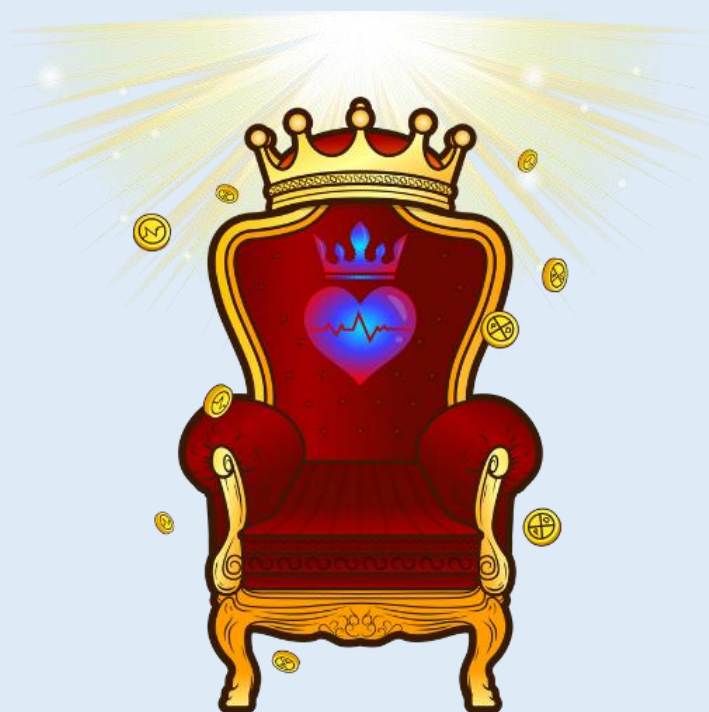


PULSEDAO



PulseDAO Whitepaper



Introductory Note

When Bitcoin was first introduced, it captured the imagination of tech enthusiasts and pioneers who shared a vision of a decentralized and improved financial future. These early adopters held fast to a simple mantra: "Do not trust; verify."

As the cryptocurrency space has grown, it has attracted a broader audience. However, for the average person, delving into the complexities of these advanced concepts can be intimidating. Naturally, many seek an authority figure or a trusted source to guide them towards their desired outcomes.

Today, the primary focus has shifted towards two key elements:

1. Price, Gains, and Financial Profits
2. A Team to Deliver on Those Profits

It's worth noting that, by definition, these two elements can classify an asset as a security, subject to the jurisdiction of the SEC.

We want to emphasize that our project is not a security. Please understand that there should be no expectation of financial gain, and we intentionally operate within a decentralized framework, without a centralized team.

Our mission is straightforward: to create a robust decentralized network and system that benefits the entire PulseChain community and society at large.

In this pursuit, we draw inspiration from successful predecessors like Bitcoin to create a fair and authentic digital asset.

Above all, we align with the core values of cryptocurrencies—decentralization and scarcity—and ensure full compliance with relevant laws and regulations.

Welcome to our vision for a decentralized future.



Risks Involved

We have created an intensive [FAQ](#) to help our users understand the risks associated with the project.

We want to be transparent about the risks and to make sure that our users are making informed decisions. We are also committed to compliance with all applicable laws and regulations.

We believe that having an intensive FAQ is an important part of our compliance efforts. We are committed to creating a compliant digital asset.

Despite our best efforts there still is inherit compliance risk due to lack of clear regulations for the ascent cryptocurrency industry.

Disclaimer

This whitepaper is intended for informational purposes only and should not be construed as an offer or solicitation of securities or investment advice.

PulseDAO (XPD) tokens are utility tokens used to secure and govern a decentralized autonomous protocol. PulseDAO (XPD) tokens are not an investment and may not be treated as such. You should not expect any financial returns.

The tokens do not represent any ownership interest in the project or any other entity. The future performance of the tokens is uncertain and could go to zero.

There is no guarantee for future value of the tokens.

The project team is not responsible for any losses that may be incurred by anyone who purchases the tokens.

The project is fully decentralized without central authority. There will be no ongoing development or marketing efforts by the founding team.

In ethos of decentralization and the core principles upon which cryptocurrencies were founded, the protocol becomes the responsibility of the community.

PulseDAO has no direct affiliation with Richard Heart or any other entity, and we have not received any compensation.



Embracing the Original Vision

In the aftermath of the 2008 financial crisis, cryptocurrencies emerged as a revolutionary concept. They embodied the principles of scarcity and decentralization, offering a sanctuary from the unbridled printing of FIAT money.

Cryptocurrencies were conceived to challenge the ceaseless fiat money machine. They aimed to create a financial world free from centralized control and the flaws of traditional monetary systems.

Challenges in Today's Crypto Landscape

However, the crypto space has witnessed an influx of copy-pasted schemes, wild speculation, and bizarre trends. People are investing in unconventional digital assets, often with reckless abandon.

PulseDAO: A Digital Diamond Reborn

Introducing PulseDAO—a beacon of hope, inspired by the original vision of cryptocurrencies. It represents a return to the essence of true digital scarcity and decentralization.

Much like a diamond, PulseDAO shines bright among the myriad projects in the crypto sphere. We stand out as a testament to the enduring value of scarcity and the brilliance of innovation, firmly believing that being different can be the catalyst for positive change in the crypto world.

In a landscape of chaos and replication, we are the Digital Diamond that sets a new standard, guiding the way with our unique approach and unwavering commitment to the core principles of cryptocurrencies.



Standing on the Shoulders of Giants

PulseDAO is not just another cryptocurrency project; it is the culmination of the best practices and successes of pioneering projects like Bitcoin, Hex and others.

We've carefully studied and embraced the qualities that made Bitcoin iconic: scarcity, decentralization, and trustlessness.

But we don't stop there. We go beyond emulation, pushing the boundaries of innovation to create a cryptocurrency that serves as a positive force for society.

PulseDAO represents the evolution of blockchain technology, where we take inspiration from the past and combine it with forward-thinking features that will empower individuals and communities in ways previously unimagined.

A Sanctuary for Believers

Together, we can rebuild the foundation upon which this revolutionary technology was founded and steer it toward a brighter, more sustainable future.

PulseDAO offers a sanctuary for those who believe in the original vision of cryptocurrencies.

Reviving First Principles

By emulating and improving upon the successful properties of Bitcoin, PulseDAO seeks to create a cryptocurrency firmly rooted in first principles.

Join Us on This Journey

Join us on this journey as we explore how PulseDAO endeavors to bring back the spirit of true digital scarcity and decentralization.

In the following pages, we will delve into PulseDAO's mission and how it aims to address the challenges facing the cryptocurrency realm.



Decentralization Challenges in PulseChain & HEX

Decentralization lies at the heart of blockchain technology, promising autonomy and collective power. However, in the case of PulseChain and HEX, this cherished ideal appears to be in jeopardy.

Users find themselves in an ironic predicament as they await the founder, Richard Heart, to guide them through crucial decisions and feature implementations.

The absence of a robust organizational infrastructure raises concerns about the network's self-sufficiency, a vital ingredient for sustainable growth and widespread adoption.

PulseDAO represents the missing puzzle piece, offering a path to true decentralization and empowering the community to take control of its destiny.

PulseDAO: Empowering the Community

In response to these challenges, PulseDAO emerges as a beacon of change. Rooted in the successful principles of blockchain technology, our mission is to forge a scarce and decentralized currency that truly empowers the community.

The core innovation lies in our in-built treasury, where long-term miners, under the vigilant supervision of a senate, gain the unique ability to allocate treasury funds.

This transformation grants the PulseChain community collective power—a voice that shapes the network's future. By incentivizing and rewarding builders to construct essential infrastructure and support public goods, we breathe life into the vision of a self-sustaining ecosystem, ultimately putting the power back where it belongs: in the hands of the users.

PulseDAO embodies the ethos of decentralization by fostering a community-driven approach, leading the way towards a more resilient and inclusive PulseChain network.



A Scarce and Decentralized Cryptocurrency

PulseDAO stands as a testament to the evolution of cryptocurrency, seamlessly integrating the most successful concepts from its predecessors, notably Bitcoin and HEX. These projects have paved the way with their commendable principles of long-term vision, delayed gratification, trustless yield, and admin-key-free decentralization.

Drawing inspiration from these pioneers, PulseDAO builds upon these foundations. However, we don't merely replicate; we innovate.

In addition to adhering to these principles, PulseDAO Certificates of Deposit offer not only trustless yield but also empower long-term miners with influence over the network's consensus, security, and treasury. This fusion of trusted concepts with novel mechanisms enhances the utility and integrity of our cryptocurrency.

Fixed and Immutable: Shaping a Scarce Digital Future

One of our core tenets is the creation of a scarce asset for the decentralized digital future, much like Bitcoin's commitment to its 21 million supply cap. To achieve this, we've established the PulseDAO token, XPD, with a maximum supply that is both fixed and immutable.

Our commitment to scarcity is unwavering—the PulseDAO maximum token supply is capped at 21 billion tokens (a thousand times more than Bitcoin's).

