



Infusing Blockchain  
into  
Agriculture.

**WHITEPAPER  
V1.0**

**AgroLyte Ltd**  
[www.agrolyte.com](http://www.agrolyte.com)

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# 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.

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 Block chain Technology. As said in our one-pager we look forward to bringing block chain 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 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 instil in the world. We are working tirelessly to build a community that fully understands the impact 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

AgroLyte

project built on trust and complete transparency even in a decentralized community.

## AgroLyte - The 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 being 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



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.



# AgroLyte Token

The AgroLyte Token (AGR) will be the used for every product and services to be offered on AgroLyte's Ecosystem.

This implies that AgroLyte Token will be used to provide Financial Aid around the world being a decentralized means of exchange which Blockchain technology has made possible under the Ethereum Network. AgroLyte Token will be able to reach Agribusinesses and Farmers anywhere they may be in the world.

## Airdrops

Our Airdrops where strictly organized to ensure more exposure for our project as a whole, an agreed amount of AGR is gifted to participants for partaking in simple tasks, basically are airdrops are organized for marketing and also achieving a few goals through the help of our community. Nevertheless it is ensured that amount gifted out completely have no effect on the proposed outcome of our Ecosystem.

## AgroLyte Community Contest

Our Team had decided that periodic Contest are performed to the reach the heart of our community and ensure participation in our World Changing Project, and so as to let you know that you are a Big part of the Infusion.



## **AgroLyte Initial Coin Offering**

Due to the unique structure of the Ethereum Network through a smart contract, we are able to fulfill a very important aspect of our Ecosystem Transparency via a Self Drop ICO which is completely automated open to any individual anywhere in the world. The Funds raised during the Initial Coin Offering is to be allocated to the development of AgroLyte Ecosystem.

### **ICO Basic Information**

Default Exchange Rate: 1ETH - 3,000,000AGR

Minimum Investment: 0.01ETH

Softcap: 600ETH

Hardcap: 1,680ETH

Timeline: October 5<sup>th</sup> - November 11<sup>th</sup>





# 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.

## Blockchain

### 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 its own.

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



## **Agricultural Finance**

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 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.

### **AgroLyte Agricultural Finance (AAF)**

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 monitoring system to identify issues earlier on and prompt corrective action will be taken and each lender get 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.

## **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, its 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

## **Partnership Plans**

When picking partners it important to note the benefits to be gained from both companies and ensure it's mutual, we like to inform our community and you reading now that we look forward to partners of mutual benefits and immense importance to the Future of AgroLyte Ltd.



## **Development**

AgroLyte's Ecosystem is to be designed to ensure that users have a great time and convenience when surfing through the entire platform. Beyond reasonable doubt, there is a lot to work on and our team is working tirelessly to make this dream of a lifetime a complete success and in due relating to our roadmap.

### **Mobile Wallets**

AgroLyte Token will have its own wallet which will be 100 percent secure to store, receive, send and buy with credit cards with complete ease. The mobile wallet will also be enabled to store our mother currency Ethereum and other ERC-20 Token.

