

Date: May 25, 2021.

**FOR THE KIND ATTENTION OF: THE FOUNDER
THOUGHT FOR FOOD FOUNDATION.**

**SUBJECT: ESTABLISHMENT OF EXPORT ORIENTED AQUACULTURE & AGRICULTURE
PRODUCTION CITY WITH 2500 HOUSES ON COMMUNITY DEVELOPMENT PROGRAM.**

Her Excellency the Founder of TFF.

We have been instructed by Mr. Cuthbert to present our proposal on the captioned subject to the office of President and for attention of Her Excellency.

The proposed Community Development Program is explained in detail in the following document and it is our pleasure to read the acceptance of this proposal by the the management of TFF for further implementation as the proposed project is aimed at upgrading the rural area of the country providing ample opportunities to the unemployed individuals to be engaged in wealth creation for the benefit of the society and the country as well.

We would be glad to have our personal representation in the TFF and meet with Her Excellency and the relevant authorities as the need arises after the acceptance of our proposal to expedite the implementation stages of the program.

We remain at your disposition,

Prince Justin Ajinga Tanyi.
Executive Chairman.
Union Farms of Africa
Cameroon.
Central Africa

PROPOSAL FOR COMMUNITY DEVELOPMENT



PROJECT IN AFRICAN FOR AFRICAN

May 2021.

PREPARED, PRESENTED & PROPOSED BY, _____

UNION FARMS OF AFRICA (UFA) NIGERIA, GHANA, CHAD, LIBERIA AND CAMEROON

Introduction to Backyard Macrobiotic Module

(BAMM™)

Community Development Project

Executive Summary

- The Union Farms of Africa's vision for the agriculture sector is to ensure food and nutrition security across Africa and to pursue economic growth, social capital development, including the empowerment of youth and women in agricultural activities, while reducing the process of environmental degradation. Its mission is to reduce poverty, increase livelihood, employment through a resilience-based and market-driven approach in pursuit of a countrywide strategy towards climate-smart and organic agriculture and supporting value chains and markets development, introducing appropriate policy and technology.
- UFA is focused on sustainable farming across Africa, where we bring together partnerships across the value chain to ensure that every component of agriculture value chain is sustained in our project as we plan to replicate the success and proof of concept in Cameroun to other parts of Africa to ensure food security is achieved and sustained using organic inputs.

UFA's History:

Union Farms of Africa (UfA)

Union Farms of Africa (UFA) brings Honesty and Accountability and Food security, Zero Hunger and Climate action to Agriculture and Agribusiness, while helping customers, we help African farmers to acquire innovative and Smart Climate Resilience based skills.

- Awakening: 2009-2014 As African Leadership Community Link Advancement Program (ALCOMLAP) <https://web.facebook.com/AfricanLeadershipCommunityLinkAdvancementProgram>
- Trained and financed 5000 youth and women in agriculture in North West, South West and Western regions of Cameroon.
- Designed and hosted the First West African Entrepreneurship Summit (YES) Ibadan Nigeria in collaboration with Centre for Enterprise Development and Action Research (CEDAR) Nigeria and University of Ibadan <http://cedarngo.org/>
- Championed the creation of Cameroon National Youth Council (CNYC) <https://cameroon-report.com/politique/cnyc-an-institution-that-have-achieved-remarkable-progress-in-youth-policy-implementation>
- Agribusiness Consulting and training with Cameroon of Youth and Civic Education for Support Program for rural and Urban Youth (PAJER-U)
- Fokim Julius, Neba Nelson and Nkenmta Orcarline joined Prince. Justin as co-founder
- 2015 as agribusiness cooperative created the Farmers Business Academy and trained 5000 youth and woman in agribusiness.
- 2017 Upgraded to Union Farms of Africa Enterprise and became National maize seeds supplier to the government of Cameroon.
- 2015 Best Maize breeding South West Agro Pastoral show.
- 2015 Best Cassava processing corporative South West Agro Pastoral Show.
- 2017 Champion the creation of Africa Youth in Agribusiness (AYA) Association currently in 8 African contraries.
- 2017 Second national Champion Africa Food Resilience day.