Ensuring that no additional tokens will ever come into existence.

The Best of Both Worlds: Flexibility Meets Immutability

PulseDAO beautifully combines the best of both worlds. While the underlying software of our protocol remains open to modification, upgrades, and tweaks by anyone in a permissionless manner, the maximum token supply remains steadfastly fixed and immutable.

In this innovative fusion of adaptability and scarcity, PulseDAO offers a cryptocurrency that not only draws inspiration from its predecessors but also charts a new course for a decentralized digital future—one where trust, transparency, and scarcity are at the forefront of our mission.



"HEX on Steroids" – Unveiling New Features

In the ever-evolving world of technology, mere marginal improvements often fall short of capturing the attention and achieving widespread adoption. It's not enough for innovation to be slightly better; it must stand head and shoulders above the rest, pushing boundaries and redefining standards.

PulseDAO proudly carries the legacy of HEX, building upon its foundation with a host of new and innovative mining features. While HEX has made its mark, we've taken it to the next level by infusing it with the power of cutting-edge technology.

Many users have drawn parallels between PulseDAO and HEX, with some even going as far as to say that PulseDAO is like HEX on steroids. This comparison stems from the enhanced features and capabilities that PulseDAO brings to the table, building upon the strong foundation laid by HEX.

Our blockchain Certificate of Deposit (CD) concept has evolved into something extraordinary.

In PulseDAO long-term miners seamlessly come together to form a Decentralized Autonomous Organization (DAO). This DAO isn't just a concept; it's a force for change—a dynamic entity that champions the support of public goods for the PulseChain network.

In a world where innovation drives progress, PulseDAO embodies the spirit of pushing boundaries, ushering in a new era of digital empowerment, and setting a higher standard for what's possible in the blockchain space.



A Decentralized Autonomous Organization (DAO)

It's imperative to recognize a stark reality in the world of "DAOs"—the vast majority are far from being truly autonomous entities. In practice, they often resemble nothing more than a Telegram channel or a token, with teams relying on services like Snapshot.

Snapshot, although a valuable tool, primarily offers off-chain voting services for token holders. In essence, it's akin to a polling service rather than a genuine mechanism for autonomy and control over the protocol. Many so-called "DAOs" may create an illusion of decentralization, but the truth is that they lack the core elements of autonomy and true blockchain integration.

Empowering Long-Term Miners for True Decentralization

PulseDAO stands apart from the crowd in the world of decentralized organizations. It embodies the essence of true decentralization, marked by a permissionless and autonomous structure.

Within PulseDAO, there is no central authority dictating the rules. Instead, the collective of long-term miners wield power and influence over the network's security and consensus in a fully decentralized and permissionless manner.

The consensus within PulseDAO is not a static construct; it's an ever-evolving agreement to adhere to the rules defined in the smart contract. While these rules can be modified, PulseDAO has implemented a decentralized and democratic process on the blockchain.

This ensures that changes to the protocol are made collectively, preserving the integrity of decentralization and preventing any undue concentration of power that might arise from token-based voting mechanisms.

In a landscape where token voting can lead to the consolidation of power in the hands of a few, PulseDAO champions a new era of true decentralization and democratic governance, placing control firmly in the hands of the community.



Unveiling a Critical Challenge: Centralization of Power

In the realm of decentralized networks, a looming concern is the risk of power becoming concentrated in the hands of a select few.

This challenge poses a fundamental threat to the core principle of decentralization, echoing a scenario witnessed even in Bitcoin's earlier days.

While Bitcoin has effectively addressed and mitigated this issue, it remains a pertinent concern in many decentralized ecosystems. In our network, we confront this challenge head-on, drawing inspiration from Bitcoin's success and innovation.

Decentralizing Power in the Bitcoin Network

In the Bitcoin network, the process of adding new blocks to the Blockchain is facilitated by miners. However, mining is a resource and capital-intensive endeavor, often prompting miners to form pools for mutual benefit.

While these pools can enhance efficiency, they also introduce a significant risk of centralization, where a few entities wield disproportionate control over the network.

To counteract this centralization threat, Bitcoin employs a powerful solution known as "validating nodes." Unlike miners, these nodes do not require specialized hardware and can be operated by anyone with an internet connection. Their crucial role is to independently validate transactions, ensuring that no single mining conglomerate or pool can seize control over the network.

By empowering validating nodes, Bitcoin maintains the principles of decentralization, placing the network's governance squarely in the hands of the community, rather than a select few with substantial resources. This approach underscores Bitcoin's commitment to preserving the integrity of its decentralized architecture.



PulseDAO's Innovative Solution: The Senate

Within PulseDAO, there exists a recognized risk: the possibility that sizable token holders could amass control over the network. To safeguard against such an outcome, PulseDAO introduces a visionary approach—what we call the "senate."

This senate is composed of real individuals, where each person holds a vote of equal value, adhering to the principle that one person equals one vote.

Empowered with the authority to veto proposals put forth by long-term miners, the senate serves as a critical check and balance.

By incorporating the senate, PulseDAO effectively mitigates the concentration of power within the hands of large token holders.

This innovative mechanism not only enhances decentralization but also fortifies the network, ensuring that governance remains distributed and resilient.

In essence, it exemplifies our commitment to preserving the core principles of decentralization and community-driven decision-making.



Bitcoin: The Ugly Truth

Bitcoin mining, once hailed as a breakthrough in financial technology, conceals an ugly truth. Miners engage in arbitrary mathematical operations to secure the network. This process extracts a staggering environmental toll. The energy-hungry Bitcoin network consumes more electricity than entire nations among the top 10 largest in the world. This insatiable appetite for power raises grave concerns about sustainability and its ecological impact.

What's more, miners often hastily sell their earnings, eroding Bitcoin's fundamental promise as a store of value. On a daily basis, approximately 900 Bitcoins are minted, amounting to roughly \$23,000,000 in today's market.

It is a mind-boggling tragedy that \$500 million is squandered every month on an arbitrary activity that ravages our environment and jeopardizes the well-being of all living species.

PulseDAO: A Green Path to Public Good

PulseDAO stands as a beacon of energy efficiency, requiring minimal electricity consumption in its operations.

Rather than incentivizing activities that harm the environment, we've pioneered a visionary concept—a treasury overflowing with resources committed to enhancing both the PulseChain ecosystem and society at large.

This treasury serves as a catalyst for transformative change, empowering us to direct resources toward initiatives that promote the public good.

From bolstering vital projects within the PulseChain network to making a meaningful impact on society, PulseDAO's innovative approach underscores the profound potential of cryptocurrency.

It's a commitment to sustainability and social progress, proof that our pursuit of profit doesn't come at the planet's expense. Instead, it's a promise to forge a brighter, more equitable future for all.



The Mission: Creating a Treasury for PulseChain

PulseDAO creates a decentralized treasury controlled by the PulseChain community.

The community can vote on how to allocate treasury funds, which can be used to support a variety of projects and initiatives for public good, such as:

- Public goods for HEX, PulseX, or PulseChain
 - Development of new dApps
 - Education and training programs
 - Marketing initiatives
 - Supporting other DeFi protocols
 - Longevity research
 - Philanthropy

The in-built treasury also acts as an incentive mechanism for contributors and influencers. Anybody can participate and apply for a grant. Treasury rewards are built into contract through inflation.

Important notice: The treasury can only be used to support PUBLIC GOODS and philanthropy. The community must be responsible and block all other treasury requests in order to comply with the laws and regulations.

The protocol is decentralized and censorship resistant meaning it cannot be shut down. However, the goal is always to act within the legal parameters of the laws and regulations. The community must tread and curate those requests carefully.



Creating A Realm of New Possibilities

Within our project, the integration of an in-built decentralized treasury and governance paves the way for a realm of unprecedented possibilities.

It transcends the realm of stone-cold computer code, evolving into a dynamic instrument for collaboration and active contribution to the greater public good.

Finished and Complete

PulseDAO has been launched as a finished and complete product. It embodies the core principles of decentralization, which means there are no employees, physical office, CEO, or corporate entity.

It's crucial to set the right expectations: within this project, there should be no anticipation of traditional work structures or centralized decision-making.

After token distribution the founding team will cease all involvement in protocol development or promotion. The path forward, towards true decentralization, rests solely in the capable hands of the community.

PulseDAO empowers individuals to actively participate in the protocol, offering their unique skills and ideas, thus collectively steering its future direction. This guarantees a level playing field and transparent ecosystem where all decisions are made collectively, without reliance on a central authority.

The protocol is designed to operate fully autonomously in a decentralized fashion. On-chain voting mechanisms enable seamless upgrades and modifications. Think of it as a system on autopilot, with the DAO—a collective of long-term miners—holding the reins, ready to optimize and adjust the course as needed.



How will the tokens be distributed?

PulseDAO protocol has already been deployed. However, the minting and securing of the network has not yet begun.

