



THE PLATFORM THAT AIMS TO BUILD OUT THE ALGORAND ECOSYSTEM

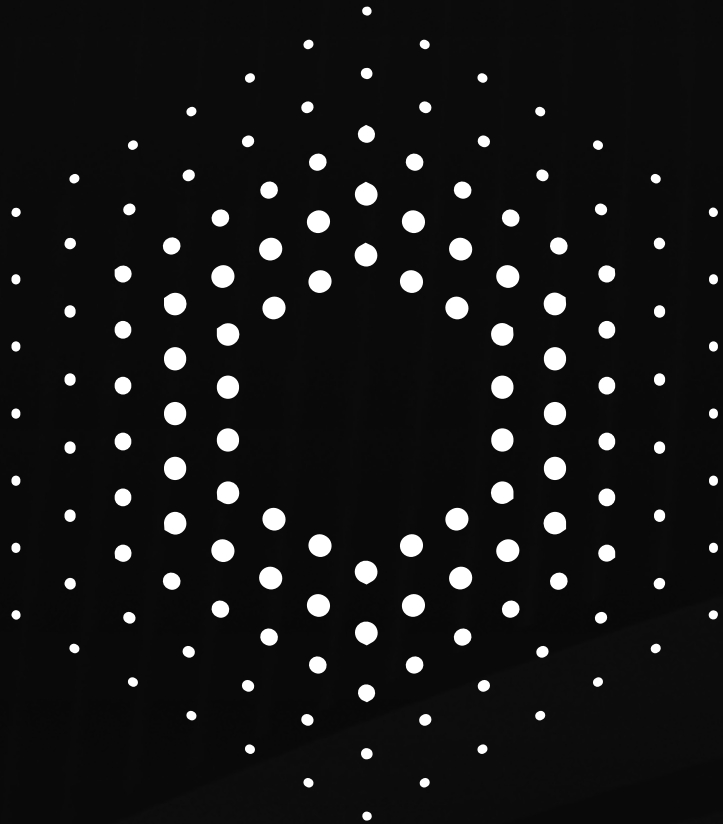
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ABSTRACT

Algorithm breaks ground pioneering within the worlds of traditional finance (TradFi), decentralized finance (DeFi), and ultimately the core underlying principles of various exponentially growing markets of cryptocurrencies. Built on top of highly advanced technology functioning through dispensable computational computing power that is Algorand, the Algorithm decentralized platform merges with the pioneers of “FutureFi”, providing the world with highly competent and safe-guarded means to access a centralized financial system all while functioning and encompassing a decentralized identity springboarding various DeFi projects onto exclusive Algorand ecosystems.



ALGORITHM



INTRODUCTION

Year after year cryptocurrency is gaining experienced maturity and deeper foundations – whether those foundations are built upon Layer 1(L1) blockchains or whether they are intertwined to function within Layer 2(L2) or Layer 3(L3) protocols while based on various dApps is up to its creators and those individuals and groups involved within those communities pursuing entry into these diverse communities.

A handful of projects have lived up to their roadmap projections, providing results so that cryptocurrency can experience a healthy maturity while laying the pavement for conceptualization to become the solidified groundwork for the blockchain technology that we experience today. Other individual proposals have provided just that, individualistic results, or a lack thereof. Front and center, the world faces a technologically backed blockchain waltz between effective vs. ineffective launchpads. We quickly come to realize that finance, ultimately, needs not centralization but rather openness and unity. Projects need not launchpads, but rather a developed suite of exclusive products that are able to ultimately scale and foster ecosystems, all while providing these necessary results to the general masses.

As the Algorand blockchain progresses its throughput capabilities and various initiatives, users of Algorithm will no longer require seeking through a multitude of dApps to scale projects and compromise their core principles. Algorithm solves for the various instabilities that dApps give rise to and provides projects with the means and capabilities to function in an effective-yet secure, functional-while scalable, deterministically final-yet decentralized manner, ultimately providing true significance and worthwhile success to founders, projects, their communities, and the crypto-ecosystem as unified secure, scalable, and decentralized conglomerate.

