

AGRICULTURAL INITIATIVE EMPOWERMENT TRAINING AND WORKSHOP

CATER AND MERGER CONSULT LTD

In Collaboration With

BRAIN RE-ENGINEERING FACTORY

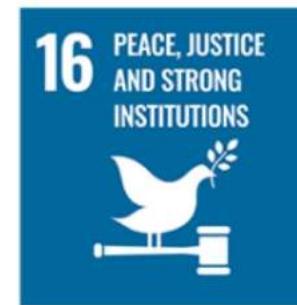
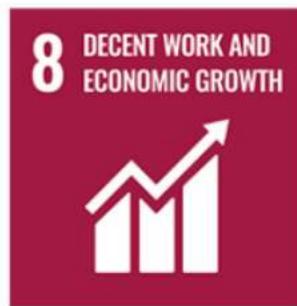
Proposal

To

NIGER STATE GOVERNMENT (MINISTRY OF AGRICULTURE)

**YOUTH AND WOMEN EMPOWERMENT PROGRAM IN AGRICULTURE
(Revamping Fish, Cassava and Rice Farming in Nigeria through Youth and
Women Entrepreneurship)**

SUSTAINABLE DEVELOPMENT GOALS



Project Introduction

Purpose and scope

In a rapidly evolving world, where technological advancements often take center stage, it is crucial not to overlook the significance of traditional and sustainable agricultural practices. Agriculture remains the backbone of many economies and a vital source of livelihood for communities around the globe. As we embrace the future, we must ensure that our youth and women are equipped with the skills and knowledge needed to sustainably cultivate the land and its resources.

We are excited to present a transformative initiative: the Agricultural Youth and Women Empowerment Program. This program seeks to bridge the gap between generations and cultivate a new wave of young agricultural entrepreneurs who will harness the potential of fish farming, rice cultivation, and cassava production. By fostering a deep connection to the land and promoting innovative techniques, we aim to empower the youth and women to not only feed their communities but also contribute to the broader agricultural landscape.

With the world's population on a continuous rise, the demand for food is ever increasing. In order to meet these demands while ensuring environmental conservation, it is imperative that we diversify our agricultural practices. Fish farming, rice cultivation, and cassava production offer distinct opportunities for sustainable growth due to their adaptability to varying ecosystems and ability to provide essential nutrients. By immersing the youth and women in these practices, we are laying the foundation for a resilient and food-secure future.

However, the knowledge and skills required for successful and sustainable farming are not inherited automatically. They must be imparted through purposeful education and hands-on experience. Our program's core objective is to provide comprehensive training in fish farming, rice cultivation, and cassava production, empowering the youth and women with both theoretical understanding and practical skills. Through expert-led programs, interactive field experiences, and mentorship, participants will gain insights into crop

management, water resource utilization, market dynamics, and the integration of modern technologies into traditional methods.

This program is not just about cultivating crops; it is about nurturing a sense of responsibility, entrepreneurship, and community engagement. We believe that when the youth and women are empowered with the ability to create sustainable agricultural systems, they are not only securing their own future but also contributing to the prosperity of their communities.

In the following proposal, we will delve deeper into the intricacies of the Agricultural Youth and Women Empowerment Program, outlining its objectives, methodologies, expected outcomes, and potential impact. By harnessing the power of knowledge transfer and practical application, we are confident that this program will serve as a catalyst for positive change, leading our youth towards a future where agriculture thrives, sustains, and uplifts.

The Plan

We plan to train from a minimum range of 150 – 200 youth and women in a 3-day intensive, practical hands-on training workshop in a location in Niger state to be advised by the commissioner, Ministry of Agriculture, Niger State. Prior to commencement of the training, an online form will be shared to interested participants for them to register in order to get their details, and area of interest for the training. We hope to segment this training program into various segments based on participants' area of interest, in order to achieve a more tailored learning experience. At the end of the training, will empower all successful participants with initial produce (rice paddies, fish fingerlings, fish boosters, plastic/tarpaulin ponds, improved specie of cassava stem) and fertilizers to start their agribusiness, also we would be giving out cash grants, which will also aid as start-up capital for the successful commencement of their agribusiness.

