THE POWER OF
DATA & AI
in asset management

CDD STAMP
whitepaper

www.cddstamp.com

INDEX

1 INTRODUCTION

PREDICTING THE FUTURE OF FINANCIAL ASSETS NEEDS

LITERATURE RESEARCH PRACTICE

Predicting the future of financial asset prices has long been a topic of interest in literature, research and practice. Financial markets are generally directly or indirectly affected by local and global economic, political and many other factors, and naturally, all these factors make it difficult to predict the future of financial assets. The fact that markets are affected by many factors creates an environment of uncertainty, and uncertainty gives rise to the risk factor, which is an integral part of financial theory, and the most challenging problem faced by researchers, analysts, traders and practitioners in financial markets is the risk factor arising from uncertainty. The risk factor makes it very difficult to make predictions in financial markets and even to take financial positions based on these predictions. According to recent forecasting studies, especially in financial markets, the movements of the financial assets are not random, on the contrary, show non-linear and highly dynamic movements. In addition, data in financial markets generally have features that have noisy measurement values, are non-stationary, are not highly reliable, and have hidden and unrevealed relationships with other data (Bonanno et al., 2001).

1 INTRODUCTION

The non-random and connectional nature of financial markets actually means that predicting future price movements of financial assets is possible with certain methodologies. Securities price changes randomly, according to Lous Bachelier's random walk hypothesis. As explained in the hypothesis, it occurs randomly and cannot be predicted (Bachelier, 1900). The concept of "randomness", on which the random walk hypothesis is based, is a philosophical question that has been discussed for centuries and is considered as an epistemic lack of access and an ontological feature (Hromkovic, 2005; Rosenberg and McIntyre, 2011). In the 21st century, financial data is created by computers as a result of technological advances, especially high-level developments in computer technology. As in many branches of science, it is not fully possible to create a random variable in computer science, and generally "psuedo random" algorithms that imitate randomness statistically are used. These algorithms produce random results for 'only human perception' because the human capacity to process and store information is very limited. However, when the same results are given to artificial intelligence algorithms running on computers with processing and memory capacities far superior to those of humans, patterns underlying the random appearance emerge and their predictability increases significantly (Kolmogorov and Uspensky, 1987). This situation defends the view that randomness is a lack of epistemic access, and this view is accepted as correct by a wide scientific community. Many situations that are described as random are just actually situations in which the available information and information processing speed are insufficient. Concepts such as processing information, analyzing, interpreting and making predictions are just a regression problem for artificial intelligence.

2 EXECUTIVE SUMMARY

Developments in computer technology have produced results that deeply affect the functioning of businesses, as in many areas. Businesses have access to data called big data like never before. Simple statistical and mathematical techniques have been insufficient in analyzing this data, so it has become necessary for businesses to use artificial intelligence techniques to analyze this big data and use it in fast and effective decision-making processes. As a result, new business models compatible with the use of artificial intelligence techniques had to be developed (Borges et al., 2021)..

The financial sector has experienced a major transformation in recent years.

Artificial intelligence and algorithmic trading are increasingly being used to develop investment strategies that are faster, more precise and automated than traditional financial methods.

The Rise Of Articial Intelligence

Articial intelligence offers features that redene the financial industry, such as big data analysis, predictions, and personalized services, thus building the foundations of smart investments.

Data Mining And Predictions

Artificial intelligence is used to predict future trends by analyzing large amounts of financial data. The ability to analyze price movements of financial assets such as stocks, exchange rates and commodities gives smart investors an advantage.

Risk Management

Artificial intelligence plays an important role in risk analysis and portfolio management. Thus, portfolio diversification and risk minimization strategies can be applied automatically.

Speed & Data Analysis

Algorithmic trading is known for its ability to execute fast transactions. Artificial intelligence can make instant decisions and perform transactions quickly by analyzing real-time data.

Personalized AI Services

Artificial intelligence gives financial service providers the ability to offer customized services to customers. Recommendations, predictions and risk analysis can be personalized.

Social & Environmental Responsibility

The financial sector monitors and encourages sustainable investments and environmental impact with artificial intelligence.

Artificial intelligence reshapes the financial industry by enabling smart investments. With its predictive capabilities and data-driven insights, it empowers investors to make informed decisions and better optimize their portfolios. The increasing prevalence of smart investments and related strategies can accelerate financial decisions while significantly reducing risks.In the future, the role of artificial intelligence in the financial sector will grow further and the effects of these technologies will be felt more. By adopting AI-powered tools and strategies, investors can unlock new opportunities for growth and success.