There are 3 ways the tokens will be distributed:

(1) To contributors, (2) to the PulseChain ecosystem and (3) through mining (CDs)

1.) up to 1.08 Billion PulseDAO(XPD) to Contributors:

You have the opportunity to contribute and receive tokens in return. It's very important to notice that the protocol has already been completed and is already deployed on PulseChain network. No further development or efforts to increase token value will occur. Once distribution phase concludes, the tokens will be allocated to the contributors, initiating the minting phase.

These tokens should not be viewed as an investment with financial returns in mind. Instead, they serve as a means to actively participate in securing and governing the PulseDAO protocol. Contributing allows you to experiment with participation and safeguarding of a decentralized protocol—a venture that comes with inherent risks. There are no guarantees regarding the token's future value, and its price may exhibit high volatility, potentially reaching zero. We advise only risking what you are willing to lose.

If you're interested in contributing, you can find detailed information here:

<https://PulseDAO.pro/contribute>

Roughly 5% of total supply is allocated to contributors. The rest will be gradually distributed over years to miners for securing the network and to PulseChain ecosystem to further distribute the currency and decentralize the network.

The selection of 1.08 billion tokens aligns with the historic context of Bitcoin's creator, Satoshi Nakamoto, who is presumed to have mined and accumulated roughly 1.1 million bitcoins during the early stages of Bitcoin's existence.

With PulseDAO having x1,000 larger supply, the initial token amount will be 1.08 Billion XPD tokens, distributed among a diverse group of contributors. The money will be used to cover cost of security audit, provide liquidity and as recognition for past development efforts.



2.) Distribution to PulseChain Ecosystem

Just as Bitcoin's early days required no significant investment and could be mined using regular computers, the PulseChain community will have the ability to mine PulseDAO(XPD) with no additional investment required!

Members of the PulseChain community will be able to participate in mining using the assets they already possess: PLS, PLSX, HEX, INC and T-shares (locked HEX).

Through a decentralized governance process, the DAO takes on the crucial role of deciding how tokens are allocated between XPD miners and the PulseChain ecosystem.

The role of the senators is to represent the public and make sure the currency is distributed in a fair manner to a wide array of participants. The senators receive points which can be used to participate in the governance, where decisions regarding reward allocation are made.

They serve as balancing act to the miners and make sure wider public can participate in the distribution of PulseDAO.

The primary aim of this distribution process is to foster a currency ecosystem characterized by fairness and widespread participation. Our goal is to cultivate long-term believers who are committed to the protocol's security and decentralization.

Rewards can be collected either as PulseDAO time deposits (CDs) or locked stakes, or they can be received directly into your wallet. To discourage participants seeking to exploit the protocol's generosity and engage in short-term profiteering, wallet withdrawals incur significant penalties, with potential penalties of up to -99% for short-term participants.



3.) PulseDAO Mining through Time Deposits (CDs)

PulseDAO token holders have the opportunity to commit to the protocol and earn rewards through PulseDAO time deposits, often referred to as CDs. The longer your tokens are locked up, the greater the rewards you can earn, and the more influence you wield over the security of the protocol.

In contrast to traditional bank Certificates of Deposit (CDs), which are typically low-risk, low-reward investments offered by banks, PulseDAO time deposits are not investments in the traditional sense.

A PulseDAO CD represents a trustless agreement between the user and a smart contract on the blockchain. Miners autonomously generate their own rewards for securing the network, with rewards paid out through inflation.

It's essential to note that there is no central issuer, insurance, or warranty associated with PulseDAO time deposits. Furthermore, there is no guarantee regarding the future value of the tokens.

The yield from PulseDAO time deposits is earned in the native currency, PulseDAO (XPD), and is subject to variation. The interest you earn may fluctuate over time, and the token itself may exhibit high volatility. This implies that the token's price could experience significant fluctuations and could go to 0.

PulseDAO time deposits offer an innovative way to participate in the network, but it's vital to approach them with an understanding of the associated risks and rewards.

| MINING FEATURES | HEX  | XPD  |
|--|---|--|
| 01 MINING REWARDS |  (IN HEX) |  (in XPD) |
| 02 BLOCKCHAIN CERTIFICATE OF DEPOSIT |  |  |
| 03 TIME DEPOSITS (TOKEN LOCKUPS) |  |  |
| 04 EARLY WITHDRAW PENALTY |  |  |
| 05 BUY-BACK & BURN |  |  |
| 06 DAO GOVERNANCE (VOTING POWER) |  |  |
| 07 DELEGATED VOTING |  |  |
| 08 CONSENSUS MECHANISM: ABILITY TO EVOLVE |  |  |
| 09 REWARD (APY) BOOST EVENTS |  |  |
| 10 TREASURY WALLET GOVERNANCE |  |  |
| 11 STAKE ROLL-OVER (BONUS FOR EXTENDING STAKE AFTER MATURATION) |  |  |
| 12 UPGRADING ACTIVE (LOCKED) STAKE (CHANGE TIME DEPOSIT OPTION) |  |  |
| 13 NATIVE STAKE MARKETPLACE SUPPORT (STAKE TRADING) |  |  |
| 14 TRANSFER STAKE TO ANOTHER WALLET |  |  |
| 15 NFT STAKING SUPPORT |  |  |
| 16 STAKE DIVISION: PARTIAL (WITHDRAW, TRANSFER, ROLL-OVER...) |  |  |
| 17 GIFT STAKE (CREATE STAKE TO ANOTHER WALLET) |  |  |

| | BITCOIN  | HEX  | XPD  |
|---|--|--|---|
| 01 MARKET | STORE OF VALUE | BLOCKCHAIN CERTIFICATE OF DEPOSIT | BLOCKCHAIN CERTIFICATE OF DEPOSIT + DAO (GOVERNANCE) |
| 02 DECENTRALIZED | ✓ | ✓ | ✓ |
| 03 MINING REWARDS | ✓ | ✓ (IN HEX) | ✓ (IN XPD) |
| 04 USE CASE | DIGITAL GOLD | BLOCKCHAIN CD | DIGITAL DIAMOND, BLOCKCHAIN CD, GOVERNMENT (DAO) |
| 05 MAX SUPPLY | 21 Million | NO LIMIT | 21 Billion |
| 06 ENERGY EFFICIENT | ✗ | ✓ | ✓ |
| 07 ABILITY TO ADAPT, EVOLVE AND IMPROVE (ON-CHAIN) | LOW ✗ | NONE ✗ | HIGHLY FLEXIBLE ✓ |
| 08 ON-CHAIN GOVERNANCE (DAO) | ✗ | ✗ | ✓ |
| 09 DECENTRALIZED ORACLES INTEGRATION | ✗ | ✗ | ✓ |
| 10 SCARCITY EFFECTS | HALVENING (DECREASING INFLATION OVER TIME) | TOKEN LOCKUPS (REMOVING SUPPLY) | - TOKEN LOCKUPS (REMOVING SUPPLY) - DECREASING INFLATION OVER TIME - REWARD BOOST EVENTS - TOKEN BURNS |
| 11 BUY-BACK & BURN | ✗ | ✗ | ✓ |
| 12 NETWORK OPERATION COST | EXTREMELY HIGH ☠☠☠ | NEAR ZERO ★★★★★ | NEAR ZERO ★★★★★ |
| 13 NFT SUPPORT + NFT STAKING | ✗ | ✗ | ✓ |



Inflation

PulseDAO inflation somewhat resembles that of Bitcoin, but we've chosen a supply that is x1,000 larger. This choice is based on the preferences of the community, as more digits make the currency more usable and accessible.

Mining rewards within Bitcoin, as well as PulseDAO are derived from inflation and are an integral part of the system. Bitcoin is known for its "halvenings," where inflation is halved every four years.

These events often have a positive impact on Bitcoin as they capture attention and draw new participants into the ecosystem.

Hex introduced a similar concept, albeit as a one-time event called the "Big Pay Day." In the case of PulseDAO, we've innovatively incorporated a solution known as "Reward Boost Events."

The primary objective of these events is twofold: to establish a system where inflation perpetually diminishes while simultaneously enticing and motivating new users to engage with the protocol.

This dual purpose not only furthers decentralization but also fortifies the protocol's overall strength.

Reward Boost Events

1. **Penalty Collection:** The governing contract accumulates penalties from prematurely ended CDs, along with a portion of inflation.
2. **Threshold Trigger:** Once a specific threshold of tokens is gathered, a reward boost event can be triggered.
3. **Burst of Rewards:** During a reward boost event, participants can expect a brief but substantial surge in rewards.
4. **Inflation Reduction:** After the event concludes, global inflation is intentionally reduced.
5. **Token Burn:** The tokens collected during these events are permanently burned, contributing to a deflationary aspect of the protocol.



Desired Outcomes:

- **Sustained Inflation Reduction:** Achieving a perpetual reduction in inflation.
- **Attracting New Miners:** Offering high rewards during boost events to captivate the interest of new miners.
- **Enhancing Network Decentralization:** Encouraging new miners to join and contribute to the network's decentralization and overall strength.
- **Fair Redistribution:** Ensuring collected penalties are redistributed to honest miners and utilized to regulate system inflation.