We at Cater and Merger are eager to see the youth and women succeed, thrive and harness their innate potential for maximum productivity to themselves, the society and nation at large.

Program Overview

The Agricultural Youth and Women Empowerment Program is a comprehensive and transformative initiative that aims to equip youth and women with the knowledge, skills, and mindset needed to excel in the fields of fish farming, rice cultivation, and cassava production. By addressing the critical need for sustainable agricultural practices and empowering the next generation of farmers and agripreneurs, the program is poised to create lasting impact on individuals, communities, and the broader agricultural landscape.



Program Objectives

The Agricultural Youth and Women Empowerment Program has been meticulously designed to achieve the following objectives:

- 1. Skill Enhancement:** Equip young participants with practical skills and knowledge in fish farming, rice cultivation, and cassava production, enabling them to become proficient farmers capable of implementing sustainable agricultural practices.
- 2. Entrepreneurial Spirit:** Foster an entrepreneurial mindset among the youth, empowering them to establish their own agribusinesses and contribute to local economies.
- 3. Environmental Stewardship:** Promote sustainable farming techniques that minimize environmental impact, ensuring the long-term health of ecosystems and the preservation of natural resources.
- 4. Community Engagement:** Encourage youth and women to actively engage with their communities, share their newfound expertise, and play a role in enhancing local food security.
- 5. Innovation Integration:** Introduce participants to innovative technologies and methodologies that can enhance traditional farming practices, improving productivity and efficiency.

Project Components

1. Training and Capacity Building

Conduct workshops, seminars, and practical training sessions for aspiring agripreneurs. Cover topics like crop management, aquaculture techniques, post-harvest handling, and business skills.

2. Demonstration Farms

Establish model farms where youth can learn by doing.

Showcase best practices in fish, cassava, and rice cultivation.

Demonstrate sustainable pest control, soil fertility management, and irrigation methods.

3. Access to Inputs and Technology

Provide subsidized inputs (seeds, fertilizers, and fish fingerlings).

Introduce modern technology, including mobile apps for pest monitoring and weather forecasting.

4. Market Linkages

Create platforms for youth farmers to connect with buyers, processors, and exporters.

Organize agribusiness fairs, trade shows, and networking events.

5. Financial Support

Facilitate access to credit and grants for startup capital.

Encourage youth-led cooperatives and savings groups.



Target Audience

Youth and Women aged 18 and above with an interest in agriculture, including those with limited farming experience and those looking to start their agribusiness ventures.



BUDGET

The budget plan intended for this proposal will be discussed later on.



Program Content Outline

Module 1:

Introduction to Sustainable Agriculture

The importance of sustainable agriculture

Overview of fish farming, rice cultivation, and cassava production

Environmental impact and conservation in agriculture

Module 2:

Fundamentals of Fish Farming

Aquaculture basics and principles

Types of fish suitable for farming

Pond preparation and management

Feeding, health, and disease management

Practical hands-on fish farming exercises

Module 3:

Mastering Rice Cultivation

Rice varieties and selection

Land preparation and water management

Pest and weed control

Harvesting and post-harvest handling



Module 4:

Excelling in Cassava Production

Cassava varieties and cultivation techniques

Soil preparation and planting

Pest and disease management

Harvesting, processing, and value addition

Visiting thriving cassava fields

Module 5:

Sustainable Practices and Technology Integration

Conservation agriculture & Efficient use of water resources

Introduction to precision agriculture

Data-driven decision-making in farming

Hands-on experience with modern farming tools

Module 6:

