PROJECT : BIO-FARMING ENTOMOLOGY INDUSTRY

FIELD OF INTERVENTION : FOOD ENTREPRENEURSHIP

REQUESTED BY: ARISING OF FIRE TRAINING CENTER(AFTC)

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I/- PROJECT DESCRIPTION

In general, all over the world, humanity is facing many major ecological, socio-economic and food crisis challenges.

Either due to the deforestation of certain fishery resources for the manufacture of coal, embers, planks, the search for new arable land, pollution or else either by extreme poverty and the lack of innovative technics to guarantee 'food self-sufficiency, whom the main victims are people with low incomes, whom the vast majority live in Third World countries like ours.

And then those figures are estimated at 2 billions of inhabitants suffering from malnutrition according to wikipedia information source.

Therefore to try to overcome this social difficulty, as a leader, social entrepreneur and in response to SDG'S 2 and 3, it is appropriate for me to offer an alternative solution

via the implementation of the `` BIO-FARMING ENTOMOLOGY INDUSTRY '' project which consists of setting up the very first bio-industrial farm chain in Congo Brazzaville for the production of edible caterpillars and weevil larvae Palm trees.

II/- CONTEXT AND JUSTIFICATION OF THE PROJECT

Since one of the flagship missions of our organization is to promote entrepreneurship in society.

In this perspective, faced with the drastic decrease in the halieutic resources hosting certain edible insects such as edible caterpillars and palm weevil larvae which occupy a prominent place in the culinary art in general and in particular in Congo, causing a shortage and soaring price of these edible insects due to strong consumer demand.

We thought of setting up an industrial firm of production on a large scale with a view to valorization of these various resources on the national and international market through the transformation and the food preservation such as by producing flour, cookies, cans of canned food and making the sale of these resources at the initial stage in order to put within the reach of all purses these dishes which become rare foodstuffs for a certain period throughout the year.

III/- GOAL AND OBJECTIVES

- ✓ -Promoting mechanisms to fight food insecurity;
- ✓ Providing food in sufficient quality and quantity rich in vitamin like proteins, fats, fibers and minerals in order to fight against malnutrition;
- ✓ Promoting deforestation and air pollution through entomogy;
- ✓ Promoting soil fertilization by bioconversion of waste by emitting less greenhouse gas.

IV/-METHODS:

STEP 1
In this farm we will use a set of stackable basins as habitat for palm weevil larvae. Since larvae in their natural state do not live in the open air and do not travel, then this small, lightless space seems to suit them.

STEP 2
Filling small stumps of local palm trees into Each of these little basins, their food in the wild to which nothing is added.

STEP 3
The basket is touched only twice during the life cycle of the weevils, the first to launch it with adult weevils and a food supply, the second to renew the food supply after about 20 days. As a result, the larvae live quite quickly in an environment of processed food.

V/- IMPACT

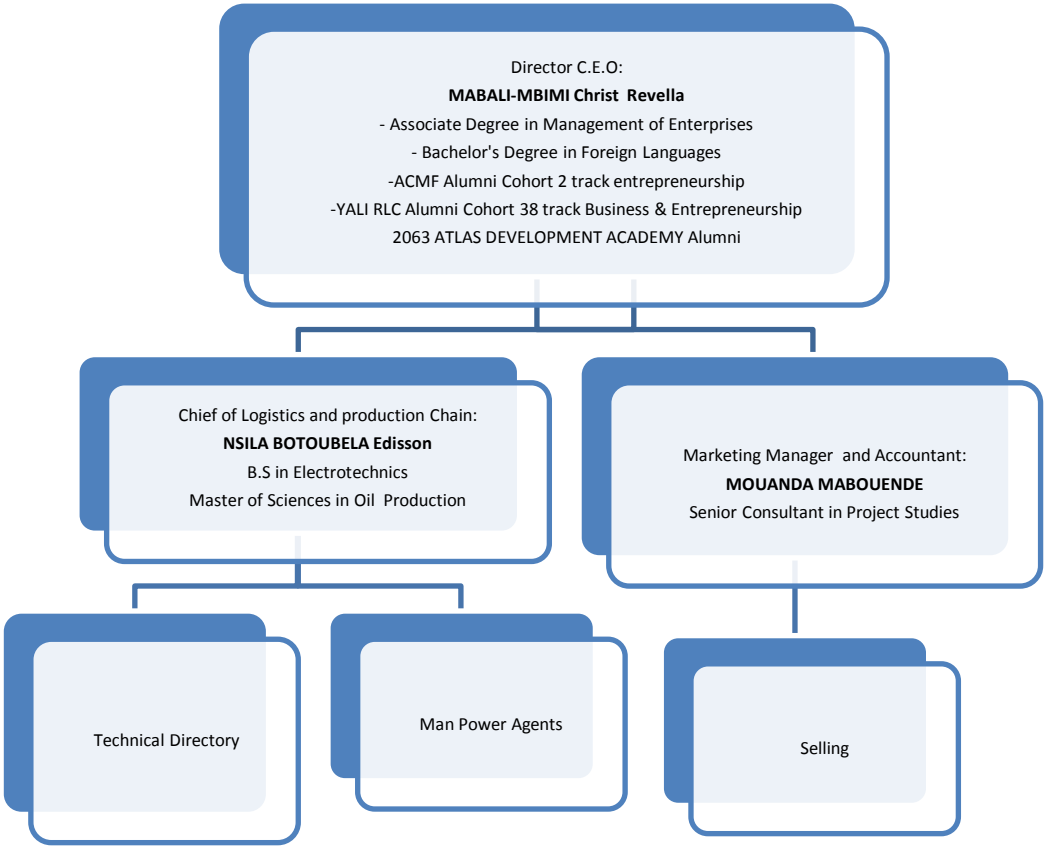
- ✓ Creating more than 100 direct jobs helping to optimize the national economy;
- ✓ Helping thousands of the poor to eat a balanced diet with a high caloric content;
- ✓ Becoming an industrial leader in the practice of entomology in Africa in 5 years.

VI/- INNOVATION

What makes our proposition value unique is that 'the Bio-industrial entomology farm is the very first company in Congo Brazzaville set up for the production of edible caterpillars and palm weevil larvae.

The said company intends to bring its trademark and innovation through its knowing-how while seeking to conquer the international market via the export of flour, cookies, oil and cans made from edible caterpillars and larvae of palm weevils. .

VII/- ORGANIZATION



VIII/- BUDGET

Facilities	$ 1500
Maintenance supplies	$ 300
Administrative supplies	$ 300
Rent and rental charges	$ 1000
Maintenance and maintenances	$ 150
Studies and research	$ 700
Documentation	$ 200
Fees	$ 1000
Advertisement	$150
Post and telecom	$300
Total	**$ 5600**
Requested Grant	**$1000**

PROTOTYPE

BIO FARMING INDUSTRY

PRODUCTION OF EDIBLE CATERPILLAR AND PALM WEEVIL LARVAES

PRODUCT MADE PALM WEEVIL LARVAES