VEROX

VEROX WHITE PAPER

When DeFi Meets Artificial Intelligence

ABSTRACT

If you are reading this, you are early. Cryptocurrency, while still in its infancy, has grown in the last year from USD 200 Billion, to a peak of over 2.22 Trillion on April 16th, 2021[1]. The innovations now emerging in decentralized finance (DeFi) are revolutionizing financial markets with solutions like distributed ledger protocols, cryptography, lending, governance, yield farming, and decentralized peer-to-peer transactions. But with all this innovation, some things have remained effectively unchanged – namely, investment strategies. At Verox, we think the time has come to revolutionize that as well.

Using artificial and hybrid intelligence, Verox has developed the most advanced and accessible toolkit for effectively trading and managing a wide-range of digital assets, maximizing potential profit, and mitigating risk, through real-time coin analysis, trade signals, and a decentralized exchange. These features are powered by the native Verox token VRX.

At Verox, we intend on acting as the catalyst for the mass adoption of cryptocurrencies by creating and delivering the most technically powerful investment platform possible for all individuals and organizations.

This white paper details that vision and provides a comprehensive overview of Verox' approach to AI-based cryptocurrency trading and investing. Application and DEX features, DeFi solutions, innovative use of machine learning algorithms and VRX tokenomics are outlined in detail. Further, research, planning, the current state of Verox development, and upcoming products and solutions are explored.

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[1] https://coinmarketcap.com/charts/

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BACKGROUND

We are in the midst of a revolution as trust mechanisms built around centralized third parties are replaced by distributed ledger protocols and decentralized financial innovations.

After the financial crisis of 2008, it was clear that new solutions were desperately needed so such a catastrophe would never happen again. A key part of the solutions that emerged afterwards emphasized the need for decentralization, and an avoidance of powerful centralized authorities whose actions alone have such immense and immediate impact on financial markets. This led to the creation of the first-ever decentralized cryptocurrency, i.e., Bitcoin, introduced by Satoshi Nakamoto in 2009 with the intention of facilitating daily consumer transactions, peer-to-peer, without the threat of centralized authorities controlling economic fate. Not only did Bitcoin achieve this, it also brought with it the explosion in blockchain technology and innovation we see today - innovation that is revolutionizing many industries.

Since their inception, blockchain technologies, like Bitcoin and Ethereum, have experienced enormous growth, giving their respective developers and early-stage supporters significant returns on their investments. Consequently, a vast number of individuals and investment funds have followed suit. But while cryptocurrency investing is becoming more attractive due to the high margin of profits and unmatched opportunity, successfully investing in the market is a complicated and time-consuming process that requires particular skills, and a lot of time.

The Problem

For the investor, the massive growth in cryptocurrency markets has brought with it massive opportunity – but also risk. Steady profits have been a rare and sought-after luxury amid the sea of scam projects, whale manipulation, market swings, 24/7 trading, complex technicals, market saturation, and unforeseen variables. All of this necessitates constant monitoring of the market, constant research for the growing number of coins, and the technical knowledge for securely managing a diverse portfolio. The high volatility also brings with it an emotional component as investors and traders are forced to navigate large price swings. Emotion often blurs judgment and frequently leads traders to sell at considerable loss.

All of this research and choice brings with it an added cost, complexity, and the need for good advice. Those with more money and resources have been able to use expensive financial advisors and advanced technological tools to their advantage. Those with enough resources have even been able to deploy various manipulation techniques to dominate in traditional markets. This reality is reflected clearly in the cryptocurrency space. While it appears that decentralized finance is the economic revolution desperately needed – the complexities listed above are of the many reasons cryptocurrency has yet to reach a critical mass. Many do not even know of the opportunities and innovative blockchain solutions that are emerging. Further, those unfamiliar with the many technical concepts feel like there are too many hurdles to overcome, and have an understandable unease regarding possible risk management amidst the volatility.

Innovative solutions in the space often do one thing very well and are often competing with many similar emerging projects. For the user, there is still immense amount of research required for discovering those individual solutions, and nothing has yet been available that unites and perfects these individual solutions into an integrated system. Verox has created that integrated system.

INTRODUCTION

The Solution

What might a solution look like for addressing these complications, complexities, and problems? For starters, a solution would need to be accessible to everyone to ensure all users are able to profit with minimal risk. A solution would also incorporate the best tools available and would put them in one place to monitor and trade cryptocurrencies, digital assets, and synthetic assets. One place for thorough analysis, one place for receiving vetted and intelligent suggestions on new innovations and projects. One place for exchanging tokens quickly and easily on a decentralized exchange. One place for managing liquidity pool positions.

Verox has created that one place. VeroxAI is the only all-in-one investment solution that incorporates the best of innovation in the space and unites it into a cohesive and easy to use platform. At the same time, an artificial intelligent machine learning algorithm serves as a backbone to these solutions, continuously pointing users in the direction of best opportunities by delivering real-time technical analysis and highly accurate trade signals. VeroxAI is a personalized advisor, product analyzer, and a financial content provider, powered by AI, machine learning, and oracles. Further, a built-in decentralized exchange, synthetic assets trading, and automated trading bots are currently in development. These solutions match the financial needs of each unique investor with the best-suited, most cost-effective financial products available for them in the market. Verox users are able to maximize their profits by holding VRX tokens and earn high rewards on those holdings.

Verox disrupts the traditional norms of investment and profit-making, elevates what is possible, and provides tools to all users that are closer in sophistication and security to what was previously only available to an elite few. Intermediaries, investing consultants, trade-signal groups, and endless researching are all now no longer necessary. While the VeroxAI tools are immensely valuable to veterans in the space, they are also the only tools any newcomer needs to be on the same playing field. Most importantly, VeroxAI addresses the barriers that, until now, have prevented mass adoption and paves the way towards true economic revolution.

Accessibility

The biggest obstacle to mass adoption in the crypto sector is accessibility. It's hard to get started, and it's even harder to maintain a consistent process for analyzing and acting on the many variables and information streams. Traditional finance markets had similar barriers to entry before apps like Robinhood. Verox extends that ease of use to every financial sector with a focus on cryptocurrencies, commodities, and synthetic assets – all from one platform. Verox strives to help both experienced and brand-new investors by analyzing, vetting, and suggesting projects in real-time.

Risk

Risk management is also one of the key barriers keeping new users apprehensive about involvement in the cryptocurrency space. This apprehension of new users is in part due to security and safety unknowns. Many fear the potential of losing hard-earned money either through misplacing tokens or wallets, or because of the large price swings and volatility in the market. They key to mitigating these fears is through information. The more you understand about underlying technologies, specific tokens, and about potential market movement, the better you are able to manage risk intelligently. Verox stretches the boundary of information processing through its AI algorithm, which allows users to be more informed, effectively manage risk, and time the market properly.

