

29, Arigbanla Oladiran Street, Off
AIT Raod, Kola Bus Stop,
Alagbado, Lagos.
25th May, 2024

The Director of Cleantech
Research and Innovation Fund,

Dear Sir/Ma,

**REF: PROPOSAL LETTER FOR FUNDING CLEAN AGRICULTURAL
TECHNOLOGY PROJECT (CATP)**

i hereby officially apply for Fund of \$USD250,000.00 (Two Hundred And Fifty Thousand US Dollars) for a commercial farming with modern day technology.

Tostech Global Resources is a multidimensional and innovating company registered under the acts and allied matters of 1999 Nigeria constitution in the year December, 2nd, 2016. Also registered as non-resident business in Canada with Registration Number: 753719145

I have done market research, feasibility study, and current market prices before putting up this proposal. I have handled many projects in Agricultural development in Lagos State which was sponsored by Lagos State Ministry of Sports and Youth Development. We were able to train over 5700 youths in the project.

Presently, I have come up with an idea that will transform the food security in Nigeria, Africa and the World as a whole via Clean Agricultural Technology Project in line with United Nations Sustainable Goals.

I have the blue print of this great innovation and it is attached below.

For further explanation, meeting and discussion, you can contact us for via the mobile phone number: 2348137568510, 2348022151261 or Email: tostechglobal@gmail.com

Yours faithfully



Arigbanla Oluwatosin Joseph
Founder/CEO Tostech Global Resources

BLUE PRINT OF TOSTECH GLOBAL RESOURCES **(CLEAN AGRICULTURAL TECHNOLOGY CITY** **PROJECT)**

What is Agriculture?

Agriculture is the planting of crops and rearing of animals for individual consumption or commercial purposes.

What is Technology?

Technology is the application of scientific knowledge to the practical aims of human life or, as it is sometimes phrased, to the change and manipulation of the human environment.

Agricultural technology is the applications of techniques and modern day technology to control the growth and harvesting of farm produce and rearing of animals.

*Also, Agricultural technology refers to technology for the production of farm produce by machines used on farm to help the work easier. Agricultural machines have been designed for practically every stage of the agricultural process. They include machines for tilling the soil, planting seeds, irrigating the land, cultivating crops, protecting them from pests and weeds, harvesting, threshing grain, livestock feeding, and sorting and packaging the products. People who are trained to design agricultural machinery, equipment, and structures are known as **agricultural engineers**.*

Scope of Agricultural Technology

Agricultural technology is among the most revolutionary and impactful areas of modern technology, driven by the fundamental need for food and for feeding an ever-growing population. It has opened an era in which powered machinery does the work formerly performed by people and animals (such as oxen and horses). These machines have massively increased farm output and dramatically changed the way people are employed and produce food worldwide. A well-known example of agricultural machinery is the tractor. Currently, mechanized agriculture also involves the use of big drones and other machines.



CLEAN AGRICULTURAL TECHNOLOGY PROJECT (CATP)

Our Clean Agricultural Technology Project is situated along Lagos-Abeokuta Road Itori, on a 50Hectares of Land which is meant for a whole agricultural value chain (**Crop Farming, Fish Farming, Poultry Production, Egg Production & Hatchery, Livestock and Piggery**).

The purpose of this agricultural business is to enhance food security in Nigeria which is among the government's project on SDGs and exportation of agricultural produce to other African countries and the world at large. Nigeria has a very large market of over 200million population for farm produces. We at the Clean Agricultural Technology City are looking into this wonderful opportunity to make hundred millions of dollars in 5years -10years now.