Agribusiness Development

Creating a viable agribusiness plan

Market research and analysis

Branding and marketing strategies

Value chain understanding

Financial management for agribusiness

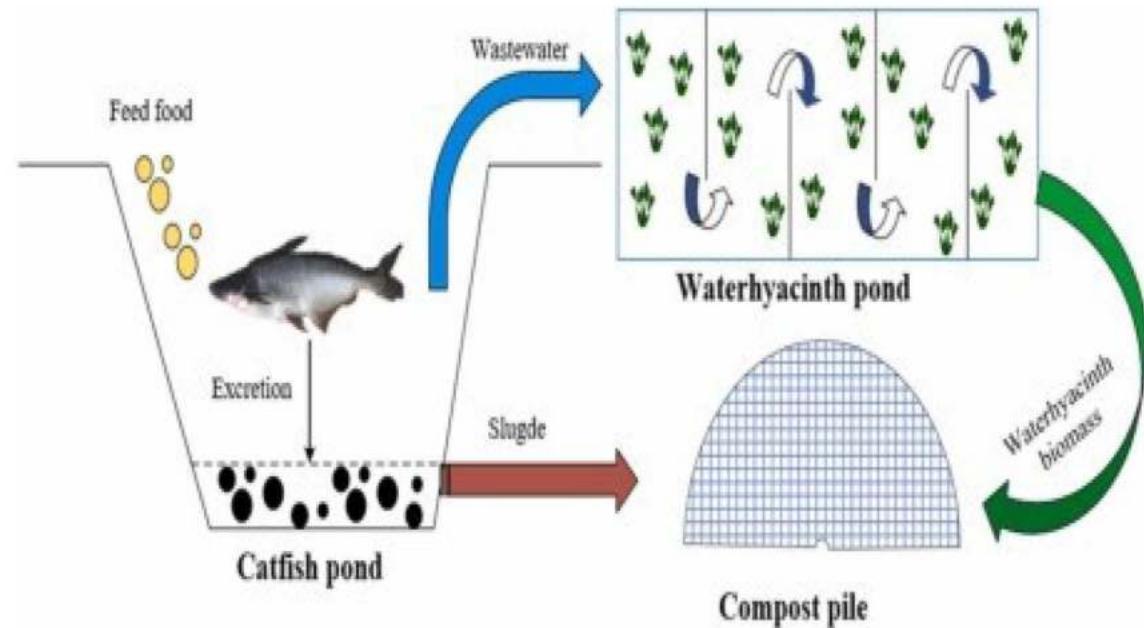


The content outline for the Agricultural Youth and Women Empowerment Program encompasses a diverse range of topics, from foundational agricultural principles to practical hands-on experiences, agribusiness development, and community engagement. The modules are designed to provide a comprehensive and well-rounded education that prepares youth for successful and sustainable careers in fish farming, rice cultivation, and cassava production while fostering a deep sense of responsibility towards the environment and their communities techniques.

We believe that the world of politics and business are intricately linked and as such we have served as a base for interlinks across corporate and civic power house in the continents through our annual London Political Summit organised every year and the Trade and Investment Mission attracting key political leaders, business leaders, ambassadors and civil society leaders from various national governments and multinational corporations from within and out the United Kingdom. Through our various forums and activities, we have been able to achieve great success in understanding trading and investment potentials, political discourse on democratic peace, and developmental strategies. We hope to achieve more, working in collaboration with our partners and faculty members, in facilitating strategic engagements and human capacity development for effective leadership and good governance

CATFISH

FARMING



SEE LINK:

