



World
Inspiring
Network



Youth-Led Community-Based

INSECT

Farm Initiative

(A Green Action Project)

**PREPARED BY:
WORLD INSPIRING NETWORK**

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PART B - BRIEF DETAILS ABOUT APPLICANT ORGANISATION

About World Inspiring Network:

World Inspiring Network is a grassroots nonprofit organization based in Ghana, empowering young people in underserved communities across the country.

We provide education, youth empowerment, and climate action initiatives to empower young people with the knowledge, skills, and opportunities necessary to access quality education, drive sustainable change, and break the cycle of poverty.

With the support of a global network of volunteers, we strive to foster personal and community development while addressing the challenges of climate change. Our work aligns with the United Nations' Sustainable Development Goals (SDGs), specifically SDG1, 4, 5, 8, and SDG13.

Founded in 2016, World Inspiring Network has experienced significant growth, driven by our commitment to our mission and the collaborative efforts of our volunteers, donors and partners.



Our Mission:

Our mission is to end poverty through education, youth empowerment, and climate action.



Our Vision:

To see a world where all individuals are given the skills and necessary support to contribute to and develop their communities.

What We Do:

01

Education:

World Inspiring Network bridges the educational gap by providing essential resources to young people, training teachers to enhance instructional quality, and sensitizing communities to promote a culture of learning. We also prioritize digital literacy, empowering youth with the skills to navigate the digital world, access information, and unlock opportunities for a brighter future, laying a strong foundation for future growth and development.

02

Youth Empowerment:

Building on our educational initiatives, World Inspiring Network empowers young people to become catalysts for change by providing vocational training, mentorship, and entrepreneurship support.

Equipped with knowledge, skills, and resources, these youth drive economic growth, reduce unemployment, and foster sustainable development, securing decent employment, driving innovation, and stimulating local economic growth.

03

Climate Action:

World Inspiring Network educates, empowers, and equips young people to adapt to climate change through climate-smart regenerative agriculture practices, promoting environmental stewardship and resilience. We provide training, resources, and workshops to help young leaders establish sustainable businesses, adapt to climate challenges, and build resilient communities, ensuring a sustainable future for all.

Our Team:



Maxwell Odonkor
(EXECUTIVE DIRECTOR)



**Thelma Narooq
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(EXECUTIVE ASSISTANT)



Oliver Werb
(FUNDRAISING OFFICER)



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Alimatuo Nyass
(ADMINISTRATIVE OFFICER)



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(PROJECTS OFFICER)



Ebenezer Nyame
(FINANCE OFFICER)



Forson Odonkor
(MEDIA ASSOCIATE)

PART C - PROJECT DESCRIPTION

Executive Summary

This proposal seeks funding support for a six-month pilot initiative to establish a youth-led, community-based Palm Weevil larvae farm in Kwamoso, Eastern Region, Ghana. This circular economy project, led by World Inspiring Network under the Green Action Project, aims to empower local youth through sustainable agri-tech solutions that address food insecurity, youth unemployment, and environmental sustainability.

Palm Weevil larvae (*Rhynchophorus Phoenicis*) are a highly nutritious, protein-rich food source with growing demand across West Africa. The project will train selected youth in rearing, harvesting, and processing Palm Weevil larvae, producing both edible larvae and frass (organic compost). The larvae will be processed into animal feed products targeted at poultry and fish farmers. The pilot will serve as a demonstration model for scale-up in other communities and promote sustainable smart agriculture.



Project Objectives

The main objective of this project is to establish a youth-led, community-based Palm Weevil larvae farming model that promotes sustainable agriculture, circular business, youth employment, and local economic development in Kwamoso.

The specific objectives are:

1

Establish a low-cost Palm Weevil larvae demonstration farm in Kwamoso.

4

Generate organic fertilizer (frass) to support local farmers.

2

Train up to 10-15 youth in insect farming, processing, packaging, and entrepreneurship.

5

Demonstrate commercial potential for long-term sustainability and investment.

3

Produce marketable quantities of Palm Weevil larvae for animal feed production.

6

Replicate this model in other nearby communities

Project Justification

Ghana faces persistent challenges with youth unemployment and food insecurity. Palm Weevil farming offers:

- A culturally accepted and nutritionally dense protein alternative.
- An income-generating opportunity requiring minimal resources.
- A method to recycle agricultural by-products thereby promoting circular business models.
- A sustainable smart agriculture model adaptable for rural and peri-urban areas.
- A source of high-protein animal feed for poultry and aquaculture.

Project Components

A. Farm Setup:

- Construction of a semi-enclosed palm-weevil-friendly rearing structure (~60m²)
- Procurement of breeding trays, egg-laying substrates (palm trunks), and harvesting tools

B. Training Program:

- Selection of youth participants within the community
- Regular training on weevil life-cycle, rearing methods, food hygiene, and business skills

C. Farming and Production:

- Controlled breeding and rearing of Palm Weevil larvae
- Continuous processing (cleaning, drying, grinding)
- Packing of high-protein insect-based feed for poultry and fish farms
- Packing of frass to local farmers as organic compost

D. Monitoring & Evaluation:

- Monthly monitoring of operational processes, budget and profitability
- Documentation of all project stages

Expected Outcomes

The project is designed to deliver measurable social, economic, and environmental benefits within the six-month pilot phase.

The following table outlines the key performance indicators and expected targets for the pilot.

10–15 Youth
trained

¢1k –
¢2k Monthly
Sales
(avg.)

20 –
50kg Monthly
Larvae
Output

50 –
80kg Monthly
Compost
Output

100% Distribute insect-
based animal feed to
100% of poultry and
aquaculture farms
within the Kwamoso
community.

10+ Partner
Farmers
using Frass

Implementation Plan

Phase One	Planning & Mobilization	May 2025	Documentation, and Community Engagement
Phase Two	Training & Setup	June 2025	Farm construction, training, material prep
Phase Three	Pilot Production Cycle 1	July 2025	Breeding, harvesting, packaging, testing
Phase Four	Pilot Production Cycle 2	Aug. 2025	Scale-up production, expand compost use
Phase Five	Evaluation & Reporting	Ongoing	Data analysis, reporting, stakeholder meeting
Phase Six	Presentation of Outcome	Oct. 2025	Presentation of the outcome at the Green Action Summit.

Sustainability & Scale-Up

- 20% of larvae will be retained to maintain a continuous breeding cycle
- Youth participants will co-manage operations and take increasing accountability.
- Frass and animal feed sales will provide recurring income
- After 6 months, the model can expand by rotating project participants, as well as scaling up into nearby communities with similar setups
- Long-term vision includes developing Kwamoso into a hub for sustainable smart agriculture innovation.

Your Support Transforms Lives: Donate Today!

Every contribution, no matter the size, fuels our mission to empower youth, boost food security, and champion environmental sustainability in Ghana. Your donation directly builds a brighter future for the Kwamoso community.

Conclusion

The proposed Youth-Led Palm Weevil Farming Pilot is a practical, high-impact, scalable, and circular economy project that aligns with national goals on youth employment, food security, and environmental sustainability.

With your support, this initiative will position Kwamoso as a national example of sustainable smart agriculture and youth-led innovation, while also supplying animal feed to poultry and aquaculture farmers.

Notes

Date



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Thank you!

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