At Verox, we understand that while there are various existing trading platforms, they are often limited, and do not currently solve the largest hurdle for investors and traders – VeroxAI solves that hurdle by providing the most valuable tool any investor could possibly have - a tool that helps choose what asset to buy, why to buy it, when to buy it, how to store it, when to sell it, and how to manage the risks involved. The road to mass adoption starts with VeroxAI.

ABOUT US

VEROX **is a startup founded in 2020 by a group of experts from the fintech industry. The team includes blockchain developers, data science developers, AI and software engineers, veteran investors and traders, finance officers, auditors, research specialists, web developers, designers, and marketing specialists. The Verox team is passionately oriented around the common aim of building the most powerful, reputable, and accessible Cryptocurrency Investment Platform for all users irrespective of individual ticket size or trading volume.**

At Verox, we pride ourselves on the fact that we are a global company with a team located in over six countries. This includes over twenty app developers, strategic advisors, graphic designers, community moderators, and more.

The CEO at Verox is an industry veteran with over seven years of experience with trading and investing in the cryptocurrency market on a professional scale. He holds a bachelor's degree in Economics and Business Administration, with a specialization in Entrepreneurship, and is a prominent figure in the crypto community noted for his pinpoint accuracy in his trading recommendations. As a trader, he has a record of a yearly ROI of 700x with over 85% success in trades, and is famous for his level of accuracy in trading recommendations on Twitter where he is followed by some of the biggest crypto influencers, including Angelobtc, Bitcoin_dad, Loomdart, Djthislte0, Notsofast, Romano, SecretsofCrypto, 22loops, John Bollinger - the founder of Bollinger Bands, and more. The CEO has gathered a team of other extraordinarily ambitious and passionate individuals who share in the Verox vision. This team constitutes the rock-solid foundation for the development and execution of that vision.

Verox has also partnered with ReBlock Digital, owned by Brian D. Evans, a Fortune 500 entrepreneur listed on Forbes. Moreover, Verox is also partnered with Financial Professional (FinPro) with over 800k followers on Instagram. FinPro highlights financial and investment opportunities to users and has notable partnerships with reputable companies, including Coinbase. Verox is also partnered with Matic/Polygon, and with Conflux.

OUR VISION

To catalyze the mass adoption of crypto and decentralized finance by reducing barriers to entry into the market, and to empower all users with innovative tools for maximizing potential profit while mitigating risk.

THE MISSION

To be the global leader and most cutting-edge digital ecosystem for tracking, researching, trading, investing, and analyzing digital assets.

KEY SOLUTIONS

VEROX AI-BASED INVESTMENT ANALYZER

VeroxAI acts as a personalized advisor and financial content provider. To do this, the VeroxAI Protocol uses artificial intelligence, machine learning, and data feeds to match user financial needs with the best-suited and most cost-effective investment opportunities in real-time.

The VeroxAI Protocol works with a wide variety of markets by first scanning and processing massive sets of data, and then presenting optimal trading/investing opportunities for both novice and veteran traders and investors. Deep technical knowledge, fundamental analysis, investment monitoring time, trade signal groups, and expensive courses are no longer necessary for locating and executing profitable investments and trades.

What does VeroxAI Protocol do?

Track the Entire Market

VeroxAI Protocol utilizes artificial intelligence and machine learning algorithms with proven indicators to recognize trends and present them in an easy to comprehend way. With over six thousand projects currently registered on Coinmarketcap and with new projects constantly emerging - It is not humanly possible to research, analyze, and track the entire market. VeroxAI Protocol uses diverse analytical techniques by leveraging established artificial neural network frameworks and machine learning algorithms across multiple exchanges around the clock to do just that. With VeroxAI, investors are able to track the entire market.

Recommendations

With the VeroxAI Protocol, users can analyze any token, and receive recommendations for best methods of acquiring, buying, and selling. Users will also receive advanced trading tips – for instance, the protocol

may suggest a swap on Uniswap, a leveraged long/short position on FTC, or a spot BTC/altcoin buy. Thousands of cryptocurrencies and database sets are scanned in search of optimal investments. With this past and present data, the VeroxAI Protocol predicts future outcomes and makes the decision-making process easier. With experience using advanced trading metrics and analysis, the Verox team has been able to fine-tune the AI Protocol to achieve a high degree of accuracy in predicting price action. The AI prediction algorithm is now trading at over 85% accuracy.

How the VeroxAI Protocol Works

VeroxAI Protocol uses artificial neural networks, stochastic algorithms, oracles, and data feeds, to collect and analyze market data. With this data, the algorithm is able to provide an accurate forecast and assessment of a given set of cryptocurrencies instantaneously. Furthermore, it provides technical analysis patterns and financial analysis when predicting the direction of the market through tools and indicators, including moving averages, exponential moving average, relative strength index, Fibonacci retracement, Elliot Wave Theory, market trends, and news analysis. The Verox software development team has incorporated the vast experience and knowledge of the entire Verox team into the AI-based analyzer to maximize effectiveness and accuracy.

Coins Ranking System

With all of the data sets that are gathered, processed, and analyzed - including news articles, social media postings, financial statements, and charts – VeroxAI algorithm generates a coin ranking system that includes daily suggested DeFi tokens and price forecasting.

Yield Farming and Risk

VeroxAI Protocol incorporates DeFi and yield farming in its analysis and includes information and signals for mitigating risk and predicting potential return – all in real-time. This is the first time investors can properly determine risk/reward in the cryptocurrency space. Users can more intelligently assess profit potential – how much they could make, as well as how risky the trade or investment might be - how much they could potentially lose.

Verox Investment Analyzer Provides:

- Up-to-date information on product movement throughout the supply chain
- Coin ranking, project analysis, and suggestions
- Adaptive price forecasts that incorporates social media data
- Profitable investment strategies tailored to each unique user

Machine Learning and Adaptation

If the system identifies a trend that is not followed by the market, our software applies a counterstrategy to solve the situation in real-time, adapting to the new scenario(s). During this non-stop analysis/research/optimization process, all new movements and patterns are stored to be used in upcoming scenarios, helping solve future market situations. The more the VeroxAI Protocol learns, the more accurate and sophisticated it becomes.

The AI system is constantly monitored, updated, and overseen by a team of experienced traders and coders to ensure that human intuition and foresight are not discounted.

VeroxAI revolutionizes the entire DeFi investment process. Many parameters that the AI Protocol works with are customizable and flexible to address individual needs. These adjustable parameters in turn affect the outputs and suggestions through modulating the combination of various techniques, indicators, data sets, fundamental analysis (like development news, team strength, social media activity), and price prediction engines that incorporate historical price data. As an AI-powered DeFi and crypto analysis platform, VeroxAI has clear advantages over available alternatives.

Hybrid Intelligence

The brilliance of the VeroxAI Protocol is in the fusion of artificial intelligence and human experience. Machines alone are not always capable of making ideal decisions in every situation. The combined efforts of the human brain and AI is known as hybrid intelligence. AI information processing allows for inhuman abilities in speed, data-crunching power, accuracy, and broadened overall market understanding. The human element accounts for emotional variables in the market and provide strategic intelligence. This hybridization creates never-before-seen insights into trading and investing while maximizing performance, confidence, transparency, and profit.