- 2019 Represented Africa in Agribusiness4change conference in Ethiopia organized by GIZ.
 - 2019-2021, Thought For Food Foundation Brand Ambassador for Cameroon and Head of Partnership and Collaboration, South and Central Africa (Zambia, South Africa, Botswana, Mozambique, Angola, Madagascar, DRC, Congo, Cameroon, Central African Republic, Mauritius, Lesotho).
 - 2020 through our network of 10000+ maize producers, cultivated 100.000 metric tons of maize and 2021, further upgraded.
 - 2021 expansion to Ghana, Nigeria, Liberia, Chad.
 - Ongoing Expansion to Tanzania, Gabon, Rwanda and Kenya.
- UFA developed a unique farming system in collaboration with The Cameroon Ministry of Agriculture and Rural Development (MINADER) Biogrow Africa Limited Ghana, Dronearody Private Limited India, North West Federation of Union of Marketing CIGs, Access View Africa, SGHOLDINGS LIMITED, Thought For Food Foundation, St Louis Higher Institute of Agriculture, Engineering and Technology Cameroon, Faculty of Agriculture and Veterinary Medicine University of Buea Cameroon, Cameroon Ministry of Vocational Training and Employment and His Royal Majesty **BATOUAN MBENDE** Jules. UFA's Member Countries; Liberia, Chad, Ghana and Nigeria named BAMM™ - an abbreviation that represents Backyard Macrobiotic Module - a system which incorporates the growing of both fish (any species of freshwater fish, in tanks atop the ground-under specific cases incorporate fresh water Shrimp as well) and over 40 varieties of vegetables (in grow-beds) within the convenience of one's backyard at home, that can generate significant revenue and in conjunction promote food security in order for poverty ridden families to be independent, both economically and socially.
 - Each pre-fabricated house comes attached with a BAMM™ unit that produces 100 kgs of fish and 800/900 kgs of various vegetables every month which can sufficiently feed a family of four or five persons leaving the excess production for converting into cash while providing the opportunity for two members of the family to be employed within the system on full time basis, thus answering unemployment concerns of nations.
 - BAMM™ utilizes a technology that grows both vegetables and fish within the same system without the use of soil, fertilizer or pesticides. It is run by a solar unit producing electricity, which powers a bore hole water pump to supply water for the recirculation system including operating the O2 generators. The water within each tank is re-circulated, feeding both the fish and plants with the necessary nutrition. Since there are no pesticides or fertilizers used within the system for production of Fish and Vegetables, the produce is certified 100% organic.
 - The BAMM™ community development program is not primarily designed for corporate entities or individuals but is made to be for a minimum of 2500 families to be accommodated in a city that is geared and equipped for 100% export of what the city/families produce.
 - An empty land with no development, including people with no stable source of income or sufficient food/water and housing, will be developed, providing them with such resources. In addition to providing these families with *housing, employment and food security, roads will be built* within the land pertaining to the 2500 families including *community and recreational centers, a small clinic, a groceries store*, and all other public amenities thus developing a community or a satellite city in which it may be identified.

- The project provides a *2 bedroom (plus living, dining room and bathroom)* pre fabricated house for each of the 2500 families including a BAMM™ unit. It brings together a cluster of 2500 families and provides *job security and economic independence* for 2 people of each household – *a full time stable, guaranteed income, housing, electricity, water, food, a general training and knowledge for the use of basic technology*; bringing forth an overall upheaval in the livelihoods and the standard of living in this group of selected families in a bit the meet up with the vision of Union Farms of Africa of creating Green Jobs as in our slogan “Leading the Green Revolution”.