Inflation Schedule

In the early days of Bitcoin mining, miners were rewarded with an average of 50 Bitcoin every 10 minutes.

With the goal of achieving a supply that is x1,000 times larger, PulseDAO has initially set its reward mechanism to yield approximately 50,000 PulseDAO (XPD) tokens every 10 minutes.

Bitcoin's inflation rate undergoes a halving event every four years. In the case of PulseDAO, we've introduced a unique concept known as "reward boost events," which can be initiated by the community once a predefined threshold of tokens is accumulated.

These reward boost events serve as a mechanism to create short bursts of higher rewards, strategically designed to entice and engage new participants within the network.

This process is ongoing and perpetual, steadily diminishing inflation over time.

By implementing reward boost events, PulseDAO seeks to strike a balance between incentivizing participation and ensuring the long-term sustainability of the network. This approach fosters an ecosystem where both innovation and stability coexist.



Mining Features

PulseDAO introduces innovative mining solutions and leverages advanced Certificate of Deposit (CD) technology, forming the cornerstone of our decentralized system and serving as the bedrock on which the Decentralized Autonomous Organization (DAO) is established.

Users have the option to create a "Certificate of Deposit" (CD) by committing their PulseDAO currency. These CDs offer users a means to earn interest paid in XPD, with rewards seamlessly integrated into the smart contract and funded through inflation.

Longer lock-up periods within these CDs result in higher rewards, as well increased influence over the security of the network. This dynamic incentive structure not only promotes network participation but also enhances the overall robustness and decentralization of PulseDAO. By rewarding long-term miners with increased influence, we align incentives, encouraging them to act in the best interests for long-term viability of the protocol.

1.) Creating a New CD (certificate of deposit)

PulseDAO offers a range of Certificate of Deposit (CD) options, spanning from 1 Month to 5 Years, with greater rewards tied to longer lock-up periods.

To simplify your choices, we offer a carefully curated selection of CD options for your consideration.

It's essential to understand that rewards in the CD system are dynamic, with potential for enhanced yields during reward boost events. Over time, these rewards may gradually decline, aligning with the evolving incentives of our network.

Notably, a 5-Year CD yields a remarkable 7.5 times higher rewards compared to a 1-Month CD, providing long-term participants with a substantial advantage while bolstering the protocol's long-term viability and security.



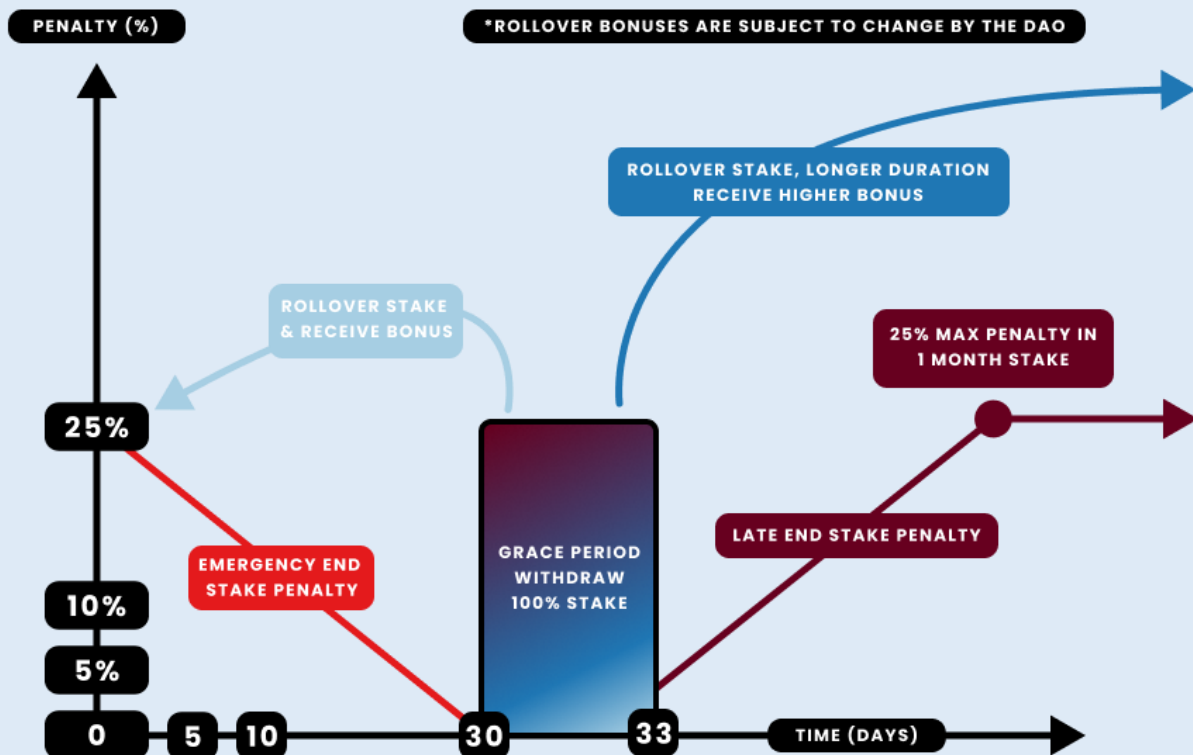
2.) Lock-up Conditions & Emergency End Penalties

Token lockups encourage long-term participation in the network. The system connects the participants and holds them accountable.

If you emergency end your CD prematurely, a penalty will be deducted. Penalties decrease linearly from the beginning until maturation and range from 25% to 82% depending on the lock-up duration.

Once your stake matures, you can withdraw your tokens and the interest they have earned. You can also choose to roll over your stake (re-commit) for another period of time.

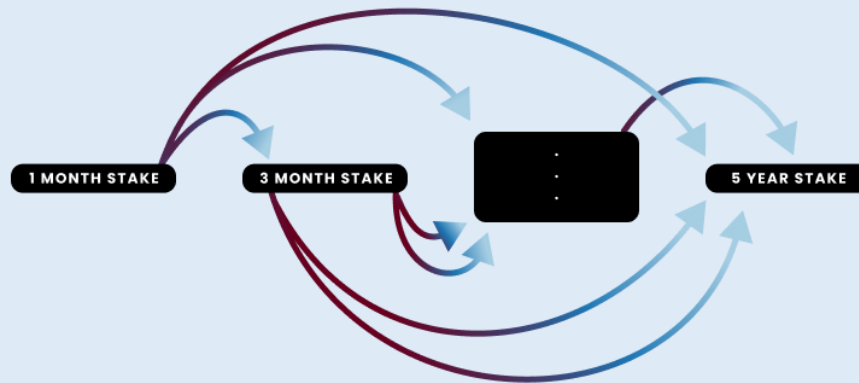
If you do not withdraw within the grace period, your CD will continue to earn interest, but the penalty will be re-introduced. After maturation you can always re-commit (reset timer) and avoid the penalty.





3.) Hop Active CD (Change CD option)

You can always "hop" your active CD into a longer duration; you will earn higher rewards and receive more voting power. Your interest earned, as well as the time already served, will be transferred.



4.) CD Rollover (Get Bonus for Extending CD)

Once your CD matures, you can roll it over(extend) and receive a bonus for doing so. The bonus is paid by the governing contract. Bonuses are determined through the PulseDAO voting.

Rollover bonuses are paid to users who re-commit and participate in the protocol. This is done to encourage long-term commitment, which is essential for maintaining the security and decentralization of the protocol.

5.) Gift CD: Create CD to Another Wallet

You can create a CD for another wallet. This can be used to give a CD to another user, or to create a CD for a cold wallet address. There is an additional option that allows you to set a mandatory time lock (during which the CD cannot be prematurely ended).

6.) Transfer CD to Another Wallet

CD can be transferred to another wallet.



7.) CD Marketplace Support

There is an in-built functionality that allows integration of a CD marketplace through smart contracts. This feature can be turned on and off like a switch through voting. Upon the initial launch of the system, this feature will be turned off to preserve the health of the ecosystem.

Native integration gives the DAO greater control than third party implementations. If the feature proves to be beneficial later on, it can be activated simply.

8.) CD Division (Partial Transfer, Withdraw...)

The majority of features support partitioning of the CD. For example, you can withdraw, transfer, hop, or roll over just a portion of the time deposit (CD).

9.) Mining using NFTs

PulseDAO system allows mining using NFTs.

Any NFT collection can be nominated to receive a portion of NFT mining rewards through a governance process. This means that the DAO members can decide which NFT collections they want to support, and how much weight to give to each collection.

For example, if the DAO members wished to grant rewards to Hedron NFTs (the Hex Staked Instance), the system has such possibility by design.

The DAO also decides the overall allocation of rewards dedicated for mining using NFTs.



10.) PulseDAO CD Rewards for the Pulsechain Ecosystem

PulseDAO allows you to mine using PulseChain(PLS), PulseX(PLSX), Hex, T-shares and Incentive (INC) token.


Rewards get harvested as PulseDAO time deposits (CDs) that earn you yield and give voting power in the PulseDAO network.