CDD STAMP

EFFICIENT & SMART **AI INFRASTRUCTURE FOR CAPITAL MANAGEMENT**

IN BOTH TRADITIONAL FINANCE
& CRYPTO-MARKETS.

PRODUCT OVERVIEW

As CDD Stamp, by combining a large number of diverse regression methods, on-chain data, pattern recognition algorithms and a set of machine-learning models into a single system, we are developing an Artificial Intelligence infrastructure for the efficient and smart management of investors' capital in traditional financial and crypto-markets.

The primary purpose of CDD Stamp products for technical analysis is to enable or facilitate innovation in the field of technical analysis. Our AI-powered innovation use deep learning, generative adversarial networks, and other cutting-edge algorithms to create or discover new technical analysis techniques, indicators, patterns, and signals that are not possible or obvious using traditional methods. CDD Stamp AI-powered innovation also uses data mining, feature extraction, and dimensionality reduction to uncover cause-effect relationships, correlations, and causalities between technical and fundamental analysis variables and outcomes. The solutions we offer help investors, analysts and all market participants discover new opportunities, gain competitive advantage and improve their creativity.

Considering cryptocurrencies as an asset class; Valuation of crypto assets relies on a number of complex metrics that have been developed in recent years to measure on-chain activity through various parameters, many of which continue to be innovated and improved to this day. The most popular on-chain metrics for fundamental analysis were first created for Bitcoin, the world's first cryptocurrency, and have not been as useful when applied to other non-Bitcoin crypto assets. Since fundamental analysis of crypto assets is based on examining data from the blockchain, investors should focus on many different factors related to a coin's underlying technology, namely its underlying consensus, usability norms, and security model, before using on-chain data when performing any valuation analysis. The use of on-chain metrics for valuation analysis requires a strong knowledge of the technical functions and features of a crypto-asset and its blockchain, and market participants will have to internally adjust calculations or perform in-depth analysis to more accurately identify trends affecting the price of a crypto-asset. Must be willing and able to evaluate. Considering that the reasonable majority of market participants do not have sufficient knowledge on these issues, the use of artificial intelligence in matters such as analysis, interpretation and evaluation of on-chain data can provide a serious advantage. Rather than being a one-size-fits-all solution, the analysis of on-chain data in crypto asset valuation assumes that on-chain fundamentals are metrics that will be dynamically applied and frequently adapted as the market and technology of crypto assets evolve. On-chain fundamentals may need to be combined with classical technical analysis or risk and sensitivity analysis to form an accurate and holistic view of the asset's value, also due to the various ways data providers can interpret blockchain data, it is very important for investors to start learning fundamental analysis by first understanding popular methodologies for calculating on-chain metrics, and then combining it with technical analysis methods as a valuation tool to make more effective investment decisions. Most complex valuation models are extremely limited in terms of inability to process data, universality, and applicability across different crypto assets, but artificial intelligence can eliminate this challenge. The artificial intelligence driven solutions developed by CDD Stamp details the building blocks needed to understand and correctly apply fundamental and technical valuation methodologies for crypto assets and other financial instruments, with many different approaches.

CDD STAMP's SOLUTIONS POWERED by AI

AI BASED FORECAST and ANALYSIS MODELS

Predictions and interpretations about future price movements of Bitcoin and all Layer 1 Coins, as well as stock market indices such as Nasdaq, S&P500, DAX and XU100, with artificial intelligence-powered analysis, pattern recognition algorithms, artificial neural networks and regression models.

AI BASED ON-CHAIN SOLUTIONS

CDD DATA

· CDD data generated on a block basis

· CDD data generated hourly

· CDD data analysis in each solved block and alarm generation in case of anomaly

· Pre-detection of CDD data that has not yet occurred via Mempool and alarm generation

SMART TRANSACTION DATA

· Transported BTC UTXO analysis.

· Analysis of BTC ages moved

WALLET DATA

· Labeled Wallet and Sorting

· Classification of BTC transferred for each solved block

· Retrospective transfer history

· Great transfer tracking

· Stock Exchange, Miner etc. BTC transfer tracking of groups such as.

