



FIRST EVER
DECENTRALIZED AGRICULTURAL FINANCE
COMPANY

INFUSING BLOCKCHAIN INTO AGRICULTURE

AgroLyte Ltd February 2019

Whitepaper 2.0



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EXECUTIVE SUMMARY

When it comes to Agriculture, it's a general knowledge that the current structure at which activities are being carried out are on the verge of breaking, Despite funding for over 7 billion persons and a market of about \$5 trillion only about 3% truly care about agriculture as a whole, with the current rate at which the system is collapsing and the global population is on a nonstop increase drastic climate changes affecting agricultural yield, livestock lifespan and foodstuffs quality and quantity, without including manmade inflicted damages and adverse negative effects of technological growth, Despite its numerous advantages to agriculture itself the negative impact is just too wholesome to control. Nevertheless all around the world, this little 3% is doing something about but just not enough. And this is what gave birth to the project AgroLyte.

**“Bigger than
Facebook and
Google Combined”**

AgroLyte is developing the first-ever decentralized agricultural finance company to checkmate these current flaws, finances are a major challenge when it comes to the agricultural industry but so many flaws the foundation of AgroLyte Ltd is being built on a revolutionized supply chain by infusing blockchain into agriculture.

“REVOLUTIONIZED SUPPLY CHAIN BY INFUSING BLOCKCHAIN INTO AGRICULTURE”

AgroLyte will be built to bridge the gap between borders, provide efficiency via financial services, transparency and traceability, and a near flawless supply chain.

In this paper, we will provide details on how this innovate revolution will occur and a detailed explanation of sideline projects to help achieve our goals, starting from the very top and a journey to a nonstop development after reading this paper you see why AgroLyte is Bigger than Facebook and Google Combined.

“A BETTER FOUNDATION FOR THE NEXT GENERATION AND A GREAT FOUNTAIN FOR NOW”



INTRODUCTION

Agricultural Finance was designated to ensure that Farmers and Agribusinesses will be able to improve and expand the utilization of Agriculture to the ultimatum. Nevertheless, Centralization has given limitations to the purpose of Agricultural finance and this is simply why AgroLyte Ltd is designed to take Charge.

AgroLyte is a Decentralized Agricultural Finance Company designed not only to provide financial aid but to ensure the provision and utilization of provided aids either financial or technological under a No Collateral System, Stress-Free Repayment and Reasonable Interest Rates.

“PROVIDING COLLATERAL FREE LOANS TO FARMERS AND AGRIBUSINESSES ANYWHERE IN THE WORLD.”

Agricultural Finance are currently being provided by Commercial Banks and Third Party Agencies providing Agricultural Finance in regions of their existence and probably in accordance to the 5Cs, Character, Capacity, Capital, Collateral and Conditions AgroLyte will be designed in Accordance to 4 of the 5Cs Replacing with a D for Decentralized, therefore, our Operating Protocol would be referred to as 4Cs and a D.

Being the First of our kind AgroLyte as a Decentralized Agricultural Finance Company will provide its lenders with Loans, Agricultural Equipment, Professional Advice, AI assists Systems, a marketplace and a lot more of which some will be mentioned alongside detail explanation of the Vision, Product and how we intend to achieve it.



ETHOS

AgroLyte Ltd first and foremost is designed to achieve a great ordeal in the Utilization of Blockchain Technology. As said in our one-pager we look forward to bringing blockchain to the largest sector in the World, Agriculture.

Our mission is solely to build an ecosystem that drastically reduces the difficulty of pre-possession and post possession of financial aid, to further widen the agricultural scope and encourage more individuals to Participate in Agribusinesses and Farming.

Effectively implementing a No collateral system in Agricultural Finance is beyond reasonable fact a game changer in terms of Agricultural Finance.

The Core Team at AgroLyte fully understands the essence of AgroLyte and the limitless positive change our project will instill in the world.