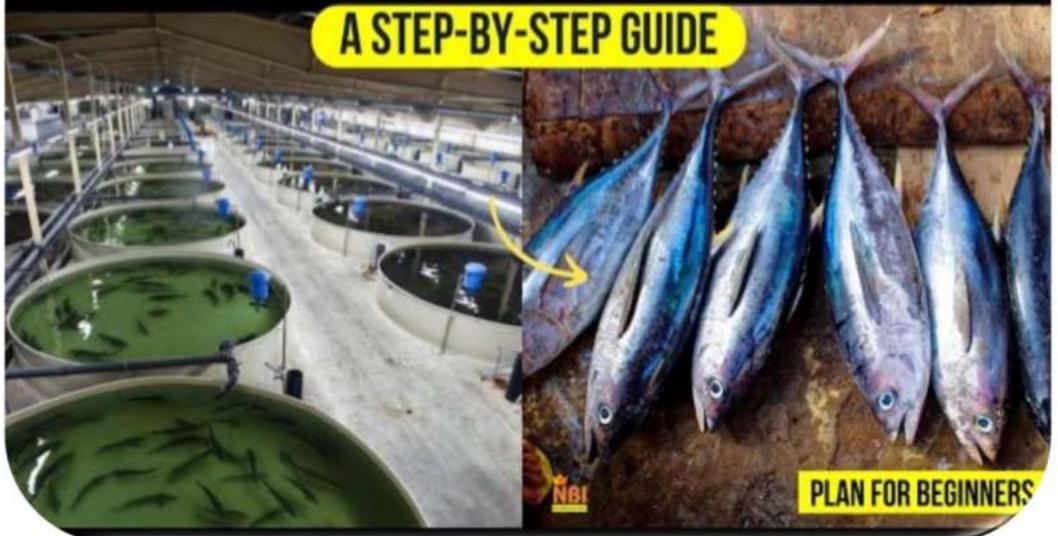
https://www.youtube.com/watch?v=mGrfpvy_O_k

