

NWO

Utilization of organic waste to improve agricultural productivity in the GA West municipality, greater Accra, Ghana

From output to Outcome






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Food and Business Applied Research Fund
Utilization Of Organic Waste To Improve Agricultural Productivity In The Ga West Municipality, Greater Accra, Ghana

TEAM

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GOAL

- To improve food security and livelihoods via improved agricultural and sustainable waste management in the GWA.

STRATEGY

- Engage youth into organic waste collection and compost production
- Develop business models to support compost utilization.
- Train farmers on how to improve soil conservation.

EXPECTED IMPACT:

- improved waste management in local markets and farms
- improved youth employment in organic waste collection and compost production.
- increased agricultural productivity
- improved quality of life and well-being.

CHALLENGES

- Limited number of youth groups within the community
- limited number of vocational training centers.

IMPACT ACTIVITIES & RESULTS

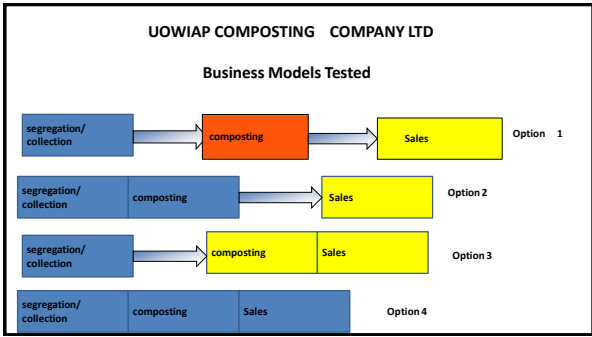
- Project launch and key stakeholders mobilized
- Baseline situational assessment completed
- Experimentation of market traders in organic waste segregation
- Experimentation of organic waste segregation and collection by mobilized youth
- Develop production and business training modules and train youth and farmers for compost production.
- Winning of public interest for project sustainability (use of radio, role plays, posters etc.)








Main Outputs - Outcome	
<p>Research outputs</p> <p>Knowledge on effective soil management & conservation practices gained by Ga West farmers</p> <p>Verification of soil conservation technology and composting uses on degraded and existing farm lands</p> <p>Comprehensive understanding of productive uses of compost, including organic waste uses for (added) income</p> <p>Increased production of and market for organic foods; widespread sustainable soil practices and awareness of buying organic</p> <p>Implementation of waste segregation and waste collection and processing in selected markets and farms</p>	<p>Research outcomes</p> <p>Uptake of new soil conservation techniques by farmers</p> <p>Widespread adoption and support amongst farmer groups and agricultural extension officer training</p> <p>Viable, youth-led compost system of waste collection and outreach; recruit, employ, and train youth; community education on waste separation and uses</p> <p>Increase in yield and organic products to market; municipal-level initiatives promoting organic produce and production; boost in demand and vendors offering organic foods</p> <p>Widespread promotion and adoption of waste separation from source, and recycling</p>



Challenges Reaching the Outcome

<p>Change of Usage of Agriculture land in project area : Due to development, most agriculture land is now being use of residential and/or business centres</p>	<p>Organisational constrains of Extension workers making it difficult for the dissemination to final beneficiaries</p>	<p>Traditional way of dissemination therefore not effective</p>
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1. Documenting Case Studies, infographics and abstract narratives for easing dissemination of key learnings
2. Organising learning events for other stakeholders / other locations
3. Establishing an Inclusive Agribusiness Centre with support from African Agribusiness Incubators Network



Thank You