SECTIONS AT CLEAN AGRICULTURAL TECHNOLOGY PROJECT

CROP FARMING SECTION: - This comprises of majorly planting of Maize, Cassava, Rice and vegetables, and also sales of seedlings. Our targeted customers include; local farmers, exporters, manufacturing companies, supply in tones to other countries.

| CROPS | INPUTS | OUTPUTS | SALES |
|--------------|--|---|--|
| CASSAVA | 30 Thousand cassava stand will be planted on 20 Hectares of Land | The output in 7-9months will be about 350tons of Cassava per Hectare (350Tons x 20Hectares) | 1,750Tons x \$USD50 \$USD350,500.00 |
| MAIZE | 36 Thousand Stands of Maize per Hectare. Multiply by 20 Hectares | Within 3-4months, we get 11 tonnes per hectare. (11 tonnes x 20Hectare) | \$USD500 x 220 \$USD110,000.00 |
| TOTAL | | | \$USD460,500.00 |

FISH FARMING: - We specialize at the beginning on Catfish and Stock Fish both fingerlings, juvenile and table sizes. Our targeted audiences include; other farmers, restaurants, canteens, eateries, hotels, clubs and others. We make use of sophisticated equipments that will automatically change the water and give the food at the appropriate time set.

| FISH | INPUT | OUTPUT | SALES |
|--------------------|---|--|--|
| <i>FINGERLINGS</i> | <i>10,000 fingerlings will be hatched on 20 Ponds each on half acre</i> | <i>200,000.00 fingerlings will mature for sales within 2months</i> | <i>200,000.00 fingerlings x \$USD0.20 \$USD40,000.00</i> |
| <i>JUVENILE</i> | <i>10,000 juvenile will be hatched on 20 Ponds each on half acre</i> | <i>200,000.00 fingerlings will mature for sales within 2months</i> | <i>200,000.00 fingerlings x \$USD1.00 \$USD200,000.00</i> |
| <i>TABLE SIZE</i> | <i>10,000 juvenile will be hatched on 20 Ponds each on half acre</i> | <i>200,000.00 fingerlings will mature for sales within 4months</i> | <i>200,000.00 fingerlings x \$USD2.0 \$USD400,000.00</i> |
| TOTAL | | | \$USD640,000.00 |



POULTRY PRODUCTION: - Our Poultry production is majorly the rearing of broilers, cockerels, chicken, and turkey. We will be working on sophisticated machines and vaccines that will enhance the growth and healthy lives of the animals for more reproduction and egg production. Our targeted customers include Hotels, major markets nationwide, eateries, other poultry farmers, food companies and many others

| POULTRY ANIMALS | INPUT | OUTPUT | SALES |
|------------------------|---|--|--|
| <i>BROILERS</i> | <i>5,000 Broilers will be reared on half acres with feeds and vaccines</i> | <i>5,000 Broilers mature in 4-5months</i> | <i>5,000 x \$USD12.5</i> <i>\$USD62,500.00</i> |
| <i>COCKERELS</i> | <i>5,000 Cockerels will be reared on half acres with feeds and vaccines</i> | <i>5,000 Cockerels mature in 4-5months</i> | <i>5,000 x \$USD12.5</i> <i>\$USD62,500.00</i> |
| <i>TURKEY</i> | <i>5,000 Turkey will be reared on half acres with feeds and vaccines</i> | <i>5,000 Turkey mature in 5-6months</i> | <i>5,000 x \$USD37.5</i> <i>\$USD187,500.00</i> |
| <i>CHICKENS</i> | <i>20,000 chickens will be reared on half acres with feeds and vaccines</i> | <i>20,000 chickens mature in 1-2months</i> | <i>20,000 x \$USD1.0</i> <i>\$USD20,000.00</i> |
| TOTAL | | | \$USD332,500.00 |

Note: Egg Production Will Be Made from The Layers of about 10,000 separately

EGG PRODUCTION AND HATCHERY: - increase in population in the world and food nutrients for children around the world facilitates our egg production which will be running into thousands and millions as year goes by. Egg consumption is very high in Africa today in order to maintain balance diet and our target audiences are Egg Suppliers, Bakers, Bakeries, Food Companies, Eateries, Caterers, and Food Canteen. Also, hatchery of eggs is another agricultural technology business where hundreds of thousands of eggs will be hatched for chicken multiplication and reproduction. Our targeted customers are poultry farmers.