This serves as means of creating a fairly launched, widely distributed and highly decentralized digital currency.

The PulseChain community becomes the greatest beneficiary.

Elevating The Pulsechain Ecosystem: Stake And earn XPD time deposits(CDs)


Pulse Reward Token
Stake Incentive (INC)



Create INC Stake

Earn PulseDAO(XPD)


PulseX
Stake PLSX



Create PLSX Stake

Earn PulseDAO(XPD)


Pulsechain
Stake PLS



Create PLS Stake

Earn PulseDAO(XPD)


HEX
Stake Hex



Create Hex Stake

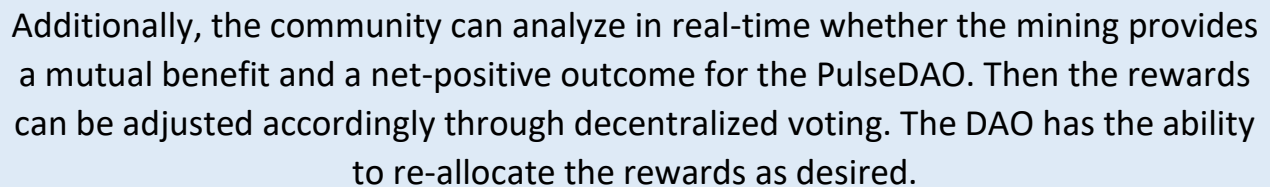
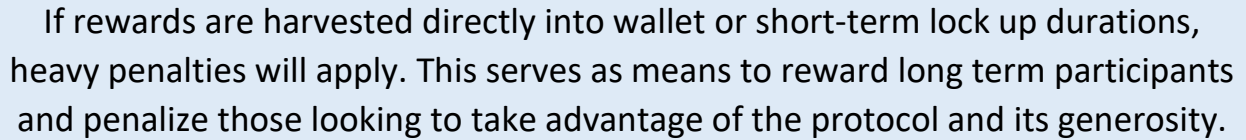
Earn PulseDAO(XPD)

HEX Double Interest
Stake Official Hex Shares

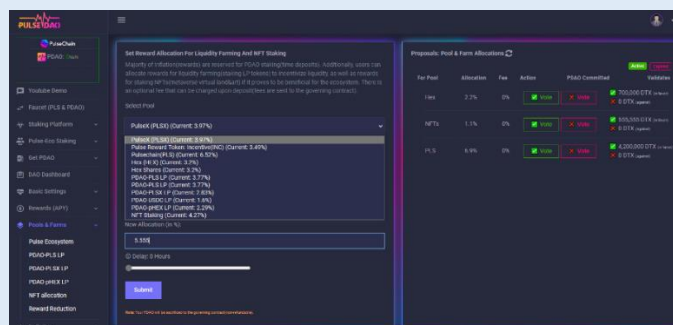


Create Staked Hex Stake

Earn PulseDAO(XPD)



The DAO can enforce an additional measure of protection - deposit and funding fees. Deposit fee is charged once upon mining start, while funding fees are charged periodically. Fees are sent to a smart contract which is collectively controlled by the DAO (long term miners and senate).





11.) Referral Rewards

PulseDAO is a decentralized protocol that relies on the community to grow. There is no central marketing team or employees, so the referral program is designed to incentivize community members to help spread the word about the project.

The referral program is simple: when you refer someone to PulseDAO, you both earn rewards. The percentage of rewards is determined by the DAO through the governance process and can range from 0% to 25% of tokens claimed.

The tokens granted as reward for referrals must be transferred through a decentralized governance process from the treasury to the reward contract in order to enable the redemptions.

The referral program is a key part of PulseDAO's growth strategy. It helps to create an autonomous and self-sufficient system that is not reliant on traditional marketing methods. By rewarding community members for referring others, PulseDAO can encourage organic growth and build a strong community.

The image displays two side-by-side screenshots of the PulseDAO referral interface. The left screenshot shows the 'Earn Referral Bonuses' section with a 'Your Referral Link' field containing a long URL. Below it is the 'Redeem Referral Bonuses' section, which includes fields for 'XPD Reward Available for Publishing' (1,000), 'Your Total Points Earned' (10,000), 'Points Redeemed' (0), and 'Referral Bonus' (10%). A 'Publish XPD' button is at the bottom. The right screenshot shows the 'Publish Tokens or Create CD Lock' section. It features a dropdown menu set to '5 Year (Receive 100%)'. Below this is a list of 'Harvest Rewards' for different durations: 5 Year (1,000 XPD (100%)), 3 Year (250 XPD (-75%)), 1 Year (100 XPD (-90%)), 6 Month (75 XPD (-92.5%)), 3 Month (50 XPD (-95%)), and 1 Month (30 XPD (-98%)). There is a 'To Publish:' field with the value '10000' and a slider. At the bottom are 'Harvest!' and 'Cancel' buttons.



Governance Features

PulseDAO has three types of voting: voting power, the senate and voting credit. Voting power is used for making important updates to the protocol, while voting credit is used for making decisions on already-integrated decision processes, such as regulating basic settings, reward boost events, mining reward allocations, token burns, governor tax, etc...

All miners receive voting power. Long term lock-up gives more voting power. The voting power is used to maintain the security and consensus of the protocol.

The senate is incorporated as additional measure to further decentralize the network and prevent big token holders from gaining control over the protocol.

The voting credit will have to be either converted by burning PulseDAO tokens or by redeeming a portion of your active CD. When casting votes, the credits are destroyed.

This is the idea behind the initial system; however, it can be altered through voting power. For example, you could receive voting credit on a monthly basis.

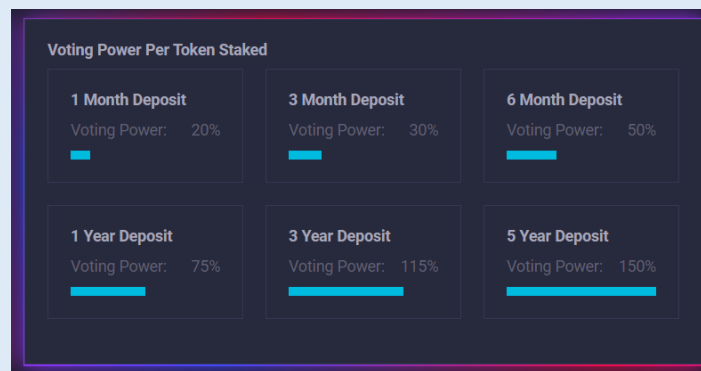
The whole idea behind upgradeability is to allow for improvements of the system over time in a decentralized and permissionless manner. Without admin keys and without central authority. The power is in the sole hands of the community.



1.) Voting Power

PulseDAO is governed by a collective of long-term miners. Miners are incentivized to act in the best interests of the protocol by having their voting power proportional to the length of time they have locked their tokens for. This creates a system of aligned incentives, where the miners have a vested interest in the long-term health of the protocol.

The protocol is designed to be highly modular, allowing for secure modifications and upgrades. Proposals for upgrades are submitted by the miners and voted on by the entire community. There is no central authority that can unilaterally change the rules of the protocol. This makes the protocol censorship-resistant and immune to corruption.



1.1) The Senate

In Bitcoin network, miners add new blocks to the blockchain. Miners are incentivized to pool their hashing power which centralizes the network. To combat this issue, Bitcoin protocol incorporates validating nodes. Anyone can run a validating node, without the need for expensive and resource intensive mining hardware.

These nodes maintain the copy of an entire blockchain and verify the correctness and consistency of the transactions submitted to the network. Nodes decentralize and make the network resistant to single points of failure or attacks - including the collision of hashing power by the miners.



In PulseDAO there is an inherent risk that big token holders would accumulate large position in the protocol and effectively take over. To combat this issue, PulseDAO incorporates the concept of a "senate".

Senate consists of regular users, where one person equals one vote. Senate has the power to veto all governance and treasury proposals.

Senators (members of the senate) have the power to add new members to the senate and further decentralize the protocol. They also have the power to expel members from the senate.

The incorporation of senate democratizes the network and prevents large token holders(miners) from gaining control over the protocol.

In addition to that, each senate member receives 1% of total published tokens in form of voting credit, which is used for regulating the system and its proposals. This can be used to protect the interest of the public.



2.) Voting Credit

To create proposals, one must commit and burn a minimum threshold of PulseDAO credit.

After the proposal is initiated, there is a period during which other participants commit their voting credit to vote for or against the proposal.

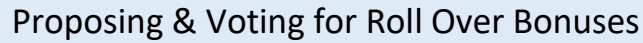
If the votes in favor exceed those against, the proposal can then be enforced. However, if at any time the votes against exceed the votes in favor, the proposal is rejected.

Therefore, the proposer can add a delay period to first accumulate votes in favor of the proposal. This is akin to a bidding mechanism for accepting proposals.

