

By the Prince



WHITEPAPER – THE DEFI 2.0

EXTRACTO
DAO

www.extractodao.com



ExtractoDAO LTD

“If you don’t believe it or don’t get it, I don’t have the time to try to convince you,
sorry”.

Satoshi Nakamoto

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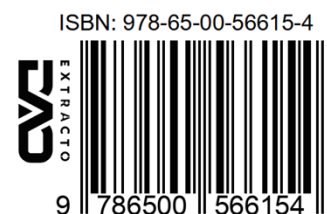
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ExtractoDAO LTD

*To **Satoshi Nakamoto** and **Sophia Milla Almeida**, who keep me looking to the future with hope.*



ExtractoDAO LTD

We are creating the future

www.extractodao.com

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December, 2022

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About ExtractoDAO

ExtractoDAO is a Decentralized Autonomous Organization (DAO) with the mission to decentralize the real-world physical economy industry using its blockchain technology. The organization aims to fractionalize tangible and intangible assets through smart contracts, offering a unique solution in the market.

ExtractoDAO's primary focus is to offer advanced technology solutions that empower the physical products economy with simplified and cost-effective access to blockchain technology. By leveraging the platform, businesses can significantly reduce their operational costs in comparison to traditional market trading methods.

At the heart of ExtractoDAO's offering lies a decentralized ecosystem designed to streamline the management of smart contracts. This ecosystem serves as a transparent and fully audited alternative for issuing smart contracts, encompassing both financial assets and Web 3.0 products on the blockchain.

ExtractoDAO is focused on developing a decentralized financial market ecosystem that caters to robust institutional operations.

One of its pioneering features is the world's first decentralized DRAWER technology, which enables archiving and burning of smart contracts while ensuring privacy protection for contractual clauses between parties. This technology allows for the trading of various smart contracts, enabling startups and companies to list their contracts, fractionalize their products, and independently sell them in the market. Users can easily trade smart contracts by executing their individual contracts, with buyers receiving their legal rights.

Additionally, ExtractoDAO has developed the first decentralized exchange (DEX) for executing smart contracts, encompassing a wide range of tangible and intangible assets for Web 3.0. This DEX aims to revolutionize the trading market for real-world physical economy products on the blockchain. It supports the issuance of futures contracts for commodities such as energy, oil, gas, coal, metals, and agricultural commodities that have been overlooked by traditional exchanges.

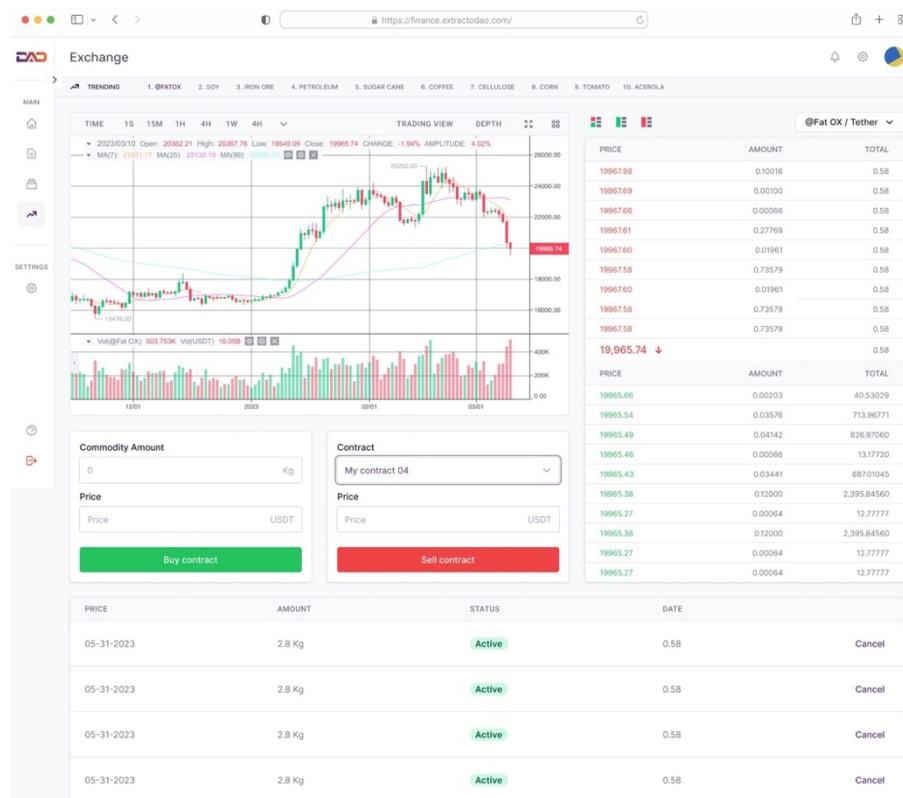
ExtractoDAO is concerned about the problems caused by the lack of interoperability between blockchains, which are increasing in number in the market every day. The existence of a blockchain with sub-blockchains operating on the same network solves this significant problem. That's why the startup introduced the concept of a blockchain focused on generating smart contracts between two or more parties, rather than tokenizing an asset. In this way, everyone can archive expired contracts, either by disposing of them through



burning or by keeping them stored in the Drawer technology, as demonstrated in the YouTube videos for the entire market to appreciate. There is only one place where you archive documents and contracts, in a Drawer as proposed by ExtractoDAO, given that all documents are on the blockchain.

ExtractoDAO, with its technology, will allow everyone to create their own blockchain connected to its main blockchain while issuing contracts that will be listed with all the advantages compared to the complex tokenization of assets in the market. This freedom is not currently permitted in networks that impose high gas fees and still have conflicts regarding creativity and the possibility of doing new things depending on permissions and updates from the creators. However, with ExtractoDAO and its blockchain of interconnected blockchains on the same network, focusing on the issuance of smart contracts between parties, all these problems will be overcome. Today, the market can already see what ExtractoDAO is capable of doing. It is not just talking about a distant future but already exploring existing technologies to create this innovative market.

The objective of ExtractoDAO's decentralized exchange (DEX) is to revolutionize the trading market for real-world physical economy products on the blockchain, bringing about significant changes. It facilitates the issuance of futures contracts for various commodities, including energy, oil, gas, coal, metals, and agricultural commodities that have been overlooked by traditional exchanges. ExtractoDAO is also committed to developing a centralized exchange (CEX) platform as a standard that benefits all markets by leveraging the power of blockchain technology.





ExtractoDAO's technology allows individuals to create their own blockchain connected to the main blockchain, issuing contracts that offer advantages over complex asset tokenization in the market. This freedom is not currently permitted in networks that impose high gas fees and have conflicts regarding creativity and permission dependencies. However, with ExtractoDAO's blockchain of interconnected blockchains on the same network, focusing on smart contract issuance between parties, these problems are overcome.

While the market primarily focuses on tokenizing financial assets, ExtractoDAO is committed to digitizing the economy of physical products and making them accessible to the wider public. This paradigm shift enables the emergence of new dApp ideas and innovative DeFi models, providing flexibility and unlocking possibilities by eliminating the need for collateralized funds. The ExtractoDAO team is dedicated to developing a unique blockchain that incorporates all assets into the decentralized market, offering legal security, simplicity in filings, and unprecedented contract issuance for clients.

While the market primarily focuses on tokenizing financial assets, ExtractoDAO is committed to digitizing the economy of physical products and making them accessible to the wider public. This shift in paradigm allows for the emergence of new dApps ideas and innovative DeFi models in the market. It eliminates the need for funds to be locked up as collateral, providing greater flexibility and possibilities. The ExtractoDAO team is dedicated to developing a unique blockchain that incorporates all assets into the decentralized market, offering managers legal security, simplicity in filings, and unprecedented contract issuance for their clients.

The development team is determined to create libraries that are currently absent from the market, empowering developers to unleash their creativity for new projects. While tokenization has served its purpose, the ExtractoDAO team acknowledges that a market solely focused on tokenization may lead to a generation of stagnant and uncreative developers. In contrast, ExtractoDAO's blockchain solution for smart contract issuance and listing between multiple parties opens up possibilities for genuine development in the DeFi market.

It is crucial for the market to comprehend and delve into the development of DeFi. Limited-minded individuals perceive DeFi's role solely as token locking in multilateral agreements and basic lending and borrowing. If that were the case, DeFi would be a superior and safer solution for investors in the financial market. ExtractoDAO presents the best proposition for the market, introducing something novel and operational. The team will continue to advance its development in the years to come, aiming to deliver the best and most advanced blockchain solution for the decentralized market.

Community-Owned Wealth Securities (COWs): Empowering the Global Physical Product Market through Innovation.

COWs (Community-Owned Wealth Securities) operates as a digital representation of ownership and value generated by smart contracts. Before the contract expires, the title can be traded among third parties and registered on the blockchain, along with the corresponding values. After expiration, the smart contract can be burned, generating the COW Stablecoin. The COW Stablecoin can be used as currency or traded on the liquidity pool and trading platform of ExtractoDAO's DEX.

The title serves as a transition from the smart contract to the issuance of the stablecoin, enabling COW titles to be traded among individuals before they transform into Stablecoins. COWs (Community-Owned Wealth Securities) provides a seamless transition from smart contract ownership to a stablecoin while maintaining an escrow-like mechanism for enhanced understanding and transferability.



The COW stablecoin is designed to bridge the gap between ownership of smart contracts and the issuance of stablecoins within the ExtractoDAO ecosystem. This whitepaper presents an enhanced concept for COW, emphasizing its role as a digital representation of ownership and the seamless transition to a stablecoin.

COW as Digital Ownership Representation

COW operates as an innovative tokenized ownership mechanism for smart contracts. Prior to the smart contract's expiration, it can be traded between third parties, with the possessor holding a registered ownership title on the blockchain. This title represents the value that will be generated in COW, owned by the buyer of the contract.



Escrow-like mechanism secured by Cows as an alternative to staking

ExtractoDAO understands that the mechanisms of token staking and multilateral collateral locks have proven to be flawed in all existing DeFi projects. As an innovation, ExtractoDAO departs from these faulty mechanisms and relies on the real economy of physical products, enabling participants in the ecosystem to achieve tangible results in DeFi operations that can be predictable and reliable.

The existence of the ownership title signifies the value that did not previously exist, but it is represented in the community's ownership title. This title serves as a transitional escrow mechanism during the smart contract's lifespan, indicating the forthcoming value transfer to COW stablecoins upon contract expiration.

Seamless Transition to Stablecoin

Upon the smart contract's expiration, it can be burned to generate COW stablecoins. This transition is facilitated seamlessly, ensuring a secure and efficient conversion process. The stablecoin functionality of COW allows for wider usability as a currency and opens up opportunities for trading within the liquidity pool and on the ExtractoDAO DEX platform.

Increased Tradable Potential

The ownership titles, representing the forthcoming COW stablecoins, can be traded among individuals prior to their conversion. This allows for dynamic market participation, increasing liquidity and tradability within the ExtractoDAO ecosystem.

Liquidity Pool and DEX Trading

COW stablecoins can be easily traded within the integrated liquidity pool, enabling users to seamlessly exchange them for other digital assets USDT, USDC, BUSD or DAI. Additionally, the ExtractoDAO DEX platform offers a decentralized trading environment, where COW stablecoins can be freely exchanged between third parties, fostering a vibrant and liquid market.

The enhanced concept of COW, as presented in this whitepaper, strengthens its role as a community-owned stablecoin within the ExtractoDAO ecosystem. By leveraging ownership titles, seamless transitions to stablecoins, and integration with liquidity pools and decentralized trading, COW offers an improved and comprehensive solution for secure, transparent, and efficient value transfer within the decentralized ecosystem.

The ExtractoDAO Smart Contract Liquidity Creation Model

Anyone with an internet connection can participate, create, and sell future contracts for physical products, regardless of their geographical location on the ExtractoDAO. This



revolutionary system showcases how decentralization and user autonomy can reach their pinnacle.

The DeFi (Decentralized Finance) ecosystem has been a fertile ground for revolutionary financial innovations. However, it also faces significant challenges, especially in maintaining true decentralization. A recurring issue in many DeFi projects is centralization, which can erode trust among participants and contradict the fundamental principles of DeFi.

Tokens are widely used in DeFi, and their custodial operation makes DeFi more similar to CeFi or Centralized Finance. This means that when DeFi relies on centralized entities to maintain and manage underlying assets like Bitcoin, it creates a potential point of centralization, contradicting the core principles of DeFi, which emphasize decentralization and the absence of the need for trust in third parties.

Creating and selling independent smart contracts for future physical products on the market.

Global DeFi Context:

In the global DeFi landscape, the creation and trading of future contracts for physical products by ExtractoDAO will be a point of revolutionary innovation. This not only enables global participation but also promotes decentralization and user autonomy, driving the ongoing advancement of the DeFi ecosystem. By promoting the production of physical products and independent contract listings, ExtractoDAO will shape the future of decentralized finance.

Production of Physical Products and Fundraising:

The seller must raise and utilize funds to create physical products, such as beef, garlic, potatoes, melons, apples, and extract minerals, gemstones, solar energy, carbon credits, industrial products, and various other products. The listing of smart contracts will be independent but supervised in the same way some DEXs decide on products on their platform.

Money goes to the contract seller's wallet:

Investors' money is directed to the contract seller's wallet, which deploys the smart contract when creating their investment offering and assumes responsibility for producing the physical product or asset and paying its participants or non-securities product investors. They will also be responsible for creating and maintaining their liquidity pool. The producer must hire developers in the same way they would if they were tokenizing products.

Contract Expiry:

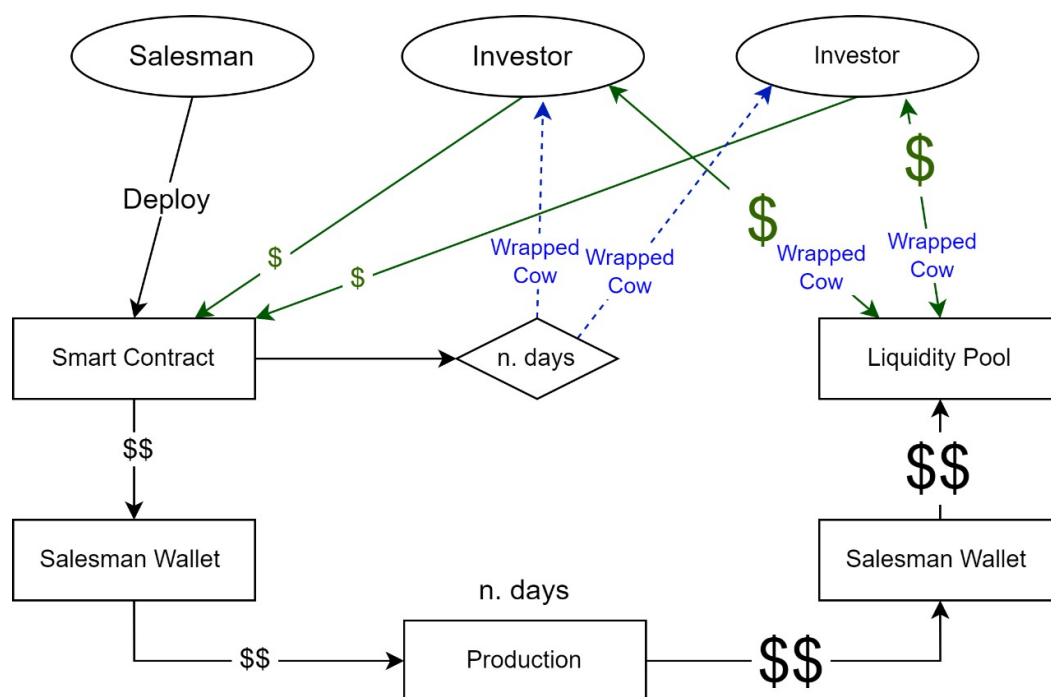
After a predetermined period (e.g., 135 days), the futures contract expires, and the seller is obligated to honor the contract by making payments to their investors and delivering the

physical product or asset. The responsibility lies with the contract issuer. All investors who purchase a contract should be aware of the independence of the contracts, similar to how a token is independent on the Ethereum network and does not hold third-party fraud liability.