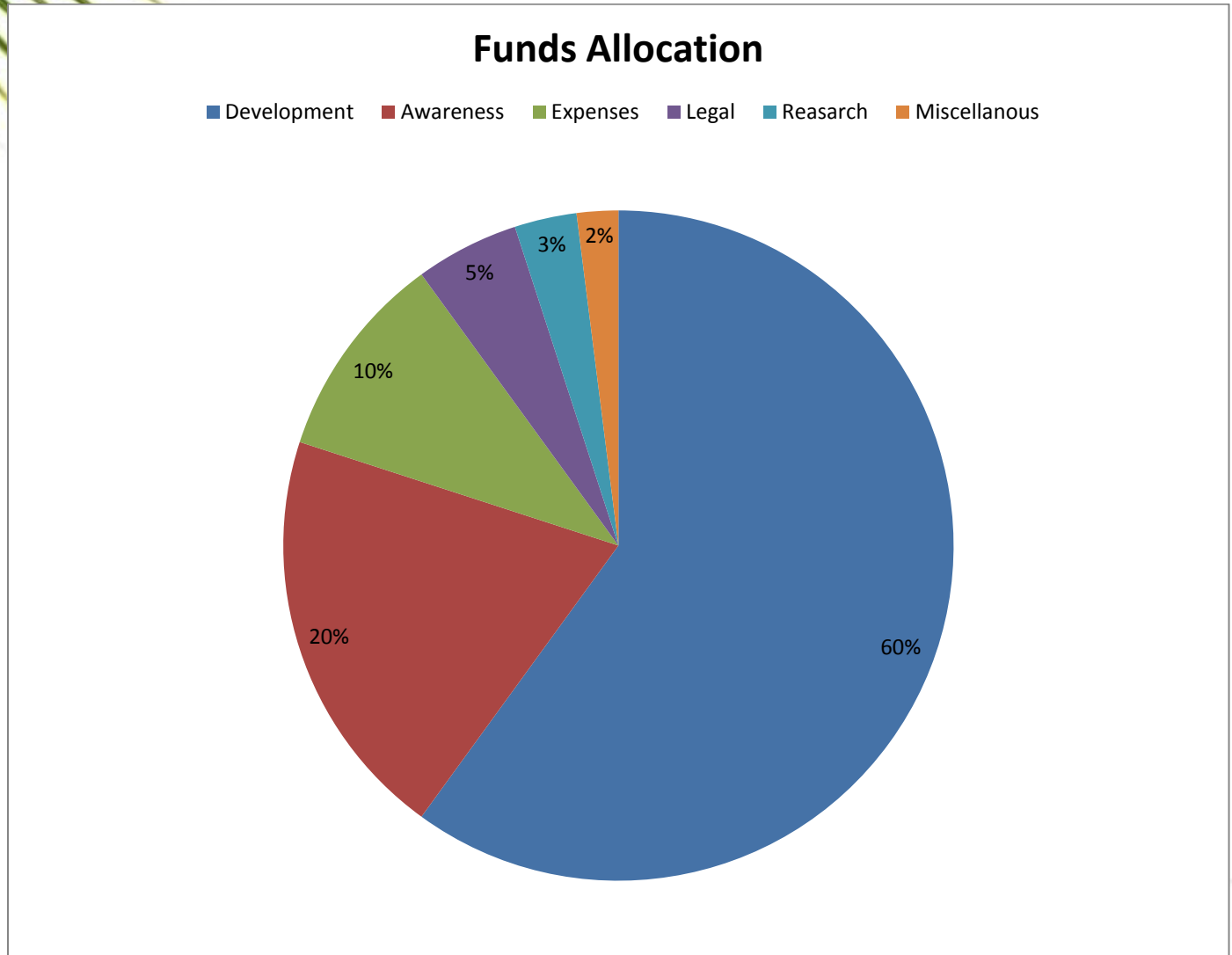
### **AI Implementation**

To further achieve our goal our team is working to implement Artificial Intelligence in some basic activities done on the farm mainly Farm Precision to effectively manage and monitor activities on the farm 24/7 in combination with Blockchain technology.



## Initial Coin Offering Funds Allocation

Below is a Pie Chart Representation showing the distribution of funds to be raised during the ICO.



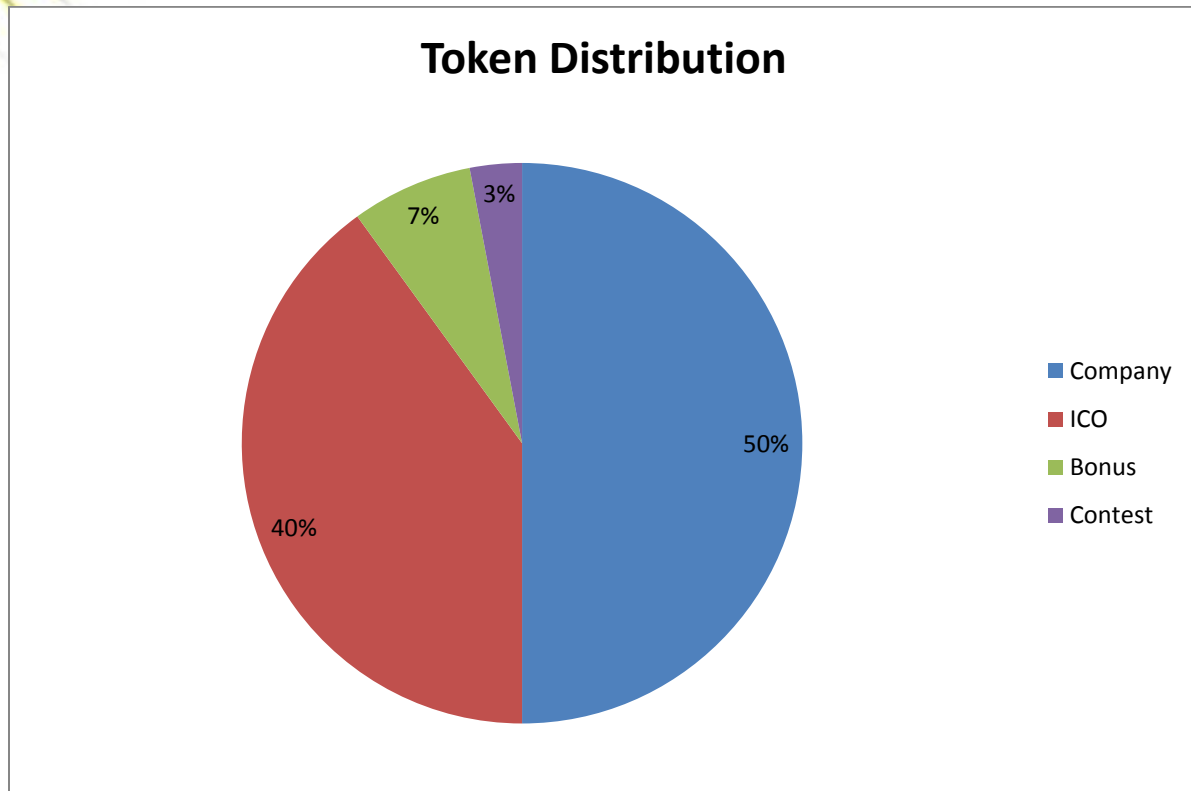


## Token Distribution

Below is a Pie Chart Representation showing the distribution of tokens.

Total Supply: 4 Billion

Note: No Token will be burnt.



## Roadmap

### Q3 2018

- Airdrop and Pre ICO Contest
- Main Sale Begins
- Whitepaper Release

### Q4 2018

- Main sale Concluded
- Exchange Listing
- Mobile Wallet Release

### Q1 2019

- AgroLyte Global Hackathon
- AgroLyte Summit

### Q2 2019

- Global Awareness (FarmersEducation) Campaign
- Operation Infuse Blockchain into Agriculture (OIBA) Begins

### Q3 2019

- AgroLyte Worldwide Alpha Release Summit alongside
- AAF Open to All

### Q1 2020

- Swap to AgroLyte Blockchain



- Beta Release

Q2 2020

- Technical Upgrades

- Grand Launch of AgroLyte Farms

## **Disclaimer**

We 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.

**AgroLyte Ltd Whitepaper V1.0**

