



PRESENTATION BY ASSOCIATION OF GHANA INDUSTRIES (AGI)
Switch Africa Green Regional meeting

**ADVOCATING POLICIES THAT ADVANCE THE GROWTH AND
DEVELOPMENT OF GREEN INDUSTRIES**

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About AGI

▪ Objectives

- Established in 1958
- AGI's objectives are to contribute substantially to the growth and development of industries in Ghana and to help create a conducive business environment which will allow Ghanaian companies to be internationally competitive

▪ Membership

- Membership is opened to all companies engaged in manufacturing or provision of services for the manufacturing sector. Not for profit business organisations can become associate members.
- AGI has over 1500 registered members. About 80% of the membership are micro, small and medium scale enterprises in nature with 20% being relatively larger industries.

Diversity of AGI sectors

- Advertising
- Agri-Business
- Automotive & Transport Services
- Chemicals
- Energy
- Food
- Beverages
- Financial Services
- Garments, Textile & Leather
- Hospitalities & Industry
- Information & Communication Technology
- Metals Sector
- Building & Construction Products
- Oil and Gas Services
- Business Promotion & Consultancy services
- Pharmaceuticals
- Printing, Stationery & Packaging
- Rubber & Plastics
- Toiletries & Cosmetics
- Wood Processing
- Associates

AGI in Ghana



Key services

- **Advocacy**

For lower cost of doing business & and improved business climate to enhance competitiveness

- **Business Development Services**

Business development support services for our SMEs such as business plans preparation, business advisory services etc.

- **Business Networking**

Creating the platform for businesses to interact and exchange business ideas

Key areas intervention by AGI in Value Addition and green business

❖ Advocacy

- ❖ Representation on boards of Institutions to Advocate eg. EPA Board, Ministry of Trade, Ghana Standards Authority etc.
- ❖ Make input into National budget statement and influence policy regarding taxes, exemptions, etc. for businesses.
- ❖ Involved in development of policies and laws regarding green and sustainable manufacturing
- ❖ Represent industry on engagement on International Agreements-EPA, ECOWAS, AfCFTA etc.

Key areas intervention by AGI in Value Addition and green business

- ❖ Business Development Services
 - ❖ Organises trade exhibitions to showcase products produced by green manufacturers
 - ❖ Information dissemination on green manufacturing among the business community; technology, new products, new markets, new expertise
 - ❖ Linkage with financing sources
 - ❖ Promoting partnerships between and among businesses in Ghana, as well as businesses abroad

Key areas intervention by AGI in Value Addition and green business

- ❖ Business Development Services
 - ❖ Capacity building programmes-Training in environmental issues, cleaner production methodologies, quality and green packaging, productivity improvement, factors of competitiveness
 - ❖ Helping to implement appropriate green business technologies

ENERGY RESOURCES

Ghana is relatively well endowed with a variety of energy resources:

- Biomass,
- Wind,
- Hydropower,
- Solar and
- Hydrocarbons.



- Electricity Access (2019) ≈ **85%**
- Electricity Installed capacity (2019) **4,819MW**
- Electricity Installed capacity including embedded capacities (2019) **5,012.5MW**
- Current Peak Demand (2019) **2,781 MW**
- Electricity generation (est. 2018) **16,210 GWh**

- RE in generation mix (incl. large hydro) is **1,647MW (≈ 34%)**
- Modern RE in generation mix is ≈ **1.44%**
- mRE Installed capacity (2018) ≈ **63.81 MW**
 - Large scale solar PV plants - 42.5 MW (0.96%)
 - Small-scale solar/wind systems ≈ 20.0 MW (0.45%)
(incl. stand-alone & grid-tied)
 - Biogas (W2E) - 0.01MW (0.00%)
 - Biomass CHP ≈ 1.3 MW (0.03%)

Renewable Energy Policy Target:

- 10% renewable energy penetration target by 2030;
- Universal electricity access by 2025; and
- For Clean Cooking, 50% of households using LPG as their primary cooking fuel by 2030



- **Policy Goal**

- To increase the contribution of renewable energy in the overall national energy supply mix.