We are working tirelessly to build a community that fully understands the impact of our Ecosystem through approachability.

Our aim is to educate our users and community and to provide assistance from time to time to help with the evolution of Agriculture. With our guidance, we will take over Agriculture.

We (Community, Farmers, The entire Agricultural community) are going to create a project built on trust and complete transparency even in a decentralized community.



PROJECT TERMINOLOGIES

AAF Stands for AgroLyte Agricultural Finance this refers to all financial aids to be provided by AgroLyte to farmers and agribusinesses.

Farms Ratings: refers to the track record of every farm on the ecosystem, which will be a five rating system showing how great a particular farm is fairing containing every necessary detail from products made to annual returns.

Lenders: refer to holders of AgroLyte Token willingly to lend their tokens to the growth of a farm of their choice at a particular return after every farming season.

Lyte Scholars refers to users of the AgroLyte Library who signed up only to read, watch and study documents available on the platform and rate the information and point out errors opened to the public only.

Lyte Reviewers: just like scholars they are a set of people who review documents before it is being added to the library they work for AgroLyte Ltd.

Lyte Contributors refers to users of the AgroLyte Library who adds to the documents/information on the library based on category and format, getting rewarded after being reviewed.

Lyte Translators: users who get rewarded for translating information on the library to other languages and down to sign languages to meet up the needs of everyone in the world.

Library Generals: refers to users who are involved in every activity in the library except for reviewing as they are selected by AgroLyte Ltd.

Sellers: users of the AgroLyte Marketplaces who added their goods to be sold and open to buyers anywhere in the categorically and only agro-related goods.

Bidders: users who bid to purchase products on the marketplace the highest bidder gets the product.

AgroLyte Token: a utility token used to fuel all transactions on every platform owned and created by AgroLyte Ltd

AgroLyte Ecosystem: this refers to our infusion of blockchain in agriculture to eliminate the flaws of the supply chain.

“ENDLESS PURSUIT OF A REVOLUTIONIZED AGRICULTURAL INDUSTRY”



VISION EXPLAINED

We would like to theoretically illustrate the proposed AgroLyte's ecosystem and briefly look into a future including AgroLyte.

It's being a while since we embarked on this journey we like our community now, and soon in the future to have a glimpse of what AgroLyte is working to achieve by using a real-life situation on the lowest level of the Agricultural supply chain, a Farmer and let you do the rest.

Assuming Sir Fredrickson is a farmer planting corn for commercial purpose, Sir Fredrickson has been doing great on a small scale and has the feeling its high time he accomplishes his dream of taking his farm produces to a higher level, Sir Fred is now obviously looking to get a financial aid to make sure his dream comes true.

Sir Fred then considers AgroLyte Ltd to acquire financial aid from as it's obviously a nice option as he won't have to use his farmland or any other personal asset of his as collateral, Sir Fred tend to feel safer with this fact cleared. Sir Fred then tenders a loan request, On the Loan approval AgroLyte Ltd sends down a team to Sir Fred's Farm to have a general survey and make proper analysis in other to ensure Sir Fred will be able to get his loan paid as soon as possible, after this is done and Sir Fred accepts to terms and professional advice.

AgroLyte will then provide Sir Fred with the best of the best in the market in terms of technology such as tractors, drones, robotics also including microbiome tech to ensure farm produces survives harsh weather, considering climate change, 100% Efficient Farm precision monitoring system powered by Blockchain technology, regular visits from professional's and advice a click away from him, Amazing Repayment structure, complete transparency alongside a suitable and profitable marketplace to get his harvest sold fast and securely, and lot more not mentioned, AgroLyte will be there with Sir Fred till the very end and ensure Sir Fred is not worked up about paying back the loan.



Here is the most interesting part we like you reading now to imagine a community where every farmer has the privilege of what Sir Fred Just got from AgroLyte, then a city, a country, a continent and lastly the entire world, Also the impact on people looking to start up a commercial farm, agribusinesses around the world and lastly the generation to come. We hope you can see it, if yes that's exactly what we at AgroLyte Ltd Saw.