While certain industries utilize hybrid intelligence in generating predictions and market forecasts, access has been limited to a powerful few. Verox brings the most advanced assessment and prediction strategies to the cryptocurrency markets and empowers every user with them.

How it Works

Crypto & DEFI
Data Sources

VEROX'S Artificial
Intelligence Models

Predictions &
Analysis Results

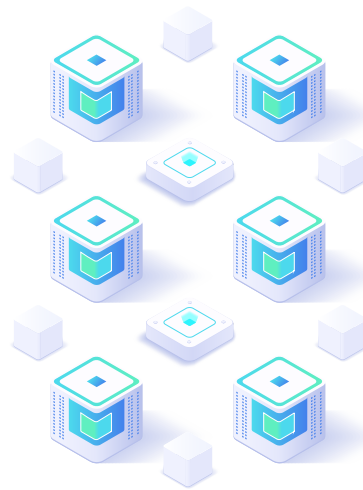Market Data

Price History

Financial Data

Web Data

Twitter &
Sentiment
News

Pattern
Recognition

STANDOUT FEATURES

Intelligent Trading

Unlike traditional trading practices where traders frequently rely on limited knowledge and tools, VeroxAI Protocol utilizes artificial intelligence-based algorithms to scan the entire market, data feeds from credible sources, and present the most optimal trading strategies in an easy-to-understand way.

Artificial Neural Networks

Verox uses artificial neural network and prediction algorithms for analysis, assessment, learning and self-adaptation when locating the best strategies in any given market situation.

Accurate Forecasting

VeroxAI Protocol offers a forecasting system that leverages stochastic process algorithms, game theory, and probability. At the same time, various data feeds, oracles, and market sentiment are incorporated in the generation of price predictions and models. With such comprehensive analysis, prediction accuracy is maintained regardless of whether the market is in a Bull or Bear trend.

24/7 Service

Unlike traditional financial markets and their tools, VeroxAI Protocol is accessible 24/7, 365 days a year, with zero downtime.

Comprehensive Analysis

Contrary to limited human assessment and analysis, VeroxAI Protocol performs comprehensive analysis on the growing number of cryptocurrency projects listed in the market. Now investors and traders are able to keep tabs on thousands of projects all at once.

Multi Exchange Integration

VeroxAI protocol is integrated with leading cryptocurrency exchanges through APIs, both centralized and decentralized, utilizing detailed and accurate analysis and forecasting.

Minimal Risk

Verox AI Protocol utilizes algorithms proficient in risk management. Timely alerts and signals are generated to minimize risk. Please review the testing results to explore algorithmic testing, and the loss prevention therein.

INTRODUCING VEROXDEX

The DeFi space has grown exponentially in the past 18 months, with so much innovation emerging in such a short time. The emerging innovation also made possible the expansion of the Verox vision as well as another exploration into the possibilities for our products that could now become realized. To find out what our ideal DeFi platform would look like given this shift, we went back to the drawing board.

The following elements were highlighted as necessary considerations for VeroxDEX:

- Lower Transaction Costs - Lower transaction costs should be achieved and maintained so transactions can be made more frequently without worrying about gas costs. If this is achieved, the Verox token as a governance token will maintain intrinsic value to drive project growth.

- Intrinsic Value - Ideally, the price of a token should be determined through mechanisms that ensure it matches or exceeds its intrinsic value.

- Smart Contract Risk — Staking governance tokens should not be required to earn as the value of the product grows. Individual ownership should be sufficient.

- Sophisticated Automation - Sophisticade automation should be implemented wherever possible to reduce or remove manual tasks to maximise and increase earning potential.

VEROX
DECENTRALIZED
EXCHANGE (DEX)

Verox decentralized exchange (DEX), or Verox Swap, acts as an AI-powered non-custodial decentralized crypto and derivatives exchange that enables users to trade crypto and synthetic derivatives of stocks, commodities, and other assets securely, efficiently, intelligently, with high liquidity, and without centralized control. It adopts the concept of liquidity pools and automated market makers with the added feature of oracle implementation for better price discovery. With the added integration of the VeroxAI Protocol - forecasting and market analysis is included, while also ensuring seamless liquidity provision.

At first glance, VeroxDEX may appear to be quite similar to other available DEX platforms. But while it shares similarities in design, it radically reimagines functionality through the optimization of what is under the hood, while incorporating the crucial elements mentioned above. This white paper serves as an introduction to the evolved vision for VeroxDEX and explores platform features. Further information on the novel features will be released as the project progresses.

Taking Care of Liquidity Issues

Many decentralized exchanges face consistent challenges with maintaining good liquidity. Poor liquidity results in high slippages. To tackle the issue of liquidity, VeroxDEX obtains liquidity from other DeFi aggregators and facilitates swaps. As a result of Verox innovative routing algorithm, traders receive the best prices via DEX aggregators and information collected using oracles. Optimal routes result in minimal delays in settlement. Furthermore, it also ensures that the most optimal routes are used for transaction processing, resulting in minimal settlement delays.

To ensure stable liquidity, VeroxDEX utilizes liquidity from Suhiswap, Pancakeswap and Uniswap, three leading decentralised exchanges and AMMs. Orders on VeroxDEX (limit orders and market orders) placed on Polygon network will be executed on Sushiswap, orders placed on BSC network will be executed on Pancakeswap, and orders placed on Ethereum network will be executed on Uniswap.

Furthermore, VeroxDEX also tackles the issue of high transaction costs by ensuring that the only fee that VeroxDEX customers have to pay are the regular blockchain gas and exchange fees for the trades, which are charged by the exchanges and not by VeroxDEX itself. There are no additional fees.

VeroxDEX combines the liquidity benefit of aggregating major exchanges through Sushiswap with the speed and low costs of layer two transactions through Polygon. VeroxDEX continues to aggregate public chains and exchange transactions on an ongoing basis as per the preferences of the community.

VeroxDEX will continue to aggregate derivatives, yield, loan, and insurance products, as well as launch its own combined margin products and intelligent wealth management services in the future. Further, by using VeroxDEX, users will have access to arbitrage tools that will allow them to implement automated arbitrage strategies.

The automation made possible by VeroxAI implemented in VeroxDEX increases capital efficiency and serves as a bridge connecting the currently fragmented DeFi markets. We believe everyone should have the opportunity to trade at the best prices and use their own investing strategies on various crypto asset classes, regardless of whether they are a small individual investor or a large institution. Further, Verox envisions accessibility and equal access for all users to the most sophisticated and technically powerful trading tools available on the market.

Verox native token (VRX) is used for both utility and governance purposes in VeroxDEX.

VeroxDEX V1

VEROXDEX will launch with Version 1 features while additional development continues.