- **Policy Objectives**

- To establish a sustainable, efficient and affordable woodfuel value chain.
- To develop and improve capacity for efficient biomass conversion technologies and end-use devices.

Introduction of Biomass Cookstoves for Agro-Processors in Ghana

- Support from Switch Africa Green Project
- 2 year project
- Constructed improved cookstoves for
 - Gari Processing
 - Fish smoking
 - Pito Brewing
- Three different geographical regions in Ghana-Volta, Central and Northern regions

Gari processing stoves



Fish smoking stoves



Pito Brewing stoves



Achievements made

AGI Grantee	Project title		Achievements
Association of Ghana Industries (AGI)	Improved Institutional Biomass Cookstoves and ovens for small and medium scale Agro-processing Industries in Ghana (Renewal Energy Project)	Outcome 1: To Improved income and health of the processors and biomass use efficiency, reduced carbon emission.	Fuelwood usage savings 36.5% Processing time 42.3% Smoke reduction 43.2% Women benefited <ol style="list-style-type: none"> 1. Nandom 153 2. Adaklu 100 3. Narkwa 30
		Output 60 Improved institutional biomass cook stoves in the Agro industries namely Gari, Fish and pito installed.	54 Improved cook stoves Installed

- GIZ support programme for 3 years
- Promote renewable energy usage by large consumers
- Provides advisory services for companies using renewable energy
- Database of renewable energy solution providers
- Linking enterprises to financing sources for acquisition of renewable energy technologies
- Advocacy on renewable energy in Ghana

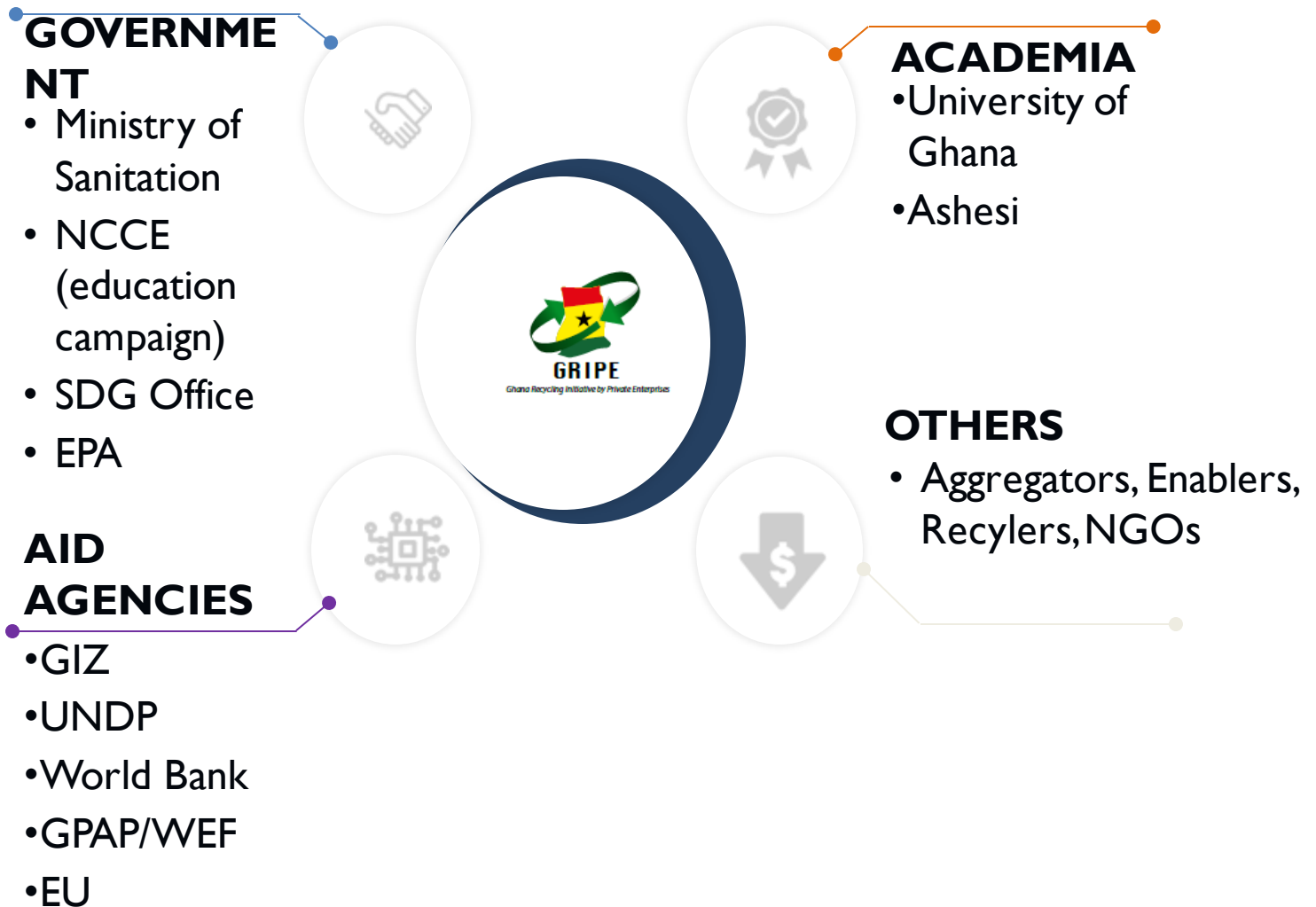
Ghana Recycling Initiative by Private Enterprises

