

TRONADO

TRONADO WHITE PAPER



token.tronado.io

Executive Summary

Tronado (TRDO): Empowering the Future of Digital Transactions

This research paper examines Tronado (TRDO), a pioneering utility token designed to revolutionise digital transactions through seamless, secure, and efficient payment solutions.

Founded on September 23, 2020, in Tronado aims to redefine the financial landscape with its decentralised and fixed supply model, providing stability and security for users.



Concept of Tokens and Utility Tokens

Tokens represent digital assets created on a blockchain, serving as units of value or specific utilities within an ecosystem. Utility tokens, such as Tron (TRON), are designed to provide access to goods and services within a particular platform, facilitating transactions, access to services, and other platform-specific benefits. TRON functions as a medium of exchange, enabling efficient and secure transactions.



Digital Transactions and Payment Solutions

The demand for quick, reliable, and secure digital transactions is increasing. Tronado addresses this demand by offering a platform that supports everyday transactions, including mobile recharges, utility bill payments, and travel bookings.

Leveraging blockchain technology, Tronado ensures that these transactions are swift, transparent, and secure.



Financial Technology Landscape India and Global

India's fintech landscape is dynamic and rapidly growing, driven by increased smartphone penetration, supportive government policies, and a tech-savvy population. Initiatives like UPI (Unified Payments Interface) have revolutionised peer-to-peer and merchant transactions, setting a global benchmark for digital payments.

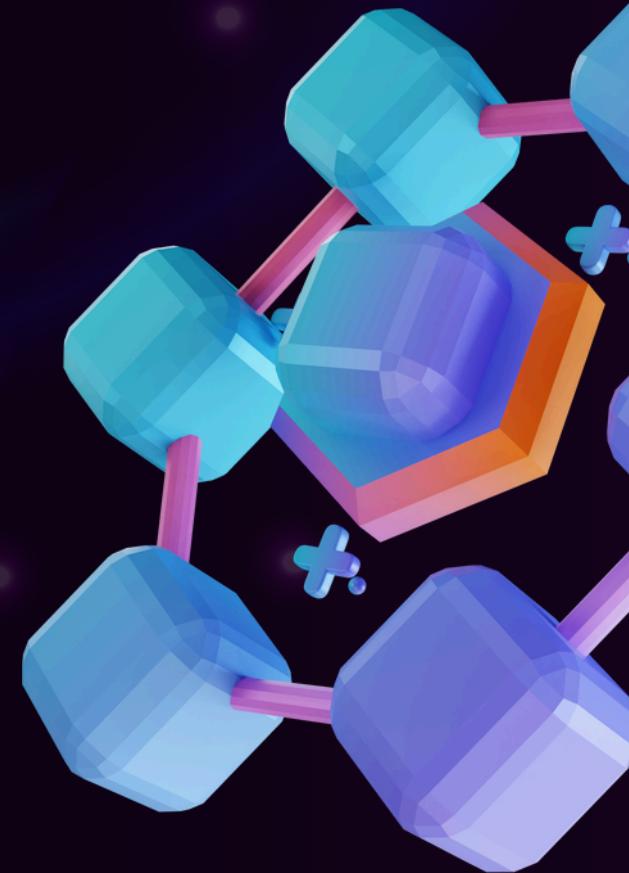
Globally, the fintech sector continues to evolve with blockchain technology playing a pivotal role. Cryptocurrencies and digital tokens streamline transactions, reduce costs, and enhance security.



Blockchain Technology

Blockchain technology underpins Tronado's operations. The transition from the TRON Blockchain (TRC20) to the Polygon (Matic) blockchain addresses high gas fees problem and ensures usability for everyday transactions. Polygon's Layer 2 scaling solutions provide higher throughput and reduced transaction costs.

Smart contracts automate processes and secure transactions without intermediaries, regularly audited to maintain security and compliance.



Decentralisation in Web3 and Payment Modes

Decentralisation has evolved from a technical term to a core principle of modern digital ecosystems, advocating for trust-less, peer-to-peer interactions facilitated by blockchain technology. In Tronado's ecosystem, decentralisation ensures that no single entity controls the token, enhancing security and trust among users. This model aligns with the broader Web3 movement, promoting a more democratic and user-centric internet.