· Exchange In/Out Flow data

· Miner In/Out Flow data

· Tracking of transfers to Spot and/or Derivative exchanges

· Tracking of transfers that have not yet been completed via Mempool.

· Tracking and alarm generation of large transfers via Mempool

· BTC tracking and alarm generation sent to exchanges via Mempool

· Monitoring and alarm generation of wallets belonging to companies that have received ETF approval (Grayscale, Blackrock, Fidelity, etc.).

· TX alarm mechanism for desired Wallet.

4 CUSTOMER SEGMENTATION, KEY FEATURES & BENEFITS

Our solutions based on artificial intelligence for forecasting, analyzing and modeling in financial markets can cater to a wide range of users. This product stands out for its ability to analyze market trends, manage risks, and provide in-depth insights for investment decisions. Here are potential customer segments that could benefit from this product and how they could utilize it:

4.1. Investment Banks and Financial Institutions

Predictions and interpretations about future price movements of Bitcoin and all Layer 1 Coins, as well as stock market indices such as Nasdaq, S&P500, DAX and XU100, with artificial intelligence-powered analysis, pattern recognition algorithms, artificial neural networks and regression models.

4.2. Hedge Funds and Private Equity Firms

- Product Usage: Portfolio management, identification of investment opportunities, risk management strategies.

- Benefits: High-performance investment strategies, protection against market volatility, informed approach to investment decisions.

4.3. Individual Investors and Traders

- Product Usage: Analysis of market trends, support for investment decisions, portfolio optimization.

- Benefits: Support in achieving personal investment goals, quick adaptation to market changes, reduction in risks.

4.4. Financial Advisory Firms

- Product Usage: Customized investment strategies for clients, market research, and forecasts.

- Benefits: Adding value to clients, competitive advantage, enhancement of advisory service quality.

4.5. Insurance Companies

- Product Usage: Assessment of market risks, management of investment portfolios.

- Benefits: Accuracy in pricing insurance products, optimization of capital allocation, cost reduction.

4 CUSTOMER SEGMENTATION, KEY FEATURES & BENEFITS

4.6. Educational Institutions and Research Institutes

- Product Usage: Financial modeling and analysis for educational and research purposes.

- Benefits: Innovation in academic research, practical application opportunities for students and researchers, in-depth understanding of financial markets.

CDD Stamp AI-based solutions provide the above-mentioned customer segments with critical information to manage market complexities and support decision-making processes. Institutions and individuals in the finance sector can achieve higher accuracy in market predictions, improve risk management, and optimize investment strategies with this product. This not only increases financial returns but also builds a more resilient and flexible structure against market fluctuations.

5 TOKEN ECONOMY

UTILITY

$CDD token; It serves as a utility token in the CDD Stamp ecosystem, providing various benefits and functions to token holders. Here are some key features of the CDD token created on the Polygon Network:

Access to CDD Stamp Products and Services:

CDD token holders have exclusive access to premium features and services offered by CDD Stamp. This includes access to advanced AI models, unlocking additional functionality in the AI extension, and participation in special training programs. CDD token is not a payment instrument, that is, it is not used as a simple payment method on the CDD Stamp platform, instead, those who hold a certain amount of $CDD can periodically access the products and services offered by the platform. We attach importance to increasing the number of holders, this will prevent excessive price fluctuation in the long run and allow mass adoption.

Discounts and Incentive Programs:

CDD token holders and holders can benefit from special discounts, incentives, and priority and early access to future products, services or events offered by CDD Stamp. This creates a real value proposition for token holders, as well as encouraging active participation in the ecosystem and increasing the number of holders.

Voting and Governance:

CDD token holders will have the opportunity to participate in the decision-making process of the CDD Stamp ecosystem. Users who hold CDD tokens can exercise voting rights on major product developments, protocol upgrades, offerings, incentives and strategic initiatives, contributing to the future development and direction of the platform.