THE PROBLEMS WITH LAUNCHPADS

Applications enabled by smart contracts have grown the DeFi market cap to a staggering \$1.1 Trillion while Total Value Locked (TVL) is greater than \$150 Billion in liquid assets. No one blockchain or launchpad for that matter solves for the issues facing scalability, security, and decentralization. The launchpad of today suffers because it still possesses some degrees of centralization causing the basic underlying principles of cryptocurrency and DeFi to submit to compromise to the current state of affairs. The problem itself lies in the definition of a launchpad. It is simply that, a basic platform that attempts to launch a project all while focused on self-seeking motives such as profits and investment return.

As Algorithm comes to market, we set ourselves apart from launchpads, in effect mitigating the “Blockchain Trilemma” itself. Users of Algorithm will start to see effective results providing scalability, security, and decentralization all without negotiation. Willingness to accept a tradeoff between the three equal principles is a major concern and cause for the failure of cryptographic blockchain technology. Partnered together, Algorand and Algorithm provide the solution so that decentralized systems may continue to function in which the users and securers of the network are one in the same. This uniformity between the two parties involved empowers ultimate security of the overall network thus becoming the ultimate responsibility of everyone involved.[i] Algorithm solidifies itself within the crypto space and effectively moves the needle within the Algorand ecosystem, while providing the necessary code for effective community engagement from token holders and contributors through our various game-changing products and overall design. This allows for inclusion, participation, scalability, and transparency for everyone involved creating a healthy and robust overall ecosystem.

AN INSIGHT INTO ALGORAND

The technological dissection and anatomical structure of Algorand quickly shows that it is more than just a simple money platform implementing a public ledger. Algorand places all of finance and its varying complex counterparts under a microscope to find that at its core, DeFi and TradFi are at risk for a lack of scalability if the continued model of crypto development progresses. Shining light onto this novel mentality, Algorand takes the World out of the “financial dark age” and is quick to realize that TradFi is ultimately longing to get into the sphere of DeFi. However, an irregularity exists and is in plain sight. There needs to be a ground up approach so that blockchain technology can ultimately form, function, and protect TradFi from various scams and security threats while providing strong lightning speed transactional output, ultimately scaling the overall financial system itself.



Embedded deep within its code, Algorand functions as the first and only carbon negative smart contract system.

This foundation itself proves to be an aiding factor for the safety and longevity of our planet. Once the world is secure, so too is blockchain, finance, and its users.

Taking matters into their own hands even further, Algorand sets itself apart from every other actor through the use of its Algorand Virtual Machine (AVM).

Independent of Ethereum, Algorand is fully functioning providing great use cases to its users such as:

- ◊ High Speed transactional output (>1,000 TPS under 4.5 second block creation, with expected speeds to reach >46,000 TPS)

- ◊ Inexpensive output cost (.001 Algos per each transaction)

- ◊ Functioning in a forkless and secure nature, thus producing just 1 final confirmation

In unison with the AVM, Algorand solidifies itself and Proof of Stake (POS) through its innovative Pure Proof of Stake (PPoS) authority built on the beliefs of fairness, inclusiveness, and pure algorithmic behaviors. Through PPoS, cryptographic sortition becomes prevalent and vital for the ultimate success of Algorand. Within sortition, users secretly select themselves to participate within the consensus protocol, all while remaining anonymous to everyone else involved.

Adding further layers of security and secrecy, even potential bad actors are prevented from hacking this safeguarded process. This ultimately creates the consensus that Algorand is the network, for the network[iii]. With the network so deeply involved and at its forefront to succeed while scaling into more advanced features and capabilities, Algorand keeps its laser focus on a core concept while protecting ultimate mainstream adoption. It moves away from multi-chain capabilities and other layers of cryptography, and instead provides its attention and advancements to its L1 protocol structure.

In effect Algorand's smart contracts execute on chain and are integrated within Algorand L1 inheriting the same powerful speed, scale, finality, and security as the Algorand platform itself providing cost effective and error free benefits.[iii]

Algorand is unique and inclusively built so as to not discriminate nor cause any blockades on what types of assets are permitted to be built upon the blockchain. Furthermore, Algorand understands that use cases will vary for various institutions, necessary derivatives, and their asset classes. With this in mind, Algorand provides Atomic Transfers so that various groups of assets are able to be simultaneously transferred within multiple various parties.