3.) Basic Settings

Basic settings can be configured to set:

- 1.) Cost to vote - this is the minimum amount of voting credit required to initiate the proposal. Unless rejected, proposals become valid. Minimum cost helps to filter out low-quality proposal and prevents spam entries
- 2.) Delay Before Enforce - This is the time period from the initiation of the proposal until it can be enforced into the system.
- 3.) Rollover Bonuses - This determines the bonus amount for each time deposit option
- 4.) System Fees – Deposit and Funding fee on PulseChain Ecosystem Mining



Viewing Vote Details for Certain Proposal

You can perform a "reputation" check-up of voters and proposers - PulseDAO participants. See the commitment and active CDs in the network for any user.

User Wallet Holdings

Wallet Balance:
21,360,971 PDAO

1 Month: 2,831,966 PDAO Staked
3 Month: 153,235 PDAO Staked
6 Month: 96,174 PDAO Staked
1 Year: 1,354,060 PDAO Staked
3 Year: 6,001 PDAO Staked
5 Year: 34,459,038 PDAO Staked

Total balance:
59,827,837 PDAO (\$121,948,726.66)

Wallet: 0xbc1D954E7a52C7acb2D28C951f3D5D73722C5c0D

👍 Close



4.) Delegate Voting Power

You can delegate your voting power to another wallet. The delegatee only receives the ability to cast votes using your voting power.

Users can view their voting power (and their effective governance share in the network) on the PulseDAO governance portal.

The screenshot shows a dark-themed interface with a grid of boxes. The top right corner has a small circular profile icon. The data is organized into two columns: 'Staked' and 'Effective'.

| | |
|-------------------------------------|-----------------|
| 1 Month: | Effective: |
| 2,833,600 PDAO staked | 566,720 PDAO |
| 3 Month: | Effective: |
| 153,451 PDAO staked | 46,035 PDAO |
| 6 Month: | Effective: |
| 96,517 PDAO staked | 48,259 PDAO |
| 1 Year: | Effective: |
| 1,432,808 PDAO staked | 1,074,606 PDAO |
| 3 Year: | Effective: |
| 3,976 PDAO staked | 4,572 PDAO |
| 5 Year: | Effective: |
| 26,556,307 PDAO staked | 39,834,461 PDAO |
| Your Effective Voting Power: | |
| 41,574,653 PDAO (0.00582% of total) | |

5.) Reward Boost Events

Reward boost events can be scheduled through the PulseDAO portal. Frequency of the reward boost events is determined by the token threshold (a required threshold of tokens must be collected, before reward boost event can be triggered. Collected tokens are burned upon completion).



Estimated Boosted Rewards

1 Month: 50% (Estimated APY)

3 Month: 75% (Estimated APY)

6 Month: 136% (Estimated APY)

1 Year: 249% (Estimated APY)

3 Year: 319% (Estimated APY)

5 Year: 373% (Estimated APY)

Close

Scheduling a reward boost event

Schedule A Reward Boost Event

Bitcoin inflation reduces by half every 4 years(Called "the halvening"). In PDAO, the governing contract collects fees, penalties and a portion of inflation. Once a threshold of tokens has been collected inside the contract, users can schedule a "reward boost" event, which temporarily increases the rewards(APY%) for stakers. Once the event expires, the global inflation of the system is reduced and the collected penalties(threshold) of PDAO are burned.
TLDR: Period of boosted rewards(APYs) + token burn + global inflation reduces. Effectively inducing volatility and attracting interest.

Choose Event Start Date:

01/28/2023

1:42 PM

New Reward Per Block:

150000

Reward Duration(In Hours):

25

Estimated Inflation:

5,869,565,217 PDAO

Estimated Rewards(APYs):

| | | | | | |
|---------|---------|---------|--------|--------|--------|
| 1Month: | 3Month: | 6Month: | 1Year: | 3Year: | 5Year: |
| 37% | 56% | 102% | 187% | 240% | 280% |

Your commitment(in PDAO)

1000000

☐ Delay: 5 Hours

Submit



6.) Mining Reward Allocation

Rewards allocation for mining rewards can be managed through the DAO.

PulseDAO determines the share of rewards allocated to the Pulsechain ecosystem, NFT mining, and subsequently rewards allocated towards PulseDAO mining through time deposits (CDs).

7.) Governor Tax

The governing contract collects penalties from prematurely ended CDs, as well as a portion of inflation. This is the mechanism to set the percentage of inflation (the "tax") that the governing contract should receive. The maximum governor tax is set at 10%. Tokens received by the governing contract can only be burned through DAO or deposited into the treasury wallet. The tokens must also be sacrificed (burned) by the governing contract in order to initiate a reward boost event.

The interface for setting the Governor Tax. It features a title 'Set Governor Tax', a label 'New Governor Tax (Current: 4.2 %)', and a slider for 'New Tax: 6.9 %'. Below the slider is a text input field for 'Your commitment(in PDAO)' containing the value '555555'. At the bottom, there is a 'Delay: 0 Hours' label with a slider and a 'Submit' button.

8.) Token Burns

Token burns can be scheduled through the PulseDAO. Tokens are burned from the governing contract.

| Token Burn Proposals | | | | | | Active | Expired |
|----------------------|-----------|--|--|----------------|-------------------------------|--------|---------|
| Amount | Burn From | Action | Commitment | Validates In | User Rep | | |
| 100,000,000 PDAO | Governor | <input checked="" type="checkbox"/> Vote <input type="checkbox"/> Vote | <input checked="" type="checkbox"/> 555,555 PDAO (in favor) <input type="checkbox"/> 0 PDAO (against) | 1 Days 7 Hours | 0x...888 View | | |
| 200,000,000 PDAO | Governor | <input checked="" type="checkbox"/> Vote <input type="checkbox"/> Vote | <input checked="" type="checkbox"/> 555,555 PDAO (in favor) <input type="checkbox"/> 0 PDAO (against) | 1 Days 6 Hours | 0x...c0b View | | |



9.) Protocol Treasury

The treasury is a decentralized fund that is controlled by the PulseDAO community. It is funded through the governor tax built into the contract through inflation.

The treasury can be used to support a variety of projects and initiatives, such as:

- **Grants to contributors:** The treasury can be used to provide grants to individuals and organizations that contribute to the development of PUBLIC GOODS for the PulseChain ecosystem. This could include developers, researchers, marketers, and other contributors.
- **Support for other protocols:** The treasury can be used to support other protocols that are aligned with the goals of the PulseDAO community. This could include protocols that are working on public goods for PulseChain, longevity research or philanthropy.
- **Buybacks and burns:** The treasury could be used to execute buybacks and token burns in specific situations, such as during a liquidity crisis, to safeguard the long-term stability and sustainability of the PulseDAO ecosystem. It is important to note that these measures are not intended to increase the token's speculative value but rather to protect the ecosystem's overall health and functionality.
- **Philanthropy:** Longevity Research or any other charitable cause
- **Other purposes:** The treasury can be used for any other purpose that is approved by the PulseDAO community.

The treasury is governed by a set of rules that are defined in the PulseDAO smart contract, ensuring that the treasury is used in a fair and transparent manner.

Important notice: The community must analyse every request on case-by-case basis in order to make sure to stay compliant with the laws and regulations. The treasury funds are exclusively designated for the creation of public goods for the Pulsechain community and philanthropic purposes.



Locked tokens

The treasury has the ability to issue tokens in a locked form. This means that the tokens cannot be transferred or sold for a certain period of time. Locked tokens can be used to incentivize long-term contributions to the PulseChain ecosystem.

For example, the treasury could issue locked tokens to developers who are working on a new dApp. The developers would not be able to sell the tokens until the dApp is launched and is successful. This would help to ensure that the developers are committed to the success of the dApp.

The use of locked tokens is a way to ensure that the treasury is used to support the development of public goods. It also helps to prevent the treasury from being used for speculative purposes.

10.) Request a Grant (Tokens or active CD)

Anyone can request a grant in a permissionless manner. Grant can be in a form of liquid tokens, or an active CD in the network. Miners vote to accept or reject the proposal. This acts as incentive mechanism for contributors and the community.

Issue Stake Donation

This is effectively the mechanism to gift a stake to a wallet using the protocol treasury funds. This is how contributors can request a donation from the protocol in form of a time-deposited stake. You improve the protocol, and you can request a donation in form of a locked-stake in the protocol. The request must be approved through voting.