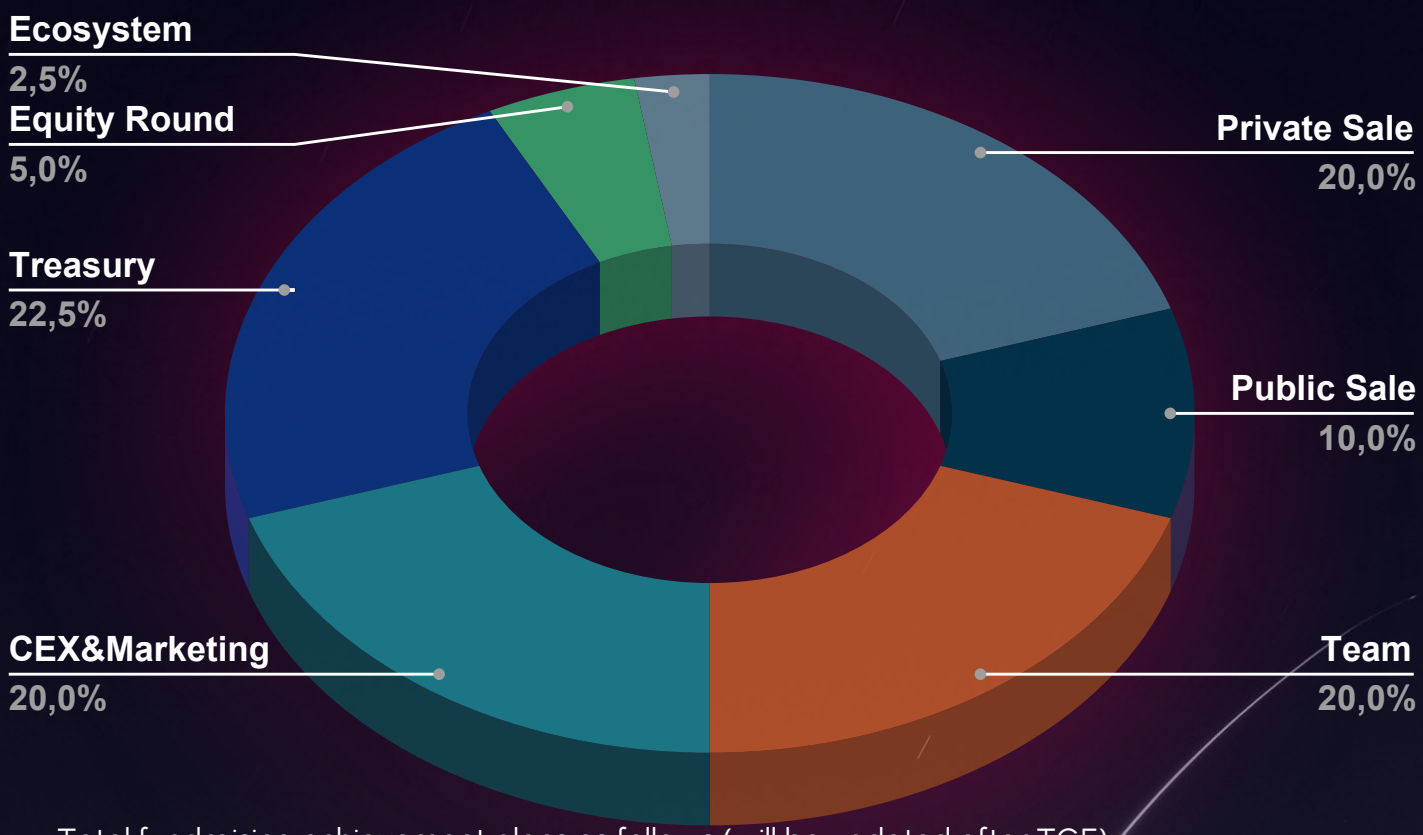
Data Royalties:

Data providers both individuals and institutions may receive $CDD as part of solution engagement. CDD Stamp can also ensure that balances be settled by paying out the partners with Fiat currency.

Besides all these core functions and benefits, the CDD token can serve as a native auxiliary mechanism to optimize incentives and ensure continuous growth and innovation in the ecosystem.

TOKEN ALLOCATION

CDD has a total supply of 1,000,000,000 tokens, distributed as follows:



- Total fundraising achievement plans as follows (will be updated after TGE);
- %5 Equity Round (Vesting: 6 months, quarterly release)
- %20 Private Sale (Vesting: 25% TGE, quarterly release)
- %10 Public Sale
- %20 CEx&Marketing
- %22,5 Treasury (Vesting: 12 months, quarterly release)
- %20 Team (Vesting: 3 months, quarterly release)
- %2,5 Ecosystem
- (Incentive Programme)

Total:

$2,4M

There are no planned token emissions. CDD is not designed to be inflationary and there are no plans to mint more tokens. 'Limited Maximum Supply' will serve various purposes, including controlling inflation, maintaining ecosystem health, complying with regulations, and enhancing community engagement.

