

Our Plan to Scale

Target Location: Nigeria,

Target Time: Ten Years,

Initial Expenditure: 50 Million Naira,

Expected break even gross profit: 65 Million Naira,

Target Number of Partnership: 25-30,

Target Number of Investment: 120 persons/60 companies.

{The below plans is still under team review and approval to ensure we stay on board with our visions, missions and the current national happenings}

We intended to launch Trine Tech's very own **TRINE ARK**(which allows both Cassava farmers and processers to generate biogas and bio-fertilizer)to the Nigerian agricultural market. The **TRINE ARK**which is a simple device made out of locally available materials and requires little or no technical skills to operate, repair or maintain.{The trine ark currently has passed the idea stage and now is been moved to the sketching and actual building of the device and how it will actually meet the above details already given, properly.}

Now by the third to fifth year mark which we have set with our scales and proposed partnerships with key players in the agricultural market, wewould have

* Recorded a good percentage of our company growth,
* Successfully broken even making a reasonable gross profit,
* Launched Our Mobile app{this app enables us to expand into the ecommerce agriculture market without having to own the products or have a farm land of our own while we are still stabilizing ourselves as a company. This means we also start earning as a middle man in the agricultural sector}by the fourth year which is an online market that connects cassava farmers and processers/millers that own **TRINE ARK’s** to more buyers.
* Also partnering with transport companies to send the purchased cassava whether in the raw or processed form to the buyer.
* All securing and maximizing the profits of our affiliate farmers who have experienced a very good increase in farm yield and processer who have also experienced a reduction in the cost of production.

By our fifth year of operating in Nigeria with a sixty percentage increase in the total farm yield and the availability of affordable cassava products, we would have touched closed to four and a half million Nigerian lives across the nation.

Everything here achieves one of our core goals, that is, getting the average Nigerian farmer to see the great possibility of not only cassava but the power of using organic waste(especially farm or food waste).

Now based on this fact we then plan to fully unveil all of our products like our bio-domes, bio-generators, bio-dome catalyst{this is made out of a mix of locally available plants and then repackaged without using any special science machine or equipment then presented for sells, all ensuring we don’t spend much on the processing},class A bio-fertilizer repackaged for retail{this would be available, after we have been able to set up mini bio domes which will be powered by organic waste gathered from different communities in Nigeria and then repackaged in a way that makes it have the least possible smell and also mixed with a little loamy soil to enable the waste maintain its quality, quantity and richness }and many more. All this is done to help us diversify our income streams and our target customer stream, which now extend from farmers and food processers to families, hotels, restaurants, states and nations. {NOTE: All of these products are still under development but will be released to the public, when the time is right and when they have been able to pass the recommended safety and quality assurance tests}

In oureighth to ninth year of operation, we would have increased crop yield in Nigeria to over eighty-five percent and immensely increasing our client base / portfolio which have impacted up to nine million lives across Nigeria and other nations {All our products are sold through the normal existing payment systems and our subscription based payment system to allow people/farmers to purchase must products and pay over an agreed period of time without fear of being harmed or losing their properties.}.

By our tenth year, we intend to start setting up our bio-gas/ waste refinery and electricity generation station which when deployed will affect and increase our company society impact levels to eleven million plus people across the nation. {we plan that we will convert community wastes to bio-gas then just like petrol transport it to our partners via pipe line to refine and send back to us, where it will bestored and fed it to our industrial sized bio-generators, which will in turn generate electricity. We intend to commercialise the electricity generated by selling and sending it to commercial buyers like the EEDC,IKEJA ELECTRIC, etc at very affordable prices, therefore ensuring twenty-four hour power supply to the nation’s present occupants}. Hence,adding electricity to our portfolio of revenue stream.

All the above plans addresses the following SDGs

* Goal 2: Zero hunger,
* Goal 3: Good health and well being,
* Goal 6: Clean water and sanitation,
* Goal 7: Affordable and clean energy,
* Goal 8: Decent work and economic growth,
* Goal 11: Sustainable cities and communities,
* Goal 13: Climate action,
* Goal 15:Life on land,
* Goal 17: Partnerships to achieve the goal.

Our proposed partners/investors to achieve our scaling/ goal

* HULT PRIZE
* Tony Elumelu
* United Nations

{Partners for the commercial sale of our electricity}

* Ikeja Electric,
* EEDC,
* The Federal Government of Nigeria
* And many others in the future

NOTE: the reason why cassava is very essential to us is, in the long run, we intend to set up cassava farms and the starch from our cassava produce would be converted (by means of chemical mixing and processing) into a new type of plastic which is very bio-degradable, recyclable and causes no pollution when disposed. This new type of plastics is not well know of but exists and is being used around the world today. This type of plastics we believe would be very essential in saving the environment but we need the cassava starch to actually make it that is why we must ensure the increase in the yield of the cassava crop.