Don't get carried away we said briefly, with this we believe that a greener world awaits and the vision is bright.

The Journey Might be Far

But it starts now with you.

"A GREENER WORLD AWAITS"



PROBLEMS

When it comes to the agricultural industry the flaws are numerous below a breakdown of the most influential problems of which when solved will have a great positive impact on the entire chain.

Nevertheless, there are regular solutions to be taken to help solve the problems in the agricultural industry, the ratio at which regions need it differs and only a project like AgroLyte Ltd can foster a quick and positive change across regions.

“BY 2050 GLOBAL POPULATION WILL SURPASS NINE BILLION. THIS MEANS FARMERS WILL NEED TO PRODUCE 70% MORE FOOD ON LESS LAND THAN EVER BEFORE.”

- **Efficiency:** referring to the entire agricultural supply chain efficiency is at its lowest and far below expected, considering the current level of civilization the results are poor and if attention is not paid the effects will be disastrous.
Due to the fact that the current network is very expensive to maintain, wastage and lack of enough information, which depreciate the enthusiasm of farmers as they lack all the necessity required to keep their various farmers running and it complete defers in various regions In Africa its efficiency is at its worst as farmers are paid the least attention by the various government. Agricultural Enthusiasm by the youths is falling drastically as everyone tends to seek a white collar job and the current agricultural workforce is losing it literally. An innovation is thereby needed drastically.

“AGRICULTURE HAS THE LONGEST SUPPLY CHAIN THEREBY HAS THE MOST FLAWS”

- **Productivity Maximization:** according to our estimate the current market size of agriculture is \$5 trillion and most likely more with this huge budget the agricultural industry is supposed to provide enough food for the population of 9 billion but still is struggling to provide for 7 billion persons. Down by 20% or even more as it is the flaws in productivity maximization is considerably not impressive. Farms are not reaching their potential due to either lack of finance, workforce, lack of information and education, labor, weather condition, etc.
If the current change is free of these flaws maximization will be soaring and be at its highest improving the cost of living and production to be fully maximized. These can be



achieved with an innovation that truly cares and AgroLyte is one of them which will give birth to a whole lot more.

“AGRICULTURE DESERVES A LOT MORE, AGROLYTE IS JUST ONE OF WHAT ITS NEED”

- **Timing and Speed:** One of the slowest industries is the agricultural industry, despite the amount of time required to wait for planting, growing, harvesting, processing, and packaging products. One will assume there is enough time to get ready but it's the other way around. In developed countries, the time taken is considerably fast but when it comes to developing countries and underdeveloped countries it is a completely different story as the time taken only to plant is so much that they most likely miss the perfect timing which in turn affects the productivity of the farm. Most assume that with the current level at which the world has grown technologically flaws like this are not of noted impact, but with most of the important products coming from these underutilized countries it's impossible for a firm like AgroLyte to skip this fact at note it as unnecessary. The truth is that most of these regions either don't have enough funds to acquire equipment needed to boost their speed and meet up with the perfect timing or generally have no clue how to acquire or even not aware of the existence of this equipment. The negative effects caused by timing and spend cannot be contained in a few paragraphs as it affects a large section of the world
- **Education:** the biggest problem there is in the Agricultural Sector around the world is knowledge, as most agricultural activities are done in the remote part in each region of the world, thereby educational and information related software are not available mostly to farmers and agribusinesses located in Africa and Asia. This has posed to be a major setback to farmers and agribusinesses that tend to expand and grow their knowledge scope to in turn grow their business, maximize their potential and try new things. With all the information available currently in the world and technological advancement worldwide it is a surprising fact that there is no archive of agricultural information and it's a disappointment in our perspective.