DEFLATIONARY ECONOMICS

After the equity and private shares vesting period ends, a certain amount of CDD tokens will be burned for the amount to be unlocked, together with the opening dates of the token locks. Token burning will be covered by the platform's token revenues. Token revenues will be locked for a certain period and when the equity & private share vesting process is completed, the maximum supply will be reduced to 750 million with the token burn event. Deflationary Economics will serve various purposes, including controlling inflation, maintaining ecosystem health, complying with regulations, and enhancing community engagement. As CDD Stamp, we plan to put a balance that impacts token value positively by increasing scarcity and demand.

STAKING CDD

Staking CDD Token will offer the opportunity to earn passive income on $CDD for those who plan to hold for the long term and will have the potential to be an extremely rewarding investment. More details will be announced soon.

CDD DAO & Governance (soon)

Proposals will be submitted to the community to make decisions concerning the CDD Stamp. CDD Token holders will have voting rights about what new product solutions will be added to the platform. Studies on a fair governance structure will be onboarding, and details will be announced.

6 WHY POLYGON?

High Scalability:

Polygon is designed as a sidechain that runs parallel to Ethereum, significantly increasing transaction volume. It allows for more transactions to be processed with low transaction times and high throughput.

Low Transaction Fees:

Transactions on the Polygon network are much more cost-effective compared to Ethereum and Bitcoin. Low gas fees make it a more economical option for users and developers.

EVM Compatibility:

Polygon is fully compatible with the Ethereum Virtual Machine (EVM), enabling existing smart contracts and dApps running on Ethereum to be easily ported to Polygon. Minimal changes are required for developers on existing tools and code.

Strong Security:

The Polygon network uses the Proof-of-Stake (PoS) consensus mechanism, providing a secure and decentralized network. Additionally, Polygon's security is supported by the Ethereum main chain.

Active Ecosystem and Broad Support:

Polygon has a large and active developer community and is used by various DeFi, NFT, and gaming projects. It is supported by a robust infrastructure and strong partnerships.

Modularity and Flexibility:

Polygon offers developers various scalability solutions, such as POS chain, Plasma chains, zk-Rollups, and Optimistic Rollups. This modular structure allows projects to choose the most suitable scalability solution for their needs.

Interoperability:

Polygon promotes easy integration between different blockchain networks. This enhances the interaction of various projects with different blockchain ecosystems, increasing interoperability.

7 MARKET OPPORTUNITY

Developments in computer technology have produced results that deeply affect the way companies operate, as in many areas. Companies have more information than ever before, called big data. Many statistical and mathematical methods are insufficient to analyze and make sense of big data. It has emerged that companies need to use artificial intelligence techniques to analyze big data and use it in fast and effective decision-making processes. As a result, new business models compatible with the use of artificial intelligence have to be developed. The McKinsey Global Institute expects that around 70 % of companies would adopt at least one type of AI technology by 2030, while less than half of large companies would deploy the full range, also,

According to PwC, AI applications have the power to transform the way business is done and contribute up to $15.7 trillion to the global economy by 2030.

In the recent decades, economics and finance have become increasingly interactive and interconnected with the advancements in broad artificial intelligence and data science. This carries forward the long-term increasing trend of interdisciplinary synergy between AI, finance and economics, which has been substantially strengthened recently due to the new-generation AI advancement and emergent applications for FinTech. AI could play unique, irreplaceable and significant roles in addressing the various areas and challenges for Financial Technology and Economy, systematic and interactive landscape of the synthesis between AI and finance that drives smart FinTech. For example; for global banking, McKinsey estimates that AI technologies could potentially deliver up to $1 trillion of additional value each year. Accenture's study Share-of-profit increase per industry between baseline in 2035 and AI steady state in 2035 states that; the impact of AI on profits by the Finance Industry is %31. Also, Peter Salvage, Managing Director of Credit and Private Debt Solutions, said in an article he published: "Hedge funds' use of AI is accelerating and reshaping the industry... Understandably, firms will go to great lengths to keep this information confidential." Moreover, Swiss Financial Services, which is the founding partner of The Vermillions, states that AI is revolutionizing the alternative investment industry. Hedge fund managers are harnessing its capabilities to bolster their investment processes and drive better returns. The OECD also emphasized the importance of AI and included the following statements in its report published in 2021; "The main use-case of AI in asset management is for the generation of strategies that influence decision-making around portfolio allocation, and relies on the use of big data and ML models trained on such datasets. Information has historically been at the core of the asset management industry and the investment community as a whole, and data has been the cornerstone of many investment strategies before the advent of AI (e.g. fundamental analysis, quantitative strategies or sentiment analysis)." According to research made by Longbing Cao (University of Technology Sydney) AI in economics and finance has been explored for over decades as a typical application of AI.