- Limit Orders
- Market Orders
- Orderbook Exchange
- Live Charts & Analytics
- VeroxAI Integration

VeroxDEX V2

- Staking / Farms
- Vaults & Automated Investment Strategies
- Launch Pad for IDOs ("Native Polygon Launchpad")
- Derivatives Trading (Options)
- Lending and Borrowing (Loans that pay themselves off)
- Margin Trading on existing features

DEX STANDOUT FEATURES

SushiSwap, UniSwap, PancakeSwap

VeroxDEX utilizes a combination of all leading decentralized exchanges, i.e. Pancakeswap, Uniswap and Sushiswap, as secure and dependable infrastructure by which token swaps are expedited, and substantial liquidity is provided. By integrating trade automation tools and new token economics on top of Sushiswap's fundamental building blocks, VeroxDEX improves on SushiSwap's on-chain token swapping and decentralised liquidity pools.

VeroxDEX takes advantage of the Sushiswap built-in tools and builds upon them to take the trading feature-set to a new level. Verox vision is not to reinvent the wheel – but to utilize the advanced tools where they exist and innovate what does not yet exist – all on the road to developing the pinnacle of all-in-one DeFi investment solutions.

For instance, VeroxDEX makes on-chain token swaps and decentralized liquidity pools possible via the Sushiswap protocol while also providing a comprehensive set of powerful DeFi tools specifically designed for traders and investors of all levels. This includes the integration of VeroxAI algorithm and other indispensable Verox research, analysis, prediction, and investing tools.

Trading and asset movement is held to the highest standard of security while maintaining ease of use with VeroxDEX. This is accomplished through a web application with a simple interface integrated with Sushiswap through the use of APIs. It is presented through a user interface (UI) that rivals any CEX and is easily navigable by all users.

Live Charts & Analytics

TradingView price charts are integrated directly into VeroxDEX's highly adjustable dashboard which can be tailored to each user based on preferences. With our easy-to-use analytics powered by VeroxAI, users can track an asset's overall performance, volume, and liquidity, rapidly, and intelligently. Analytic tools are built right into VeroxDEX charts.

Polygon/Matic

Ethereum Layer 2

VeroxDEX is built on Polygon, A "Layer 2" Ethereum sidechain scalability solution. Polygon describes itself as "an Internet of Blockchains" and a "protocol and framework for developing and connecting Ethereum-compatible blockchain networks."

Why Polygon?

Polygon (PoS Chain) solves many of the problems that developers and consumers currently face while using the Ethereum network, such as low throughput and excessive gas prices. Due to increased potential for proper scalability, security, and Interoperability(SSIC), usage of the Polygon network will allow Verox platform to thrive in a sustainable way. VeroxDEX wil launch on the Polygon network, and will adhere to the ER20 standard.
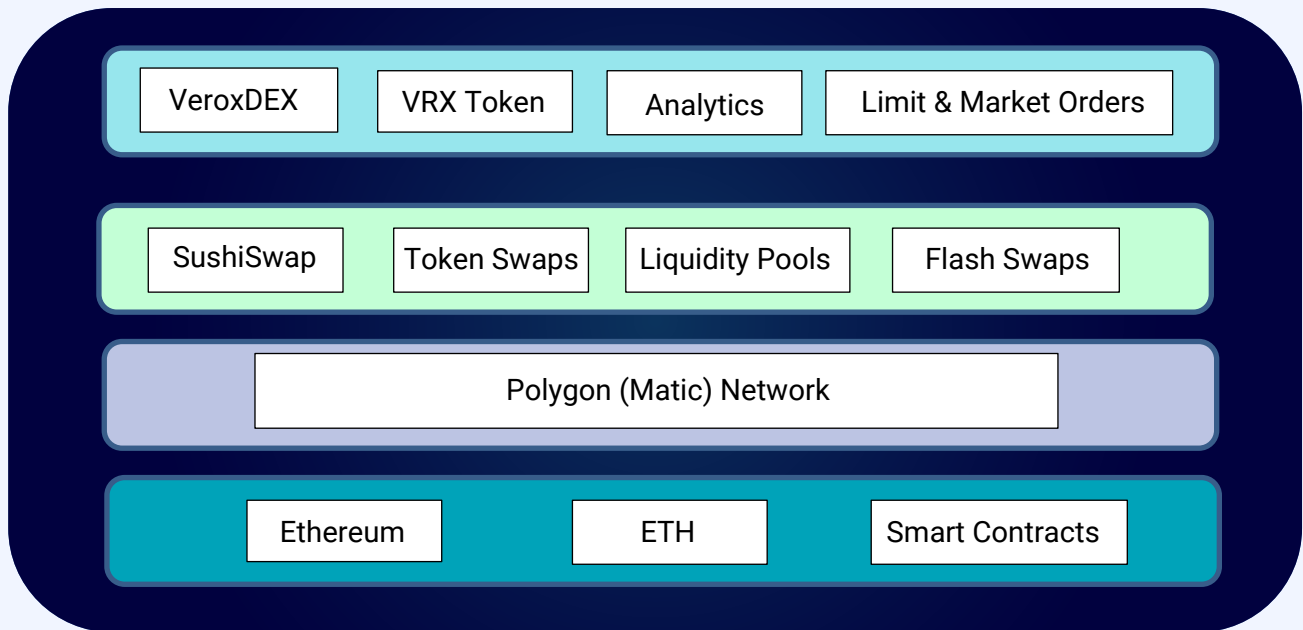
Flourishing Sidechain

Polygon's launch enables Verox to join an ever-growing group of companies that have already realised the benefits of using Polygon including Save, Chainlink, and many others.

Interacting with VeroxDEX through Polygon is simple and familiar to anyone who has worked with Ethereum dapps. Verox token (VRX) will be launching on Polygon to assist in facilitating this process. That being said, Verox unifies the entire crypto space together into one place with our ecosystem and tools. For this, it is necessary for Verox to be cross-chain. Because of this, a multi-chain strategy that will allow our platform features to be launched on other blockchains is already in development.

Many of VeroxDEX's platform features will be a result of ongoing development and community feedback. More information on these features will become public as they emerge.

VeroxDEX Architecture

VeroxDEX	VRX Token	Analytics	Limit & Market Orders

SushiSwap	Token Swaps	Liquidity Pools	Flash Swaps

Polygon (Matic) Network

Ethereum	ETH	Smart Contracts

Verox aims to build all of our products while maintaining consistent adherence to core founding principles upon which cryptocurrency innovation emerged. With VeroxDEX, a decentralised, permissionless, and trustless infrastructure is maintained by smart contracts on top of which new dApps can be constructed.

LIQUIDITY
AGGREGATION

If you want to receive the best deal, you need to be aware of the best possible prices and have access to deep liquidity. In order to provide this detail, VeroxDEX searches several DEXs for the best prices and liquidity, then splits the order into multiple routes to get users the best possible trade.