Fixed Supply Model

A fixed supply model caps the total number of tokens, preventing the creation of new tokens beyond this limit. For Tronado, the initial supply of 500 million tokens was halved to 250 million, creating scarcity and potentially increasing value over time. This model contrasts with traditional fiat currencies, which can be printed in unlimited quantities, often leading to inflation. In the Web3 and crypto space, a fixed supply model fosters investor confidence by providing predictability and stability.



Seamless Payment Solutions Using Crypto

Cryptocurrencies like Tronado (TRDO) offer seamless payment solutions through direct, peer-to-peer transactions without intermediaries, reducing transaction times and costs while enhancing security. Tronado's integration with various payment platforms, including UPI, exemplifies how crypto can be used for everyday transactions, making digital payments more accessible and efficient.



Blockchain's Contribution to Digital Transactions

Blockchain technology revolutionises digital transactions by introducing unparalleled security, transparency, and efficiency. Each transaction is recorded on an immutable ledger, accessible to all network participants, preventing fraud and enhancing trust. The decentralised nature of blockchain eliminates the need for intermediaries, reducing costs and increasing transaction speed.



For Tronado, blockchain's contributions include reduced operational costs, improved transaction speed, scalability, and automated processes through smart contracts.



Background Story for TRDO Token Origins and Vision

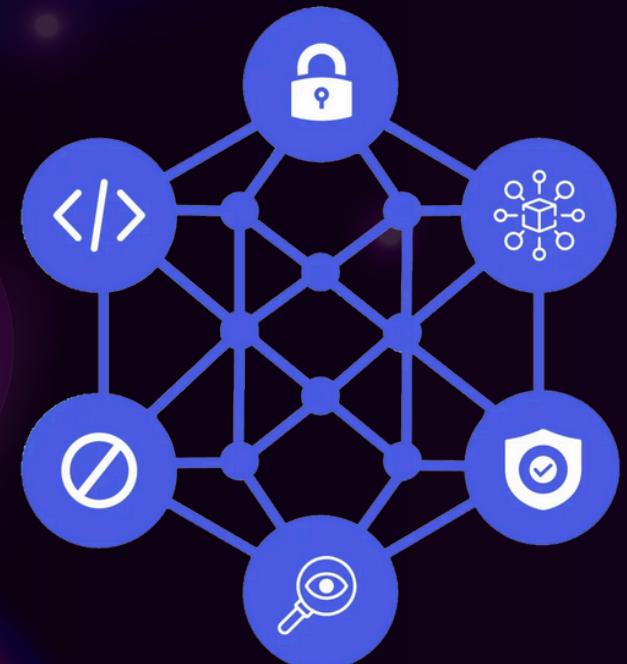
The inception of Tronado (TRDO) is deeply rooted in the vision of creating a financial ecosystem that empowers users through decentralisation, security, and inclusivity.

TRDO emerged from the need to provide a more accessible and transparent financial system that could cater to the growing demands of the digital age. As traditional financial systems faced challenges in adapting to the rapid pace of technological advancement, TRDO was designed to fill this gap by offering a decentralised platform that facilitates seamless, secure, and efficient transactions for everyone, regardless of their location or financial status.