Issue to Wallet:

Enter Recipient Wallet Address

Choose Stake Length

1 Month Stake

Mandatory Serve

Mandatory Time To Serve(in days)

Create Contract

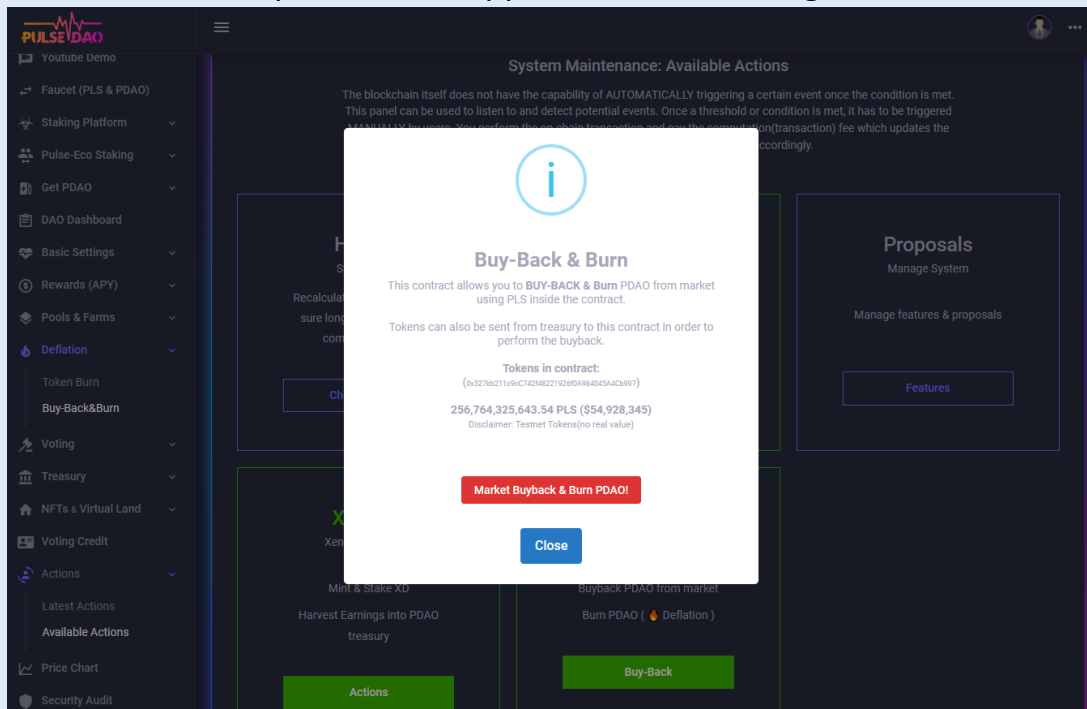


11.) The Buy-Back & Burn

The Buy-Back & Burn contract plays a vital role in supporting the long-term sustainability of the PulseDAO ecosystem. This contract swaps PLS tokens into PulseDAO tokens and subsequently burns PulseDAO(XPD) tokens, resulting in deflationary effects that reduce the overall token supply.

To perform these actions, the DAO must allocate capital from its treasury or through other means. In theory, the DAO could sell some of its tokens during periods of growth, creating a balance sheet reserve. This reserve could then be used to buy back tokens, not for the purpose of increasing token value, but to provide stability in the event of an emergency liquidity crisis that threatens the ecosystem.

Before undertaking such actions, the community shall seek legal advice to ensure full compliance with applicable laws and regulations.



12.) Live Telegram Feedback

As users interact with the governance contracts, the actions are instantly broadcasted to the Telegram live chat. This has no effect on the decisions, but it notifies the users and offers the option to discuss the proposals off-chain via chat on Telegram.



How can you participate?

1. Contribute if you are in a financial position to do so

Contribute: <https://pulseDAO.pro/contribute>

You can contribute and receive PulseDAO tokens. The protocol has already been deployed on PulseChain mainnet. Minting will begin once tokens are allocated to contributors. There is no future work or efforts to be done and there is no central authority.

Only contribute if you can afford to take the risk. The tokens are not an investment and you should have no expectations of financial return. You are buying tokens that give you the privilege to participate in securing and governing a fully decentralized protocol.

The tokens are likely to be highly volatile and could go to 0. The contributions will be used to bootstrap initial liquidity, cover cost of security audit and as recognition for past development efforts.

2. Referral: Share the word about the project and accumulate tokens

Referral program: <https://pulseDAO.pro/ref>

Spread the word about PulseDAO and its mission to build a decentralized treasury that can be used to fund public goods for the PulseChain community. Let people know about the innovative features of PulseDAO and its enormous contribution to the PulseChain ecosystem.

3. Provide your expertise & Feedback

Have a suggestion or potential improvement? Share in the Telegram:
<https://t.me/PulseDAO>



Resources

This is the earliest version of the Litepaper.

It is recommended to check the demo showreel of all the features explained below:

<https://PulseDAO.pro/demo>

You can also test the app and the full system LIVE on PulseChain testnet:

<https://testnet.PulseDAO.pro>

Smart contracts deployed on PulseChain Mainnet:

<https://PulseDAO.pro/contracts>

PulseChain Mainnet Frontend:

Notice: The Frontend is connected to the contracts, but the token supply is still at 0 and minting has not yet begun

<https://app.PulseDAO.pro>

Have a Question? Join The telegram:

<https://t.me/PulseDAO>



FAQ

Notice: the information provided is for informational purposes only and does not constitute financial advice or an offer to invest. Details are subject to change.

We have created an intensive FAQ to help our users understand the risks associated with the project. We want to be transparent about the risks and to make sure that our users are making informed decisions. We are also committed to compliance with all applicable laws and regulations. We believe that having an intensive FAQ is an important part of our compliance efforts. We are committed to creating a compliant digital asset. Despite our best efforts there still is inherit compliance risk due to lack of clear regulations for the ascent cryptocurrency industry.

The tokens are not being offered as an investment. PulseDAO(XPD) tokens serve as utility tokens designed exclusively for participation in the project's governance and ecosystem.

Ownership Interest: The tokens do not represent any ownership interest in the project or any other entity. They are intended solely for participation in protocol governance.

Regulation: Please be aware that the token is not regulated by any financial authority, and there is no guarantee of its future value. Its value may fluctuate and is subject to market dynamics.

Risk Warning: The future performance of the tokens is uncertain and could potentially go to zero. Before acquiring tokens, it is essential to understand and assess the risks involved

Decentralization: Our project is fully decentralized, with no central authority governing it. The founding team has relinquished any active role in development and marketing post-launch. The project's management and direction are now in the hands of the community.

Community Governance: The community is responsible for managing and overseeing the project's development and decision-making processes.

By acquiring and using these tokens, you acknowledge and accept these terms and conditions. Please conduct thorough research and consider your own risk tolerance before acquiring any tokens. If you have any doubts or concerns, we recommend seeking advice from a financial advisor or legal professional.



Why do you say PulseDAO is a "Digital diamond"?

Inspired by the original vision of Bitcoin, PulseDAO brings back the concept of a genuine and scarce digital asset in a world saturated with endless inflation and copy-pasted schemes.

By emulating and improving upon successful properties of Bitcoin and Hex, PulseDAO aims to create a fair and first-principle oriented cryptocurrency.

While 'Digital diamond' is just a metaphorical concept, it symbolizes the importance of scarcity and the restoration of the core values upon which cryptocurrencies were founded.

How will the tokens be distributed?

- (1) To contributors [Click To Contribute](#)
- (2) to the PulseChain ecosystem (HEX, T-SHARE, PLS, PLSX, INC)
- (3) through mining (CDs)

We want to launch PulseDAO in a fair manner. A relatively small portion of tokens is allocated towards contributors who decide to support us and contribute. These funds will be used to bootstrap the initial liquidity, finance security audits, and as recognition for past development efforts.

The great majority of the tokens will be slowly minted into existence through time deposit mining(CDs) and distribution to the PulseChain ecosystem holders in order to create a fair and widely distributed decentralized currency.

Token Reward Process For PulseChain Ecosystem Miners

The goal of rewarding cryptocurrency to PulseChain ecosystem holders is to build a community and create a fairly and widely distributed decentralized currency.

The rewarded tokens can be harvested into a time-locked CD to encourage long-term thinking. If you harvest rewards directly into wallet, there will be a heavy reduction in form of a penalty. By creating certificate of deposit (CD) and time-locking your tokens you will earn mining rewards. Longer time-locks pay higher rewards and give more voting power. You are effectively rewarded for governing and securing the network.



Is my principal safe from hackers and vulnerabilities?

Reward contract will be audited. Your principal is most likely very safe. However, keep in mind that the auditors do not give any guarantees.

Are you developer? We are looking for additional developers to review the code: [Telegram](#)

Rewards for HEX Locked Stakes (T-shares) has no risk

If you decide to earn rewards using your T-shares(Locked HEX CD), then there is absolutely no risk. The contract does not get any permissions or tokens. It just reads how many T-shares you possess, and provides you with a proportionate share of rewards.

Are there any fees charged on the principal?

At the very beginning there will be NO fees.

However, the system has in-built optional deposit and funding fees. Fees can be manually turned on through the governance process. Deposit fee is charged once, while funding fee is charged perpetually. The fees earned are taken from your principal and go towards a SMART CONTRACT, collectively governed by long term miners. This creates the possibility of creating collective wealth for the decentralized autonomous organization. Referral fees can be used to reward the adoption of the protocol.

How does PulseDAO compare to HEX?

HEX has laid out beautiful principles based on long-term preference. Both projects reward holders for their long-term commitment to the protocol. Both protocols pay yield to stakers(miners) that comes from inflation and not from other users.