A number of decentralized exchanges are considered for this, including Uniswap and PancakeSwap. Each DEX has its own pools and liquidity that are isolated and cannot be used by users simultaneously. Because each pool has different prices, and because there is never enough liquidity to provide low slippage transactions (especially when users are making large volume trades), users can never confidently access the best possible prices. This problem is solved by the VeroxDEX protocol, which sources, prioritises, and distributes liquidity routes among multiple exchanges in order to maximise the overall profit on trades. To do this, VeroxDEX executes these three steps:

- **Quotes from DEX's are collected**

- **Ideal routes for low cost trades, while maximizing user profits are assessed and determined**

- **Communication of the ideal routes and prices are delivered to the user prior to the execution of the trade**

Protocol Algorithms and Smart Contracts

The VeroxDEX protocol functions with the use of public smart contracts using Polygon network and proprietary technology involving discovery and routing algorithms. D-star is an optimised version of Dijkstra's algorithm, which splits routing amongst several protocols for higher transmission rates. With decreased gas consumption and lower slippage, consumers get the most for their buck.

VeroxDEX Protocol

- Utilizes an optimization algorithm based on Dijkstra and D-Staar to determine optimum initial routes

- Achieves continuous optimisation in routing based on machine learning and spreadsheet data.

- Provides the best price by comparing prices through the aggregating of DEX data.

- Safeguards user interests by financing slippage losses with VRX tokens.

- As an alternative to charging additional fees for the use of a transport method, a transparent pricing mechanism is used.

The public smart contracts facilitate the exchange of information between users and the exchange of goods and services through an API, which may be accessed via the VeroxDEX interface or the users' own API set-up. The contracts include several inner contracts that each perform a specific function such as swap, price quote, route, calculate, optimize, and also communicate with the algorithms. The Verox polygon address will be publicly shared as soon as it is available.

SECURITY

Security and Auditing

To protect users from security vulnerabilities and other incidents, VeroxDEX adopts a security-first approach. Additionally, in order to maintain the most current and leading industry standards, Verox routinely works with external partners to test and confirm high levels of security . VeroxDEX has already been submitted for security auditing of all VeroxDEX public contracts which will be performed by auditing firms of the highest trust and standards.

Feedback

Submit a bug or a problem

To report problems and concerns with VeroxDEX, send an email to security@veroxdex.io
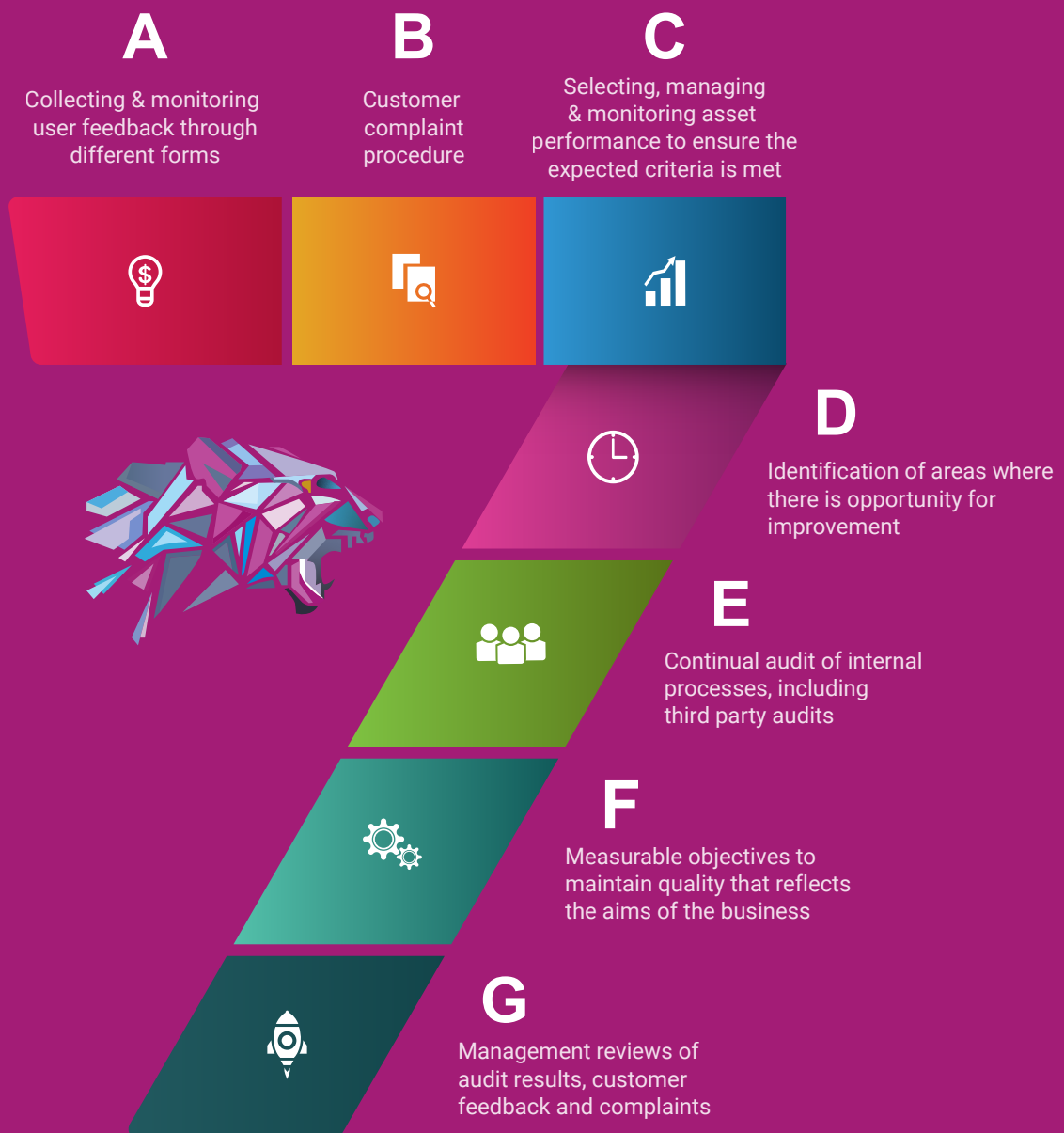
Include the following in your email:

1. Give the bug/issue a succinct and descriptive title in the subject field.
2. Description: Add more information about the problem, including but not limited to: steps to reproduce the bug, any relevant details needed to help identify and resolve the problem, etc.
3. When possible, include supporting attachments that may help identify or resolve the issue (e.g., a screen shot or video link).
4. Your name and e-mail address

You must specify your network and your address in order to use this feature.

QUALITY CONTROL IN THE VEROXDEX

The Board and Senior Management of Verox DEX are committed to implementing the highest-level system while ensuring that all customer requirements are fully met, and consistent improvements are made.