Algorand is a truly innovative, forward-looking technology that is becoming a powerhouse within crypto and an ultimate competitor to Bitcoin, Ethereum, and varying alternatives.

THE OPPORTUNITY

In August 2021, total DeFi TVL reached an all-time high of \$156.07 Billion.

The data shows we can make finance more open, but it also shows we haven't touched the surface of what's possible. The increased activity has also resulted in greater activity across several protocols, and thus higher fees and speed. In response to this, we've seen the rise in bridges and layer 2 scaling solutions, where in some cases, decentralization becomes sacrificed.

We share the general thesis that Algorand's network assurances will attract a swarm of capital and talent from TradFi who historically were able to deploy on riskier networks, allowing us to focus on the next decade of financial deployments.



THE CURRENT STATE OF THE ALGORAND ECOSYSTEM

Today, Algorand has surpassed 10 million accounts and is posting an average of 500,000 transactions per day with more than 500 global organizations leveraging its technology. Algorand is enabling the simple creation of next generation financial products, protocols and exchange of value across DeFi, NFTs, TradFi and Governments. Algorand's consensus algorithm makes it the premier high-performance layer-1 solution, positioned at the forefront of merging DeFi and TradFi applications, without sacrificing decentralization.

We've also seen examples of companies using Algorand outside of DeFi. Recently SIAE launched more than 4 million NFTs for ~95,000 creators on Algorand. Whilst Algorand is demonstrating growth on its network, we see the need to build out the ecosystem and see more protocols being put in the hands of users.

To shed further light onto the Algorand ecosystem it is important to mention Algorand's mission of inclusivity and effective partnership with top tier wallets, exchanges, stablecoins and payments service providers, and even exchanges supporting Algorand Standard Assets (ASA's). As organizations such as Binance, Blockchain.com, Coinbase, Crypto.com, Huobi, Kucoin, Okex and Tether all flock to join the Algorand ecosystem, it is clear that partnership between these various organizations is the solidification of a strong and robust Algorand ecosystem.

Algorand understands that the world is becoming thoroughly complex as each day passes. With a rise in complexity comes a basic need for simplicity and modernization. Algorand enables an uncomplicated and unembellished creation of next generation financial products, protocols, and exchange of value across multiple layers such as DeFi, financial institutions, and even governments.

Irrefutably, finance is able to develop so that it is even further opened up and accessible for the World. We see this desire of openness and integration through the rapid rise of TVL. In response to this leap of development, the crypto community has seen increased activity in bridges and L2 scaling attempts where in some situations these attempts are sacrificing decentralization.

INTRODUCING ALGORITHM

Algorithm is the first decentralized platform that looks to expand and build out the Algorand ecosystem. Algorithm aims to capture all aspects of FutureFi with a simple mission – To remove all issues and roadblocks that are causing tradeoffs between decentralization, performance, and security.

Our first product is a decentralized “Y-Combinator” springboard that allows participants of the Algorand community to contribute to selected protocols being built on Algorand. Through a thorough due-diligence framework and research process, Algorithm will look to provide capable and credible teams with a platform to engage the Algorand community and kick-start their protocols in an impactful way.