HOW TO START
TILAPIA FARMING
IN AN EASY WAY



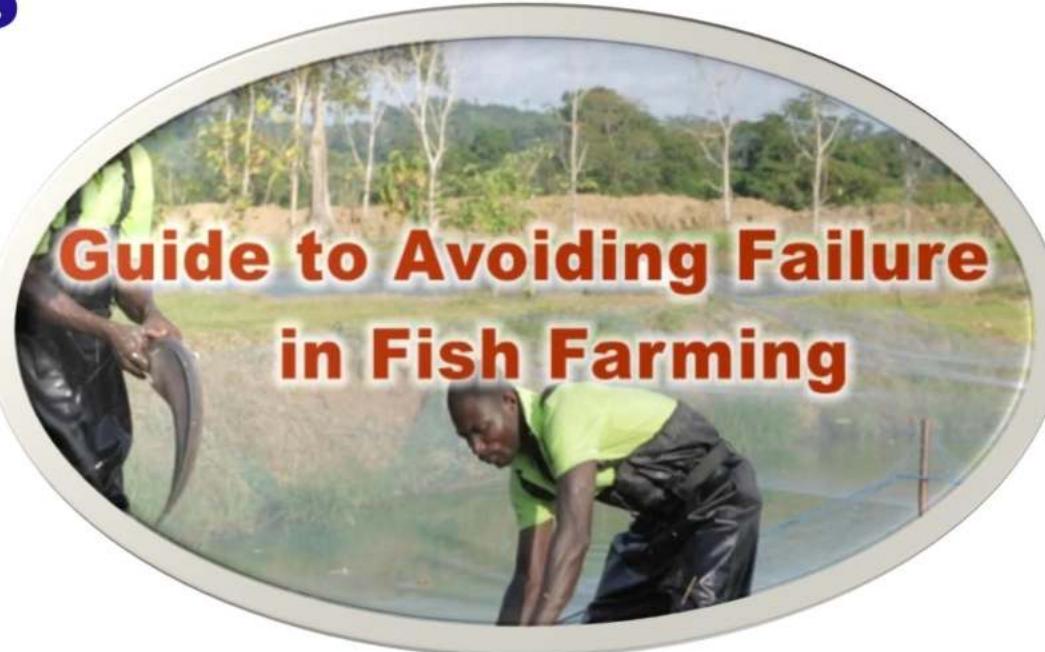
FISH FARMING BUSINESS

A STEP-BY-STEP GUIDE



PLAN FOR BEGINNERS

Fish Farming

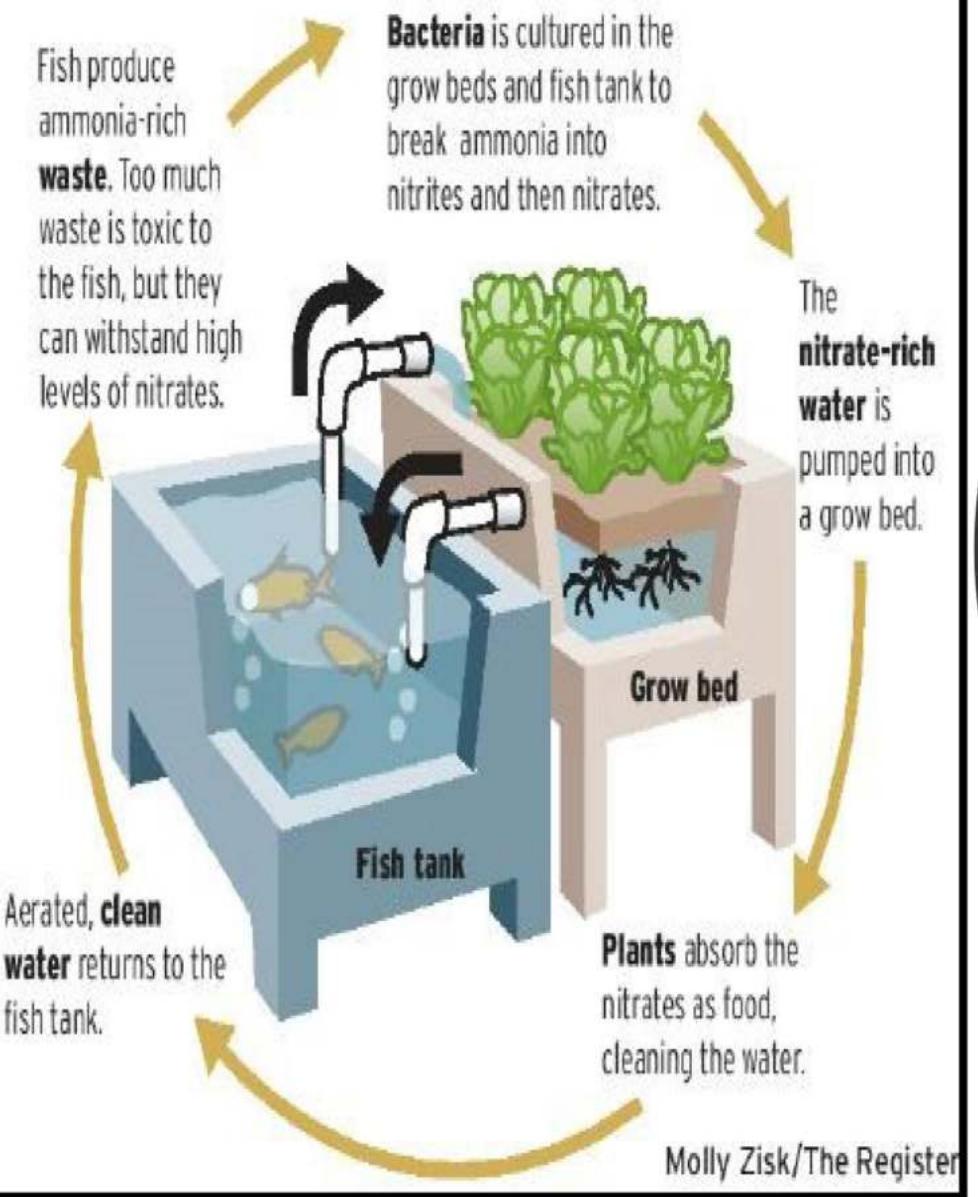


**Guide to Avoiding Failure
in Fish Farming**

Aquaponics + Aquaculture

Efficient farming

Aquaponics is a closed, integrated system combining fish farming and plant growing. This closed system uses a tenth of the water traditional farming requires.



