

## PROJECT PAPER



**YOUTH IN AGRICULTURE FOR ECONOMIC DEVELOPMENT (YAED)**

**PROJECT NAME: UNLOCKING WEALTHY THROUGH PIG PRODUCTION**

**PROJECT TITLE: "BUY A RURAL YOUTH A PIG"**

**PIGGERY INCUBATION SCHEME**

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## 1. BACKGROUND OF THE ORGANIZATION

Youth in Agriculture for Economic Development (YAED) is a youth led and youth focused non-partisan, non-governmental organization whose mission is to harness the potential to create wealth through agriculture. The organization was born out of a working group of youth engaged in agriculture who sought to find ground breaking solutions to combat unemployment through agro based enterprises and address the problems arising from climate change by diversifying production. The organization was formed in January 2016 and is duly registered with the Malawi Government's Registrar act (cap: 5:03) as **The Registered Trustees of Youth in Agriculture for Economic Development (YAED) and affiliated with Ministry of Sports, Youth development and welfare under the Southern Region Youth Office.** YEAD is also in the process of registering with Council for Non Governmental Organizations in Malawi (CONGOMA) and is in the process of joining the NGO Board.

YAED is implementing agricultural projects in growing legumes (soybean) with the support from International Institute of Tropical Agriculture (IITA) under the project ***"Harvesting Wealth from the Soil through Soybean Seeds."*** The organisation is also implementing a project in rooting out malnutrition with Orange Fleshed sweet Potato (OFSP).

Furthermore, the organisation intends to implement a ***"Piggery Incubation Breeding Scheme"*** for pig production mainly targeting the youth.

The organisation operations have kept building momentum and a number of youth groups in Malawi have expressed interest in benefitting from these initiatives. YAED has registered progress in its operations and shall continue to engage more partners and other organizations to better its service delivery to the youth.

## 2. PROBLEM STATEMENT

Agriculture is crucial to the economic growth of many countries. It is the main source of income for around 2.5 billion people in the world (Annan, 2012). Globally, it is the world's largest job provider employing over 1.3 billion people (40 percent of the global workforce). At sub-Saharan African level, on average Agriculture generates approximately 15 percent of the total GDP (FAO, 2016), employs over 65% of the total labour workforce (AGRA 2015) and accounts for 40% of exports (UNEP, 2006).



Similarly, since independence in 1964, agriculture has been taken as mainstay of Malawi's economy and the driver of its economic growth (FAO, 2015). The agriculture sector contributes 42 percent of the national Gross Domestic Product (GDP), employs about 80 percent of the total workforce and contributes 75 percent of foreign exchange earnings (Yiwombe, 2016). Malawi's agricultural sector also supports the manufacturing industry by supplying 65 percent of the raw materials needed (GoM, 2007).

Youth unemployment and underemployment remain a challenge for the country, especially for youths seeking full-time, productive and decent employment opportunities (FAO, 2013). FAO further portends that underemployment is especially prevalent in the agricultural sector and in rural areas resulting in high working poverty at 74% of total employment. Africa's agricultural sector, Malawi included, is predominantly undertaken by the old and infirm – those that retired into rural areas as young people seek opportunities in the growing urban areas and their surroundings (SACAU, 2013). The youths' exodus out of rural areas also means exit from agriculture. It actually entails that the golden opportunity that lies behind it has not been fully embraced by the youths. The few that remain in rural areas are employed on a part time or casual basis due to the seasonality of certain crop enterprises including maize. They have limited managerial ability, limited capital and cannot commit to run their own business ideas with insufficient funds. Youths have not been able to access credit facilities as they are considered a risky clientele and thus remain in financial stagnation.

Against this background, Youths in Agriculture for Economic Development (YAED) proposes the **Construction of "Piggery Incubation Breeding Scheme"** that will offers youths an opportunity to unlock the hidden potential that agriculture can bring through the acquisition of relevant skills and inputs to enhance agribusiness. Youths will be motivated to practice agriculture on a full time basis to address the high levels of unemployment through pig production. The project gives an opportunity for the youths to raise pigs to address financial instability while ending extreme poverty. When youths start implementing agribusiness in the long run, they will be able to grow their capital, achieve food security from a production and economic perspective and ultimately improve their economic status.

### 3. PROJECT STRATEGY/APPROACH

As way of uplifting the livelihood of the youth YAED will open a "Piggery Incubation Breeding Scheme". After breeding, the pigs will be distributed among youth clubs in its catchment areas. YAED intends to embark on the project of piggery breeding scheme. The first phase will be the construction of the scheme and breeding of the pigs.



YAED will be involved into raising the piglets from birth until they are ready for distribution with intensive and requires high level of management skills.

The project will be done in Malawi – Chiradzulu District where youths are going to be identified based on a defined eligibility criteria. These youths are going to be identified through local leadership and organized into Community Youths Clubs where a club should own apig house verified by the chief. Each Community Youths Club will have 15 members that will efficiently run the pig enterprise supervised by senior officers from YAED. The clubs will be given an initial start up of to pigs.