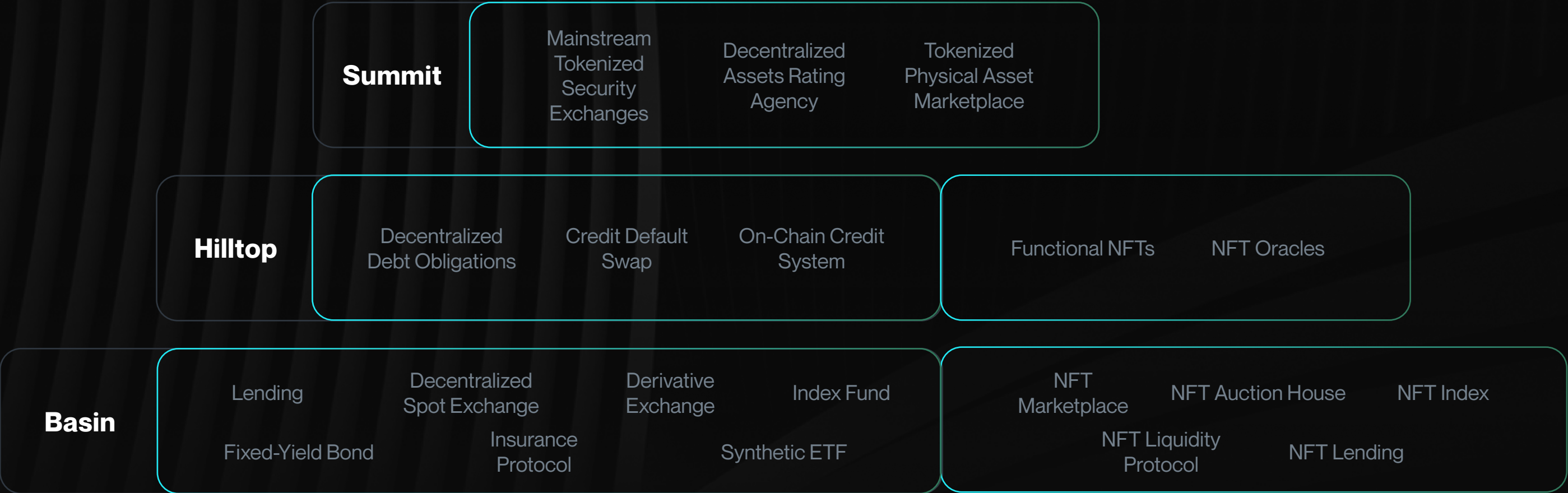
A product that allows permissionless spotlights, with an element of enhanced diligence in the selection of projects building in alignment with the ecosystem, will drastically improve the health and overall rate of adoption with the technology. Algorithm is composable, providing users with an effective way to participate and support game changing technologies and protocols built on Algorand. There will be several opportunities for the community to farm yield, access NFTs, and demonstrate engaging possibilities that put builders in a position to succeed.

The Algorithm team will then work closely with project builders and the Algorand foundation to enable a successful ecosystem build out where users can benefit from products and push towards an open financial system at scale while bringing the metaverse even closer to reality than ever before.

The Algorithm team will be able to provide thoroughly vetted projects the proper funding and resources so that they may successfully scale and become part of a healthy Algorand ecosystem.