The Creation of the 'Wrapped Cow'

Creation of the "Wrapped Cow": To fulfill futures contracts, the seller creates an intermediary token called the "Wrapped Cow," representing the value of the physical product or asset.

The 'Wrapped Cow' will be independently created on ExtractoDAO, addressing concerns about the centralization of the DeFi ecosystem through a decentralized approach to creating Cows. ExtractoDAO uses various smart contracts to generate Cows, ensuring that the assets backing Cows are managed in a decentralized manner. This means that there is no single centralized entity responsible for creating Cows, but numerous users around the world, reducing counterparty risk and aligning more closely with DeFi principles.



Creation of Decentralized Future Contracts:

Investors purchase third-party future contracts on the DEX: Investors from around the world buy future contracts for physical products from third parties (e.g., cattle, metals, ores, gemstones, carbon credits, and independent solar energy) who can create the future



contract and decide in which stablecoins they want to receive payment from future contract buyers, such as USDT, USDC, Dai, and BUSD.

Producers have the freedom to independently create their own future contracts for physical products, customizing them according to their needs and financial objectives. This decentralized functionality promotes innovation and diversification in the DeFi space. ExtractoDAO does not custody third-party funds, manage third-party future contract funds, act as a centralized intermediary, or operate with securities. The world's only DeFi strictly following all global regulatory standards.

Future Contract Expiry and "Wrapped Cow" Generation:

When futures contracts expire, individual investors automatically generate the intermediary token called the "Wrapped Cow," equivalent to the cash value representing the value of the underlying product or asset. This generation is decentralized and performed by the smart contract investor without the need for intermediaries. The responsibility falls on the investor who purchased a future contract from a producer to generate the 'Wrapped Cow.'

Payment and Settlement of Future Contracts by the Producer:

The producer or issuer who raised funds from third parties to produce in the real economy is responsible for settling expired smart contracts. They must settle all future contracts and pay their investors after selling the products on the market, making payments by swapping or exchanging global investors' "Wrapped Cows" for USDT, USDC, DAI, or BUSD. This exchange involves trading 'Wrapped Cows' in the amount of their investment, plus any potential returns from the producer who sold them the future contract. This settlement takes place on the DEX since all holders of smart contracts must place their contracts in the Book for settlement. Each future contract has its own name, which will not cause any confusion. ExtractoDAO will provide a B.Book only for producers to settle their future contracts. This process is executed transparently and securely, ensuring transaction integrity.

The ExtractoDAO, a blockchain-based physical commodities exchange, has formulated its rules with a technical and scientific approach to serve a global market that is continuously evolving, ensuring the protection of its copyrights and technological patents against potential violations by third parties.

Withdrawal of Futures Contracts:

Buyers do not have the ability to withdraw futures contracts before their maturity. However, they have the freedom to sell their contracts to third parties on the DEX platform. In accordance with the established guidelines, they must wait until the contract reaches its maturity date before proceeding with the withdrawal of the intermediary assets, allowing them to participate in the profits earned. The issuers of the contracts fulfill their future



commitment by matching them in a liquidity pool and providing USDT for exchange for "wrapped Cows" or by issuing purchase orders for all contracts.

Multiple Sell Orders:

Sellers enjoy the privilege of entering multiple sell orders on the platform, allowing one sell order for each distinct futures contract they hold. This grants sellers the flexibility to enter an unlimited number of sell orders if they deem it necessary.

Prohibition of Self-Purchase:

It is important to note that the acquisition of one's own contracts available for sale on the platform is strictly prohibited. This measure aims to mitigate self-referential practices, ensuring a fair and impartial transaction environment.

Withdrawal After Maturity:

When a futures contract available for sale reaches its maturity date, it is mandatory for the owner to proceed with the withdrawal of the corresponding assets, such as the intermediary currency "Cow." This requirement specifically applies to contracts offered by ExtractoDAO and involves exchanging these assets for the pairing in the DEX's USDT pool.

Listing by Other Companies or Third Parties:

In the event that a contract is listed by an external entity, such as a company or startup, with the aim of raising funds in the third-party market, it is imperative that these entities acquire the "wrapped Cows" from their clients directly from the Pool or DEX, representing the old contracts that have reached their maturity and have been listed. Additionally, it is important that the "wrapped Cows" maintain a clear reference to the associated contract to allow for traceability in the order book.

Crucial Assumptions:

Assumption 1: By making a contract available for sale, it is presumed that the seller seeks to profit.

Assumption 2: By acquiring a contract offered by another user, it is presumed that the buyer aims to participate in potential gains.

Assumption 3: The responsibility for generating the "Cow" or "wrapped Cow" rests with the contract holder until maturity.

Expired Contracts:

Only contracts that have reached their maturity generate the intermediary currency "wrapped Cow" and "Cow." Contracts that have not been settled by maturity cannot be made available for sale on the platform. However, buyers must generate "wrapped Cows" and exchange them in the liquidity pool created by the issuer. This means that if a user acquires a contract from a producer and the producer fails to settle it in accordance with their obligations, including obtaining the "wrapped Cow" and paying the contract buyer, the contract buyer will incur losses.

Settlement Deadline:

The platform contemplates the possibility of establishing a specific deadline for the settlement of "wrapped Cows" (initially, a period of 7 days). This mechanism aims to prevent pollution of the order book, allowing participants to fulfill their obligations within the specified period. Additionally, the option to explore the creation of a risk options market for these contracts, where buyers and sellers can assume additional risks in the market, is being considered. However, this option will undergo in-depth analysis by the ExtractoDAO team.

Distinctive Nomenclature:

Each contract must be assigned a denomination or reference that uniquely and distinctly identifies it. This measure is essential to ensure unequivocal differentiation between the "wrapped Cows" associated with different contracts, ensuring clarity and transparency within the platform.

These rules form the foundation for the fair and transparent operation of the ExtractoDAO platform, aiming to provide a reliable experience for all participants.

Distinguishing Wrapped Cows from Different Contracts

Distinctive Naming with Project Prefix: Each project or contract-emitting company must assign a unique prefix to the name of the Wrapped Cows generated by their contracts. This prefix should be clearly identifiable and unique for each project.

For example, if we have two projects, "Project A" and "Project B," they can add a prefix to the names of the Wrapped Cows generated by their contracts, such as "ProjectA_Cow" and "ProjectB_Cow." This approach helps distinguish the Wrapped Cows of different projects, making it easier to identify and manage each project individually.

Ensures that there is no confusion between contracts because each contract issuer is responsible for their own liquidity in USDT, USDC, BUSD, DAI, and the creation of a corresponding pool. It also implies that they are responsible for honoring future contracts of their buyers or, in some circumstances, delivering physical products, following the specific rules of the contract made available for sale in the market. This provides transparency,



accountability, and clarity in the platform's operation, promoting a reliable experience for all participants.

Will Market Makers Be Responsible for Price Formation in ExtractoDAO?

In ExtractoDAO, the pricing of futures contracts for physical products will primarily be influenced by the market and the supply and demand for these products. While it's not solely the responsibility of Market Makers (MMs), they can play an important role in the process by providing liquidity and helping to establish fair prices. However, the prices of these contracts should ultimately reflect the real value and market conditions of the underlying physical products, which are less susceptible to manipulation compared to token or cryptocurrency prices. Therefore, pricing in ExtractoDAO will rely more on the dynamics of the physical market rather than direct intervention by MMs.

The rules governing profits or losses of a smart futures contract will not be established by ExtractoDAO. Traditionally, prices for physical products are already formed in the market, unlike tokens that are manipulated by the strategies of specialized market-making companies that manipulate prices up and down to attract traders. ExtractoDAO is creating a mature market where everyone knows the prices of commodities such as gold, silver, garlic, corn, soy, coffee, and potatoes. This allows for more accurate profit and loss predictions in their contracts. Participants can position themselves in new futures contracts and await profits as the market stabilizes. There is no possibility of price manipulation in the future prices of physical products, as can occur with tokens and cryptocurrencies.

Remember that when a smart contract expires, the contract buyer needs to burn the smart contract and generate the Wrapped Cow, which will be automatically sent to their wallets that were used to purchase the contract, in the corresponding value they acquired, including any additional profits or losses generated by the futures contract during its term.



ExtractoDAO: A Governance DAO Model for Enhanced Decentralized Governance.

As the world's first decentralized exchange (DEX) for trading various smart contracts between two or more parties, both in the futures and spot markets, which was previously impossible to do using tokenization, ExtractoDAO presents new possibilities to the markets and proposes a safer and more professional way to globally trade physical assets, leveraging the security and transparency of blockchain technology.

Now, any startup, banks, companies, NGOs, and governments can list contracts for tangible and intangible assets on the DRAWER platform, which allows for the fractionalization of products and assets into multiple parts and independently selling them on the market. Buyers can trade smart contracts on the trading platform by simply executing their individual contracts, and buyers receive their legally secured rights globally.

Experience the Power of ExtractoDAO: Creating COWs through Smart Contracts

Embark on an exciting journey with ExtractoDAO as we unveil the revolutionary creation of COWs (Community-Owned Wealth Securities) through smart contracts. In these captivating videos, witness the operational brilliance of our decentralized finance (DeFi) model, showcasing real-world functionality.

In the first video (link: <https://www.youtube.com/watch?v=mmZPv-MGwvU>) We Next, in the second video (link: <https://www.youtube.com/watch?v=OAzLPayYVaA&t=15s>) demonstrate the seamless process of creating COWs through smart contracts. Immerse yourself in the secure and transparent nature of our Escrow-like Mechanism, ensuring trust and reliability in every transaction.

Lastly, the third video (link: <https://www.youtube.com/watch?v=qQW3PR40gt8&t=12s>) provides a sneak peek into the remarkable features of ExtractoDAO's upcoming Version 2. Get ready to embrace an enhanced experience with our incredible Drawer and the introduction of an exceptional DEX (Decentralized Exchange), enabling seamless trading and liquidity provision for COWs.

Join us as we revolutionize the DeFi landscape with ExtractoDAO's operational brilliance. Experience the power of smart contracts and decentralized governance firsthand, unlocking new possibilities in the world of decentralized finance.

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Join us as we revolutionize the DeFi landscape with ExtractoDAO's operational brilliance. Experience the power of smart contracts and decentralized governance firsthand, unlocking new possibilities in the world of decentralized finance.

In the first phase, Version 1 of ExtractoDAO introduces a groundbreaking ecosystem that combines the power of smart contracts with the real-world value of physical products. Experience the seamless creation of COWs (Community-Owned Wealth Securities) through our secure and transparent smart contract mechanism. Witness firsthand how ExtractoDAO ensures predictable and tangible results, enabling users to harvest real rewards in their DeFi operations.

But that's just the beginning. Brace yourself for the arrival of Version 2, where ExtractoDAO takes things to a whole new level. Get ready to immerse yourself in a perfect integration experience with the introduction of an extraordinary Drawer. Seamlessly navigate through ExtractoDAO's advanced ecosystem, leveraging its intuitive user interface and comprehensive features.

Additionally, Version 2 unveils an advanced smart contract trading platform that will revolutionize the way you engage with decentralized finance. Explore the depths of ExtractoDAO's cutting-edge decentralized exchange (DEX), providing unparalleled liquidity, enhanced trading functionalities, and seamless integration with smart contracts.

Stay tuned for the future of ExtractoDAO, where innovation meets usability, and the possibilities become limitless. Prepare to unlock a whole new world of decentralized finance with ExtractoDAO's Version 2, where the Drawer and advanced smart contract trading platform will reshape your DeFi journey. Get ready to embark on an exciting adventure, fueled by innovation, transparency, and boundless opportunities.



ExtractoDAO's Weighted Voting Model: Empowering Community Engagement and Commitment

At ExtractoDAO, we believe in the power of community engagement and the importance of recognizing individuals' contributions to our ecosystem. That's why we have implemented a unique weighted voting model that rewards active participants and amplifies their voices in shaping the future of our platform.

In our governance system, every member of the ExtractoDAO community has the opportunity to earn voting weight based on their actions and commitment to the project. This weight is represented in kilograms (KG), symbolizing the tangible impact each member can have on decision-making processes.

Through meaningful interactions, contributions, and demonstrated dedication, community members can accumulate voting weight up to a maximum of 5KG. This system ensures that those who are deeply involved and committed to the success of ExtractoDAO have a stronger influence on key decisions that shape our ecosystem.

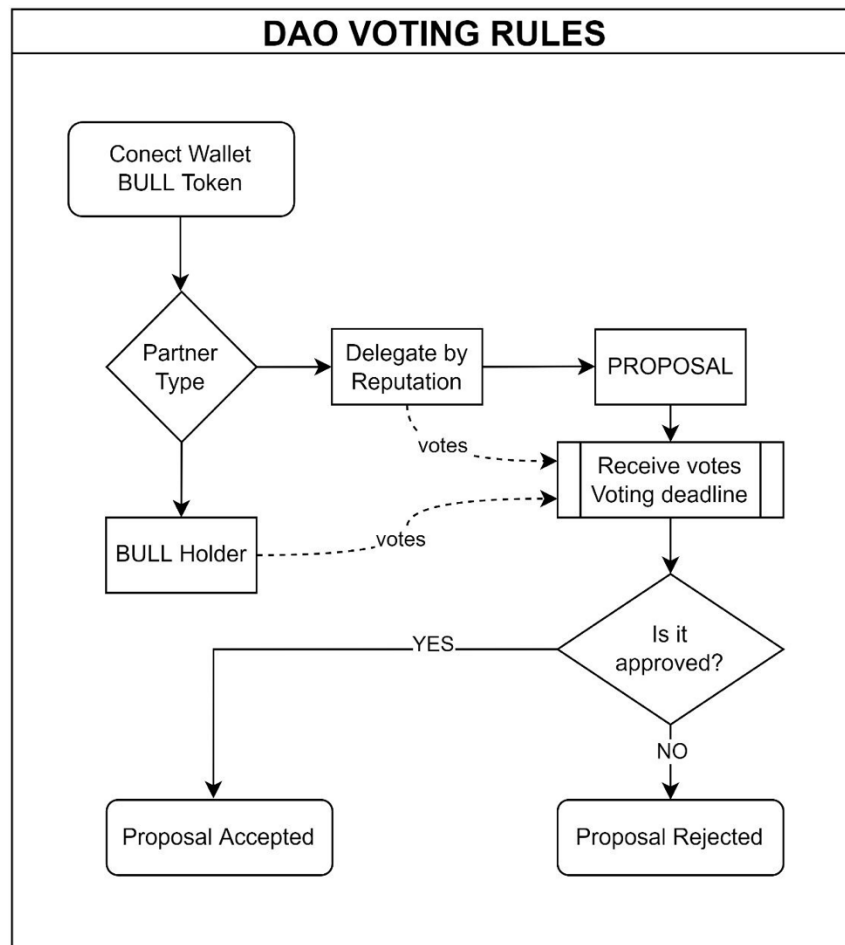
We value transparency and inclusivity, which is why our weighted voting model considers various aspects of engagement. Active participation in community discussions, providing valuable insights, contributing to the development of ExtractoDAO, and promoting positive interactions within the community are all factors that contribute to earning voting weight.