Technology Utilized & UFA’s Scope of Services

- *Below is a brief account of the UFA’s BAMM™ system:*
- **Pre-fabricated housing unit:** 2500 two bed room-dining & Living + one toilet with overhead water tank. 70m2 area.
- **UFA BAMM™ Unit:** Backyard Macrobiotic Module (BAMM™).
- **Production:** Tilapia Fish and Various Vegetables over 40 varieties.
- **Production Capacity:** 100 kgs of Tilapia Fish and 800/900 kgs of Vegetables per month.
- **Area required for BAMM™ unit:** 6x6 m2.
- **Area required in total for BAMM™ unit + pre-fabricated houses of 2500 units+ all public amenities:** 50 hectares.
- **Employment:** 2 adults full time per household.
- **Total estimated employments in the entire program:** 5500 direct employments+ 500 indirect employments.

By products: 5000+/- liters of water per day per family. Electricity to burn 5 to 6 bulbs of 75 W for 5 hours per day.

Equipment: Fish breeding Tanks/ Vegetable grow beds/ Solar Unit/ Borehole water pump/ biofloc reactor/ Power bank/ Water storage Tank.

Harvesting: Every week/ fortnight or monthly.

Certification: All products are organic as no chemicals or fertilizers are used for vegetable farming. Vegetables are by-products of the fish breeding. Fish feed formula is of 100% organic ingredients. All products are marketable under Organic certification

Other auxiliary industries attached to the project:

- A vocational training and educational center
- A recreational club with an auditorium/ community center
- A daycare center and a primary school
- Medium sized supermarket

- A Bank Branch
- A center for religious activities
- Primary health care unit with medical supplies
- Security and project/administration office
- A hatchery
- A fish feed mill
- A seedlings nursery
- Vegetable and fish processing plant along with a cold room
- Logistics office to provide transportation within the project site
- Roads and public safety features

UFA shall

- Supply and install of 2500 pre-fabricated housing units together with 2500 BAMM™ units within targeted communities for employment of 2500 families as a turn-key BOT (Built / operate/ transfer) project.
- Provide employment opportunities for two adults of each family within the 2500 targeted communities. Such families will become owners of the houses when the project is handed over to the host government of the country or the nominated Ministry/Entity.
- Supply fish fingerlings/fish feed and vegetable seedlings free of cost to the door step until the first harvest is obtained. Thereafter such supplies continue consistently at door step where the operators/families will need to pay a subsidized price for supplies at a seedlings and fish fingerlings facility in which the Project City is constructed.
- Provide a comprehensive training at free of charge to the 2500 targeted families on the operational aspect of the unit.

- Purchase of all the excess products at door step after self consumption at a guaranteed prices under a buy-back agreement thereby taking the marketing/sales challenges off the farmer.
- Provide 24/7 technical support and troubleshooting exercises to prevent any loss of production.
- Provide the 2500 families with one smart phone each with a phone application which enables all stakeholders– the farmers, technical team, administration, financial institution, clients, logistics, marketing, with a constant flow of data that shows all activities pertaining to the production/inventories/logistics/deliveries etc,.
- The mobile application will have integrated functions to input data correlating to production status daily/weekly/monthly, PH level readings, maintain inventories, log books, access to the live CCTV cameras streaming of each individual BAMM™ production system, among numerous additional functions such as monitoring inventories and logistics in relation to deliveries to end users.

Marketing

- UFA undertakes the marketing of all produce at guaranteed prices to the international markets through its marketing arm established overseas, selling to international supermarket chains as well as the retail and wholesale markets worldwide using all applicable marketing techniques and channels available and established by UFA.
- Spire Inc. forecasts the markets on specific vegetable/s based on seasonal needs stipulated ahead of time as directed by the marketing arm and the clientele who would take the advantage of data available through the mobile phone application and provides the farmers with the necessary seedlings to produce said output to meet the clients need in advance.
- UFA shall have guide lines and specifications for product processing and packaging under the buy-back agreement to suit the markets that UFA provides services to.