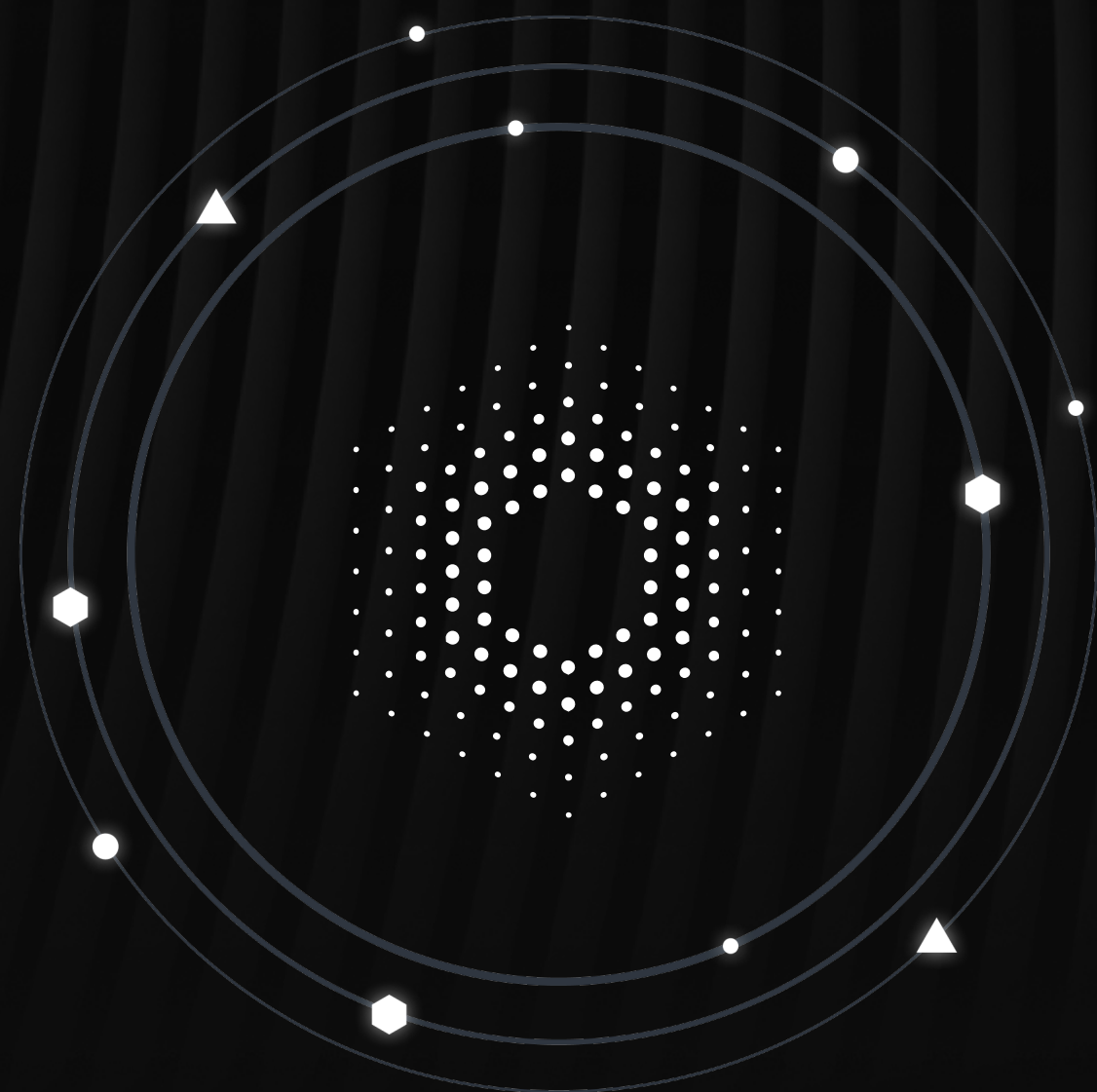
OUR VISION FOR THE ALGORAND ECOSYSTEM

Whilst the first product will be a decentralized fundraising platform, the core phases of Algorithm’s development tap into
1) Birth of Financial Primitives 2) Highly Advanced DeFi Primitives 3) Mainstream Adoption



We’ve seen projects within the space provide under promised results, or lack thereof, which can cripple the innovation required to build out any ecosystem. Aimed at trailblazers seeking to enter into the Algorand ecosystem, Algorithm demonstrates the evolution of fundraising and project support all while enabling developers to build out functional empowering products to withstand the test of time.

ALGORITHM



THE DETAILS BEHIND ALGORITHM

Algorithm removes itself from the dark age and propels itself forward to encompass all aspects of “FutureFi” so that it can provide its users the benefits and use cases they truly deserve and ultimately require so as to completely remove issues such as tradeoffs between decentralization, performance, and security. Being the first decentralized fundraising platform that will not only build out the Algorand ecosystem through progression but expand it even further as we provide effective incubation for various projects, Algorithm is focused on further opening finance so as to provide the birth and effective developmental housing for the next generation of financial products, protocols, and model as an exchange of value to properly support and scale DeFi, NFTs, TradFi, Governments, and FutureFi.

Three phases of development are vital for a flourishing Algorithm ecosystem:

Birth of Financial Primitives

Algorithm will in effect inaugurate and launch the DeFi ecosystem, thus enabling interest-bearing capabilities for asset holders. This particular phase addresses the forefront needs for an ever more emerging financial ecosystem while at the same time laying the foundation for further developed and advanced financial instruments

Highly Advanced DeFi Derivatives

Advanced derivatives on Algorithm will in turn grow the financial ecosystem to host a diverse range of assets and services. This will ultimately bring in mass recognition and big business onto our springboard platform and the various associated projects.

Mainstream Adoption, Ecosystem Dominance

Algorithm sets itself apart from the competition for a reason and an ultimate purpose. Utilizing AVM, the fully functioning and inclusive “Y-Combinator” receives multiple benefits such as speed, security, and growth possibilities for users of Algorithm. Various financial frameworks will become immutable by linking up mainstream audiences and dApps around the World through strategic partnerships, grass-root campaigns, and extensive institutional reorganization through the Algorithm model.