By implementing this model, we aim to foster a sense of ownership, empowerment, and accountability among our community members. It encourages individuals to actively contribute their expertise, ideas, and resources, knowing that their voice carries weight and can directly influence the trajectory of ExtractoDAO.

We understand that commitment and dedication come in different forms, and our weighted voting model reflects this diversity. Whether you're a developer, a marketer, a business owner, or an enthusiast passionate about the ExtractoDAO vision, your contributions are valued and recognized.

Join our vibrant community and become an active participant in shaping the future of ExtractoDAO. As you engage, contribute, and demonstrate your commitment, watch your voting weight grow, empowering you to play a significant role in driving our collective success.

Together, let's build a thriving ecosystem where every voice is heard, and every participant's dedication is rewarded. Join ExtractoDAO today and be part of a revolution in decentralized governance powered by community engagement.



Revolutionizing Trading: Unleashing the Power of ExtractoDEX

ExtractoDAO is developing the world's first decentralized exchange (DEX) to trade various smart contracts. Soon, any startup or company will be able to list their contracts on the platform, fractionate their products into several parts, and sell them independently in the market. Users can trade smart contracts with the simple execution of their individual contracts, and buyers receive their legal rights.

Our DEX aims to revolutionize the trading market for real physical economy products on the blockchain. It will be possible to issue futures contracts for various commodities such as energy, oil, gas, coal, metals, and even agricultural commodities that have not received attention from traditional exchanges. Each contract issuer must comply with the capital market laws in their country and register their contracts with the relevant regulatory bodies. ExtractoDAO will always collaborate with regulators to ensure the existence of a democratic financial market.



ExtractoDAO is a platform similar to Ethereum, where anyone can generate tokens. However, ExtractoDAO focuses on enabling the creation of smart contracts exclusively for physical goods, thus bringing the true futures market of the real economy to the blockchain. Similar to Ethereum, ExtractoDAO is not legally responsible for any errors committed by third parties issuing tokens on its platform, as it only provides the technology. Now, any country in the world, including those with underdeveloped economies in remote regions, can list their companies and products for trading, gaining global visibility for traders worldwide. ExtractoDAO is bringing trillion-dollar volume markets to product trading using blockchain technology, adding value to society and attracting investors who previously did not believe in cryptocurrency technologies.

ExtractoDAO is a platform focused on establishing a fair and transparent marketplace that benefits all participants. Our primary objective is to support small-scale producers who often face challenges in accessing capital for their production endeavors. By harnessing the power of blockchain technology, we strive to cultivate an ecosystem that fosters trust, efficiency, and accessibility, empowering these producers to secure the necessary resources for sustainable production.

One of the distinguishing features of ExtractoDAO is our intention to list a wide variety of assets that are not traditional commodities or securities. Our platform is designed to support the trading of innovative and unique products that fall outside these conventional categories.

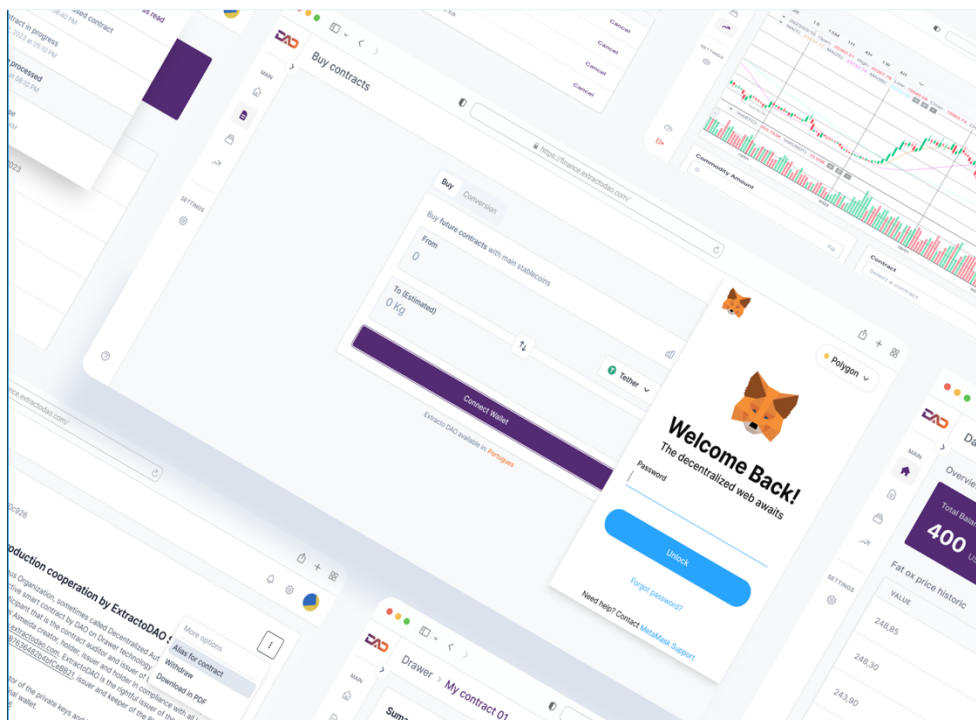
Looking ahead, once our platform is fully operational and compliant with regulatory requirements, we aspire to expand our offerings to include both commodity futures and a broader range of non-commodity assets. We aim to become a pioneer in the industry by providing a comprehensive suite of futures products that cover not only traditional commodities but also non-commodity assets, thereby driving innovation and transforming the market.

At ExtractoDAO, we believe in the importance of providing a decentralized trading environment (DEX) for assets that are not commodities or securities. We recognize that many of these assets may not have access to regulated exchanges, despite playing a significant role in the economy by generating jobs and contributing to society in various ways.

Our DEX is designed to deliver a fair and transparent market where these unique assets can be traded securely and efficiently. By leveraging blockchain technology, we ensure the privacy of individuals involved in transactions, enabling holders of these assets to trade with confidence and protection.

Furthermore, ExtractoDAO offers a smart contract repository that guarantees the correct and immutable execution of agreements between involved parties. This functionality creates a reliable environment where all transactions are recorded and can be transparently verified, providing security and trust to market participants. Regarding the issuance of smart contracts on our platform, we aim to promote inclusion and accessibility for assets that would typically

not have access to a regulated exchange. Through appropriate evaluation and compliance processes, we strive to provide opportunities for companies and projects that do not fit into the traditional categories of commodities or securities to obtain funding, grow, and continue contributing to the well-being of society.



As the world's pioneering decentralized exchange (DEX) for trading various smart contracts between multiple parties in both futures and spot markets, ExtractoDAO introduces new opportunities to the market. By leveraging the security and transparency of blockchain technology, ExtractoDAO proposes a safer and more professional approach to globally trade physical assets, eliminating the need for tokenization.

With the DRAWER platform, any startup, bank, company, NGO, or government entity can list contracts for tangible and intangible assets. This platform enables fractionalization of products and assets into multiple parts, allowing independent selling on the market. Buyers can easily trade smart contracts by executing their individual contracts, with globally recognized legally secured rights.

The DEX aims to revolutionize the trading market for real-world physical economy products on the blockchain, a feat previously deemed unlikely without token maneuvers that lacked

investor trust and legal security. Now, it becomes possible to issue futures contracts for various commodities, including energy, oil, gas, coal, metals, artwork, sophisticated financial products, and even agricultural commodities that have received limited attention from exchanges (such as garlic, onions, potatoes, peppers, etc.). Each futures contract issuer must comply with their country's capital market laws and register their futures and spot contracts with relevant regulatory bodies. ExtractoDAO remains committed to collaborating with regulators to ensure the existence of a democratic and inclusive financial market.

ExtractoDAO facilitates the exchange of value between two or more parties through smart contracts in a unique and innovative manner compared to existing technologies. The individual parties manage their contracts using the Drawer Technology, where only the contract holder can access the information. The development of a proprietary and exclusive blockchain further enhances these functionalities, incorporating zero-knowledge proof technology to ensure complete privacy during negotiations between financial institutions when necessary. ExtractoDAO prioritized the development of its technology to showcase it to the market, rather than the other way around, as demonstrated in publicly available videos [1-4].

- <https://www.youtube.com/watch?v=KZVURBILFow&t=5s>
- <https://www.youtube.com/watch?v=kmVgAtl6HNA>
- <https://www.youtube.com/watch?v=UmT3Cr4yzOc&t=12s>
- <https://www.youtube.com/watch?v=LQLofkO3-CM&t=111s>
- <https://finance.extractodao.com/>

All these possibilities are currently in operation, and with the development of our proprietary blockchain, each individual contract will have the ability to issue its own smart contracts for its respective assets and list them on the DEX. This introduction will be part of version 2 of the project, as outlined and documented in the ExtractoDAO Whitepaper. Once version 2 is fully implemented, all these functionalities will be available in a more optimized manner, facilitated by our own blockchain under development. This ecosystem will consist of multiple small blockchains interacting with the main blockchain, enabling the listing of their contracts on the DEX. Updates to smart contracts will be authorized and validated within the entries of a master blockchain register.

In essence, ExtractoDAO is theoretically the world's first fully operational blockchain of blockchains, with all its ideas globally validated. ExtractoDAO has successfully addressed the challenge of conducting secure transactions between two or more parties through individual smart contracts without the need for a trusted central intermediary. The platform allows involved parties to observe specific clauses of the operation while keeping certain information public on the blockchain. Simultaneously, it ensures the accuracy of entries in the register, reflecting the smart contracts and allowing verification by third parties, following the principles established since the implementation of smart contracts by Buterin in 2014. The decentralization of the register among the parties on the network is the key innovation



of ExtractoDAO, where each party owns and updates a copy of the register for their contract in the drawer. This accomplishment by ExtractoDAO will be further enhanced with the completion of our own blockchain.

Privacy concerns are partially addressed, ensuring that current market participants cannot verify the contractual trading agreements between parties. With ExtractoDAO's Blockchain of Blockchains, scalability limitations and network fee fluctuations will be overcome. ExtractoDAO operates similarly to Ethereum, allowing anyone to generate tokens. However, ExtractoDAO distinguishes itself from Ethereum by enabling issuers to create smart contracts solely for their assets, thus bringing the real-world futures market onto the blockchain. Similar to Ethereum, ExtractoDAO is not legally responsible for errors committed by third parties issuing tokens on its platform, as it solely provides the underlying technology. This advancement opens up opportunities for any country worldwide, including those with economically disadvantaged regions, to list their companies and products for trading, gaining global visibility among traders. ExtractoDAO is revolutionizing the trading of trillion-dollar volume markets using blockchain technology, thereby adding value to society and attracting investors who were previously skeptical of cryptocurrency technologies.

ExtractoDAO has developed a technology called Drawer, which facilitates the management, administration, and issuance of smart contracts on the blockchain between two or more parties. This technology enables the issuance of millions of contracts for a product or service and facilitates individualized buying and selling when necessary. Drawer serves as an alternative solution to tokenization, which often falls short in serving more sophisticated markets such as commodities and the operations of large corporations that require contractual engineering and operational security. Therefore, Drawer represents the ideal solution for high-volume financial trading markets that demand security and transparency, while harnessing the emerging potential of blockchain technology applications.

Smart contracts can be executed based on the sale of products or services between issuers, customers, or investors. This solution offers enhanced security and simplicity compared to tokenization, which often involves complex regulatory maneuvers and has proven to be a source of numerous global issues. With Drawer technology, any asset, service, or product can be safely fractionated and traded in smaller portions on a trading platform. To facilitate this, ExtractoDAO is currently developing a decentralized exchange (DEX) that will enable contract holders to settle these contracts through trading with third parties.

In the context of ExtractoDAO, we adopt a different approach to address privacy challenges, as demonstrated in the videos with the Drawer, where in its version 2.0, several functionalities will be implemented, such as folders to organize different smart contracts for various products and commodities for the security of market institutions and project participants. Currently, ExtractoDAO with the Drawer does not allow full access to the entire registry for everyone in the market because it is an individual contract, but it can be replicated among the parties, albeit segmented based on privacy rules built into the Drawer technology. Each party stores its own view or fragment of the registry in the drawer, as



shown in the videos, resulting in multiple individual records specific to each party for numerous people who purchase a particular fractional asset. Prior to ExtractoDAO, an asset was fractionated among various individual parties in just one smart contract, presenting a single record for all buyers of the asset, and all buying parties replicated and viewed the same information. However, with ExtractoDAO, each participant only views the individual information of their contractual transaction. Today, with the drawer, each party updates their record to reflect the transactions they are involved in for a particular financial operation.

The purpose of the proprietary blockchain is to synchronize all these individual contracts into a single blockchain, which would be the Blockchain of Blockchains, creating a market for assets that surpasses most of the proposals that have existed since 2014. The records of smart contracts are spread across various individual registers, but since the operation is between two parties, there is not always a need for the market to verify all the records. Similarly, in a negotiated agreement between two parties in the traditional model, each party stores their contract in the traditional drawer, so we do not have a problem in that sense, as we are familiar with this concept. With the drawer, any party can verify the accuracy of their smart contracts filed in the drawer.

ExtractoDAO solves problems by allowing each party to view the clauses and records written in their smart contracts. With the Blockchain of Blockchains, all interested parties in the market can verify this subset in a single blockchain record. In other words, all parties also perceive a single public record while simultaneously viewing their individual contracts with private negotiation clauses. The drawer allows each party to only access the part of the record that pertains to their asset negotiation. All records are stored on the blockchain, but some of these records are not available to the general public. However, the premise of a global record exists conceptually in all existing blockchains but is not stored in a specific location, as demonstrated in the drawer. All parties read from the same record on a blockchain under just one issuing contract, but this does not provide the real guarantees that users require on existing blockchains. Everyone has a view of a whole that has been fragmented into tokens, such as the ownership of issued assets, but not through individualized contracts in a distributed data network as ExtractoDAO has done. The Drawer and Blockchain of Blockchains of ExtractoDAO aim to ensure that the views of all operating nodes of individual contracts on the network form a solid, transparent, and auditable global record. The Drawer technology ensures that parties see and store only the information they are authorized to see in each individual smart contract filed in the Drawer. This allows parties to confidently transfer digital assets with minimal possibility of errors, as the contract will be transferred to another party with its full attributed value, and then that asset or contract can be settled in the spot market.

Today, anyone can purchase commodity futures contracts and manage them securely on the Drawer technology without the risk of having their resources stolen, as the company operates futures contracts with expiration or perpetual terms. In Drawer, we can do better than what tokenization has achieved in the market to ensure legal rights with legal



responsibility. We do not wish to engage in a debate about which solution is better since we have proven that we have a superior solution, even if it may be challenging for many cryptocurrency enthusiasts to accept.