“MOST AGRICULTURAL ACTIVITIES TAKES PLACE IN REMOTE PARTS OF EACH REGION WHERE ACCESS TO INFORMATION ARE AT ITS LOWEST”

- **Financial Aid:** Using Nigeria as an example of a yearly budget less than 3% is allocated to agriculture of which less than half actually gets to the agricultural industry despite

contributing over 30% of its GDP. Without a doubt these figures are discouraging and the



rate people are leaving the industry due to lack of finance and stagnant due to the inability to expand is ever rising.

Finance is the only factor that keeps the world running and can help sustain the agricultural industry for what is to come, how it is to come and the effect of it arriving.

**"A MORE STRUCTURAL AGRICULTURAL
FINANCE MIGHT BE ALL WE NEED TO HAVE
A MORE EFFICIENT AGRICULTURAL
INDUSTRY"**

- **Market Indecisiveness:** we had stated earlier that the agricultural supply chain is the longest and also the market is the most indecisive as one cannot predict the situation of the market due to all intricacies that surround the market. It has one of the most fluctuating rates and since most activities are performed by middlemen the unreliable and disappointment rate is at its highest leading to the loss of time causing businesses to either lose money to spoilage or rate that is not worth it.

It's general knowledge in the finance world that there is nothing like a very stable and more decisive market as it attracts investors and when it comes to the agro-industry it's a great step to achieving a more unique and productive network.

**"IN GENERAL THE AGRICULTURAL INDUSTRY IS
UNDERUTILIZED; UNDERFUNDED AND LESS ATTENTION IS
BEING PAID TO THE NETWORK AS A WHOLE IS VERY BAD BY
THE GOVERNMENT AND PEOPLE ALIKE AS IT IS THE SOURCE
OF SURVIVAL ON EARTH AND ITS HIGH TIME SOMETHING IS
DONE ABOUT IT."**



AGROLYTE LTD

Ecosystem

AgroLyte Ecosystem has been repeatedly stated to be created to ensure the provision of Financial Aid to Farmers and Agribusinesses around the world. Nevertheless, it goes beyond that aside providing loans the Ecosystem has a primary purpose of ensuring a stress-free period during the acquired loan period.

This follows a series of nearly endless development to ensure a perfectly safe, easily accessible and working platform to adapt to present and future agricultural demands.

We like to state here that AgroLyte Ecosystem will not be limited to just Finance, but limitless as long as Agriculture is concerned.

Our Ecosystem is designed to bridge the distance between the sections of the agriculture industry eliminating middlemen and ensure easy, fast and reliable access across the chain.

KYC/AML: Our ecosystem despite been accessible anywhere in the world will be limited to one account per person, it will be one of the fastest and easiest verification method there is on the net.





BLOCKCHAIN IMPLEMENTATION

Ethereum Blockchain Token

AgroLyte Token is an ERC-20 token developed on the Ethereum network via smart contract and essentially benefiting from the pre-existing Blockchain infrastructure developed by Ethereum Community Nevertheless the AgroLyte Team is looking forward to a Blockchain Network of its own.

Which will be the fuel of all transactions performed on the entire ecosystem and creates a borderless payment network completely decentralized.

The token will be open to periodical re-modification to create a more secure means of transaction and also will go through periodical audits by our security partner all to ensure security at its highest.

For the moment we are currently convenient with the endless capabilities and application of the Ethereum network.

Smart Contracts

A smart contract is a computer protocol intended to digitally facilitate, verify, or enforce the negotiation or performance of a contract. Smart contracts allow the performance of credible transactions without third parties. These transactions are traceable and irreversible.

Smart contracts will be implemented in various parts of our ecosystem to properly facilitate activities on our platform to ensure a more reliable way to do work around our large network.

"BLOCKCHAIN IS THE FUTURE AND CANNOT BE LEFT OUT IN THE MOST REVOLUTIONARY PROJECT IN THE AGRICULTURAL INDUSTRY."