Source: Aquaponics Tips

Aquaponics + Aquaculture





Cassava Ecosystem



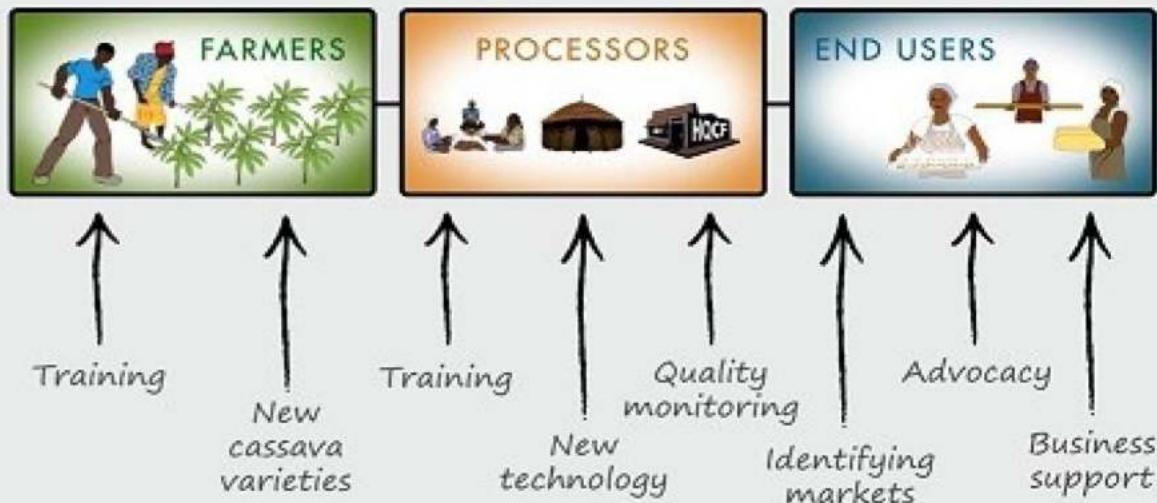
...Enhancing rice and cassava value chains for sustainable agricultural transformation.



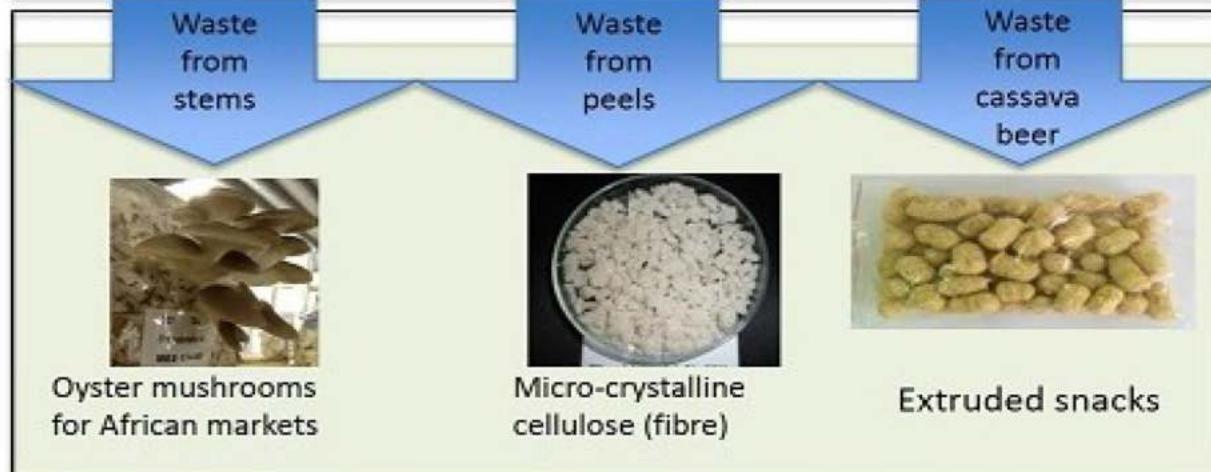
Area 1: Overcoming emergent diseases threatening cassava production



Area 2: Adding value through processing and business development



Area 4: Strengthening the capacity of developing country scientists and practitioners