BAMM™ Project Implementation & Management

- The Community based Aquaculture and Agriculture Project is based on a Turn-key BOT (Build/Operate and Transfer) term to Clients/Governments.
- Consultants Consortium (UFA along with investor consortium) shall obtain 100% finances for the project through Foreign Direct Investment schemes available to the Consultant.
- Upon acceptance of a Proposal an agreement and MOU shall be signed between the Local Agent of the Consultants and the Client.
- UFA shall then undertake their part of work upon signing of an MOU.

- **Upon acceptance of the proposal and signing the MOU, Client is expected to obtain necessary Government approval for FDI finance facility and a letter of guarantee issued by relevant Ministry for repayment of the FDI within a stipulated period backed by a financial bank guarantee by a local commercial Bank with added confirmation by a prime international bank. (the Financial Guarantee is subject to terms of the Contract which is the “underlying transaction” to the FG, signed by Spire USA Inc and the Client)**
- The Client is expected to provide the necessary Government approvals for installation of units for selected families and either pay or waive import tariff of units to the country at point of importation.
- **UFA, Shall manage the entire operation to meet the estimated profitability of the venture envisaged for recovery of the FDI and to recoup the investment on schedule to meet the obligation of the financial guarantee issued for payment to the Consultant, when project is handed over to the government/client at the agreed time, as a debt free and financially viable, profitable and independent venture as stipulated and agreed on the contract signed by both parties.**
- It is envisaged that the project shall be handed over to the client/government at the end of 10th year as a debt free, financially viable, profitable and independent venture which shall be certified by an appointed international reputed Audit Firm, including the Client’s Bank that issued the Financial Guarantee for repayment of the investment to the consultant.
- UFA, undertakes the purchase of the entire produce at a guaranteed price through marketing network for enhanced profitability to the venture.
- UFA undertakes to recoup the investment at the time of handing over the project to the beneficiary and such recouped funds against the investment be secured/ deposited within the period of 5 or 10 years in an escrow ac with the same bank that issued the FG.
- Failure of UFA to fulfill contractual obligations shall indemnify the Bank that issued the FG and Spire US Inc shall have no right to call for funds on the FG thus redeeming the Bank that issued the FG of it liabilities.
- The management of the project and the buy-back agreement of the product/produce can be continued for a further 10 year period at a fee agreed by both parties if the government/client wishes UFA to continue services in these areas after handing over of the project.
 - The presence of a Local Agent is mandatory as the Consultant/Project Promoter UFA is not the beneficiary of the project and UFA is required to be represented by a local entity.

- UFA, as the project promoter contracts the entire management utilizing an expatriate management team with technicians, and the function of the *buy-back agreement* to guarantee the market for the harvested produce. For UFA to succeed in their obligation the local agent must undertake the entire local management aspect of the project.

Investment:

- Total Investment by way of FDI is estimated US\$ 100 million excluding the Land in extent of 50 hectares.
- Number of years estimated for recovery of investment is 5 to 10 years with one year grace period.
- Project can be implemented in 4 phases if required with a recovery period of investment extending to 5 to 10 years.

Financial Highlights of the BAMM™ Project

HIGHLIGHTS OF THE 2500 HOUSING & BAMM COMMUNITY DEVELOPMENT AQUACULTURE AND AGRICULTURE PROGRAM				
PER ANNUM BASIS				
	US\$	NUMBERS	PER DAY	
EX-FARM VALUE OF FISH SALES	10,200,000.00			
EX-FARM VALUE OF VEGETABLES SALES	43,200,000.00			
TOTAL REVENUE FROM EX-FARM SALES VALUE ON THE PROGRAM	53,400,000.00			
REVENUE FOR THE 2500 FAMILIES	18,000,000.00			
NUMBER OF EMPLOYMENTS DIRECT		5,000.00		
NUMBER OF EMPLOYMENTS INDIRECT		500.00		
AMOUNT SAVED UNDER MANDATORY SAVINGS SCHEME	2,670,000.00			
NUMBER OF KILOS OF FISH PRODUCED FOR SELF CONSUMPTION		450,000.00	0.500 GRAMS	
NUMBER OF KILOS OF VEGETABLES PRODUCED FOR SELF CONSUMPTION		2,400,000.00	2.7 KILOS	
COST OF INSURANCE ON STOCKS PAID	801,000.00			
ESTIMATED EXPORT VALUE OF FISH	15,000,000.00			
ESTIMATES EXPORT VALUE OF VEGETABLES	70,000,000.00			
TOTAL ESTIMATED EXPORT VALUE	85,000,000.00			