AGROLYTE AGRICULTURAL FINANCE (AAF)

Understanding the intricacies of Agriculture has being on the major reasons commercial banks tend to flop when providing loans to farmers or Agribusinesses, but since there is collateral in place banks tend not to be bothered about loans provided therefore a lot of farmers and agribusiness tend to get shut down and lose their properties to be auctioned out to probably buyers not interested in Agriculture therefore an important unit tend to lose.

When providing Agricultural Finance it is important to understand the risks involved in other to tackle it as Agriculture deals with Nature such as weather change, pest infestation, and disease outbreaks also the fact that Crop prices vary throughout a season.

Since most lenders lack proper monitoring, credit risk assessment and inconvenient repayment processes, Agribusinesses and farmers tend to lose interest in acquiring loans which in turns affect the growth rate of Agriculture on a Global scale. Therefore it's important to adopt a system that tackles these Problems with immense ease.

AAF is to designed to tackle all the flaws affecting the provision of Agricultural Finance and since it's our area of concentration and expertise we look to forward to perfectly executing it.

With the help of a monitoring system to identify issues earlier on and prompt corrective action will be taken and each lender gets assigned to professional advice just a click away to assist also AI's to ensure nothing is left untouched.

Under AgroLyte Agricultural Finance we look forward to a system where the value chain of products being financed are studied and to understand risks involved, how to properly managed them including Price Risk, Yield Risk through good agricultural practices and insurance.

All types of Agricultural Finance will be provided under AAF of which a few are mentioned below.

Asset and Vehicle Finance: AgroLyte will provide all services regarding agricultural assets financing, this will include Asset Refinance, Equipment Leasing, etc.

Livestock Finance: AgroLyte will provide farmers with finance to increase their livestock and thereby increase farm products.



Green Energy Project Finance: AgroLyte is in full support of the use of renewable energy and is willing to provide financial aid to all Sustainable energy projects.

Land and Property Management Finance: AgroLyte will provide Financial Aid to farmers to get their farmland equipment back in shape and also to maintain it.

Startup Loan Finance: AgroLyte will provide loans to start up farmers, so as to enhance the growth of agriculture and also ease the usual difficulty of starting a standard commercial farm.

Basic Benefits of AgroLyte Agricultural Finance (AAF)

- 1) Decentralized Aid Provision.
- 2) Expert Finance Advice.
- 3) Best Interest Rate.
- 4) Repayment Structure is Convenient.
- 5) No Collaterals etc.

Additional

Lenders: a section in our ecosystem will allow users to lend their AgroLyte Token to farmers and agribusinesses with an expected return and a rating system to help them make the right choice.

This is will be completely safe and open to everyone as long as they are interested in Lending.

"AGRICULTURAL FINANCE PROVIDED THROUGHOUT THE ENTIRE WORLD COLLATERAL FREE AND HIGHLY SECURE."



AGROLYTE MARKETPLACE

After a good year work and the crops financed are ready to be harvested also products financed are manufactured and some returns made, it's high time raw farm produce gets to processing companies and finished goods to consumers as soon as possible to avoid minimize loss In most cases middlemen are required which automatically tends to reduce returns to be made, and cases, where middlemen are not needed it possible goods take longer time to get to the market and market value of products, tend to reduce.

AgroLyte Marketplace is to be designed to ensure lenders immediately harvested and products get processed and ready for sale get to the market immediately under a No Middlemen Policy and thereby maximize the value of a product down the chain increasing the ability of the farmer or agribusiness to repay the loan under a completely stress-free environment.

Despite been categorized and open to agricultural related products goods are bided for and sold to the highest bidder for open sales and different sections will be open to make the marketplace a complete agro-based market.

“AN INSTANT MARKETPLACE FOR AGRO-RELATED GOODS TO AVOID WASTAGE, CREATE EASE AND MAXIMISE PROFITS”

AGROLYTE E-LIBRARY

“THE FIRST EVER ARCHIVE OF AGRICULTURAL INFORMATION.”