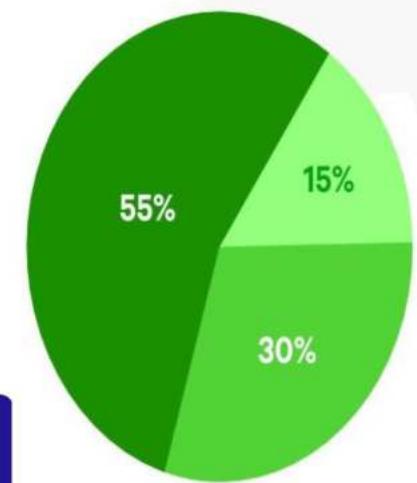
Area 3: Managing waste within the value chain for economic returns



Rice Ecosystem



Top Rice producers
by percentage in Africa



Total Production Volume in Africa in
2019: **14.8 Million Tonnes**



BENEFITS
OF BUYING
MADE IN
NIGERIA RICE



RICE



Harvesting

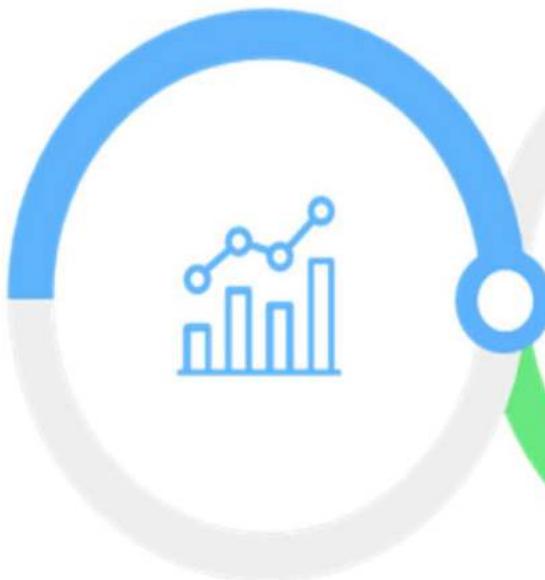
Straw to product ratio.

1.25 kg/kg

Consumption

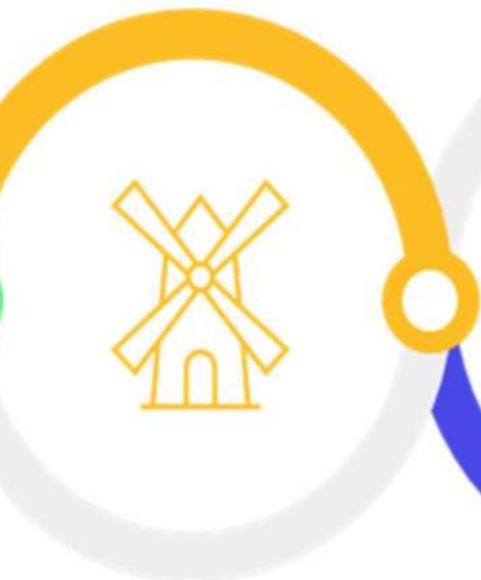
Rotten rice to consumed
ratio.

0.27 kg/kg



Rice production

Total production of rice.



Processing

Husk to product ratio.

0.2–0.28 kg/kg

Bran to product ratio.

0.1 kg/kg

Bankable Business Plan

Entrepreneurship

Government support :
Lobby/subsidy

Access to finance

Labour

Consumer's demand

Equipments and
materials needed

Transportation

Branding and packaging

Hygenic proccesing
environment

Product grading and
pricing

EXPECTED OUTCOMES

1. Skillful Farmers: Participants will gain the skills necessary to successfully manage fish farms, rice paddies, and cassava fields, becoming proficient in various aspects of agricultural production.
2. Agripreneurs: Graduates of the program will possess the knowledge and confidence to establish their own agribusinesses, contributing to job creation and economic growth in their communities.
3. Environmental Impact: By adopting sustainable practices, participants will actively contribute to environmental conservation, reducing the negative impacts of traditional farming methods.
4. Knowledge Sharing: Empowered youth and Women will act as agricultural ambassadors, sharing their expertise with their peers and older generations, facilitating the transfer of knowledge and skills.
5. Food Security: The program will enhance local food security by increasing the availability of diverse and nutritious crops within community.