- Plastic Recycling programme
- Set up by AGI with Eight big FMCG manufacturing companies
 - Coca cola, Guinness, PZ Cussons, Dow Chemicals, Unilever, Fan Milk, Voltic, Nestle
- Response to threats to ban the use of plastics for packaging purposes

AGI GRIPE

- Funding support from the companies
- Registered and coordinated by AGI
- Coordinate Recycling activities of companies
- Improve collection and recycling of PET bottles
- Facilitate the establishment of PET bottles recycling plant
- Promote 2nd use of plastics-Chairs, tables, blocks for building, roads, etc.
- Public campaign on plastic waste disposal
- Advocacy and policy development of plastics in Ghana

AGI GRIPE Deep dive – Partnerships



Key challenges in Green Manufacturing

- Lack of appreciation by consumers of green products
- Poor marketing of green products
- Lack of green funding
- No special industrial zones
- Technological challenges
- Poor regulatory environment
- Poor enforcement of regulations
- Seemingly high cost of production
- High cost of credit, electricity etc.
- Competition from imports/counterfeit products

AGI ADVOCACY CHANNELS

- REGULAR INPUT INTO NATIONAL BUDGET STATEMENT
- REGULAR INPUT INTO VARIOUS GOVERNMENT POLICIES
- REPRESENTATION ON BOARDS OF INSTITUTIONS OF GOVERNMENT
 - Eg. Boards of Ministries-Finance, Trade, Foreign Affairs, all 10 Technical universities, COVTET
- RESEARCH ON ADVOCACY ISSUES
 - AGI Quarterly Business Barometer
 - Sector Studies
- WRITING POSITION PAPERS ON ISSUES OF BUSINESS AND INDUSTRY INTEREST
- INTERVENTION ON INDIVIDUAL BUSINESS ISSUES
- ADVOCATING THROUGH COALITIONS –Eg. Sister Business Associations, NGOs
- ORGANISIGN SEMINARS, WORKSHOPS, POLICY DIALOGUE etc.

AGI ADVOCACY ON GREEN BUSINESS

- Established Ghana Business Code
 - A code of business practices that ensures that businesses respect the environment, operate in harmony with the community, respect human dignity etc. These were 12 principles in line with the UN Global compact and members were required to sign on to the code.
- Promoting Sustainable Manufacturing
 - Programme to encourage member manufacturing companies to support community development where they operate from, ensure sourcing of material in a sustainable manner, effective waste disposal systems, use of renewable energy, encouraging tree planting etc.