We focus our attention on the next decade of financial deployments so that blockchain technology may successfully scale and free the world of financial irregularities and open up to a more decentralized free state, for one and for all.

In order for Algorithm to fully develop and mature into the powerhouse that we have envisioned; we first provide the basis for how the actual algorithm will function pertaining to various projects seeking to work in unison with us. Although Algorand is purely permissionless in nature, Algorithm provides users the opportunity to list in either a permissionless or selective manner. Deployed initially, selective launches will function as a premium opportunity for projects with strategic resources to fulfill their specific niche(s) and market needs. Through the development of Algorand’s “CoChain”, users within our platform are thus permitted to launch a permissioned chain, all the while being interoperable within the main chain. This innovative and unique feature will allow various institutions to launch private networks that leverage the security and functionality of the public network.[iv]

As we meet demands and roadmap projections within the Algorand ecosystem, we will naturally introduce permissionless listing features so that it becomes a part of Algorithm allowing users and their projects open access to fundraising and effective scaling solutions. Within both launch settings, Algorithm is committed to extensive due-diligence procedures as well as anti-money laundering safety features implemented from the very beginning.

ALGORITHM FEATURES: STANDING APART, FITTING IN

Algorithm allows essential vastly composable infrastructure applications to onboard onto the only incubator platform functioning within the Algorand blockchain. Projects launched through Algorithm are effectively unmasked and brought to the close attention of contributors and continued support through effective funding.

Our community will witness and enjoy functional capabilities within the following processes:

SALES AND AUCTIONS

Functioning through a public or private, controlled environment.

TIERED NFT ACCESS SALES SYSTEM

Governance token holders are incentivized to become effectively active within the community so that they may decide what types of projects Algorand takes on. Through the utilization of \$AGR as a source for emergency and reserve funding, a portion of funding will come from sales proceeds from project launches through our Safety Module.

VENTURE NFT

Functioning as a vaporware-proof feature in which supporters have a portion of their allocations released through a vesting period, ownership of the Venture NFT allows funds to unlock periodically to the project itself during the vesting period.

SAFETY MODULE

Token holders are provided a layer of tokenomic incentive to further support various projects and their scalability efforts.

AUTOMATED YIELD FARMING

Yield Farming is readily and conveniently accessible allowing projects and users innovative ease in managing their tokens through yield seeking ventures.

THE ROAD AHEAD

Algorithm Milestones		Description
Phase 1	Basis	Launch of our “Y-Combinator” Platform, Liquidity Mining, Customized Sales, Tiered Access NFTs, & Safety Module
Phase 2	Hilltop	Creation of ALGOR governance & pool rewards
Phase 3	Summit	Mainstream integration through strategic partnerships, grass-root campaigns, & extensive institutional reorganization

CLOSING REMARKS

The solidified structure that is Algorand provides us further insight that we have solutions within our arsenals and in order to act responsibly and in an effective manner, we must utilize Algorand financial primitives and its core principles to scale within L1 protocols instead of waiting around for over promised hype created by untrustworthy projects and potential scams. Blockchain technology is provided with a solution to the “Blockchain Trilemma” with the creation and rise of the Algorithm.

Our users are now able to fully enjoy security, scalability, and decentralization while we onboard TradFi and effectively create FutureFi, all while projects associated with Algorithm are thrust forward to reach their scaling projections.

Not only are projects effectively brought to market via Algorithm, but our team places its attention on the users of our one-of-a-kind platform allowing the users themselves to propose and initiate “the next big move” for up-and-coming projects within the Algorand ecosystem. We are the official decentralized springboard built on the mighty, future forward-thinking protocol that is Algorand and we are here for you. The rule of Algorithm is simple in nature, and complex in technology: Unified and calculated in vision, decentralized within our core.



[i] <https://arringtonxrpcapital.com/2021/07/19/illuminating-the-dark-age-of-blockchain-algoran/>
[ii] <https://arringtonxrpcapital.com/2021/07/19/illuminating-the-dark-age-of-blockchain-algoran/>

[iii] <https://www.algorand.com/technology>
[iv] <https://arringtonxrpcapital.com/2021/07/19/illuminating-the-dark-age-of-blockchain-algoran/>