PROGRAM POTENTIAL IMPACT

The impact of the Agricultural Youth and Women Empowerment Program extends far beyond its immediate participants. By equipping young people with the skills to engage in sustainable agriculture, the program lays the groundwork for the following outcomes:

- 1. Community Resilience:** Empowered participants will help build more resilient communities capable of producing their own food and generating sustainable livelihoods.
- 2. Rural-Urban Migration Reduction:** The attractiveness of agribusiness as a viable career path can stem the tide of rural youth migrating to urban centers in search of job opportunities.
- 3. Economic Growth:** Increased agricultural productivity and the emergence of new agribusinesses can contribute to local economic growth and poverty reduction.
- 4. Sustainable Agriculture Advocacy:** Participants who graduate from the program will become advocates for sustainable farming practices, influencing wider adoption across their regions.
- 5. Global Food Security:** By fostering sustainable practices, the program contributes to the global challenge of feeding a growing population while conserving natural resources.

CERTIFICATION AND INVESTMENT

At the end of the training programme, each participant will be presented with a certificate summarizing the skills they have acquired during the course .

At the end of the training programme, each participant will be presented with Cash grants palliative and Startup Packages:

Fish farming – Fish fingerlings, Boosters, Plastic/tarpaulin ponds

Rice farming – Rice Paddies

Cassava Farming - improved specie of cassava stem



WHO WE ARE

Cater and Merger consult UK is a management and human development consulting company based in the United Kingdom, with a strong presence in Nigeria, and an extensive network of partners, in the business community, academia, civic leadership, developmental agencies and the civil society, we have the capacity to meet our client's needs across the continents of Europe, Africa and the United Kingdom with the following services:

- ~Trade and Investment Mission Summits
- ~Corporate and political Media Image management
- ~Professional and Human Capacity development
- ~Strategy thinking and solution-based youth development trainings for effective leadership.
- ~Inter-Parliamentary exchange and engagement.
- ~Legislative and Good Governance Training Workshops

OUR PARTNERS

Brain Re-Engineering: Dr. Ikechi Agbugba, Brain Re-Engineering Originator and the Global Mentor of Change (GCPIIT, 2022) is an AgriLeader, Activist, Researcheron food and Ag systems, Agribusiness, Sustainability; Professor; EUTECH: Diaspora Lead@UN, ADC-NSA, SOAD, AYDO

Identification Technologies Scotland (ITS): ITS is one of the leading Technologies company in the UK with over 40 years experience in the supply of complete coding, printing and labelling solutions including many firsts. Their vast Machineries are excellent in revolutionary agricultural practices in line with the Goals and Vision of his Excellency for global food security.

Focusing on our mission on building strategic partnerships and relationships, through constructive dialogue and cooperation resulting to good business for economic growth, democratic peace and good governance, we have consistently aimed to bridge the gap between politics and business via policy making and direction, by facilitating trade and investment delegation, legislative exchanges, human capacity development, strategic relations between governments and corporations across Europe, and Africa.

We believe that the world of politics and business are intricately linked and as such we have served as a base for interlinks across corporate and civic power house in the continents through our annual London Political Summit organised every year and the Trade and Investment Mission attracting key political leaders, business leaders, ambassadors and civil society leaders from various national governments and multinational corporations from within and out the United Kingdom. Through our various forums and activities, we have been able to achieve great success in understanding trading and investment potentials, political discourse on democratic peace, and developmental strategies. We hope to achieve more, working in collaboration with our partners and faculty members, in facilitating strategic engagements and human capacity development for effective leadership and good governance.

CONCLUSION

By empowering young entrepreneurs, we can transform Nigeria's agricultural landscape. Let's cultivate a generation of agripreneurs who drive sustainable development and contribute to the nation's prosperity.



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Thank You

We look forward to partnering or collaborating with this project.



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