AGI ADVOCACY ON GREEN BUSINESS

- AGI just established an Energy Service Centre whose main objective is to promote Renewable energy and energy efficiency among large manufacturing companies and other businesses in Ghana.
 - The Programme is supported by GIZ for the next 2 years and AGI is expected to upscale after this phase
 - The programme will also link the companies to financing sources to enable them obtain the needed funding to introduce renewable energy into their operations.

CRITICAL MEASURES TO PROMOTE GREEN BUSINESS

- Promote policies and Laws that support green Business
- Ensure that these laws and policies are effectively enforced
- Use government procurement system to encourage companies doing green business
- Institute Award and recognition system to encourage companies doing green business.
- Work with development partners to promote green business

- Support MMDAs to establish land banks for woodlot.
- Collaborate with the MLNR/Forestry commission to make seedlings widely accessible and affordable for woodlot cultivation.
- Enact legislation to enforce standards on biomass cook stoves.
- Promote innovative financing schemes to support consumer purchase.
- Provide incentives for the local manufacture and assembly of advanced biomass cook stoves and fuels.
- Provide incentives to the private sector for the development and production of more efficient cook stoves and fuels.
- Allocate adequate resources to support the development and use of biomass fuels and end-use devices.
- Develop standards and enact regulations for biomass conversion technologies.
- Promote agroforestry practices.
- Provide incentives to attract private sector investment.

Strategies



- Promote the sustainable cultivation and utilization of woodfuel resources.
- Promote sustainable tree harvesting methods.
- Provide incentives to attract private sector investment.
- Promote the cultivation of fast growing and multipurpose tree species and Promote the use of agricultural and wood wastes.
- Establishing sustainable, cost effective and marketable woodfuel production methods.
- Promote the development and use of clean biomass cook stoves.
- Promote the development and use of efficient and clean biomass conversion technologies.
- Increase public awareness on the benefits of efficient biomass cook stoves and alternative fuels.
- Train entrepreneurs in stove design, production and marketing.

- Integrating the Bioenergy Policy into the revised National Energy Policy.
- Developing Woodfuel Regulations.
- Promoting the cultivation of fast growing and multipurpose tree species for Senior High Schools and communities in collaboration with FC
- Providing incentives to attract private sector investment in woodlots and woodfuel production.
- Developing a National Clean Cooking Strategy with support from the World Bank.
- Promoting the use of agricultural and wood wastes for producing cleaner fuels.
- Promoting the development and use of clean and improved biomass cookstoves. GOG through Ministry of Energy to distribute 500,000 improved cookstoves this year.
- Increase public awareness on the benefits of efficient biomass cook stoves and alternative fuels.
- Training of entrepreneurs in stove design, production and marketing.

Way forward

- In promoting markets for Green manufactured products
 - Good appreciation by government, hence government procurement giving priority to green products
 - Subcontracting opportunities for SMEs producing green manufacturing products by big companies
 - Special awards for green manufactures and products
 - Effective marketing of green products
 - Tax incentives for green manufacturers
 - Strict enforcement of regulations on good manufacturing practices
 - Introduce Green fund for manufacturers

CONCLUSION

- Ghana is committed to the development of bioenergy.
 - The review of the Energy Policy to mainstream bioenergy
 - As a means to achieve its NDC's
- The woodfuel sector is currently highly informal and efforts are being made to formalise it.
- There is therefore the need for renewed efforts to underline the social, economic and ecological importance of bioenergy in order to draw more attention from decision making bodies.
- AGI is happy to partner prospective investors in Ghana ambitious clean energy transition.

CONCLUSION

- The introduction of improved cookstoves through the Switch Africa green project has helped to reduce the workload, environmental problem and improve livelihood of the women in those project areas.



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THANK YOU

ADVOCATING POLICIES THAT ADVANCE THE GROWTH AND DEVELOPMENT OF GREEN INDUSTRIES



Local Partners





Contracting Authority
 Delegation of the European Commission to
 Ghana



**THANK YOU
 FOR YOUR ATTENTION
 AND NOW
 QUESTIONS & ANSWERS**