█████ produces 300 kilos of Tilapia fish every month. Tilapia is rich in Omega3 and protein. Sell your harvest for cash at door step.



What more do I get?

█████ is installed at your backyard with an assurance by the ██████ supplier who will:

- ✓ Deliver fish feed, fish fingerlings, & vegetable seeds free of charge (until your first harvest) at your door step - together with the machine.
- ✓ Free training and knowledge on how to operate the ██████ unit and production system & maintain a home base business.
- ✓ 24/7 back trouble shooting consultation when needed (M farm technique).
- ✓ Come to your door step and purchase your harvest at the prevailing market prices.
- ✓ Every visit will cost you nothing more than a smile ☺

All components in the unit carry a 3 year warranty for replacement or compensation in the event of

How could a family own a ██████ unit?

This is a community based project:

- A minimum of 250 families in a community combine as a cooperative.
- Each family is given a ██████ unit.
- Free training provided.
- ██████ will employ 2 adults full time in each family.
- Revenue and production guaranteed under ██████ promoters' supervision.

A ██████ family is
A Happy, Independent & Healthy Family



Contact us at info@aquatech.co.ke

AquaTech

Manufacturing & Sales Division for Aquaculture Industry

FISH VEGETABLE FREE WATER ELECTRICITY

Freedom of Employment
Income secured *Job Satisfaction*
Learn to breed fish & grow vegetable
Make a profit at your door-step
All in the comfort of your own backyard

Free Training!

Harvest purchased at doorstep

SECURE YOUR FUTURE

NOW!

NO IMPACT FROM GLOBAL CRISIS, FREE FROM SOCIAL POVERTY.



How is this possible?

With ██████ - it is possible.

What is ██████ -?

"Backyard Macrobiotic Module". A unit that produces Fish and Vegetables in your backyard.

What is that?!

It is a unit that requires 36 m2 of footprint next to your house. A unit that consists of:

- Water tanks
- Overhead water tank
- Solar power unit
- And some accessories
- Vegetable grow beds
- Borehole water pump
- Biofloc reactor

What does it do?

█████ provides the following every month:

- ✓ 300 kilos of Tilapia fish
- ✓ 300 Kilos of organic Vegetables
- ✓ 5000 liters of water per day
- ✓ Electricity to burn 5 x75 watt bulbs for 5 hours/day

Because of the water treatment after self-consumption. Free fish, vegetables, water, electricity.

Tell me more about this...

█████ is a revolutionized way of producing fish & vegetables organically - within a small area of land. No fertilizer... No Chemicals... No Pesticides... Fully operated by solar power.

Excess power for home usage.

A solar powered borehole pump provides water for fish and vegetable.

Excess water for home usage.

█████ produces a number of vegetables such as:

- Egg plant
- Bell pepper
- Chili
- Broccoli
- Tomato
- Okra
- Bitter leaf
- Okra
- Kani
- A variety of other green leaves & herbs

CLIENT INFORMATION SHEET

Personal Information:

First Name : SARATH
Middle Name : UPALI KARUNARATNA
Last Name : POTHUWILAGE
Gender : MALE
Date of Birth : 24/09/1953
Country of Citizenship : Cameroon
Country of Residence : Cameroon.
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Bank Information:

Bank Name : Ecobank
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Account Name : Union Farms of Africa

Account Number : To be Advised
SWIFT Code : BOFAUS3N
Account Signatory (1) : Prince Justin Ajinga TANYI
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