As a startup, the organization will have 4 Community Youths Clubs in Chiradzulu. The benefiting club should have a pigsty and will be given four sows to breed.

YAED will also identify and explore potential markets where the youths will sell their pigs after reproducing. This way, the pilot phase is used as a self regenerating mechanism for the project to sustain itself among the targeted youths beyond the pilot period. This project will eventually grow the young entrepreneur’s capital base after sales and make the project sustainable in the long term.

#### **4. PROJECT PLAN**

Through the scheme, YAED will engage its targeted youth in trainings, capacity building, skills impartation, market linkages and strategic partnerships with key stakeholders. This is aimed at empowering youth to practically be engaged in agribusiness across the whole value chain.

There will be a professional management, field extension officers and technical experts to guide the youth in the practical and technical aspects of innovative agricultural initiatives. The organization will institute a professional management to ensure security and operations of the undertaking are done as required.

#### **5. Mission Statement**

Engaging likeminded youth in agriculture as a way of providing guidance and hands on information on agricultural and related projects as well linking youth to markets and facilitating funding for agriculture based projects for the country at large

#### **6. OBJECTIVES**

The overall objective of the project is in accordance with the Government Agricultural policy of increasing food production and diversification of the present farming system so as to attain sustainable food security and end extreme poverty.

##### **6.1 The specific objectives:**

- To raise livestock and strengthen the productive capacity of the youth members.



- To create a sense of awareness for the youths towards sustainable agriculture production and re-organize and strengthen the interest of youth in agribusiness.
- To engage youth in agriculture as a source of employment and wealth creation capable of providing career fulfilment.
- To provide a source of information on various viable agriculture projects by providing sample project templates including financial models and links to successful demonstration farms. These templates will showcase the high value opportunities that exist in various agricultural ventures in different sectors to show the youth what returns agriculture can offer them.
- To provide a platform for the youth to share their experiences and ideas concerning their agriculture undertakings. These are aimed at networking and improving agriculture practices.
- To provide and facilitate links to local markets for agriculture produce.
- To reduce the cost of agriculture undertakings by providing information on logistics such as transportation to enable youth engaged in agriculture take advantage of lower costs of business.
- To support strategic partnerships with the donor community, development agencies and the private sector to foster the adoption and advancement of agriculture among the youth.

As such the organization seeks a support of **US\$4555**. The financial support will be used to procure the following equipment for the commencement of the project.

## 7. PROJECT BUDGET

| #                  | ITEM   | QUANTITY | TOTAL (\$)  |
|--------------------|--|----------|-------------|
| 1                  | Bricks   | 40,000   | 600         |
| 2                  | Cement   | 35 bags  | 325         |
| 3                  | Roofing nails & Roofing nails                                      | 12kgs    | 35          |
| 4                  | Quarry stones  | 4 Tones  | 45          |
| 5                  | River sand   | 2 Trips  | 50          |
| 6                  | Steel doors protector Brick-force wire Shovels, Wheel barrows      | 10       | 500         |
| 7                  | Procurement of piglet for multiplication                           | 100      | 1000        |
| 8                  | Feed conversion<br>Ratio 1:1.5<br>25-20 % protein<br>2,000kgs/cage | 800kgs   | 2000        |
| <b>GRAND-TOTAL</b> |  |          | <b>4555</b> |

## 8. PIG BATCHES



Two batches of 30 pigs in each batch thus 60 pigs will be raised in the first year and will consequently get increased by 12% annually. The project will mostly employ the fattening method whereby small piglets weaned from sows will be distributed among the befitting youths who will breed and fatten to the recommended sale weights

## 9. PIG HOUSING

Trista which the organisation will raise is a hybrid type of pigs which require an intensive system of rearing. Pigs require a housing with strong walls and quarry-cement concrete floors that are easier to clean. Two pig house blocks with 5 rooms each will be constructed thus making a total of 10 rooms. Each room will have an area of 10.5 metres by 6.25 metres and will accommodate 10 pigs for a maximum of 6 months before.

### The project activities include

- Project planning & land identification
- Procurement of construction materials
- Construction of pigsty (**1<sup>ST</sup> phase**)
- Submission of project progress & expenditure report to the donor
- Completion of pigsty Construction (**2<sup>rd</sup> phase**)
- Management visits to project sites
- Procurement of piglets to breed
- Breeding of the pigs for multiplication
- Identification of the beneficiaries/ youths
- Piglet/sows distribution to beneficiaries
- Project quarterly Review Meetings
- Refresh training for targetted youths groups & delivery of the first cycle
- Monitoring and evaluation (M&E)

## 10. FEEDING

Pigs are mono gastric animals and they normally compete feed with humans in times of scarcity. This project will compute and prepare well balanced feed rations for piglets, growers and boars or sows. On average the piglets will be consuming about 0.5 – 0.8kgs, weaners 2kgs and boars/sows 4kgs every day.

## 11. CORE VALUES

The following are a set of values that guide the working of the organization

- Collaboration.
- Efficiency.
- Integrity.
- Sustainability.



- Empowerment.
- Innovation.