Verox DEX aims to achieve this by implementing a QMS that complies with the international standard of good practice BS EN ISO 9001. As a business with regulatory responsibility, the services and products it delivers must be of the highest quality, compliant with statutory/regulatory requirements, and fit for purpose. Embedding strong quality assurance and continuous improvement is crucial in developing confidence with users and holders.

A
Collecting & monitoring user feedback through different forms

B
Customer complaint procedure

C
Selecting, managing & monitoring asset performance to ensure the expected criteria is met

D
Identification of areas where there is opportunity for improvement

E
Continual audit of internal processes, including third party audits

F
Measurable objectives to maintain quality that reflects the aims of the business

G
Management reviews of audit results, customer feedback and complaints

How to Swap on Polygon via VeroxDEX

- Open veroxdex.io in your browser and click the "Connect Wall" button in the upper right corner.

- Click on "MetaMask" under "Polygon Network".

- In order to make a successful swap on Polygon, you must first connect your wallet.

Unlocking Tokens

Smart contracts cannot access your tokens until you have given them permission to do so. In order for DEXs to execute transactions, approval is required. As soon as you "unlock" your tokens, you gain access to smart contracts that will allow you to use your assets. For each approval, a small fee is required that is calculated in real-time and is displayed before confirmation.

These two options are available:
1) Unlock a certain amount
Unlocking a certain amount requires a single trip.

2) Infinite Unlock
The unlimited unlock option will allow you to save money on gas because you won't have to pay gas fees in the future to unblock the same token. Then again, it's still considered a little riskier option.

VEROX PRODUCT FEATURES

VeroxAI

- **Artificial Intelligence**
  VeroxAI algorithm is a state-of-the-art artificial intelligence algorithm incorporating LSTM and RNN networks. VeroxAI collects and analyzes massive data sets to deliver accurate price forecasting and invaluable information on thousands of cryptocurrencies in real-time.

- **Price Signals**
  VeroxAI algorithm generates real-time accurate buy/sell signals and displays them with detailed information right on the charts. Signals are displayed and can be explored on the charts for every cryptocurrency on VeroxAI app.

- **Top Picks**
  The VeroxAI algorithm brings you the very best picks currently on the market. Find out what cryptocurrencies have the biggest potential and use the other tools to analyze them further to find out why.

- **Most Mentioned**
  Discover the tokens trending across social media and take advantage of the buzz.

- **Biggest Volume Changes**
  View the coins with the biggest 24-hour volume changes.

- **Favourites & Alerts**
  Keep track of your favorite cryptocurrencies and set signal/price alerts so you never miss out.

- **News**
  The latest and breaking news in the crypto sphere. Get your finger on the pulse, find trends, and keep up with the market.

- **Score Analyzer**
  Deep dive into any given cryptocurrency and see how it scores after AI-powered fundamental and technical analysis, news, buzz, and more.

- **Trend Gauge**
  Trend guage determined through cutting edge technical, sentiment, and fundamental algorithms factoring in techincal patterns, market sentiment, sectoral sentiment, github trends, and stochastic/RSI analysis.

COMING SOON

- Admin Calls
- Automated Trading Bot
- DeFi Module
- NFT Module

- On-Chain Analysis
- Futures & Options Data Modules
- Best Long Term Investments

VeroxDEX

- **Low Transaction Cost**
  Save on every transaction with VeroxDEX built on Polygon.

- **Liquidity Aggregation**
  Always get the very best price by way of Pancakeswap, Uniswap, and Sushiswap liquidity aggregation.

- **Decentralized**
  VeroxDEX is decentralized and trustless. Connect your wallet to VeroxDEX and use all features and products securely and on your own terms.

- **Governance**
  Take part in the direction of VeroxDEX by holding VRX and participating in the community through discussions and votes.

- **Algorithmic Automation**
  VeroxDEX automates wherever possible, so you can focus on the decisions that matter and let VeroxDEX and VeroxAI do the rest.

- **Limit/Market Orders**
  Set limit and market buy/sell orders to manage your holdings and trading targets with precision.

- **Orderbook Exchange**
  Experience the beauty and sophistication of a centralized exchange, but with innovative features and total decentralization.

- **Live Charts & Analytics**
  Make use of the detailed charts with built in VeroxAI tools and analytics so you can assess price action with the VeroxAI advantage.

- **Crypto and Synthetic Assets**
  Use all of VeroxDEX advanced trading tools across a wide variety of asset types and classes, including both crypto and snythetic assets.

VEROX
TOKEN

UTILITY & GOVERNANCE

The Verox platform (and ecosystem) is powered by its own native token, VRX, an ERC-20 token built on the Ethereum Blockchain Network. It is scarce and deflationary in nature, with a total supply of only 47,500. Furthermore, substantial liquidity has been provided and locked to ensure a high level of investor trust and confidence.

The VRX Token will act as a gateway and payment for entry into the VeroxAI financial ecosystem, for access to Verox products and solutions, and will also act as the native token for use on the DEX and in liquidity pools. It is both the governance and utility token of VeroxDEX (https://www.veroxdex.io and https://www.veroxdex.io.) Holders of government tokens have the ability to influence the development of the protocol by voting on parameters, DEX aggregations, future chain implementations, as well as by making general suggestions. To maximize long-term security, there is no minting function in the VRX token contract.
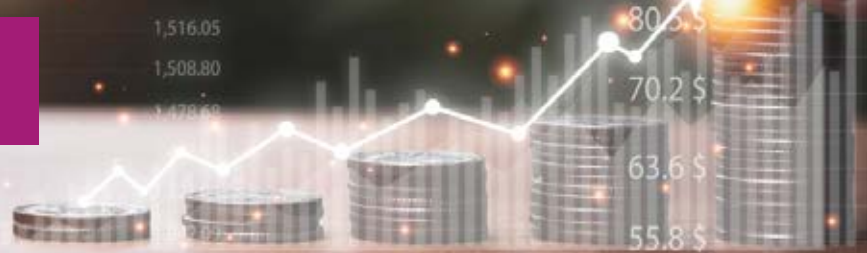
SUPPLY: 47,500

There are a total of 47,500 VRX tokens. It is important to note that five percent of the $VRX payments received through VeroxAI after each quarter will be burned until there are only 45,000 VRX left.This low supply further drives demand and attracts new users with potential for supply shortages, large speculation, and rapid token price action.

LOCKED

There are a total of 2,125 locked tokens on TeamFinance, a decentralized application that allows blockchain projects to lock their ERC20 tokens and LP Liquidity tokens in a non-custodial, time-released smart contract vault. ~350-400 VRX tokens used each month for staking rewards and marketing.