The Electronic is going to be the first of its type whose growth will be a collective work between AgroLyte and the general public with as many categories there is.

The library will be an archive where farmers, agro enthusiasts, scholars, translators, contributors, and our reviewers can actually make a noted deposit of information they like to share and still get paid to do it.

Despite being the first of its kind it will be the sleekest, largest and easy to use.



AFTER EFFECT

Potential Maximization: the current lands available will be utilized to their maximum potential with the help of our project and lands yet unused will be able to get used. Framers and Agribusinesses will also be able to utilize practices that will enhance the productivity of their various farms and businesses. Without any doubt, if the potential of each agro-related business is at its peak the effect will be nothing the world can hide from and that is exactly what we are fostering at AgroLyte Ltd.

Increased Efficiency in the Supply Chain: Bridging the gap across the agricultural chain will boost the efficiency rate at which work is done across the chain. This will create a chance of double returns of what is supposed to be once yearly and reduce the cost of time wastage which includes product loss to price fluctuation, spoilage, etc.

Information Availability: the AgroLyte E-Library will, as a matter of fact, increase the awareness of farmers, increase literacy and open a chance for businesses to try new ideas and share theirs. This will be of an extremely positive impact as information will spread like wildfire and available to everyone in every language possible. This will make sure that languages, regions, and distance are no longer a barrier to slow the growth of the Industry down.

Profit Maximization: when everything needed to get running are available, distance and speed are no longer a barrier it is guaranteed that profit maximized will be soaring. Creating more avenues to expand to various sections in the industry and still maximize profits in the new section making much more and expanding the horoscope of the industry as a whole.

Jobs Creation: AgroLyte project will create an avenue for those not yet to utilize skills learned in the industry put them to good use getting more hands on deck and when more hands are on deck the faster the train move and the industry expands.



Reduced Cost of Production and Maintenance: Production cost will be on the drop as middlemen who inflates the rate are out of the circle which will, in turn, increase the quantity of products output across the entire chain

Reduced Global Hunger Rate: The more food the lesser it is to afford them, the more it is available to everyone everywhere which will reduce death and sickness rate caused by malnutrition creating a better world for us to leave in.

Future Secured: Our project will help future generations make easy and stress-free decisions when it comes to joining the industry as it will be less hectic and more encouraging thereby securing the future of the population here on earth.

**“THE IMPACT OF THE AGROLYTE PROJECT
THOSE NOT END HERE, IT JUST BEGINS**



DISCLAIMER

This presentation is specifically for informational purposes, and shall not be considered a solicitation or an advert to buy or sell any security now and in the future, and also not investment advice to anyone.

The projection made in this document is futuristic based and is not judged by past performances estimate made are a sure indication of the future information written down are reliable and most likely accurate but no assumptions are being made as information differs.

We will also like to inform the general public that there will be periodic changes to our whitepaper as some new information's will be added and some changes made nevertheless note that everything done is for the good of the AgroLyte as Project and to better serve you.



CONCLUSION

Despite our target to increase the agricultural produce save 20% by 2050, the benefits of our project are endless, limitless and of cause revolutionary. Starting from the radical speed it will add to the agricultural industry supply chain, down to the archive of information available to everyone, to the millions of farms which full potential will be maximized, to the number of agribusiness whose businesses will be everblooming, the number of jobs to created by our project and to the better chance provided to the 737 Million people who cannot afford a decent meal.

Without a doubt it is an arguable topic that the current agricultural chain is filled with faults notwithstanding the revolution will begin with our project as it's a lifelong fight to create a better future.

Blockchain technology is the future and AgroLyte project is designed to infuse this futuristic technology into the agricultural world and no stone will be left unturned every single to be taken in the agricultural chain is soon be decentralized, transparent, traceable, fast, secure and near instant.

“IT DOES NOT END HERE”