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SWITCH AFRICA GREEN

CASE STUDY # 2

STORIES FROM BENEFICIARIES

AFTER THE GEMOD PROJECT

BIO-DATA

Project Title:	Ghana E-waste Model
Grantee:	Environmental Protection Agency
Enterprise (MSME):	Green Advocacy
Year Established:	2014
No. of Employees:	9
Sector:	E-Waste
Type of Business:	Cable purchasing and wire stripping
Location:	Agbogbloshie Scrap Yard, Accra

PROJECT BACKGROUND

The overall objective of the GEMOD model is to develop a sustainable National e-waste management system which makes e-waste and/or components re-usable to minimize environmental pollution. GEMOD was to establish a structured approach to e-waste management via education/awareness creation on collection, refurbishment/dismantling,

sorting of recovered components for recycling/upcycling, safe disposal of hazardous components and export of recyclables (and hazardous components) in order to provide a solution to the negative tag of unsustainable e-waste management in Ghana.

ISSUES ADDRESSED

COMPANY PROFILE:

Green Advocacy Ghana (GreenAd) is an organization that aims at upholding and enhancing the sustainability and integrity of Ghana's environment through:

Partnership in research and data collation on the state of the environment

Capacity building and dissemination of environmental information

Attitudinal nurture to reflect positive environmental understanding

Application of environmental knowledge to engender sustainable lifestyles and communities

Promotion of and motivation for enforcement of laws and regulations

- ✓ Open burning of cables to recover metals
- ✓ Market demand for the PVC which is the by-product of the stripping process
- ✓ Waste management (disposal of PVC)

PROJECT IMPACT

Environmental Impact

With the stripping and purchasing of cables, there is a reduction in burning as a means of metal recovery which pollutes the soil and air with heavy metals.

Solution to PVC disposal through matching with a company that uses PVC as raw-material for water hose production

Economic Impact

The scrap dealers who are our customers have their income increased in the following ways.

- ✓ By stripping the weight of the metal is maintained and dealers pay premium for stripped cables than burnt ones.
- ✓ Extra income from selling PVC waste to another company.
- ✓ Increased business volume
- ✓ Reduced cost of metal recovery for scrap dealers

Social Impact

- ✓ Since the inception of the Pilot Project at Agbogbloshie to reduce burning as means of metal recovery the air quality of the area has improved because of the reduction in burning and the value of Copper and Aluminum extracted were enhanced.
- ✓ Reduced exposure to air pollution
- ✓ Improved income

PHOTOS







ADDITIONAL INFORMATION

NA

CONTACTS

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SUPPORTING PARTNERS



IMPLEMENTING ORGANIZATIONS

www.ncpcgh.org

GHANA NATIONAL CLEANER PRODUCTION CENTRE