8 COMPETITIVE LANDSCAPE

Cryptoassets are issued and transmitted by public blockchains. There are many different ways that affect parameters such as the security, use and maintenance of blockchains, which naturally seriously affects the way data is stored on these networks. Depending on the nature and technical foundations of the blockchain, information about a crypto asset published on the network is recorded differently. The role of blockchain data providers is to index, parse and visualize raw blockchain data in easily readable and accessible formats for users and investors.

Blockchain platforms such as Blockchair, Etherscan and Bnbscan provide simple and effective basic information about the real-time transaction history of a single coin. These platforms are public websites that can be used to verify the status of the blockchain as soon as the network goes live. On many public blockchains, such as Bitcoin, users can also run their own archive nodes and capture raw blockchain data themselves. But when it comes to analyzing, valuing, interpreting a blockchain's usage patterns over time, and comparing them to other chains, users normally have to rely on data providers like Coin Metrics, CryptoQuant, and Glassnode. However, as mentioned before, while the ability of the reasonable majority of market participants to analyze on-chain data accurately and accurately and to combine such data with classical methods is a matter of debate, there has been a need for an artificial intelligence that can process and interpret many data in the analysis of a financial instrument such as Bitcoin. At this point, CDD Stamp, in addition to being a classical data provider with the artificial intelligence it has developed, helps users in matters such as analysis and interpretation of Crypto assets and makes this internal evaluation public.

FUTURE PLANS & IMPROVEMENTS

Looking ahead, CDD Stamp has a bright roadmap for future development, improvement and growth with the Polygon. We are committed to constantly doing our best and expanding the innovative AI-based solutions our platform offers.

Introducing additional AI-powered features

We will continuously leverage the latest advances in AI to bring new features and functionality to the CDD Stamp platform. This will include advanced data analysis, predictive modeling and then personalized recommendations to further delight our users and strengthen our community.

Integration with emerging Polygon network innovations

As the Polygon ecosystem continues to evolve, we will stay at the forefront of technological developments and integrate with emerging incentives, protocols and standards. This will allow our users to benefit from a wide range of web3 and, by extension, the unique potentials of Polygon.

Community-driven development

We believe in the power of community collaboration and growing together. We will actively communicate with our users to collect feedback, suggestions and feature requests. Through community-driven development, we will ensure that CDD Stamp fully meets the evolving needs and expectations of our users.

Community Participation and Governance

At CDD Stamp, our community's participation and feedback is very important to us. We encourage active participation from our users through a variety of channels, including social media platforms, community forums and all feedback mechanisms. We believe that the collective intelligence and different perspectives of our community will contribute to and further direct the continuous improvement and growth of our products.

We are excited about the future of CDD Stamp and the positive impact and innovative approach it will have on the Polygon ecosystem. We are confident in our ability to shape the future of decentralized AI by adhering to our roadmap, continuously monitoring, adopting and applying emerging technologies, and actively engaging with our community.

Join us on this ever-growing community-driven journey as we revolutionize the way we interact with AI, focusing on unlocking the full potential of Polygon. Together we can build a smarter, innovative and inclusive future.

CDD STAMP

10 EXPLORE OUR ROADMAP

Q1 2024:

Drafting of web3 docs, specifications, initial design and development. -Ensuring the token standard and carrying out the testing process. -Performing necessary security audits.

Development of a first version with integration of on-chain libraries and initial AI solutions.

Q2 2024:

Implementation of the payment distribution system to the platform. -Onboarding of the alpha version of the platform.

Onboarding of the first real customers for the testing process.

Signing partnership agreements.

Launch of 'CDD' Token private sale round.

Q3 2024:

Release of AI-powered data exploration features, new adoption metrics and subchain stats.

Development of a second, improved version in private beta access with a large community.

Release of the CDD token on the market. (Public Sale)

Developing and testing the Yield Boost for CDD Stamp API.