TOKENOMICS

Key Token Information

VEROX Token Name	**VRX** Ticker	**ERC20** Technology

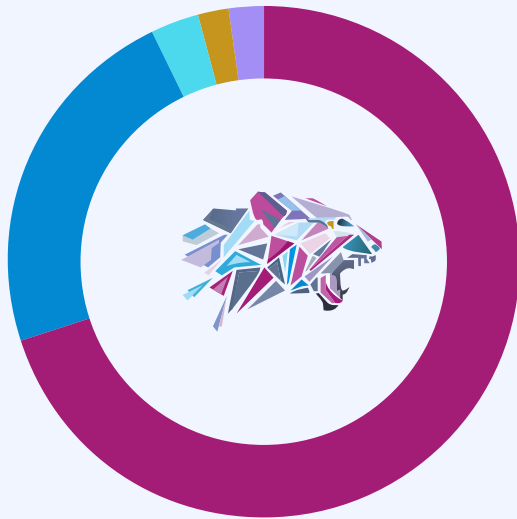|	
35,000 Pre Sale amount	**47,500** Total Supply

The code has been audited by Solidity Finance and the report can be found at this link: **(https://solidity.finance/audits/Verox/).**

Holders also currently have access to staking at 18% APY. ~ When staked, tokens are removed from circulation (further reducing an already low circulating supply) for a minimum of ten days. After this, tokens can be unstaked for a .25% fee. Both the smart contract and staking contract have passed comprehensive external audits courtesy of Solidity Finance.
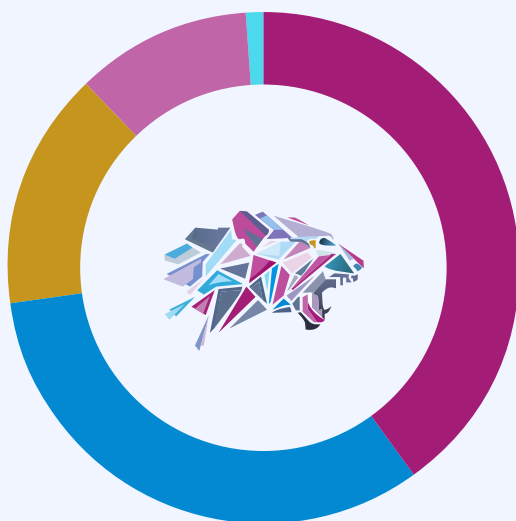
Token Distribution

■ Token Sale		**70%**
■ Staking and Liquidity Provision		**23%**
■ Core Activities Reserve		**3%**
■ Marketing		**2%**
■ Team Token Allocation		**2%**
■ Air Drop		**0%**

Use of Proceeds

■ Product Development		**40%**
■ Liquidity and Exchanges		**33%**
■ Marketing + Partnership		**15%**
■ Legal & Regulations		**11%**
■ Administration and Support		**1%**

TOKEN UTILITY & VOTING

Versatile Utility

VRX tokens can be used for trading, voting, liquidity, or simply for HODLing. Further, VRX tokens act as incentives. Holders receive VRX while spending and interacting with various features on the VeroxAI and VeroxDEX platforms. VRX token is:

- A governance token enabling voting rights of holders within the Verox ecosystem
- A native pair to execute trades using the Verox DEX
- A payment method for a VeroxAI subscription
- A payment method for new project token listing fees
- As a peer-to-peer payment method and a medium for storage and exchange of value
- A method for accessing liquidity pools. Users will be required to have the VRX Token
- A stakable asset

Gas and Trading Fees

VRX can be used as a gas for deducting fees involved with transaction processing for single-chain, and cross-chain swaps (in the future) on Polygon and various public blockchains.

Proposals & Voting

Verox is committed to delivering products with the highest level of utility for all users, traders, investors, and cryptocurrency enthusiasts. Because of this, community developed proposals will be ongoing and are of the utmost importance to us. We will continue to listen to the community and collect suggestions through a variety of social media platforms regardless of whether or not suggestions are made by a VRX token holder.

Proposals will be screened, selected, and will then be subsequently presented for voting. All holders of VRX tokens can participate in voting. The weight of user votes will be proportionate to their respective VRX holdings.

Please feel free to submit any type of proposal or idea, as long as it does not contain inappropriate language or content.

We are keenly interested in your thoughts on the following topics: new trading pairs and aggregations, liquidity mining, protocol enhancements, ecosystem initiatives, and features development.

Governance

Governance & Benefits

Token holders earn fees from the platform's products and are eligible for other perks. In this regard, we are similar to other DeFi projects, but have altered the process in a major and important way. A true value-accruing mechanism has been applied to our fee-distribution model and tokenomics. As of right now, other DeFi platforms need governance token holders to hold tokens before they are entitled to earn a share of the revenue generated by the system. VRX has revolutionized this process.

With Verox, It is possible to keep your tokens (VRX) in your wallet at all times, while your share of the platform value is always available for claiming - no staking required. Holders of VRX as a governance token will be able to earn more quickly, and VRX holders will be able to easily compound their earnings without the need for additional transfers, which will save them money on gas, and reduce unnecessary additional contract interactions.

Additional Holder Benefits

- Discounts on platform fees (details coming later)

- Guaranteed access to Launchpad IDOs (In Development)

DAO

A decentralised autonomous organisation (DAO) will be formed shortly after our launch, which will determine how our platform evolves into the future. There will be a vote about how the customer's VRX will be managed. One possibility, is that the VRX will sit in the government's control room until it is activated. If you would like to put your VRX to work (in this model) you would be able to invest some (or all) of it in various DeFi solutions that would generate interest on those holdings. Verox staking will also be available as it is now at https://www.veroxai.com.

REVENUE MODEL

The VeroxAI Platform generates revenue from the following activities:

- ◎ **AI Protocol Subscription:**
  The VeroxAI Protocol will have a certain subscription fee, details of which will be available on the website.

- ◎ **Listing Fee:**
  For each token listing on the Verox DEX, there is a certain fee.

- ◎ **Trading Fee:**
  A small fee is charged on each successfully executed trade on the Verox DEX.

- ◎ **Revenue from the token sale:**
  Proceeds from the VRX token sale are used as per the model illustrated above.

- ◎ **Fee collection from the Liquidity Pools:**
  A percentage of revenue generated from the liquidity pools is allocated towards the Verox Treasury

ROADMAP

○ **November 2020**

- **Vision & Comprehensive Project Research** - How to create a solid quality- focused and user-friendly product and to apply the token's best economic factors.

- **Recruitment of team -** We are continuing to build and recruit a multidisciplinary, extremely ambitious and passionate team combining experts from diverse fields, with a proven track record.