ExtractoDAO has introduced its inaugural contract, Extracto@, which focuses on the food industry and presents a decentralized approach to food and commodity production. The platform also offers technology for the issuance and management of smart contracts, catering to companies, startups, banks, governments, and NGOs, all consolidated within the Drawer. Unlike Ethereum, which embarked on tokenizing the world without assuming legal responsibility for tokenized projects, ExtractoDAO has developed a legal solution that addresses the outstanding legal concerns surrounding tokenization. With the advent of DRAWER, any intangible asset, be it a game, virtual land, metaverse properties, or others, can now receive individual smart contract coverage, ensuring legal accountability for the fractionalization of the asset among multiple parties.

The robust DRAWER technology developed by ExtractoDAO consolidates the management of smart contracts in a single location, introducing a powerful alternative to asset tokenization that respects legal rights. While ExtractoDAO's work with commodities serves as validation and a demonstration of their technology's functionality, their core product is the Drawer technology. ExtractoDAO aims to connect the world and all its assets through individual smart contracts, going beyond the tokenization focus of other projects in the market.

Contrary to the notion that tokenization is the sole solution for market revolution, ExtractoDAO recognizes that Buterin's contribution to the field was primarily centered around implementing and executing smart contracts, without delving into the legal intricacies surrounding the technology. The legal landscape is more complex than what blockchain developers might envision, prompting the creation of ExtractoDAO to address this gap. While other major projects prioritize token capitalization, ExtractoDAO is focused on solving real-world problems. Through our Drawer technology, we can bring the cryptocurrency market into any sector of the physical economy, forging an irreversible path akin to the contributions of Buterin and Satoshi Nakamoto.

The fully decentralized and party-centric registry model introduced by ExtractoDAO surpasses any existing proposals since Buterin's time, empowering users to establish their sub-networks within the main ExtractoDAO blockchain. They can list their contracts on the DEX, issue stablecoins, and transfer individual contracts to other parties in an unprecedented manner. Each party has the flexibility to connect to an individual sub-network and issue their smart contracts, or even access multiple sub-networks to create interconnections for the exchange of specific asset-based smart contracts, without the need for a specific currency. All blockchains operate under the umbrella of the main ExtractoDAO blockchain. This new market standard establishes a network of networks within ExtractoDAO, offering unparalleled privacy, performance, and scalability in a decentralized environment.



Participants in ExtractoDAO encompass diverse segments of individuals and businesses on the network, ranging from farmers, banks, startups, governments, and commodity contract issuers to everyday users, as well as large, medium, and small companies within the ExtractoDAO Blockchain of Blockchains. The platform is creating an ecosystem conducive to the development of various dApps, introducing a wealth of new technologies to the cryptocurrency market.

Smart contracts executed within ExtractoDAO fulfill all the functions required to define them as smart contracts. The concept of a contract goes beyond a simple agreement between two or more parties, where one party commits to do or not do something and the other party will receive something in return or not. Smart contracts are encoded agreements implemented by developers to fulfill specific functions and workflows between parties on the blockchain. The essential elements of a smart contract that can be established between two parties are the object of the agreement, the agreed-upon price, and the agreement of the parties, the three necessary requirements for the construction and conclusion of a contract. They are issued, and just like a paper contract, we have one party called the signatory of the contract and another party as the observer of the individual contract. At the same time, there is a part of the public blockchain that all participants in ExtractoDAO can observe if they have access to the address of a particular individual contract or can locate it on the web. However, they cannot know who the holder of that contract is even with that public information.

All transactions of smart contracts created and archived in the drawer create a library of assets generated between parties in transactions, making them real-value assets that can be burned, as in the case of futures contracts, or permanently held as perpetual smart contracts that can be archived in the drawer. The purpose of the drawer is to archive smart contracts, an innovative idea for the market. Multiple contracts can be archived and settled upon expiration or even exchanged for other contracts from other participants in the drawer on the DEX. This business model, conceived by Joel Almeida, the creator of ExtractoDAO, as an alternative proposal to asset and product tokenization, is giving rise to a new industry in the market, enabling trillions and trillions of dollars to be traded using blockchain technology and facilitating widespread adoption of the Drawer technology, which is an exclusive patent of ExtractoDAO. All ideas and copyrights are registered and documented for everyone to see, not to prevent them from being used by third parties but to preserve the rights and values of the innovative minds in the market and give them proper credit for their creations.

DeFi (decentralized finance) refers to a set of financial services and products that operate based on protocol guidelines using blockchain technology. It is the opposite of centralized financial markets (CeFi).

A DEX (decentralized exchange) is an online peer-to-peer (P2P) service that enables direct cryptocurrency transactions between interested parties. It differs from centralized exchanges (CEX) such as Binance, Huobi, and Kraken in terms of functionalities and features. ExtractoDAO has its own DEX to facilitate trading among smart contract holders.



Currently, existing DEXs do not support trading of Extracto@ contract models. DEXs and CEXs are primarily designed for token and cryptocurrency transactions, not Extracto@ futures contracts. DEXs exclusively facilitate the peer-to-peer exchange of cryptocurrency tokens for other cryptocurrency tokens for token and cryptocurrency transactions, not Extracto@ futures contracts. DEXs exclusively facilitate the peer-to-peer exchange of cryptocurrency tokens for other cryptocurrency tokens. The most popular DEXs by trading volume include PancakeSwap, Uniswap, and Sushiswap.

Integration Flow Diagram between DeFi and TradFi developed by ExtractoDAO

ExtractoDAO's innovative approach, known as the Drawer, revolutionizes the fractionalization of both tangible and intangible assets. This breakthrough empowers startups, banks, companies, NGOs, and governments to list contracts for a wide range of products and assets on ExtractoDAO's platform. Through the decentralized exchange (DEX) provided by ExtractoDAO, parties can securely trade these smart contracts on a global scale, ensuring that buyers' rights are legally protected. This groundbreaking development opens up new avenues for trading real-world physical economy products on the blockchain, including commodities such as energy, oil, gas, metals, artwork, and even agricultural produce like garlic, onions, potatoes, and peppers.

To uphold compliance with capital market laws and regulatory requirements, ExtractoDAO mandates that issuers of futures and spot contracts on their platform adhere to the regulations of their respective countries. ExtractoDAO collaborates closely with regulators to establish a democratic and inclusive financial market. With ExtractoDAO, two or more parties can seamlessly exchange value through smart contracts, leveraging a unique and secure approach. Moreover, ExtractoDAO's ongoing development of a proprietary and exclusive blockchain aims to further enhance these functionalities by integrating zero-knowledge proof technology. This advanced feature ensures that sensitive information can be kept completely private during negotiations between financial institutions, if necessary.

Unlike startups that prioritize market validation over technological advancements, ExtractoDAO has already demonstrated its cutting-edge technology through publicly available videos. These functionalities, combined with the introduction of the DEX in version 2 of the project, will reach full operational capacity upon the completion of ExtractoDAO's dedicated blockchain. This milestone will facilitate the establishment of an ecosystem where multiple small blockchains interact with the main blockchain, enabling seamless listing of contracts on the DEX.

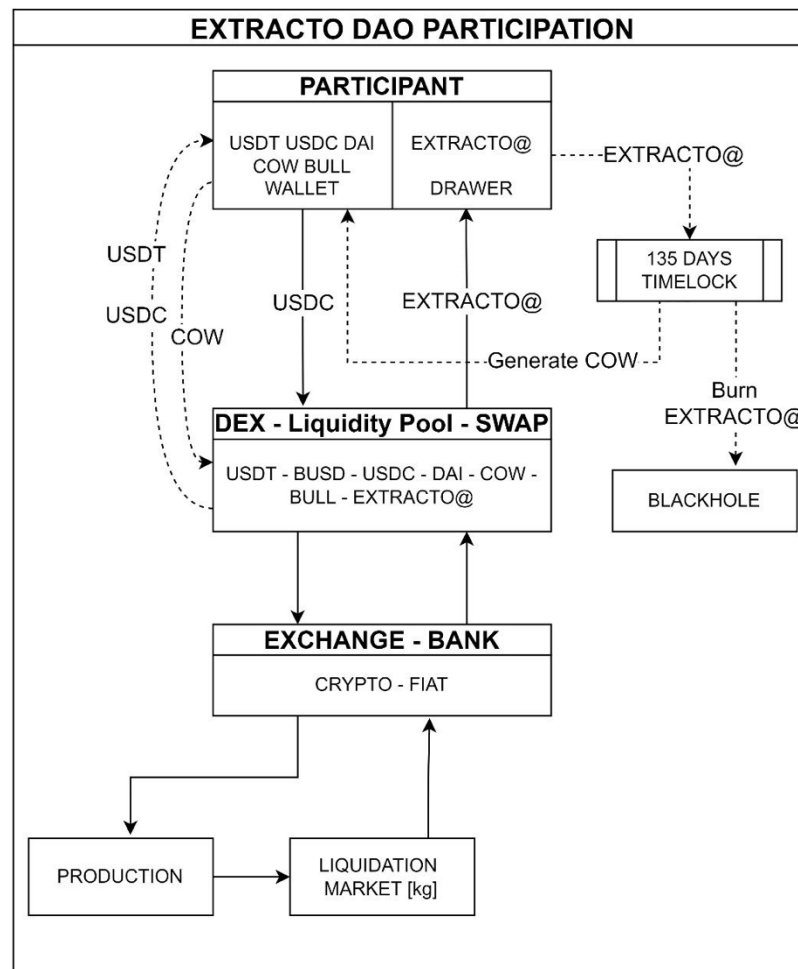
Unlike previous approaches, ExtractoDAO's Drawer enables the fractionalization of tangible and intangible assets, empowering startups, banks, companies, NGOs, and governments to list contracts for various products and assets on the platform. Through ExtractoDAO's decentralized exchange (DEX), parties can trade these smart contracts globally, ensuring legally secured rights for buyers. This opens up new possibilities for the trading of real-world



physical economy products on the blockchain, including commodities like energy, oil, gas, metals, artwork, and even agricultural products such as garlic, onions, potatoes, and peppers.

To ensure compliance with capital market laws and regulatory bodies, issuers of futures and spot contracts on ExtractoDAO's platform must adhere to their respective country's regulations. ExtractoDAO works closely with regulators to foster a democratic and inclusive financial market. With ExtractoDAO, two or more parties can exchange value through smart contracts in a unique and secure manner. The proprietary and exclusive blockchain being developed by ExtractoDAO aims to enhance these functionalities further by leveraging zero-knowledge proof technology. This ensures that sensitive information can be kept completely private during negotiations between financial institutions if required.

ExtractoDAO has already demonstrated its technology to the market through publicly available videos, distinguishing itself from startups that prioritize market validation over technological development. These functionalities, along with the introduction of the DEX in version 2 of the project, will be fully operational with the completion of ExtractoDAO's own blockchain. This will facilitate the creation of an ecosystem where multiple small blockchains interact with the main blockchain, enabling the listing of contracts on the DEX.



Liquidity pools play a crucial role in ensuring the seamless functioning of the DeFi ecosystem. In essence, liquidity pools enable users to lock their tokens and establish a reserve fund in exchange for rewards. Within the ExtractoDAO ecosystem, all smart contract issuers, including companies, governments, startups, DAOs, and agricultural product entities, are required to create their own liquidity pool. They must also add liquidity after selling their products and assets to fulfill future obligations arising from expired contracts.

To maintain the independence of ExtractoDAO's structure and avoid direct associations between different contracts, the platform incorporates the use of wrapped COW. It's important to note that ExtractoDAO solely provides technology and does not engage in any third-party smart contract business operations or assume responsibility for investments made in those contracts. It is the responsibility of investors to exercise due diligence and verify if products are registered with regulators, when necessary, or if any security measures are provided by the smart contract issuer. In the case of a DAO, the collective management of funds falls upon all participants.



While ExtractoDAO offers the sought-after legal security in the market, it cannot safeguard reckless investors from the risks inherent in financial ventures. ExtractoDAO's perspective is that individuals lacking access to basic resources like the internet, mobile phones, communication tools, or education might be considered vulnerable. ExtractoDAO encourages all parties involved in financial investments to possess a good understanding of the market they intend to invest in or seek assistance from specialized agents to allocate their resources effectively.

What are smart contracts?

The concept of "smart contracts" was first introduced by Nick Szabo, a renowned computer scientist, legal scholar, and cryptographer, in a 1994 article. Smart contracts serve as fundamental components of decentralized applications (dApps) on various blockchain networks like EOS, Ethereum, and Tron. These computer programs are stored on the blockchain and facilitate the conversion of traditional contracts into automated and self-executing protocols.

Secure Storage of Smart Contracts

The Drawer technology offers secure storage of smart contracts on the web3. Users can manage their private keys and handle numerous smart contracts of different types, using the concept of drawers in a law firm but with utmost security. The goal of Drawer is to store smart contracts that can be verified on the blockchain in their main functions while hiding sensitive clauses.

The startup, founded by Joel Almeida, aims to enable startups, financial institutions, law firms, manufacturing industry, commodities, judiciary, governments, and many others to utilize this patented technology to anticipate the changes that web3 is aggressively imposing on all markets.

Integration of DeFi and TradFi is CeFi.

The ExtractoDAO team focuses on the mass use of smart contracts, combined with the efficient implementation of remorse clauses in compliance with Consumer Defense Codes and laws applicable in the use of Drawer. This innovative approach will be a game-changer in the market, positively impacting all sectors.

Another significant advantage of ExtractoDAO is the ability for anyone to create their own native Stablecoin with just one click, eliminating the need for central issuers like USDT, USDC, and BUSD. The native currency of the ExtractoDAO DeFi ecosystem is COW, which is issued by the contract holder after contract burning, providing transparency and auditability by both the DAO and the issuer.

Distinct Applications and Integration with DeFi and TradFi

Drawer technology has distinct applications for use in various products, services, tangible and intangible assets between two or more parties, providing security and transparency without the need for intermediaries or complex bureaucratic processes. This technology can be applied in areas such as the metaverse, gaming, software licenses, the art industry, and many others.

Drawer Technology is committed to creating a blockchain with advanced features that enable secure archiving of smart contracts and the implementation of technologies such as zero-knowledge proofs (zk-SNARKs). While we are currently in the development process, it is important to highlight the ideas and benefits we aim to achieve with this evolution.

By incorporating zk-SNARKs into our platform under development, we establish a method to verify the truthfulness of a statement without revealing specific information about the statement itself. This ability to conceal sensitive details is particularly valuable when dealing with contract transactions between involved parties as it ensures confidentiality and privacy.

In the legal realm, this advanced technology has the potential to be applied in various ways. In ongoing judicial proceedings or criminal investigations, it is crucial to ensure true confidentiality of the involved data. Through Drawer Technology, we plan to enable the secure archiving of smart contracts on the developing blockchain, protecting them against breaches and ensuring document integrity.

Furthermore, with the use of zk-SNARKs, we can ensure that sensitive information within contracts remains hidden during transactions, even when verified on the blockchain. This means that only the involved parties will have access to specific contract details while other information remains encrypted and out of reach for third parties, including hackers.