Decentralised Finance (DeFi) and TRDO's Contribution

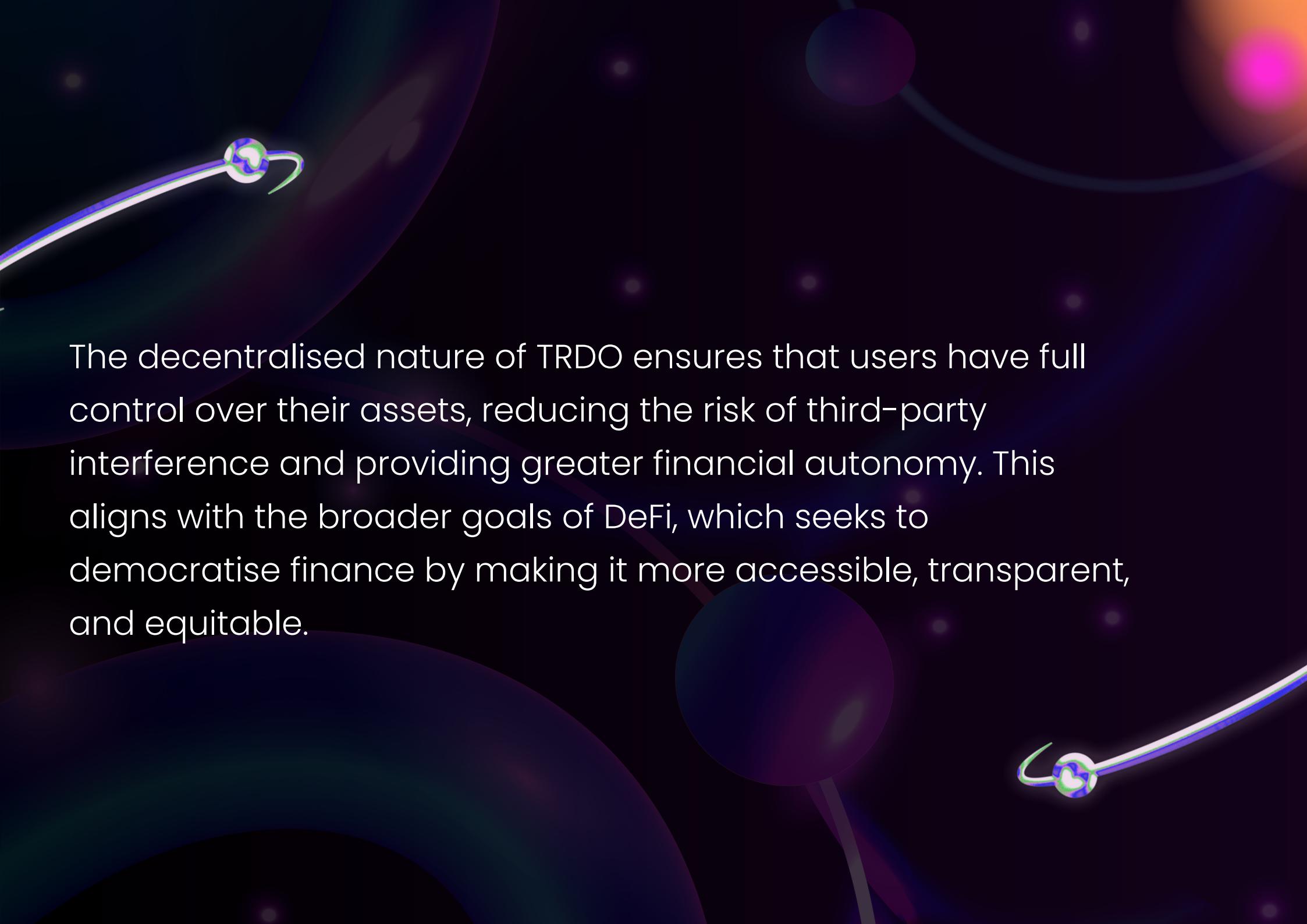
Decentralised Finance, or DeFi, is the cornerstone of the TRDO token. DeFi represents a paradigm shift in how financial services are structured and delivered. By leveraging blockchain technology, DeFi removes the need for traditional intermediaries such as banks and financial institutions, allowing for peer-to-peer transactions that are faster, cheaper, and more secure.





TRDO plays a pivotal role in this ecosystem by providing users with a utility token that can be used for a wide range of financial activities.

From everyday transactions like paying utility bills and booking travel to more complex financial operations such as lending, borrowing, and staking.

The background features a dark, minimalist design with several glowing, translucent spheres in shades of purple, blue, and green. These spheres are connected by thin, curved lines that form a network-like pattern across the slide. The overall aesthetic is futuristic and represents the decentralized nature of TRDO.

The decentralised nature of TRDO ensures that users have full control over their assets, reducing the risk of third-party interference and providing greater financial autonomy. This aligns with the broader goals of DeFi, which seeks to democratise finance by making it more accessible, transparent, and equitable.

Social Impact and Power To Vote

TRDO is not just a financial instrument; it is a tool for social empowerment. The token is designed to be more than just a means of transaction it serves as a representation of the user's stake in the broader TRDO ecosystem. By holding TRDO tokens, users gain power to cast vote within the platform, allowing them to participate in key decisions that shape the future of the ecosystem.