- Planning: BRD, SRF, FSD
- Legalization and regulation
- Creation of the smart contract
- Deployment of the ERC20 token
- Smart contract audits

○ **December 2020**

- Website Launch + whitepaper
- Beginning of pre-sale
- Smart Marketing — using unconventional marketing & promoting methods and strategies to create awareness, trust, and community growth
- Airdrop and giveaways for the community
- Partnering with the top agency for crypto marketing & PR — flexe.io
- Listed on more than 20 Presales trackers. Marked as "hot" and ranked second place on the 2nd most searched ICOs/Presales website on google 'icohotlist'
- Reached out by the legendary Business Consultant & Strategist, top digital Marketer and angel Investor Brian D. Evans — Inc.500 Entrepreneur
- Exponential growth on social media (25k twitter followers + 2800 telegram (group members)
- Creating promotional and instructional videos in different languages Mentioned by the top crypto influencers (Such as @VEGETACRYPTO1 , @ CryptoNekoZ , @JoshRoomsburg ,…)
- Start designing the Verox app
- Developing AI and machine learning algorithms
- Partnership with Hotbit for immediate exchange listing after presale stage

January, 2021

- Hybrid Intelligence Integration

- Cointelegraph press release and increased marketing

- Development & testing — algorithm development, Data Pipeline/Cleansing/Database/Modeling

- Staking Dapp / 2500 token team supply burned

  Status Report 2: https://www.docdroid.net/FvHsJrK/veroxstatusreport-pptx

February - March, 2021

- DEX & CEX Exchanges listings + Providing & Locking liquidity for a minimum of one year

- AI module creation, algorithm testing on top 100 coins

- Yield farming algorithm completion, DEX development, Auto Trading Bot development

- Top Picks/score ranking system developing, Twiter API integration for analysis

- TradingView agreement for charting data integration

  Status Report 3: https://www.docdroid.net/qsFiABW/verox-status-report-3-pdf
  Status Report 4: https://www.docdroid.net/Wzz8ulx/verox-status-report-4-pptx
  Status Report 5: https://www.docdroid.net/JRU3iOy/verox-progress-report-5-pdf

April - June, 2021

- Backend testing completed, AWS server optomization & integration

- VeroxAI UX redesign complete

- Frontend/Backend integration for iOS/Android app and web

- Launch of beta VeroxAI web application

- Polygon/Matic partnership, Conflux partnership, Gate.io exchange listing

  Status Report 6: https://drive.google.com/file/d/1cTha7cpnVJvrhLQhPIdzrDo60ay9hLQE/view
  Status Report 7: https://drive.google.com/file/d/1F6X40tAopKkHJO0q4Q3QfcAv4-_q5KA8/view

July - August, 2021

- Webapp code rewritten for faster load times

- Yield Farming algorithm updated

- Login, alerts, and notificiations integrated

- Gitbook launch

- iOS app launch

  Status Report 8: https://drive.google.com/file/d/131GjPtq7QPKW9mjiCXAJzDcU_QxPD3Ni/view
  Gitbook: https://vrx.gitbook.io/vrx/

September - Onward, 2021

- Algorithm performance testing release

- Uniswap, Pancakeswap, and Polygon to serve as liquidity for VeroxDEX

- iOS App performance and feature updates incorporating community feedback

- iOS/Android official launch , payment integration

- VeroxDEX launch with synthetic asset integration

- Massive marketing campaign

- Approaching VCs, tier 1 listings, user onboarding

- App updates/optimizations with auto-trading & long term preditctions

- VeroxAI algorithm improvements

- First VRX payment burn (5% of VeroxAI subscription payments until 45,000 total supply)

Algorithm performance testing: https://drive.google.com/file/d/1wzbF3jy8Dkw3ty875rtjVvBza99WPDul/view

MARKETING STRATEGY

Word of mouth marketing

The Verox team having already established network of users and community across the globe will get a certain traction among traders and investors as they would be recommending us to their circles.

KOL and Celebrity Endorsements

To ensure maximum outreach to target audience, Verox utilizes key opinion leaders within the crypto industry for endorsing the Protocol and VRX Token.

Press Releases

Verox plans to publish periodic press-releases directly through social channels, blogs and leading crypto news sites.

Blockchain Conferences

To spread our message to potential investors, Verox aims to create awareness campaigns throughout the globe. The team will participate in Crypto Expos as well as in blockchain conferences. Moreover, we will also sponsor mega events.

Strategic Alliances

The Verox leadership will partner with key industry players, exchanges, merchants and merchandisers around the globe, which would serve beneficial for both of the parties and help in enhancing acceptability of the VRX Token.

Email marketing

The main purpose of using email mailings in our strategy is to increase the conversion rate of other marketing channels. We plan to collect email addresses of potential players using Display Advertising or Affiliate Marketing and build email communication with users.

Online advertising and CPM

Verox will also use online advertising such as Google Ads and Facebook based ads to increase reach.

LEADERSHIP
TEAM & ADVVISORS

Altcoinsking

CEO & Founder

Nikhil Teltumbade

Project Manager

Snehal Teltumbade

Business Analyst

Hemant Shirsath

Artificial Intelligence
& Machine Learning Develope

Karan Sawant

Senior Data Scientist

REBLOCK
DIGITAL

Reblock Digital

Strategic Advisors

PARTNERS

polygon

CONFLUX

FLEXE.IO
Crypto Marketing & PR

Financial Professional

(FinPro) - finance and investing company with over 800k followers on Instagram and partnerships that include Coinbase

IMPORTANT LINKS

- **Twitter:** https://twitter.com/Verox_AICrypto

- **Official Telegram**: https://t.me/veroxgroup

- **Telegram Announcement Channel:** https://t.me/vrxannouncements

- **Price/Chart TA:** https://t.me/vrxprice

- **Staking Link :** https://www.stakevrx.com/

ALL VRX LINKS:

- **VeroxAI Web Application**
  https://veroxai.io

- **Uniswap Buy**
  https://app.uniswap.org/#/swap?inputCurrency=0x87de305311d5788e8da38d19bb427645b09cb4e5

- **Gate.io Trading link**
  https://www.gate.io/trade/VRX_USDT

- **Hotbit Trading Link**
  https://www.hotbit.io/exchange?symbol=VRX_BTC

- **Cointiger Trading Link**
  https://www.cointiger.com/en-us/#/trade_center?coin=vrx_usdt

- **Bilaxy Trading Link**
  https://m.bilaxy.com/app/trade/1082

- **@UNCBOTVRX**

- **Liq Locked**
  https://www.unicrypt.network/amm/uni/token/0x87DE305311D5788e8da38D19bb427645b09CB4e5

- **Dextool Link**
  https://www.dextools.io/app/uniswap/pair-explorer/0xbc159c4ff09a134ee7d47df92c1be4f3ca136f53

- **CoinGecko**
  https://www.coingecko.com/en/coins/verox

- **CMC**
  https://coinmarketcap.com/currencies/verox/

- **Contract address**
  0x87DE305311D5788e8da38D19bb427645b09CB4e5

- **Etherscan contract**
  https://etherscan.io/token/0x87DE305311D5788e8da38D19bb427645b09CB4e5

- **Gitbook**
  https://vrx.gitbook.io/vrx/

- **Verox NFT**
  https://www.veroxnft.com/

- **If you are new and in need of help check out this helpful tutorial:**
  https://www.youtube.com/watch?v=CEyAFziz7oc&t=1s

DISCLAIMER

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