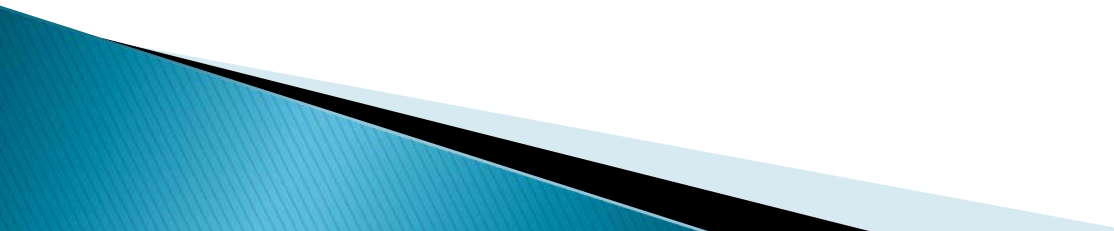
RATIONAL

- ▶ Recognise socially assigned roles of women: responsibility for food processing
 - ▶ Strengthen women's economic capacity and sustainable livelihoods as entrepreneurs, producers and rural-based community workers
 - ▶ Develop strategic activities and build partnerships to eradicate feminized poverty
 - ▶ It was a needs based project
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Socially Assigned Role of Women

- ▶ Involve women in all phases of conceptualisation, planning, execution and monitoring of energy projects
 - ▶ Equal opportunity in education and training
 - ▶ Involve women in selection, promotion and use of decentralised energy resources – particularly in development of the biomass energy sector
 - ▶ Draw on women's practical experiences as users and suppliers of energy and custodians of natural resources.
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Capacity Building of Women

- ▶ Providing energy supplies for small enterprises and agricultural production
 - ▶ Monitoring schemes should be devised to include district assemblies, women's groups, and local traditional authorities.
 - ▶ A rural women's technician corps comprising the women users of clean energy and lady technicians.
 - ▶ Confidence building for women on the use of clean energy technologies
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Reducing fuel wood use in Fish Processing Business

Way Forward for Mrs. Djangba

- Introducing improved energy technologies to minimize the use of fire wood

Impact:

- Reduces the long and cumbersome processes involved in travelling to the forest to buy wood fuel
- Reduces risk involved in travelling with transport (accident)
- Eliminates entirely the issue of excessive use of fire wood
- Eliminates problem of in-door air pollution in the fish frying business.





Gender Goals

- Productivity
- Welfare
- Health and Safety

Energy Form	Needs and issues		
	Practical needs	Productive needs	Strategic interests
Improved cook stove technology	<p>Improved health through improved wood fuel stoves and LPG</p> <p>Improved environment through elimination of smoke and excess heat</p> <p>Less exposure to risk</p>	<p>More time for other activities.</p> <p>Lower cost of fuel hence increasing profit</p>	<p>Address the issue of forest depletion</p> <p>Make the business safer and more attractive for both men and women</p>
Stakeholders			
Sub-groups			
<p>Source of fish</p> <ul style="list-style-type: none"> •Fishermen •Fish Mongers •Cold Stores 	<p>Fuelwood suppliers</p> <ul style="list-style-type: none"> •Individuals •Forestry 	<p>Oil suppliers</p> <ul style="list-style-type: none"> •Wholesale oil producers 	<p>Clients</p> <ul style="list-style-type: none"> •Second cycle schools •Kenkey sellers •Individuals •Workers

CASE STUDY TWO

**ASSESSMENT OF THE ENERGY SITUATION
AND NEEDS OF GOD'S TIME IS THE BEST
STREET FOOD VENDING**

Identification of Stakeholders



interviewing stakeholders



interviewing stakeholders

Identification of Stakeholders

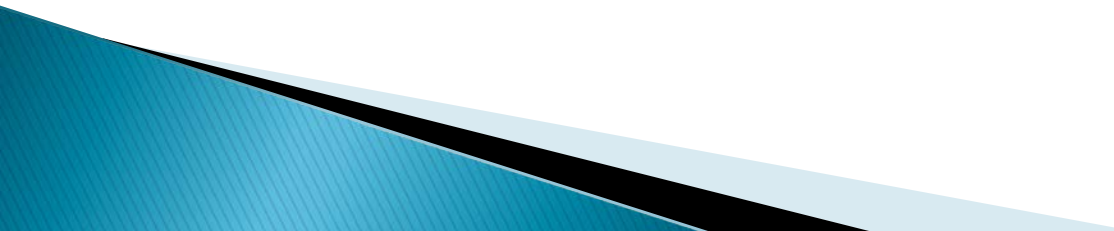


**Chop Bar Owner,
Madam Christiana
Nartey**

**VENDOR USING
TRADITIONAL OVEN TO
SMOKE FISH**

Integrated Development Project

Problem Analysis /Project Formulation

- ▶ Using firewood to smoke fish and meat
 - ▶ Cutting and Blending of Vegetables
 - ▶ Grating onions
 - ▶ Pounding Fufu
 - ▶ Cooking Banku, Konkonte, rice balls
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Problem Analysis /Project Formulation