Corporate Social Responsibility (CSR) Plan Using TRDO

This decentralised governance model ensures that the TRDO community is actively involved in the decision making process. Whether it's to vote on new features, tokenomics, or partnerships with the other platforms, TRDO holders have a say in the direction of the project.

This empowers the community and foster a sense of ownership and responsibility among users, making TRDO more than just a currency.

It becomes a symbol of collective participation and empowerment of our community.

1. **Donation and Charity Drives:** TRDO tokens will be used to facilitate donations to various charitable organisations. By integrating smart contracts, the process will be transparent, ensuring that funds reach the intended recipients without any delay.
2. **Community Development Projects:** TRDO will partner with local communities to fund development projects such as building schools, hospitals, and infrastructure. The decentralised nature of TRDO allows for direct contributions from token holders, ensuring that projects align with community needs.

3 Educational Investment Initiatives: To promote financial literacy and blockchain education, TRDO will fund workshops, online courses, and scholarships. These initiatives will be designed to empower individuals with the knowledge and skills needed to participate in the digital economy.

4. Environmental Sustainability: TRDO is committed to supporting environmental initiatives. A portion of the tokens will be allocated to projects focused on renewable energy, reforestation, and sustainable agriculture. By using TRDO tokens, these projects will benefit from the transparency and efficiency of blockchain technology

5. Voting Initiatives: TRDO holders will have the power to vote on which CSR initiatives should be prioritised. This ensures that the community's voice is heard and that CSR efforts align with the values and needs of the TRDO ecosystem.

Mission and Vision

Vision:

To emerge as the leading utility token
for secure and efficient digital
transactions across diverse sectors.



At the heart of Tronado's mission lies a vision to become the foremost utility token driving secure and efficient digital transactions across a wide array of sectors. Tronado (TRDO) envisions a future where digital transactions are not just seamless but also accessible and trustworthy for everyone, regardless of their geographical location or financial background. By leveraging the power of decentralised finance (DeFi) and blockchain technology, TRDO aims to redefine how transactions are conducted, ensuring that they are not only swift and cost-effective but also transparent and secure.

In a world where traditional finance is slow and costly to many, TRDO aspires to bridge this gap by offering a decentralised alternative that empowers users with complete control over their assets. Whether it's facilitating everyday transactions like utility payments and travel bookings or enabling more complex financial activities.

Furthermore, TRDO's commitment to social impact through decentralised governance and CSR initiatives aligns with its broader vision. By giving users voting power and engaging in community-focused projects, TRDO is not just a financial tool but a driver of positive change. Through continuous innovation and a steadfast dedication to security, TRDO is poised to become a leading force in the global digital economy, setting new standards for how digital transactions should be conducted across diverse sectors.

Mission:

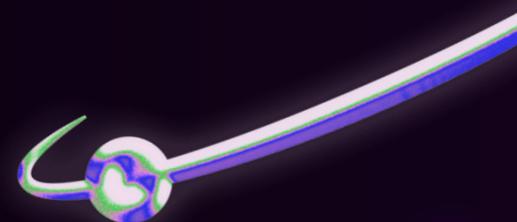
To offer a decentralised, transparent, and user friendly platform for payments, recharges, and bookings, thereby streamlining the digital transaction experience.



Tronado's mission is to provide a decentralised, transparent, and user-friendly platform that revolutionises digital transactions by ensuring security, efficiency, and accessibility. At its core, TRDO is designed to streamline the way users interact with the digital economy, making everyday financial activities like payments, recharges, and bookings not only simpler but also more secure. By leveraging cutting-edge blockchain technology, TRDO removes the barriers often associated with traditional financial systems, offering a more inclusive platform where users have complete control over their assets and transactions.

This mission is deeply intertwined with TRDO's broader commitment to empowering individuals and communities. Beyond facilitating transactions, TRDO seeks to be a catalyst for positive change through its decentralised governance model, which gives token holders a direct voice in the platform's evolution. This ensures that the platform remains aligned with the needs and values of its users, fostering a sense of ownership and community.