The security and inviolability of the blockchain are invaluable features in a world filled with cyber threats. By utilizing the technology developed by Drawer, the legal field will be able to rely on a robust solution that guarantees process confidentiality and protection of sensitive data.

In summary, Drawer Technology is working tirelessly to provide legal professionals with a secure and reliable way to archive smart contracts. By combining blockchain verification with zk-SNARKs technology to hide confidential information, we aim to preserve confidentiality, ensure document integrity, and enhance security in legal transactions. Although the blockchain is still in the development phase, we believe this approach will bring greater peace of mind and efficiency to legal proceedings and criminal investigations.

In today's competitive business landscape, maintaining the confidentiality of sensitive trade secrets and confidential business dealings is crucial. Traditional methods of contract negotiation and execution often expose sensitive information to potential competitors or third parties. However, with the advent of advanced technologies, such as zero-knowledge proofs (zk-SNARKs) and blockchain, a new era of secure and private negotiations has emerged. We will explore how the integration of zk-SNARKs and smart contracts, particularly through the innovative solutions offered by Drawer Technology, can revolutionize the way two parties engage in confidential negotiations while preserving flexibility, security, and privacy.

Securing Negotiations with zk-SNARKs and Smart Contracts:

The concept of zk-SNARKs, which stands for "Zero-Knowledge Succinct Non-Interactive Argument of Knowledge," introduces a revolutionary approach to verifying the validity of statements without disclosing any specific information. By incorporating zk-SNARKs into smart contract platforms, such as the one developed by Drawer Technology, a method is established to verify the authenticity of a statement while keeping sensitive details hidden. This capability of concealing sensitive information is invaluable when it comes to confidential negotiations between parties, ensuring both confidentiality and privacy.

The Role of Drawer Technology:

Drawer Technology is committed to advancing blockchain technology by creating a secure and flexible platform for archiving smart contracts. By leveraging zk-SNARKs, Drawer Technology enables the secure storage of smart contracts on the blockchain, safeguarding them against breaches and ensuring document integrity. With the integration of zk-SNARKs, sensitive information within contracts remains hidden during transactions, granting exclusive access to involved parties while keeping the details encrypted and inaccessible to unauthorized individuals, including hackers.

Enhancing Security and Privacy:

The utilization of zk-SNARKs in negotiations involving smart contracts provides unparalleled security and privacy. Through the integration of advanced cryptographic techniques, sensitive information remains confidential even when verified on the blockchain. This ensures that only the parties involved have access to specific contract details, while other information remains securely encrypted. This level of security and privacy guarantees that trade secrets and confidential negotiations remain protected, shielding businesses from potential threats and maintaining a competitive edge.

The Advantages for Confidential Business Dealings:

In today's fast-paced business environment, where maintaining a competitive advantage is paramount, the ability to engage in confidential negotiations without revealing sensitive information to competitors or third parties is invaluable. By utilizing Drawer Technology's platform, businesses can securely negotiate and execute smart contracts while preserving the utmost privacy. This not only instills confidence in the negotiation process but also enables parties to focus on achieving mutually beneficial outcomes without the fear of confidential information being compromised.

The integration of zk-SNARKs and smart contracts through the cutting-edge solutions provided by Drawer Technology revolutionizes the way confidential negotiations are conducted. By enabling secure archiving and preserving the privacy of sensitive information, businesses can engage in negotiations with the confidence that their trade secrets and confidential dealings remain protected. As the blockchain technology continues to evolve, the combination of zk-SNARKs and smart contracts offers a robust and efficient solution for secure and flexible negotiations. With Drawer Technology at the forefront of this technological advancement, the future of confidential business dealings looks promising, providing a new level of security and peace of mind for parties involved in confidential negotiations.

In ExtractoDAO's ecosystem, the DEX (Decentralized Exchange) allows for the operation of agricultural contracts in its initial version. With the upcoming version 2.0, the exchange will support the complete trading of various smart contracts, even before their expiration. Startups and companies can issue these contracts according to their predefined rules. Users are becoming increasingly familiar with the simplicity and execution of individual contracts, which ensure their legal rights. For instance, authors can create and sell smart contracts for books, establishing a real-time trading market for literary works and artwork. ExtractoDAO will also empower professional traders with the ability to utilize charts and indicators to analyze futures contract markets.

The DEX is poised to revolutionize the market by enabling content creators to sell their art and ensuring that only the contract owners can access the content. Whether it's a book, artwork, movie, or any other digital content, owners can list and trade their unique content on the DEX platform.

What is the DRAWER technology?

Have you ever heard of the term "drawer" in the cryptocurrency market? Do you understand its significance for the blockchain-based economy of physical products? In the context of ExtractoDAO, "drawer" refers to an innovative technology developed by the organization. Similar to the wooden drawers found in law offices where documents and contracts are

stored, DRAWER represents a new approach to storing various smart contracts in a centralized location.

This technology provides a platform dedicated to storing smart contracts, with the goal of creating a new futures and spot exchange market on the blockchain. ExtractoDAO's objective is to integrate the realms of decentralized finance (DeFi) and traditional finance (TradFi), revolutionizing the use of contracts in the legal world, agribusiness, and commodities futures industries. By leveraging DRAWER, ExtractoDAO facilitates secure and straightforward contract management, empowering decentralized autonomous organizations (DAOs) and individuals to collectively administer private properties in a fractional manner. This approach reduces risks and ensures the proper application of smart contracts.

Examples of problems solved by Drawer technology for various markets

- **Futures Contracts:** The Drawer provides a secure storage solution for futures contracts, ensuring their integrity and accessibility.
- **Options Contracts:** Investors can rely on the Drawer to securely store options contracts, protecting their rights and minimizing the risk of unauthorized access.
- **Margin Trading:** Traders engaged in margin trading can utilize the Drawer to store and manage their collateralized assets, ensuring transparency and security.
- **Leverage Trading:** The Drawer supports leverage trading by offering a secure repository for smart contracts that facilitate leveraged positions.
- **Risk Management:** Traders can use the Drawer to store risk management strategies and instruments, providing a comprehensive solution for managing market risks.
- **Order Book Management:** The Drawer assists in managing and storing order book data, ensuring efficient order execution and maintaining an accurate record of transactions.
- **Market Data Storage:** The Drawer serves as a reliable storage solution for market data, enabling efficient data analysis and informed decision-making.
- **Trade History Tracking:** By storing trade history data, the Drawer allows for accurate and transparent auditing of past transactions.
- **Price Feeds:** The Drawer can securely store price feed data, providing reliable and up-to-date information for accurate market analysis.
- **Decentralized Derivatives:** As a decentralized platform, the Drawer facilitates the trading and storage of various derivative instruments, such as swaps and forwards.
- **Market Making:** Market makers can leverage the Drawer to store their liquidity provision strategies, enabling efficient and automated market-making activities.

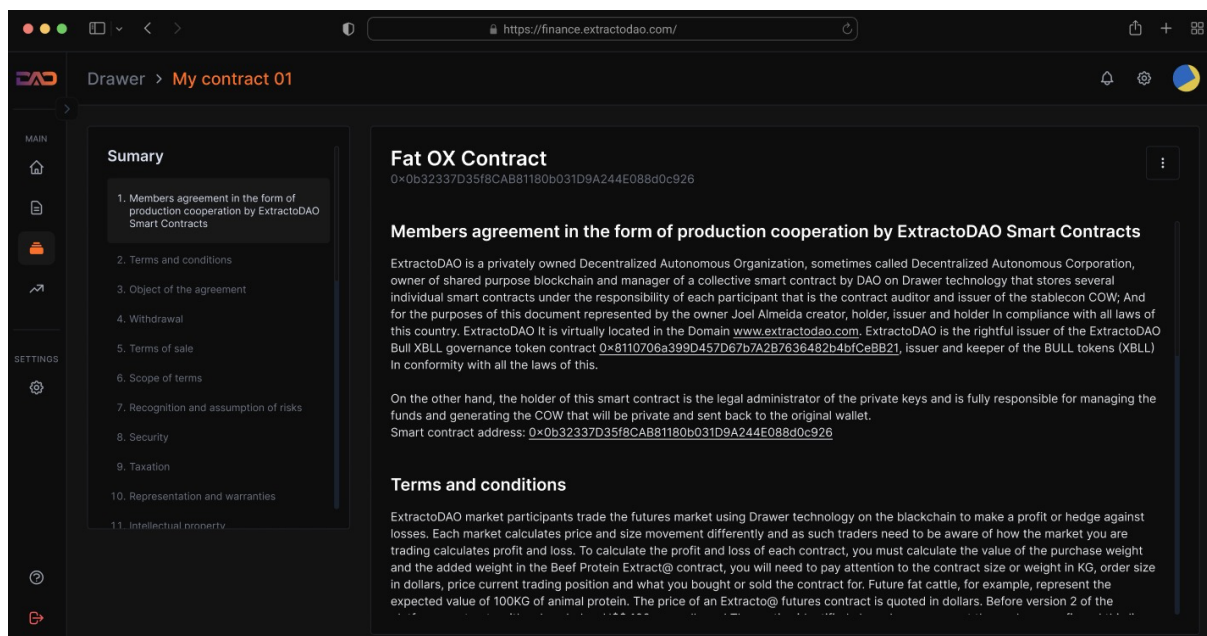
- Risk Hedging: Traders and investors can utilize the Drawer to store smart contracts related to risk hedging strategies, protecting their portfolios against adverse market movements.
- Trade Settlement: The Drawer enables secure storage of smart contracts involved in trade settlement processes, ensuring reliable and tamper-proof settlements.
- Market Surveillance: Regulators and market surveillance teams can store market data and related smart contracts in the Drawer to facilitate efficient monitoring and oversight.
- Compliance: The Drawer assists in maintaining compliance by storing relevant regulatory documents, ensuring transparency and adherence to regulatory requirements.
- Counterparty Verification: The Drawer can be used to store and verify counterparty information, facilitating secure and trusted transactions between parties.
- Transaction Reconciliation: By storing transaction data, the Drawer enables efficient reconciliation processes, minimizing discrepancies and ensuring accuracy.
- Investor Protection: The Drawer safeguards investors' assets and rights by securely storing smart contracts, mitigating the risk of fraud and unauthorized access.
- Portfolio Management: Traders and investors can utilize the Drawer to manage and track their portfolios, ensuring accurate record-keeping and performance analysis.
- Clearing and Settlement: The Drawer supports clearing and settlement processes by storing and managing the relevant smart contracts, ensuring timely and secure transactions.
- Collateral Management: The Drawer assists in collateral management by providing a secure storage solution for collateral-related smart contracts, enabling efficient tracking and monitoring.
- Smart Contract Auditing: Developers and auditors can store and review smart contracts in the Drawer, ensuring security and identifying potential vulnerabilities or flaws.
- Compliance Audits: Regulatory bodies and auditors can utilize the Drawer to store compliance-related documents and smart contracts, facilitating efficient audits and inspections.
- Legal Documentation: The Drawer supports the storage of legal documents related to futures contracts, ensuring easy access and retrieval when required.
- Price Volatility Management: Traders can use the Drawer to store and execute smart contracts that manage price volatility risks, mitigating potential
- Automated Trading: The Drawer can securely store smart contracts that facilitate automated trading strategies, enabling traders to execute predefined actions based on predetermined conditions.

- Risk Assessment: Traders and investors can utilize the Drawer to store and evaluate risk assessment models and algorithms, enhancing their decision-making process.
- Regulatory Reporting: The Drawer assists in regulatory reporting by securely storing relevant data and smart contracts, simplifying the process of generating accurate and timely reports.
- Smart Contract Templates: The Drawer can serve as a repository for standardized smart contract templates, making it easier for participants to create new contracts and ensure compliance.
- Market Research: Researchers can use the Drawer to securely store and analyze market data, enabling comprehensive research and insights for informed decision-making.
- These are just a few examples of the diverse possibilities offered by the Drawer technology. Its flexibility, security, and storage capabilities make it an essential solution for smart contract negotiations in the futures market, providing protection and trust for all parties involved.
- In a rapidly evolving world driven by technological advancements, the need for secure, efficient, and transparent solutions has never been greater. The Drawer technology emerges as a game-changer, revolutionizing the way industries operate and transforming traditional systems into streamlined, secure ecosystems.
- For the financial market, the Drawer presents a paradigm shift in smart contract storage and management. With its advanced blockchain capabilities, it ensures the confidentiality, integrity, and immutability of financial agreements, enabling seamless and trustworthy transactions. Investors can confidently navigate the complex landscape of the financial market, knowing that their assets are protected by state-of-the-art security measures. The Drawer becomes the cornerstone of trust, fostering a thriving financial ecosystem.
- The agribusiness sector, a vital pillar of the global economy, can benefit immensely from the Drawer technology. By securely storing smart contracts related to supply chain management, product certifications, and traceability, the Drawer enhances transparency and accountability throughout the entire agribusiness cycle. Farmers, distributors, and consumers can confidently participate in fair and ethical trade, fostering sustainable practices and ensuring the highest quality standards.
- As governments embrace the Drawer technology, they unlock new avenues for innovation and efficiency. By adopting blockchain-based solutions, governments can streamline administrative processes, reduce bureaucracy, and enhance the trust of their citizens. The Drawer empowers governments to foster economic growth, ensure transparency, and build a stronger foundation for the future.

- Governments, entrusted with safeguarding their nations' interests, find in the Drawer technology a powerful ally. By leveraging its robust security features, governments can protect sensitive data, prevent fraud, and streamline administrative processes. The Drawer enables efficient and transparent governance, ensuring the public's trust and fostering economic growth.
- One groundbreaking application of the Drawer technology lies in the verification and storage of personal identification documents, such as passports and verifiable identities, on the blockchain. Through the use of private keys and secure passwords, individuals can securely link their identity documents to a unique smart contract within the Drawer. These documents remain tamper-proof and can be easily verified by government authorities online, offering a new level of trust and reliability.
- Furthermore, the Drawer opens up a world of possibilities for government-related functions. For instance, the technology can be leveraged for creating digital wills, facilitating the efficient distribution of assets after a person's passing. Smart contracts within the Drawer can also be utilized to establish legally binding marriages, ensuring transparency and simplifying administrative procedures.
- Additionally, the Drawer can serve as a secure repository for essential government records, such as property registrations and government bonds. By storing these records on the blockchain, the Drawer guarantees their immutability, preventing fraudulent activities and enhancing transparency in property transactions and financial operations.
- Moreover, the concept of multiproperty ownership can be revolutionized by the Drawer. Through smart contracts, multiple individuals can hold fractional ownership of real estate properties, eliminating barriers to entry and democratizing access to valuable assets. The Drawer ensures the secure management and transfer of ownership rights, facilitating smooth and transparent transactions in the real estate market.
- Together, let us embrace the transformative potential of the Drawer technology, as governments worldwide embark on a journey toward more efficient, secure, and transparent governance. With the Drawer as a trusted ally, we can shape a future where citizens' data is protected, administrative processes are streamlined, and trust in government institutions is strengthened. The possibilities are limitless, and the time to revolutionize governance is now.
- The judicial system, responsible for upholding justice and preserving the rule of law, can leverage the Drawer's capabilities to revolutionize legal proceedings. By securely storing and managing smart contracts, the Drawer ensures the confidentiality of sensitive information and streamlines the execution of legal agreements. Judges,

lawyers, and litigants can navigate the complexities of the legal system with confidence, knowing that their.