| EGG PRODUCTION | INPUT | OUTPUT | SALES |
|-----------------------|---------------------------|----------------------------|----------------------|
| <i>LAYER'S EGGS</i> | <i>10,000 Layers will</i> | <i>10,000 Eggs will be</i> | <i>300,000Eggs x</i> |

| | | | |
|---------------|--|---|--|
| | <i>be laying 1 Egg per day on half acres with feeds and vaccines</i> | <i>laid per day. (10,000 x 30Days = 300,000Eggs Per Month)</i> | <i>USD0.10 \$USD30,000 (Per Month)</i> |
| TURKEY | <i>10,000 Turkey will be laying Two (2)Eggs per week on half acres with feeds and vaccines</i> | <i>10,000 Eggs will be laid per week. (10,000 x 16 = 160,000Eggs Per Month) it will be hatched and sold within 1 months</i> | <i>160,000poults x \$USD1.00 \$USD160,000.00 (Per Month)</i> |
| TOTAL | | | <i>\$USD190,000.00 (PER MONTH) X 12MONTHS \$USD2,280,000.00</i> |

PIGGERY: - Piggery is another agricultural multimillion dollars profit. Meat consumption is very important for growth and this animal gives birth to large numbers at a go. Our targeted customers include; Large Frozen Foods Company, Pork Meat Canteens & Restaurants, Pork Dried Meat Sellers and others.

| ANIMAL | INPUT | OUTPUT | SALES |
|---------------|--|---|--|
| PIGS | <i>1000 Pigs (500 Females and 500 Males) will be reared on half Acre of Land</i> | <i>1000 give birth to 10pigglets in 8-10months (1000 x 8 = 8,000)</i> | <i>8000Pigs x \$USD200 \$USD 1,600,000.00 (Per Year)</i> |
| TOTAL | | | <i>\$USD 1,600,00.00</i> |



LIVESTOCK: - Livestock is great agricultural multimillion dollars profit also. Meat consumption is very important for growth as it supplies proteins, These include Cows, Sheep and Goats. They give birth to two or more at ago. Our targeted customers include; Large Frozen Foods Companies, Canteens & Restaurants, Food Technology Companies, Abattoirs and others.

| ANIMAL | INPUT | OUTPUT | SALES |
|--------|---|---|---|
| Cattle | 300 Cattle (250 Females and 50 Males) will be reared on half Acre of Land | 250 give birth to 250Calves in 8-12months | 250Adult Cows x \$USD500 \$USD 125,000.00 (Per Year) |
| Sheep | 200 Sheep (190 Females and 10 Males) will be reared on half Acre of Land | 190Ewes give birth to 380Lambs reared to adults in 8-12months | 380Adult Cows x \$USD300 \$USD 114,000.00 (Per Year) |
| Goats | 200 Goats (190 Females and 10 Males) will be reared on half Acre of Land | 190Kids give birth to 380Kids reared to adults in 8-12months | 380Adult Cows x \$USD200 \$USD 76,000.00 (Per Year) |

| | | | |
|--------------|--|--|-------------------------|
| | | | |
| TOTAL | | | \$USD 315,000.00 |

TOTAL YEARLY SALES = \$USD5,628,000.00 (FIVE MILLION SIX HUNDRED AND TWENTY EIGHT THOUSAND US DOLLARS)

BUDGET COST ANALYSIS AND PROJECTION

BUDGET

Our budget for this project is done base on the current price market price and feasibilities studies = \$USD250,000.00 (Two Hundred And Fifty Thousand US Dollars)

EQUITY

The equity is our intellectual property and idea of this project which runs into over \$USD1,000,000.00 (One Million Dollars).

