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.
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

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

ISSUES ADDRESSED
- 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)
ADDITIONAL INFORMATION
NA

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IMPLEMENTING ORGANIZATIONS

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GHANA NATIONAL CLEANER PRODUCTION CENTRE