DRAWER technology offers a secure method for managing smart contracts in Web3, functioning similarly to the drawers in law offices. However, in this case, smart contracts are stored on the blockchain, providing complete transparency and verifiability. ExtractoDAO's vision extends beyond contract management, aiming to promote food security and fair income for all participants using cutting-edge blockchain technology. The team at ExtractoDAO is dedicated to achieving widespread adoption of smart contracts and introducing regret clauses when necessary, which can be executed within the smart contracts. This capability represents a game-changing development that will have a positive impact on the market.



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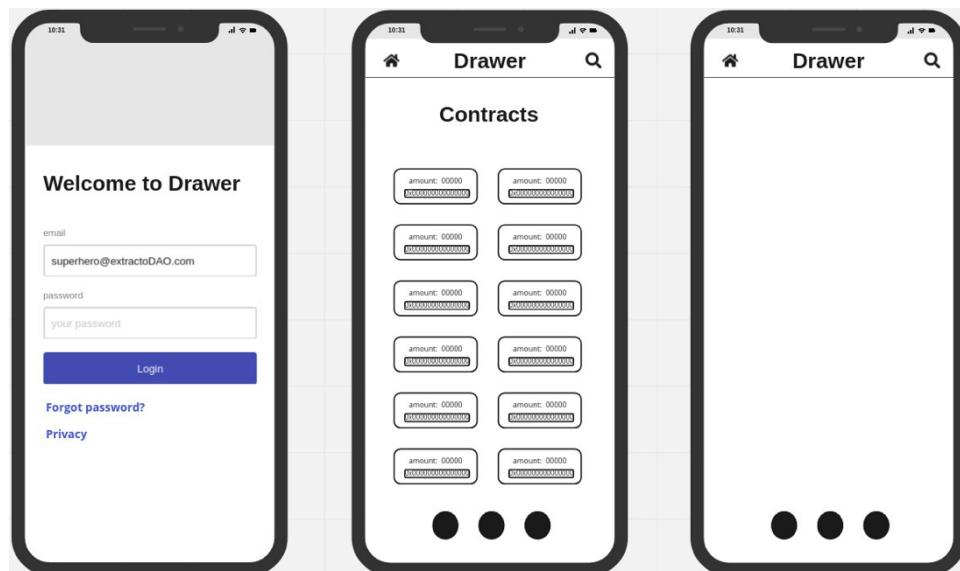


backed by the contract holder. ExtractoDAO's technology focuses on the trading of smart contracts, allowing two parties to securely and transparently negotiate a contract without the need for intermediaries or complex bureaucratic processes. This solution has great potential in sectors such as precious metals, agribusiness, technology, the metaverse, online gaming, the art industry, governments, the automotive industry, and the financial market. ExtractoDAO is also capable of integrating DeFi and TradFi, enabling users to interact with the platform more flexibly and providing innovative and efficient solutions across different sectors.

ExtractoDAO holds a global patent for its technology, and copyright protection is ensured, minimizing risks for investors. The team consists of blockchain technology experts and experienced professionals in finance and business. They are committed to ensuring the platform's success and providing innovative solutions that can have a positive impact on the industry. The company's business strategy includes expanding into new markets and strengthening partnerships with technology companies, fintechs, and commodity firms in general.

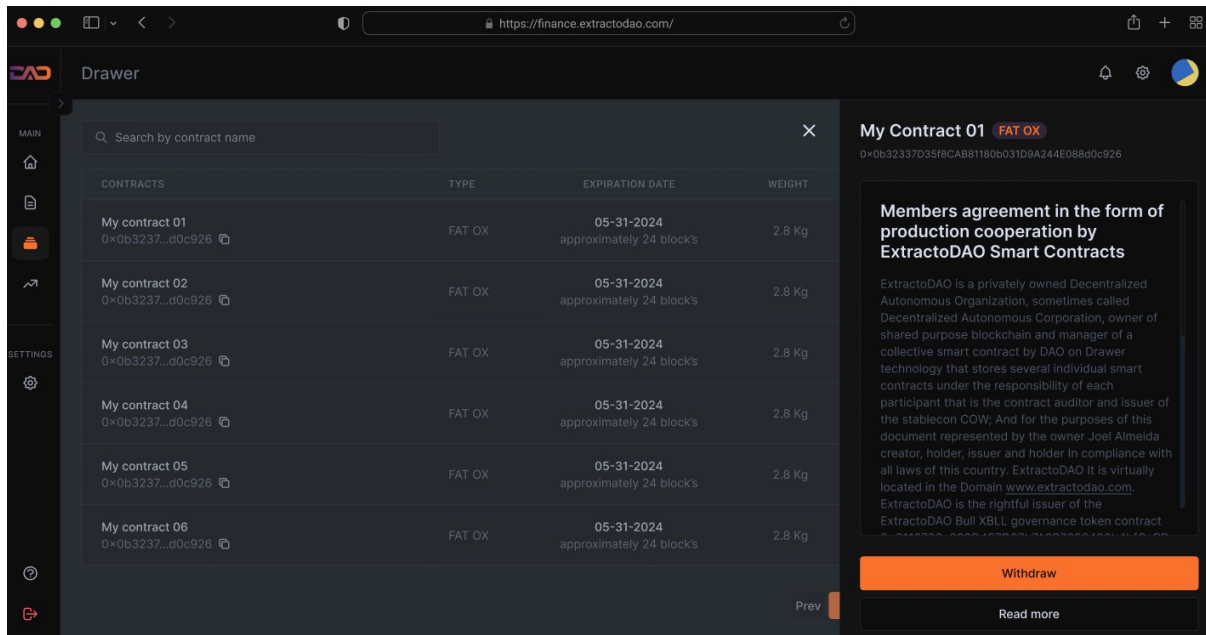
ExtractoDAO is also focused on improving its platform, with a strong emphasis on security, transparency, and auditability. In conclusion, Drawer is a smart contract trading platform integrated with DeFi and TradFi technologies. Its goal is to create a world governed by smart contracts between two parties in various sectors, including precious metals, agribusiness, technology, the metaverse, online gaming, the art industry, governments, the automotive industry, and financial markets. The technology is globally patented and protected by copyright, minimizing risk for investors. With Drawer, investors can be confident in investing in innovative technology that is protected and has significant transformative potential in various sectors.

Example: Drawer Tecnologia futures market smartphone



Initially, the developers launched the online platform of Drawer and are working on developing iOS and Android app versions of Drawer. All DeFi members participating in Extracto@ smart contracts and all other contracts to be issued on the platform can use the online version of Drawer. Drawer creates a new market for smart contracts and serves the same function as "drawers" in law offices, but with the aim of securely storing smart contracts on the web in a transparent and auditable manner for everyone. However, ExtractoDAO will also allow clients to hide contract information with anonymity technology in the future if they desire.

Drawers should not be confused with cryptocurrency wallets that store tokens. Drawer stores smart contracts that can be verified on the blockchain with editable clauses and fulfill their functions in Web3. Drawer adheres to the new web3.0 market standard envisioned by Joel Almeida, in opposition to Buterin's initial idea that everything should be tokenized in the market because there was no other option. Now we have a more advanced and secure technology than tokenization, which opened doors for scams, but at the same time, it has its importance in the market.



The screenshot displays the ExtractoDAO web interface. On the left, a sidebar contains navigation links for 'MAIN', 'HOME', 'CONTRACTS', 'SETTINGS', and 'PROFILER'. The main content area is titled 'Drawer' and features a search bar 'Search by contract name'. Below the search bar is a table listing six smart contracts, all of type 'FAT OX' and expiring on '05-31-2024'.

CONTRACTS	TYPE	EXPIRATION DATE	WEIGHT
My contract 01 0x0b3237...d0c926	FAT OX	05-31-2024 approximately 24 block's	2.8 Kg
My contract 02 0x0b3237...d0c926	FAT OX	05-31-2024 approximately 24 block's	2.8 Kg
My contract 03 0x0b3237...d0c926	FAT OX	05-31-2024 approximately 24 block's	2.8 Kg
My contract 04 0x0b3237...d0c926	FAT OX	05-31-2024 approximately 24 block's	2.8 Kg
My contract 05 0x0b3237...d0c926	FAT OX	05-31-2024 approximately 24 block's	2.8 Kg
My contract 06 0x0b3237...d0c926	FAT OX	05-31-2024 approximately 24 block's	2.8 Kg

On the right side, a detailed view of 'My Contract 01' is shown, including its address '0x0b3237d35f8CAB81180b031D9A244E088d0c926'. Below the address is a section titled 'Members agreement in the form of production cooperation by ExtractoDAO Smart Contracts'. The agreement text states: 'ExtractoDAO is a privately owned Decentralized Autonomous Organization, sometimes called Decentralized Autonomous Corporation, owner of shared purpose blockchain and manager of a collective smart contract by DAO on Drawer technology that stores several individual smart contracts under the responsibility of each participant that is the contract auditor and issuer of the stablecoin COW; And for the purposes of this document represented by the owner Joel Almeida creator, holder, issuer and holder in compliance with all laws of this country. ExtractoDAO It is virtually located in the Domain www.extractodao.com. ExtractoDAO is the rightful issuer of the ExtractoDAO Bull XBLL governance token contract 0x0b3237d35f8CAB81180b031D9A244E088d0c926'. At the bottom of the contract details are two buttons: 'Withdraw' and 'Read more'.

Drawer sends a message to the market that things will change in the coming years and that there is not only the option of tokenization but also a technology that brings more security and legal guarantees between two parties, including the possibility of implementing and executing regret clauses in smart contracts if necessary.

The abusive use of tokenization in most existing projects, consisting of generating a single smart contract and selling tokens for fundraising, has left the market vulnerable, but this interests many in the market. There is nothing wrong with tokenization; however, it makes life much more difficult for criminals. A team of researchers from ARXIV states that 97.7% of tokens launched on the decentralized crypto exchange Uniswap turned out to be scams. Drawer will neutralize this criminal behavior allowed by tokenization in the market. We should focus on Drawer and the massive use of smart contracts; we want tokenization with more responsibility. Are tokens fulfilling their role well? Can we play against market data? Of course not, which is why ExtractoDAO created Drawer to solve several problems that tokenization cannot solve.

For the first time in the world, ExtractoDAO allows each individual to create their own stablecoin with a single click, eliminating the need for a central issuer like USDT, USDC, and BUSD. The COW Coin is the native currency of the ExtractoDAO DeFi ecosystem, backed by the contract holder, which is 100% audited by the DAO and individually by the issuer, who is the contract buyer.

On the other hand, no one has created a decentralized currency based on food production with the intention of using the cryptocurrency ecosystem to bring solutions that improve



people's lives. ExtractoDAO does exactly that, solving critical issues in the market while creating the COW Coin stablecoin and generating results for DAO participants.

There is no token lock to issue new coins; members hold smart contracts that generate profits. They mint new COW coins that are born within a balanced, fair, and flaw-free economic system. How will the project be maintained? Where will the project maintenance for marketing and development come from? Will DeFi fees alone do it? NO. The project will be maintained through administration, contract exchange, production management, and blockchain usage fees.

ExtractoDAO produces production-backed coins and charges operational fees. Its products are settled with market profits, rewarding its members and sustaining the business.

The Extracto@ smart contracts for agricultural commodities and others will have simple settlement, serving to speculate without major risks or to hedge against price movements in the world's most profitable activities. Seek rewards, manage risks, and diversify your portfolio by participating in ExtractoDAO. We have created the true futures market on blockchain technology. We are issuing Extracto and other startups to provide new ways to protect producers and buyers through position holding and risk management. Ethereum provides a blockchain for your company to tokenize, and we offer the DRAWER technology for you to issue smart contracts between two parties, fractionalizing your business among an unlimited number of participating clients. ExtractoDAO creates technology, and contract@ is the way to demonstrate that everyone can use the DRAWER technology to issue and store their smart contracts.

Drawer as a solution for a safer and more transparent market.

Regulatory monitoring and compliance: Drawer can help regulators monitor and ensure compliance of companies with existing regulations by providing technology solutions that automate the auditing process and identify irregularities.

Sensitive data management: Drawer offers advanced data security solutions to protect sensitive and confidential information, ensuring that only authorized individuals have access to them.

Data analysis and intelligence: Through data analysis tools, Drawer can assist regulators in identifying patterns, trends, and potential violations, enabling more informed and efficient decision-making.

Automation of regulatory processes: The company can help regulators optimize their internal processes, reducing bureaucracy and improving efficiency through task automation and workflow management.

Remote supervision: Drawer provides remote monitoring and supervision solutions, allowing regulators to efficiently and accurately track the activities of regulated companies, even from a distance.

Complaint and whistleblowing management: Through complaint and whistleblowing management systems, Drawer can assist regulators in handling these issues in an organized and efficient manner, facilitating issue resolution and enforcement of corrective measures.

Transparency and accountability: Through technology solutions, Drawer can help regulators promote transparency and accountability by enabling public access to relevant information about companies and their practices.

Data and system integration: The company can assist regulators in integrating different data sources and systems, facilitating information exchange and data sharing among stakeholders.

Regulatory education and training: Drawer can provide online education and training solutions for regulators, helping them stay updated on constantly evolving regulations and acquire the necessary skills for their work.

Risk analysis and fraud detection: Using advanced risk analysis and fraud detection techniques, Drawer can assist regulators in identifying suspicious behaviors and preventing illegal or fraudulent activities.

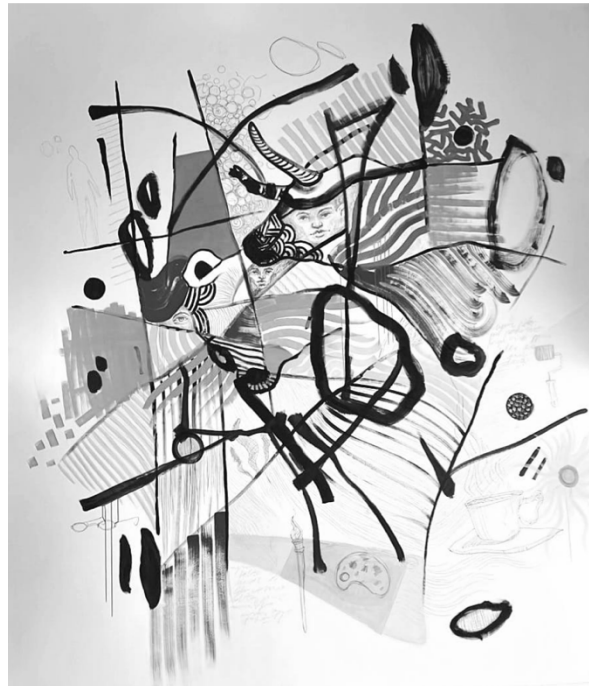
The value of a smart contract is separate from the minted tokens. A contract has real value explicitly linked to it, which serves as a real guarantee for exercising its rights. ExtractoDAO innovates and reinforces the importance of a broader application of smart contracts beyond the limited form that the cryptocurrency market has assumed through tokenization alone.