Some describe PulseDAO as "HEX on steroids" because it takes the same fundamentals, but upgrades the system with far superior features and creates a digital government(DAO) for self-sufficiency and decentralization of the PulseChain network.



How does PulseDAO improve from HEX?

PulseDAO implements many new features in its time deposits (CDs), including roll-over bonuses, the ability to transfer stake (stake marketplace support), ability to gift stake to another user, ability to change (extend) an active CD, better reward distribution, integration of reward boost events and more.

PulseDAO (XPD) token has a maximum and IMMUTABLE total supply. PulseDAO token inflation reduces perpetually. PulseDAO software can be upgraded/modified through consensus in a decentralized manner. PulseDAO users have the collective power to utilize its treasury and allocate resources towards public goods to empower PulseChain community and society.

How does PulseDAO compare to Bitcoin?

Bitcoin became the first successful decentralized digital asset. We try to emulate the properties of Bitcoin to create a genuine and scarce digital asset.

In a world of endless inflation and depreciating currencies, Bitcoin became a digital gold with maximum supply of 21 million Bitcoins. PulseDAO (XPD) aims to become a digital diamond with a finite and maximum total supply of 21 Billion XPD tokens.

Note that past performance is not necessarily indicative of future success.

What are some similarities to Bitcoin?

1.) Bitcoin has become digital gold.

PulseDAO aims to become a digital diamond.

2.) Bitcoin has a maximum total supply of 21 million bitcoins.

PulseDAO has a maximum total supply of 21 billion XPD tokens.

3.) Early on Bitcoin required no investment. It could be obtained using regular computer hardware.

PulseDAO will require no investment early on. PulseChain community can obtain



tokens using assets they already possess.

4.) Bitcoin inflation reduces every 4 years through halvings.

PulseDAO inflation reduces periodically through reward boost events. Short burst of high rewards is followed by a token burn and reduction of the global inflation.

5.) Bitcoin prevents centralization of mining conglomerates through validating nodes.

PulseDAO prevents potential centralization of big token holders through the senate.

6.) Bitcoin software can be upgraded through consensus (GOOD).

PulseDAO software can be upgraded through consensus (GOOD!).

How does PulseDAO IMPROVE from Bitcoin?

1.) Bitcoin is a decentralized NETWORK

PulseDAO is a decentralized PROTOCOL deployed on PulseChain network.

2.) Bitcoin miners get paid for securing the network and adding transactions to the blocks.

PulseDAO miners get paid for securing the network, maintaining the consensus and governing the protocol.

3.) Bitcoin supply could be manipulated, changed and increased through consensus (BAD!).

PulseDAO supply is FIXED and IMMUTABLE (GOOD!)

4.) Bitcoin blocks and rewards are mined every 10minutes. Transactions can take upwards of 10minutes to confirm.

PulseDAO utilizes PulseChain network. Rewards are mined roughly every 10seconds. Transactions are confirmed within seconds.

5.) Bitcoin network is ENORMOUSLY expensive to maintain and consumes TREMENDOUS energy resources. It pollutes and destroys the environment. PulseDAO is energy efficient. There is minimal to no toll on the environment.



6.) Bitcoin mining is a complex and computationally intensive process that requires specialized hardware and software. This has made it difficult for the wider public to participate in mining and has led to a concentration of mining power in the hands of a few large players.

PulseDAO mining is a simple process initiated between the user and the smart contract on the blockchain. This makes it possible for anyone to participate in mining, regardless of their technical expertise. This helps to create a more decentralized and equitable cryptocurrency network.

7.) Bitcoin community has little to no power in the network.

PulseDAO community has the power and control to allocate Treasury resources towards (PulseChain)public goods, the community, charitable causes, longevity research and more.

8.) Bitcoin rewards miners to pollute the environment. Miners hurt its ability to store value as they must sell tokens to cover costs of their operations.

PulseDAO rewards the community at little to no cost. It creates the potential to allocate resources towards the empowerment of society and public goods.

How does PulseDAO compare to Traditional (Bank) Certificate of Deposits(CD)?

Traditional bank CDs(Certificate of Deposits) are considered to be low-risk and low-reward investment offered by banks. CD is a savings account that earns a fixed interest rate for a fixed period of time.

PulseDAO time deposits are NOT investments. PulseDAO CD is a trustless agreement between the user and smart contract on the blockchain. Miners mint their own rewards for securing the network. Rewards are paid from inflation.

Longer commitment to the protocol gives higher rewards. There is no central issuer and no insurance or warranty. There is no guarantee for future value of the tokens.

The yield is earned in native currency PulseDAO(XPD) and is variable. The amount of interest you earn could go up or down over time. The token is likely to be highly volatile and could go to 0.



Where do the rewards and treasury funds come from?

The mining rewards, as well as treasury funds come from inflation built into the smart contract.

What can the treasury funds be used for?

The treasury funds are exclusively designated for the creation of public goods for the Pulsechain community and philanthropic purposes, in order to comply with the laws and regulations. They cannot be used to increase the token's speculative value.

What are the risks involved?

Your principal is likely safe, and you can mine PulseDAO currency (XPD) for free or at cost of fees.

However, the rewarded token itself (XPD) should be considered as highly experimental and there is inherit risk the project fails due to technical or societal issues. It might not succeed over the long term and could go to 0.

Cryptocurrencies are highly risky and volatile assets. While we do believe the system is safe and secure, there is always risk of software failure, bugs or design flaws. There are no guarantees.

The project is subject to a number of risks, including technical, regulatory, and market risks.

Is this an opportunity to make money?

This is an opportunity to participate in a decentralized protocol and acquire a new and unique digital asset.

You should have no expectations of financial returns. The primary goal is creating a scarce digital asset and a good decentralized system that brings utility to the community.

There is no promise of future value. The tokens are likely to be highly volatile and could go to 0.



Can i earn passive income with PulseDAO?

You can mine PulseDAO currency by locking up your tokens. The rewards are paid in the native currency XPD. You can earn tokens, but there is no guarantee that the tokens will have any value. You should have no expectations of financial return.

Can i make money with PulseDAO?

PulseDAO token (XPD) IS NOT an investment. It is a decentralized system designed to provide a benefit to the community. It's a community tool made to support the development of public goods on the PulseChain network. There is no expectation of financial return. However, if you will decide to invest in the PulseDAO token, you should only invest money that you can afford to lose.

Should i buy the PulseDAO (XPD) Token?

We want to give the PulseChain community an opportunity to acquire a new and unique digital asset FOR FREE. We encourage you to mine our token for FREE.

If you decide to buy the tokens, do so at your own risk and responsibility. They are likely to be highly volatile and could go to 0.

Only risk what you are willing to lose.

The project team is not responsible for any losses that may be incurred by anyone who purchases the tokens.



What is "The Senate"?

The senate consists of members where 1 member = 1 real person. It's incorporated as a means of further decentralizing the network and preventing big token holders from gaining control over the protocol.

The senate has the power to veto all governance and treasury requests. Senate members receive the ability to redeem a portion of voting credit to their wallet with each token published.

The role of the senators is to SECURE and further decentralize the network.

They must represent and protect the interests of the public.

This mechanism has some similarities with the concept of Bitcoin validating nodes - which serve as a means to prevent the miners from getting control over the network.



How to become a member of the senate?

We believe the best senator members would be public and trusted members of the PulseChain community.

Ideal number of senators would be 50-100 members. You should contact your favorite twitter influencers to apply as a senator.

If you can provide value to the PulseDAO, you can apply as well. Twitter/Telegram account is required.

Why pursue PulseChain community to become a member of the senate?

The goal of senators is to serve and act in the interest of the public and the PulseChain community. To make sure the currency is distributed in a fair manner to a wide array of participants.

PulseDAO miners will naturally seek to decrease allocations towards (PLS, PLSX, INC, HEX, T-SHARE) as that increases their own rewards. The senators serve as a balancing act to protect and reward the PulseChain community as a whole.

Senators have the power and influence to protect the interests of PulseChain community. There are only benefits to being a senator with little to no downside.

What expectations can i have from the founding team?

It is very important to understand that we had to put hard work and countless into bringing the project to fruition. We were not motivated by financial motives.

We were not marketing in attempt to raise as much sacrifice funds as possible. Instead, we were committed to building a great product aligned with the core values and fundamentals upon which cryptocurrencies were founded.

This is our GIFT to the community. The protocol is now fully launched. There is no future work or effort from the team. As a finished and complete product, you should have NO expectation of work or effort from the founding team post-launch. When tokens are distributed, the minting process will begin, and the



protocol will be fully decentralized.

The project becomes full responsibility of the community. There should be no expectation of future work or promotion from the founding team.

The only role of the founding team post-launch can be of educational nature. At our best effort we will attempt to educate users and provide information about the technology and functionalities of the system.

**Embark on the mission and become a part of the
PulseDAO community:**

Join the community: <https://t.me/PulseDAO>

Contribute: <https://pulseDAO.pro/contribute>

Refer and Acquire Tokens: <https://pulseDAO.pro/ref>