1st Cex Listing.

Q4 2024:

Integrating AI powered solutions for new financial asset classes on CDD Stamp.

Starting development of the 'Community Driven Governance' model.

Determination of the road map for 2025 with a community voting.

Process of expanding in-platform payment methods via both Usdt and credit card.

11 TEAM & ADVISORS

The CDD Stamp team comprises 11 members, including advisors and developers with diverse expertise in the field of supply chain, asset management, finance, artificial intelligence, data science and blockchain engineering.

Oğuzhan Şengör
Co-founder / CEO

Oğuzhan has many years of experience in the financial sector and is also a tech investor and entrepreneur. He has a successful company management background in the fund management field. He has invested not only in traditional markets but also in many blockchain startups and cryptocurrencies for 10 years. His successful background allows him to structure and plan the project's financial architecture.

Naki Pektaş
Co-founder / CGO

Naki has worked on investment financing and cost analysis for 10 years in the one of the world's leading Construction Company, later he managed his own business and has shown serious success in this field. He also provided consultancy services to many companies in Russia in the field of Engineering Management.

İsmail Çiftçi
Developer

İsmail is a cyber security expert and trainer, providing training and consultancy services on topics such as the security network of electronic information systems and various advanced algorithms.

Erhan Şahin
Product Owner

Erhan has worked in the IT departments of leading companies for 20 years as a senior network engineer. He has serious experience and knowledge in fields such as Artificial Intelligence, Internet of Things and data science.

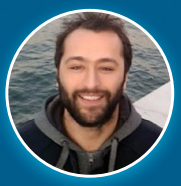
Mehmet Özdemir
CTO

Mehmet is a data scientist and AI specialist. He worked as a senior software engineer and team manager at an international software company based in the USA. He helps structure the project software and set up processes in leading companies.

Emre Özdemir
Advisor

Emre is a software engineer focused on developing software that works specifically with blockchain systems. He has worked at leading companies in the blockchain industry such as N-chain and Bitcoin SV, Emre is also the founder of Ordynals and Mastermind, blockchain startups.

Yusuf Dede
CIO



Yusuf worked as a Tech Lead at an international company based in the Netherlands, developing unique software solutions for the companies seeking AI solutions to their businesses. He has more than 10 years of experience in software development.

Ali Murat Güler
Interface & Graphics

In love with Jazz, but not all that jazz.

12 FINANCIAL PLAN & USE of FUNDS

After deducting any applicable tax payments, setup costs, and fees, the following use of the private, public sale and equity raise funds, by all CDD Stamp group companies, is envisioned for the 18-24 months after the Token Generation Event;

Approximately 80%, the majority of the funds, is planned to be invested in product development, diversification and AI training.

Approximately 10% of the funds is planned to be used for Marketing activities. It will be used for various activities (ads, events, influencer hubs, promotions, etc.) to help CDD Stamp become popular and attract companies and individuals to the platform.

Approximately 10% of the funds will be kept in reserve for Legal and Security Audits or to cope with unexpected and administrative topics.

All funds are held in a multi-sig cold wallet controlled by the C-Level team. Any movements of funds require at least 4 out of 5 signatures from the top management team.

13 LEGAL DISCLAIMER

The information provided in this Whitepaper does not constitute financial advice, trading advice, investment advice, legal advice, or any sort of advice whatsoever, and you should not treat the Whitepaper as such. The Whitepaper is intended for general informational purposes only and does not constitute a prospectus, an offer document, an offer of securities, a solicitation for investment, or any offer to sell any product.

All crypto related projects and startups are subject to high market risk. Please make your choice very cautiously and do your own diligence.

14 REFERENCES

- Bonanno, G. Lillo, F. Mantegna, R. N. (2001). Levels of complexity in financial markets. Physica A: Statistical Mechanics and its Applications,1-2, 16-27.
- Bachelier, L. (1900). Theory of speculation (Yayımlanmamış doktora tezi). Paris: University of Paris.
- Hromkovic, J. (2005). Design and analysis of randomized algorithms (1. ed.). New York: Springer Publishing.
- Kolmogorov, A. N. and Uspensky, V. A. (1987). Algorithms and randomness. Theory of Probability and Its Applications, 32(3), 389-412. Retrieved from www.siam.org
- Rosenberg, A. and McIntyre, L. (2011). Philosophy of science. Oxforshire: Routledge.