In the issuance of confidentiality clauses in Drawer, you can use RG, passport, name, address, and data with the total security and privacy provided by Drawer. ExtractoDAO does not aim to be better than any DeFi project; it simply wants to show that there is another path beyond tokenization that is more practical, functional, and instills market confidence.

What is NFT?

NFT stands for "Non-Fungible Token," which is a special type of cryptographic token that represents something unique. The first 10,000 Extracto@ smart contracts will generate 10,000 NFTs for participants, and no other NFTs will be created on the ExtractoDAO blockchain. DAO participants will have a preference to become collectors of these NFTs and will have significant weight in future voting.

According to DappRadar.NFT, the sales volume of NFTs totaled \$24.9 billion in 2021. The most expensive NFT ever sold was \$69.3 million. The average price of a common NFT ranges from \$100 to \$1,000.



Artists will be invited to produce NFTs, and we will register animal-themed NFTs linked to Extracto@ for collectors. Each NFT is unique and will be sold starting at \$995. Artists who create NFTs will receive 50% of the sales value of their artwork.

What is Extract@?

Extract@ refers to the futures contracts that participants will receive when cooperating with the production of animal protein commodities in ExtractoDAO. This will be the only contract managed by ExtractoDAO. All other contracts issued and managed by DAOs, startups, companies, governments, and NGOs are completely independent from ExtractoDAO's interference. Each issued futures contract represents one kilogram (KG) and costs around \$100 plus network fees.

Each participant can generate a contract in Drawer ranging from \$100 to \$1 million per contract, but cannot issue a contract above \$1,000,000 (one million dollars). However, they can issue as many contracts as they want, each worth \$1,000,000.

Participants can hedge smart contracts by participating in Extracto@ contracts and other contracts from other startups that issue contracts to capitalize their businesses with venture capital investment. Ethereum and other blockchains generate tokens for a smart contract for the market to purchase. It's important to note that Extracto was created for the cattle market and is based on the weight and "arroba" (unit of measurement) of cattle. When buying a contract, you are buying lean cattle and receiving fat cattle. At the contract's expiration, the buyer must burn the contract on the platform, and the COW stablecoin, pegged to the dollar, will be generated. The daily dollar quotation allows the buyer to hedge against future prices,

benefiting from the weight and, depending on market conditions, also from increases in the price of fat cattle.



This is the symbol for all contracts issued on ExtractoDAO, and all contracts are required to follow the network standards with an "@" symbol at the end. For example: extracto@, energy@, gold@, and trist@.

Extracto@ Simulation Model Results

Initial Weight = 100 kg, n = 135 days

Weight Gain = 19kg Final Weight: 119kg

Quote = \$4.85/kg; Period Inflation = 2.9%

TF Quote: \$5.25/kg

ti Value = Initial Weight X ti Quote

= 100kg x \$4.85/kg

= \$485.00

tf Value = (Initial Weight + Weight Gain) X tf Quote

= (100kg + 19kg) x \$5.25/kg

= \$624.75

Profit from Weight Gain =



Discounted TF Value due to Inflation

= Final Value X (1 - Period Inflation)

= \$624.75 X (1 - 0.029) = \$606.63

Real Profit = Discounted TF Value - Ti Value

= \$606.63 - \$485.00 = \$121.63

Profit Percentage =

EXTRACTO@ Profit 135 days

Extracto@ is the name given to the futures contracts that participants will receive when cooperating with the production of animal protein commodities in ExtractoDAO. This will be the only contract managed by ExtractoDAO. All other contracts issued and managed will be completely independent and operated by DAOs, startups, companies, governments, and NGOs without any interference from ExtractoDAO. Each futures contract represents one kilogram (KG) and costs around \$100 plus network fees.

ExtractoDAO will revolutionize the use of smart contracts like never before. Extracto@ smart contracts will generate wealth and allocate profits to mint COW to the member, calculating and charging applicable fees for spreads and operational expenses. Other contracts will be given names by their creators or the communities that list them, and their expiration dates will be adjusted according to their products and generated returns. All contracts issued on the platform must use the "@" symbol in their names. For example, new contracts to be listed by startups in the second semester include Bit@, Flip@, Multi@, alho@, crystal@, and others.

ExtractoDAO has no legal responsibility for any contract launched on its platform, except for Extracto@. Similarly, Ethereum does not hold legal or financial responsibility for token projects listed on its platform. The same fair laws and regulations that apply to Ethereum and other blockchains apply to ExtractoDAO. The same fair laws applied to other decentralized exchanges (DEXs) such as Uniswap, Sushiswap, and PancakeSwap should be applied to ExtractoDAO's DEX since both ExtractoDAO and blockchains and DEXs are technology providers to the markets.

Commodity exporting companies can issue contracts to be capitalized, while contract holders legally become owners of some of these commodity reserves. They can also be used to issue carbon credits for a greener future. Government and banking securities can be issued on the drawer, as tokenizing a government or banking security or any organization does not make sense. Why tokenize a security when it can be created by the issuer in the drawer, customized, managed, and securely purchased, and upon maturity, the investor can receive the invested value while the security is burned by the issuer upon payment?



Tokenization fractures a tangible and intangible asset in a patched-up manner without meaning, as multiple patches will be required to ensure rights, which are insured with the drawer. A contract holder can manage multiple contracts with clauses that ensure legal property rights. The contract holder manages the contracts and is the sole holder of the private keys.

Every contract that expires, whether Extracto@ in 135 days or contracts issued by other companies with different expiration times, will generate COWs for as many days as the issuers deem necessary. After expiration, the COW will be burned. When the generated COWs are exchanged for any other stablecoin or fiat currency, they will be burned. This ensures that there will never be disruptive inflation in the ecosystem. When the individual issuer of the contract exchanges it for another stablecoin or fiat currency, even if widely accepted but with questionable backing, the COW must be burned, cease to exist, or simply go into the black hole. We are creating a responsible and almost perfect economic model.

People from anywhere in the world will be able to generate contracts on the ExtractoDAO platform because when this contract is generated, the generated COW can be exchanged with collateral in the Liquidity Pool or paired with USDT, USDC, DAI, or BUSD on the pool provided by ExtractoDAO itself or in pools created on SushiSwap, Uniswap, and other DEXs. All issued contracts have traceability on the blockchain and can be closely monitored by DAO members. The COW can also be listed and paired with other stablecoins on CEXs if necessary.

What ExtractoDAO is doing is creating a global market within the cryptocurrency ecosystem without foolish exposure to cryptocurrency market risks. In the case of the Extracto@ contract, it will be a contract with ExtractoDAO itself. However, all other issued contracts will create a kind of wrapped COW to ensure the liquidity of their contracts in the pool, which should be supervised by the participants. Each startup has investors interested in that market sector, and each entrepreneur has their own business model that will attract people who identify with that business. What ExtractoDAO does is empower each business, but each contract will be governed by buyers who decide where to allocate their resources, thus creating a healthy environment with an intelligent global economy.

“Note: The Extracto@ prices provided are for illustrative purposes only. The prices of the Extracto@ contract vary daily between \$3.50 and \$5.00 USD. No entanto, ExtractoDAO apenas gera contratos inteligentes com direitos para a emissão de capital de risco para a ser capitalizada, logo todos envolvidos assumem os mesmos riscos. “

What is a DAO bull extract?

It is the governance utility token that gives voting power to participants in ExtractoDAO. It is a utility token of the ExtractoDAO ecosystem and can never be considered an investment of any kind. Speculators who like to buy tokens to maximize profitability can buy the tokens, but XBLL is in no way a financial investment.



BULL token holders (XBLL) acknowledge that they are purchasing voting power and governance of the DAO and not investing in a financial asset. Holders are acquiring a utility token on the ExtractoDAO platform with no promise of financial returns, only voting power.

And how about a COWs is COW Coin?

The COWs (**Community-Owned Wealth Securities**) are an innovative form of community investment instruments in the ExtractoDAO Ecosystem. These COWs are generated after the burning of individual smart contracts that have expired, resulting in the issuance of COWs. This approach provides a unique way to generate value and financial stability within the community. This novel application of blockchain technology establishes a modern economy, contributes to entrepreneurial development, and generates economic growth without the need to transform what has never been financial securities into financial securities, as tokenization has done in the market. No securities commission in the world has the structure to oversee all the confusion that tokenization has created in the financial market, given the complexity and potential regulatory issues involved in this process.

COWs are issued based on advance support for production in various areas and markets. This form of advance resource contribution enables participants to contribute resources in advance to drive agricultural projects, livestock, startups, and other initiatives. Transparency is ensured through registration on the blockchain, allowing verification and tracking of transactions related to COWs. This decentralized and smart contract-based approach offers a new way of financing projects and community participation in the development of small businesses.

The innovative concept of COWs: COWs represent "**Community-Owned Wealth Securities**" and have a specific purpose: to finance agricultural production, livestock, startups, and other ventures. ExtractoDAO participants contribute funds through smart contracts executed in DeFi (decentralized finance). These funds act as an advance for the production of these projects.



Stablecoin and Backing: COWs can function as a form of stablecoin until they are exchanged for Stablecoins in the liquidity pool, maintaining their value pegged to a stable currency such as the US dollar. The backing of COWs is guaranteed by the funds sent by participants to the smart contracts. This decentralized and community-based approach ensures trust and stability for COWs.

Auditing and Transparency: Transparency is one of the fundamental principles of COWs. Participants and the ExtractoDAO community have the role of auditing and certifying the backing of each issued COW. This collective auditing approach guarantees the integrity and reliability of Community-Owned Wealth Securities.

Applications and Impact: COWs have a significant impact in sectors such as agriculture, livestock, and startups. By financing these ventures through smart contracts executed in DeFi, COWs provide a directed flow of capital for production. This drives the growth of these sectors that are not listed on exchanges as securities, making it easier for entrepreneurs and promoting collaboration within the ExtractoDAO community.

Exchange for Currencies: Community-Owned Wealth Securities can be exchanged for stablecoins such as USDC, USDT, DAI, BUSD through a conversion process. However, it is important to note that these securities are not considered securities. They are generated as a result of the financial advance made by participants for the production of goods and services, ensuring a clear and distinct relationship between smart contracts and the issued securities.

In the ExtractoDAO Ecosystem, these securities allow participants to contribute in advance to production and, in return, receive Community-Owned Wealth Securities backed by the funds sent. This decentralized and transparent approach promotes collaboration, economic growth, and financial autonomy within the ExtractoDAO community.

It is a native DeFi stablecoin backed by the participant's own capital, generated after the maturity of the Extracto@ smart contract for the future on the ExtractoDAO platform.

The COW coin is an international currency for agribusiness and various other markets that will issue smart contracts and use DRAWER. One of the major issues in the food crisis is the influence of government-backed currencies that lack responsibility for economic policies. The COW coin aims to become a global currency used for food production and various utilities. All buyers and sellers will be able to utilize the stability of the COW coin. The audit of this currency is performed by the issuer of the individual contract and the collective DAO, which means that the participating member of ExtractoDAO is the one certifying the backing of their own currency and production, rather than a central authority.



There are many stablecoins in the market, but the COW coin is the only one with an economic proposal based on being generated through a truly transparent backing. Wouldn't you trust a currency that you yourself issued and audited, with the support of a DAO community based on the backing that you created for this coin? Haven't you ever dreamed of having your own money printer? Well, ExtractoDAO is giving you the opportunity to fulfill that dream. You will mint as many COW coins as you desire based on the capital of your smart contract that you make available for food and other product production. You will decide the day and date when you will mint new COW coins because it is you who decides the day of purchasing the Extracto@ smart contract and the invested amount with the specified maturity date.

Every contract that expires, whether it's Extracto@ in 135 days or contracts issued by other companies, will generate COW for as many days as deemed necessary to burn the contract. People from anywhere in the world will be able to generate contracts on the ExtractoDAO platform because when this contract is generated, they can exchange the generated COW with collateral in the Liquidity Pool or pair COW with USDT, USDC, DAI, or BUSD in the pool provided by ExtractoDAO itself or in pools created on Sushwap, Uniswap, and other DEXs.

All issued contracts have traceability on the blockchain and can be closely monitored by DAO members. COW can also be listed and paired with other stablecoins on CEX if needed. What ExtractoDAO is doing is creating a global market within the cryptocurrency ecosystem without foolish exposure to cryptocurrency market risks. In the case of the Extracto@ contract, it will be a contract from ExtractoAO itself. However, all other issued contracts will create a kind of wrapped COW so that the liquidity of your contract is guaranteed in the pool, which should be supervised by participants. Each startup has investors interested in that market sector, and each entrepreneur has their own business model that will attract people who identify with that business. What ExtractoDAO does is empower each business, but each contract will be governed by buyers who decide where to sow their resources, thus creating a healthy environment with an intelligent global economy.



EXFARM is an educational game with a drawer function where you can view your smart contracts and simultaneously monitor the weight gain or fattening of animals while playing. You can have fun while obtaining information and results about your participation in production. You can see the fattening of lean cattle. We want to invite the gaming community to take responsibility for food production by decentralizing production by generating contracts for themselves, minting new coins upon contract maturity, and helping to bring liquidity to the ExtractoDAO ecosystem. Everyone in the cryptocurrency community has practically the same perspective; everything seems the same no matter how much we try and dedicate ourselves to creating something new, but we know deep down inside ourselves that there are various paths to achieve the same goal. For us, a game seemed like a pleasant way to familiarize ourselves with sacred values. We hope you enjoy taking on the responsibility of buying lean cattle, producing animal protein, feeding people, and ensuring food security for many, all while making money for yourselves.

ExtractoDAO resolves the following problems:

1. The world's first DeFi to bring real-world physical product economics to the futures market on the blockchain

ExtractoDAO allows the listing of any commodity globally at very low costs in the futures market and spot market to capitalize companies and entrepreneurs in their journey. The platform enables buyers to hedge smart contracts by trading various contracts for different products in one place. You can manage structured smart contract operations and protect yourself against cryptocurrency market volatility. Manage stable contracts and avoid risky, unsupported tokens. Liquidate your contracts whenever you want.

2. Hedge smart contracts for commodities.

In trading futures and perpetual spot smart contracts, it is possible to exchange smart contracts for various commodities with other commodities or sell them for cash, maximizing profits in smart contract trading. ExtractoDAO's solution provides legal security by using drawer technology as an alternative to tokenization. You can issue and trade contracts globally. Various commodities, like natural gas, can be traded. Any type of futures contract can be exchanged if traders agree. Now, products that would never receive attention from major futures and spot exchanges can be listed on ExtractoDAO's DEX, with 100% control given to the company that issued the contract. ExtractoDAO does not manage contract funds or liquidity. We create a 100% free market for companies to issue their contracts, where each company fractionalizes its assets and sells them to investors. Together, they can control the assets under the supervision of a new DAO or any other form of legal entity. All resources can be safely managed independently by smart contracts. Depending on the country where the company issues the contract, if there is a need to submit the project to regulators, we advise companies to do so. We do not interfere in the process, just as Ethereum does not interfere with any startup tokenizing on its platform, but the same rules and regulations applied to tokenization are also applied to smart contracts and should be observed. Now, producers can

protect themselves from future prices by trading their contracts in a democratic, highly technological, inclusive, and low-cost blockchain market. This is the world's first DeFi that does not use locked token collateral to generate profits for participants but rather real-world physical products that add value to society and the world. You trade smart contracts and can store them in your own drawer or trade them before maturity. Smart contracts offer market participants a wide range of products, which will be available to sophisticated traders, retail traders, and financial institutions. The drawer provides flexibility and precision to manage your market exposure. You will be operating within a real-world economic market that utilizes cryptocurrency market technology without necessarily being positioned in cryptocurrencies, minimizing risks.