Use of firewood for smoking meat and fish



Use of metabolic energy for preparation of banku

Problem Analysis / Project Formulation

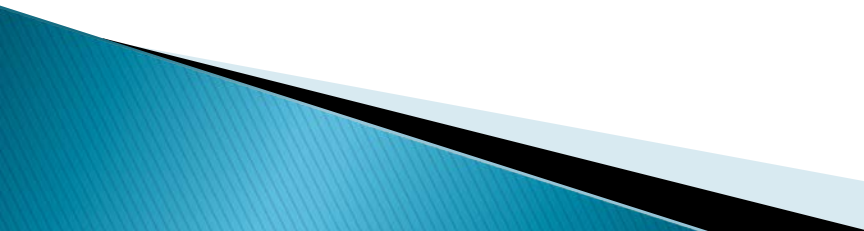


Exerting metabolic energy in
pounding fufu



Exerting metabolic energy in
turning fufu

Problem Analysis /Project Formulation

- ▶ Enhance efficiency
 - ▶ Reduces time of food preparation
 - ▶ Reduces stress and health hazards
 - ▶ Increases productivity
 - ▶ Reduces food wastes
 - ▶ The energy sources are mostly controlled by the women
 - ▶ Gas operated oven for roasting the meat and fish
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Problem Analysis / Project Formulation



Gas stove to help improve energy efficiency. Needs an extra stove.



Gas oven to improve quality of fish. Needs bigger oven.

Identification of Assumptions and External Factors

Who is involved in Maintenance, repairs and training

- ▶ The owner and technicians

Is capacity building necessary?

- ▶ Yes, for the entire staff

Governance Structure

- ▶ The woman children and staff

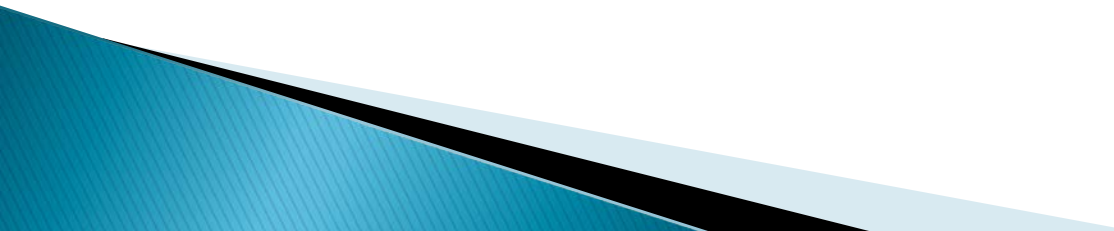
Awareness of Gender issues

- ▶ Yes

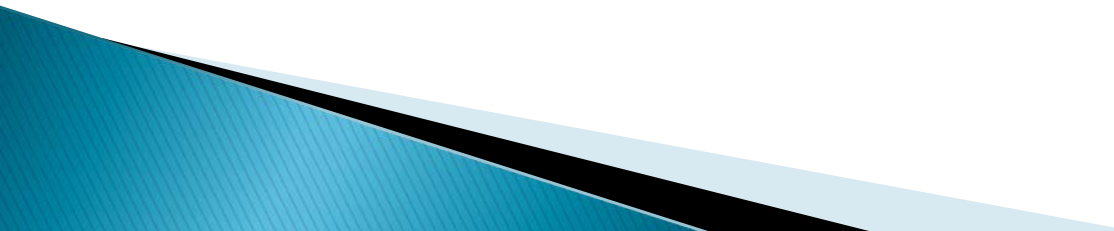
Opportunities

- ▶ Exposed to long term credit facilities, support from Gender and Energy network, Ghana, local agencies and ANOMENA Ventures

Summing Up

1. **Appropriate Gender Indicator.**
 2. **Effects of energy technologies on quality of life**
 3. **Improve working environment to enhance health**
 4. **Reduce operational time to improve family interaction and socialization**
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CONCLUSION

- ▶ Observation made raises concern on women's health and the risk they go through in undertaking income generating activities where energy provision and use plays a major role. There was the need to introduce improved energy technologies that address the risk and health needs of women in the fish processing industry as well as mitigate climate change.
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THANK YOU