FUND REQUEST - \$USD250,000.00 (Two Hundred And Fifty Thousand Dollars)

ASSETS:

| FIXED ASSET | AMOUNT (\$USD) | CURRENT ASSET | AMOUNT (\$USD) |
|--------------------|-----------------------|-------------------------|-----------------------|
| LAND | \$30,000.00 | TRACTORS | \$30,000.00 |
| BUILDINGS | \$40,000.00 | DRONES | \$7,000.00 |
| CAPITAL | \$80,000.00 | VEHICLES | \$15,000.00 |
| | | FARM EQUIPMENTS | \$20,000.00 |
| | | FURNITURES AND FITTINGS | \$10,000.00 |
| | | ELECTRICALS | \$10,000.00 |
| | | LAPTOPS | \$5,000.00 |
| | | TABLETS | \$1,000.00 |
| | | MOBILE PHONES | \$1,000.00 |
| | | MODEM | \$1,000.00 |
| | | | |
| TOTAL ASSET | \$150,000.00 | | \$100,000.00 |
| | | | |

EXPENSES:

| EXPENSES | AMOUNT (\$USD) |
|---|-----------------------|
| DRAWINGS | \$50,000.00 |
| INSURANCE | \$10,000.00 |
| SALARIES (FOR 1 YEAR OF PRODUCTION) | \$80,000.00 |
| LIABILITIES | — |
| CUCURRENT EXPENSES (FOR 1 YEAR OF ACTIVITY) | \$20,000.00 |
| TOTAL EXPENSES | \$160,000.00 |

PROFIT FOR THE FIRST YEAR AFTER PRODUCTION:

| YEARLY PROFIT | AMOUNT (\$USD) |
|-----------------------|-----------------------|
| PROFIT BEFORE TAX | \$5,628,000.00 |
| PROFIT AFTER TAX | \$4,781,700.00 |
| TOTAL YEARLY.P | \$4,781,700.00 |

PROFIT MARGIN: 5YEARS PROJECTION

| YEAR | 1ST YEAR | 2ND YEAR | 3RD YEAR | 4TH YEAR | 5TH YEAR |
|-------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| INVESTMENT | \$USD250,000.00 | \$USD1,000,000.00 | \$USD1,500,000.00 | \$USD1,500,000.00 | \$USD1,700,000.00 |
| ASSETS | \$USD200,000.00 | \$USD540,000.00 | \$USD950,000.00 | \$USD800,000.00 | \$USD850,000.00 |
| EXPENSES | \$USD50,000.00 | \$USD360,000.00 | \$USD550,000.00 | \$USD700,000.00 | \$USD850,000.00 |
| PROFIT | \$USD5,628,000.00 | \$USD10,626,000.00 | \$USD31,787,000.00 | \$USD127,512,000.00 | \$USD637,560,000.00 |

EXPECTED OUTCOMES

- Increase in productivity in primary production of key marketable farm produce and commodities supporting inline with the Government's National Food Security Program.
- Increase in capacity of smallholder producer to respond to agricultural business and market requirement.

- *Upgrading production and infrastructures sustaining innovative agricultural technology packages.*
- *Increase in exportation of agricultural produce and thereby increase the profit margin of the company.*

SKILLS AND COMPETENCIES NEEDED IN AGRICULTURAL TECHNOLOGY CITY

- *Technological knowledge*
- *Modern agricultural skills*
- *Innovative skills*
- *Analytical skills*
- *Managerial skills*
- *Interpersonal skills*
- *Organization skills*
- *Time management*
- *System Evaluation*
- *Scientific skills*
- *IT skills*
- *Mechanical skills*
- *Social Perceptiveness*
- *Technology Design*

CAREER OPPORTUNITIES AND JOB PROSPECTS IN CLEAN AGRICULTURAL TECHNOLOGY PROJECT

- *Crop consultant/researcher*
- *Farm equipment mechanic*
- *Farm manager*
- *Field test analyst*
- *Grain elevator manager*
- *Industrial Production Manager*
- *Regional service manager*
- *Plant manager*
- *Production agriculture manager*
- *Agricultural Field Inspector*
- *Security with Surveillance Cameras Experience.*

TARGETED CUSTOMERS/AUDIENCE FOR CLEAN AGRICULTURAL TECHNOLOGY CITY

- *Agro-Products Exporters*
- *Agricultural Companies*
- *Food Companies*

- *Farm Owners*
- *Eateries*
- *Canteens*
- *Industrial Companies*
- *Manufacturing Companies*
- *Food Processing Companies*
- *Agriculture-Based Companies*