3. The real futures market

Extracto@ contracts offer market participants a wide range of products, which will be offered to sophisticated traders and financial institutions. Smart contracts offer flexibility and precision to manage your exposure in the cryptocurrency market without being positioned in cryptocurrencies. Products that were previously unable to receive investment financing because they were not large-scale commodities for companies and governments can now be listed. Small producers of various exotic products that drive local and regional economies, which will never be listed on traditional exchanges like CME Group, B3, or the London Stock Exchange, now receive special attention with ExtractoDAO's Drawer technology. Small cooperatives and producers can come together around a common goal, independently list their products on ExtractoDAO's real physical economy futures market, and receive funding from global investors in any country where their plantations and businesses are located.

04: Decentralization of Private Property

The premise is that private property can now be acquired through a sense of collective ownership rather than individual ownership. For example, fractional ownership in the Drawer model can grow significantly as smart contracts allow people from different parts of the world to buy fractional ownership and rent or use these properties for their vacations, bringing financial returns and hedging across various countries. There are different models for usage, such as 40- or 50-year leases, and the transfer can be done through notaries, or the contract issuer must determine the best model to use with the drawer, as buyers from anywhere in the world can purchase fractional ownership smart contracts for any asset.

05 DeFi with hybrid liquidity and powers

ExtractoDAO has added hybrid functionality to the concept of DPoS (Delegated Proof of Stake), introducing DPR (Delegates Per Reputation) capital to the market. The traditional banking structure gains greater importance with ExtractoDAO, which solves the problem of risks associated with fund theft by relying on structures that have always worked for the benefit of humanity, even if they are not perfect. ExtractoDAO understands the importance of the TradFi market and can fully integrate its ecosystem with the CeFi and TradFi markets.



You print your own currency.

When the futures contract reaches its maturity, the contract will be burned, and the buyer will receive Cow Coin, which can be immediately exchanged for, let's say, USDT, BUSD, or USDC, and the positions will be closed. All contracts create COW, and the liquidity is managed by each contract issuer, which is honored upon its maturity. Participants create stablecoins backed by the dollar and enjoy the results of the community, which directs the funds to specific productions chosen by the DAO.

07 Your voting power in kilograms

We have applied the mathematical concept of kilograms (KG) to symbolize voting power. Votes are weighted in kilograms, ranging from 0.001 kg to 5 kg. We have solved the unresolved issues of DPos and the problem that people with more voting tokens have the power to manipulate DAO decisions. In ExtractoDAO, a participant with less voting power can increase their voting power not necessarily through the number of tokens but through their involvement in the project.

08: Delegate by earned reputation

One of the innovations for the market allows delegates to receive a hybrid license of powers in the ExtractoDAO ecosystem. This delegation of power will be based on the reputation acquired through participation in the bull token. The delegate fulfills the role of auditing in the physical market and the network, as well as performing collective auditing of the DAO.

09: The educational game with administrative purposes

EXFARM is an educational game with a draw function where you can visualize your smart contracts and simultaneously track the weight gain (or fattening) of the animal while playing. The objective is not just to play for the sake of playing but to be educated about the financial management and administration of assets and property under your responsibility.

As a venture capital firm for professional investors, institutions, hedge funds, and other organizations investing in startups, ExtractoDAO enables the entry of capital in larger volumes through business participation without the risks associated with tokenization projects of any kind or DeFi that rely on risky collateral to generate revenue, if the DAO chooses to do so in the future. ExtractoDAO is a conservative DeFi that relies on the real economy to generate revenue and the high performance of its technologies. There is no other DeFi in the global market that does what ExtractoDAO does, but ExtractoDAO can do everything that others do if it desires, such as generating profit from transaction fees and leveraging collateral for lending and borrowing to generate revenue. After many years of analyzing these models, starting with Bitshares in 2013 and many other projects that have



struggled to generate revenue for investors during the difficult times of cryptocurrency winters, ExtractoDAO founder Joel Almeida concluded that the market has matured and there is no room for playing with investors' capital anymore. On the other hand, for those who wish to continue gambling in the token casino, everyone at ExtractoDAO wishes them good luck, but we bid farewell long ago to these insane risks where the math doesn't add up. A simple example for analysis by any experienced investor in agricultural commodities is presented in this whitepaper, where the calculation adds up from end to end, taking into account all market economic data. ExtractoDAO works in technology and investment partnerships with major technology companies such as Huawei, Oracle, Amazon, and large financial institutions, which investors can analyze on our social media platforms.

"Invest with responsibility and awareness, value your money, and don't expose more than 10% of your resources to cryptocurrencies. Don't buy tokens and cryptocurrencies based on news from websites or social media exposure. Always seek the guidance of an expert in the market, and never invest more than you are willing to lose. The physical economy market is still the safest market in the world, but it's unlikely that you will get rich investing in commodities. Therefore, ExtractoDAO is a project for professional and institutional investors who have in-depth knowledge of the markets.

"Invest responsibly and consciously, value your money, and do not expose more than 10% of your resources to cryptocurrencies. Do not purchase tokens and cryptocurrencies based on website news or social media exposure. Always seek the advice of a market expert, and never invest more than you are willing to lose. The physical economy market is still the safest market in the world, but it is unlikely that you will become rich by investing in commodities. Therefore, ExtractoDAO is a project for professional and institutional investors who have deep knowledge of the markets. **Joel Almeida, CEO, ExtractoDAO**

Good luck on your journey.

Links:

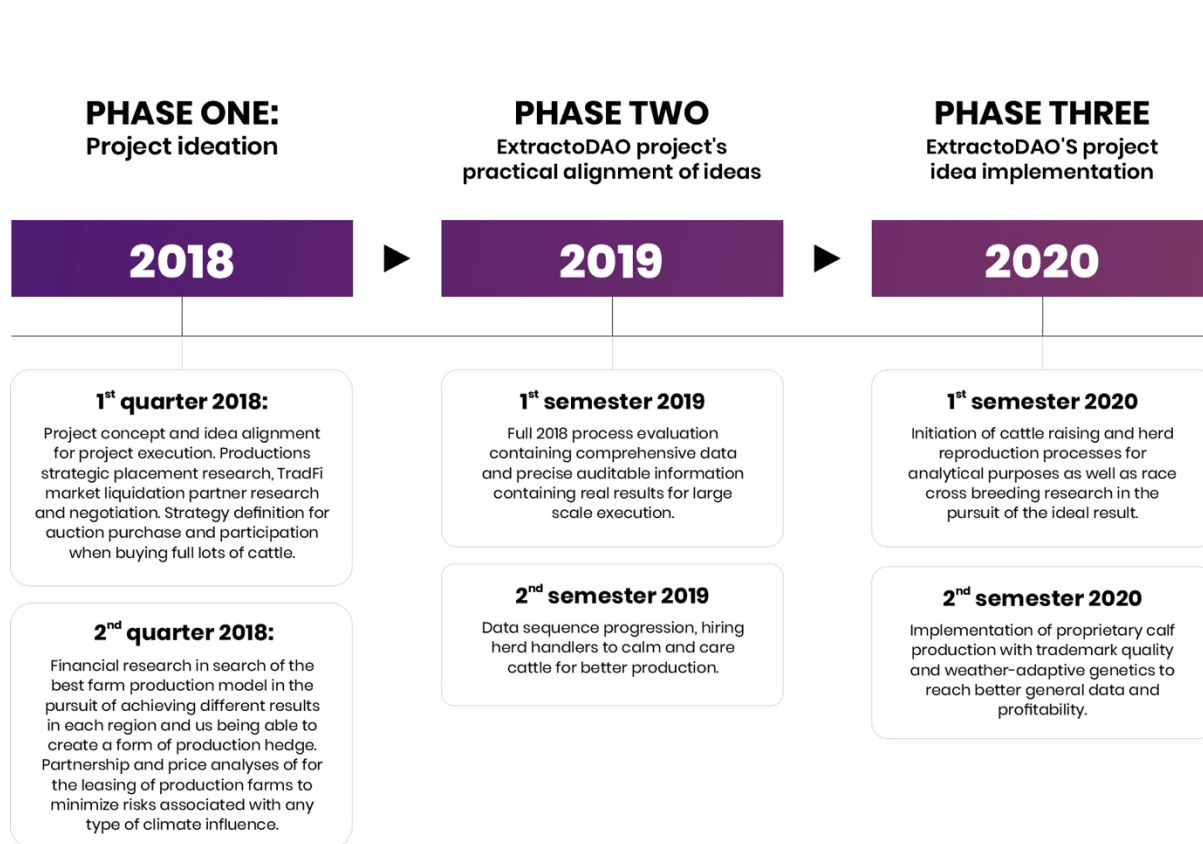
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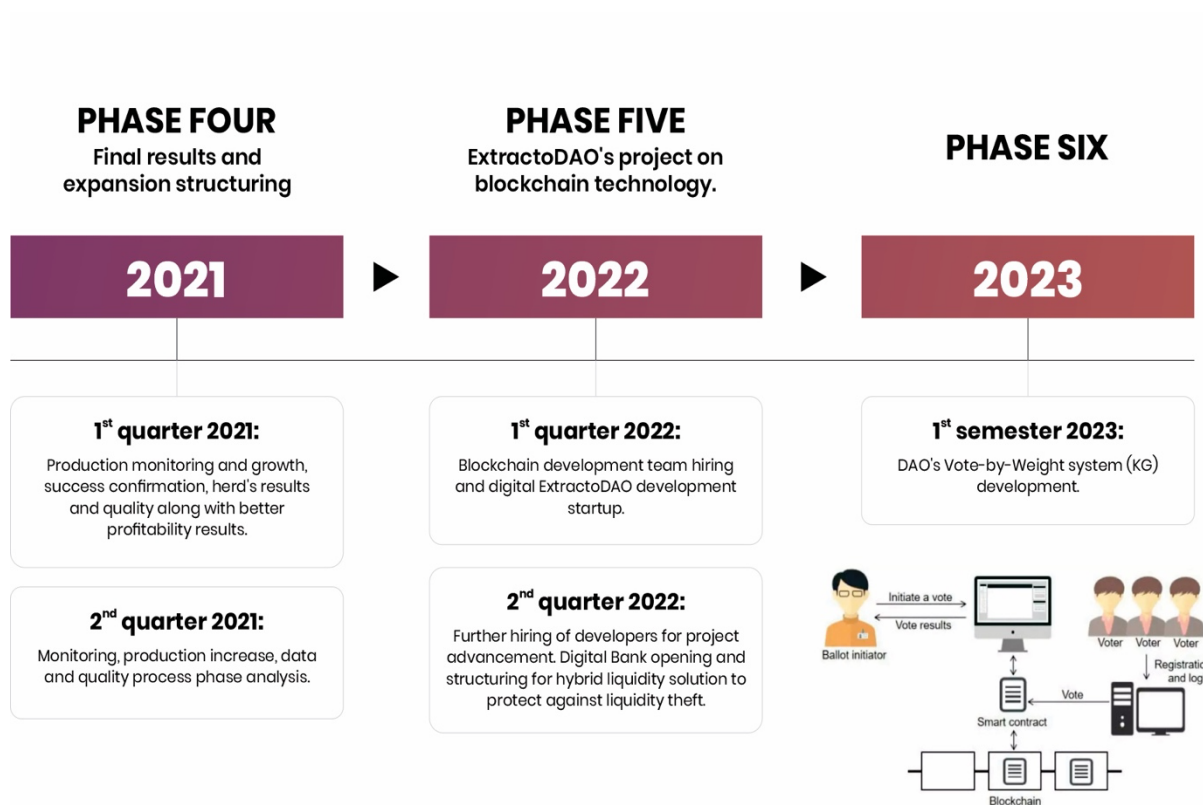
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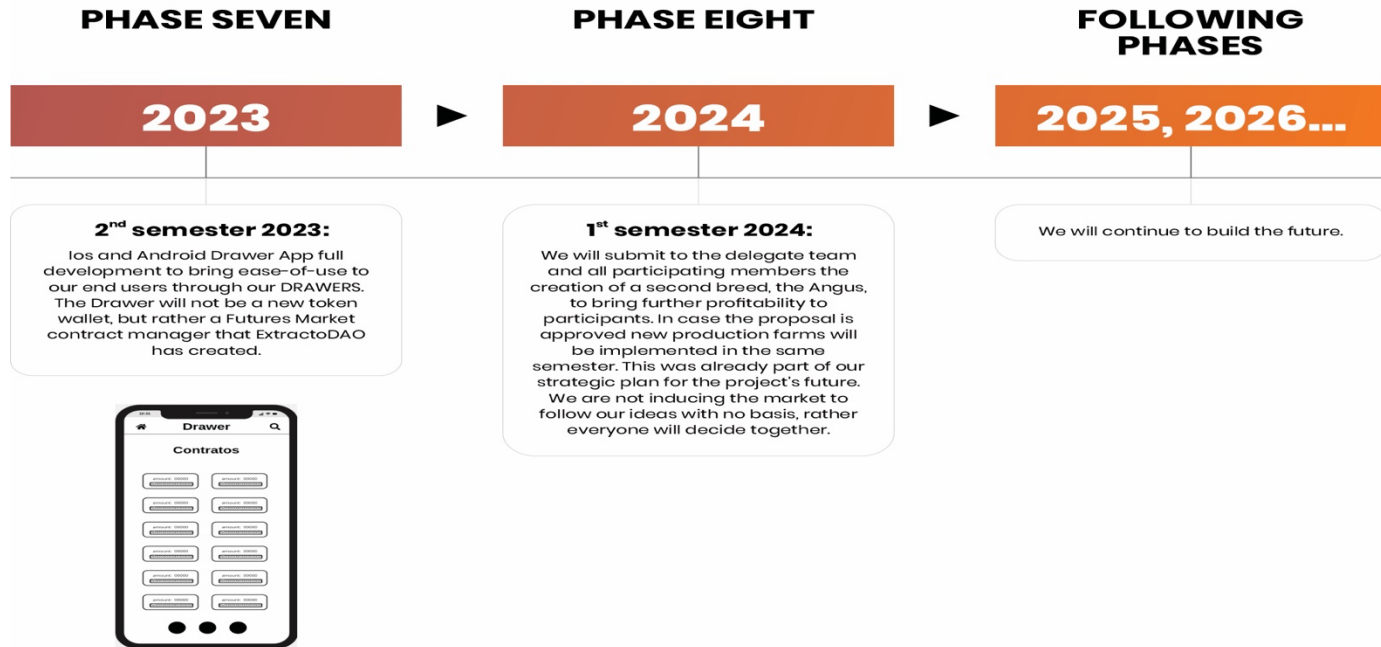
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Join us and let's build a global community together.

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ExtractoDAO LTD

January 15, 2023

SIGNED BY:

Mr. Joel Almeida, Chief Executive Officer

Startup supported by Microsoft and Huawei.



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ExtractoDAO LTD