In every aspect, TRDO's mission is about creating a more secure, efficient, and equitable financial ecosystem, where every transaction is a step towards a more connected and empowered world.



Tokenomics:

Initial Supply and Reduction

Initial Supply: 500 million (TRDO)

Supply Reduction: Halved to 250 million (TRDO)

in December 2021 to create scarcity and enhance value.

Locked Supply:

200 million TRDO are secured in a smart contract.

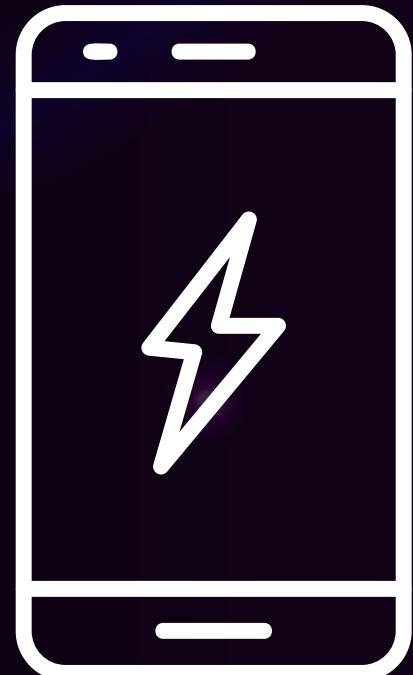
Withdrawal Mechanism:

2.5 million TRDO can be withdrawn quarterly, ensuring a controlled release of tokens into the market.

Use Cases for TRDO Token Early Use Cases (2021)

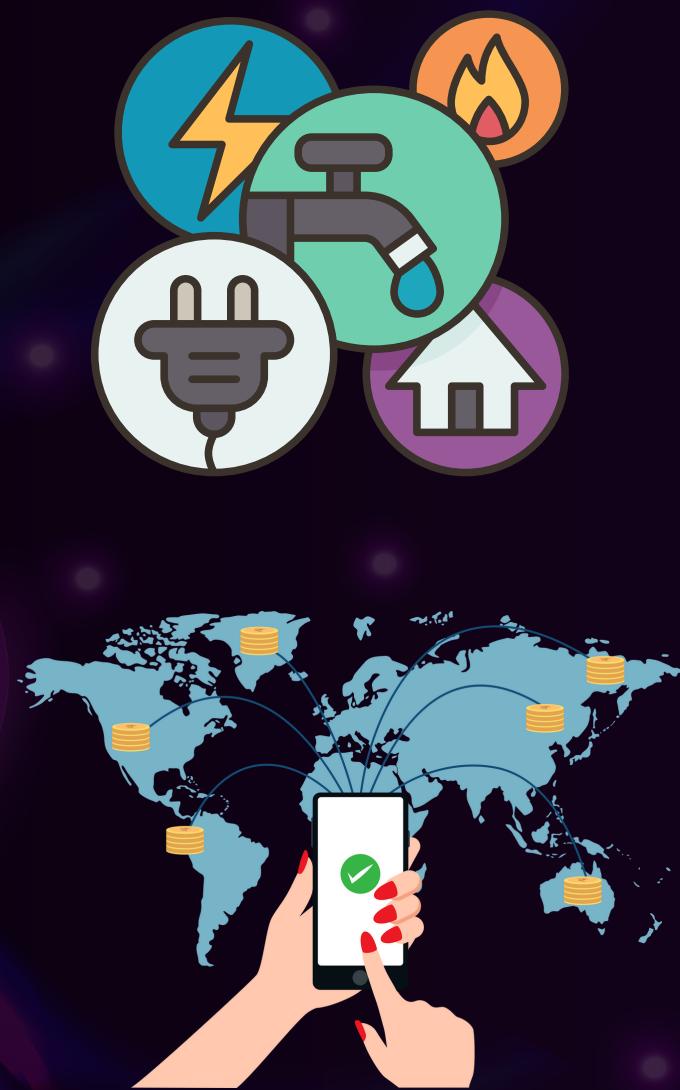
1. Mobile Recharges:

Mobile recharges were among the first use cases for the TRDO token. As mobile penetration in India skyrocketed, the demand for seamless, digital payment solutions became apparent. By 2023, the Indian mobile payment market was valued at approximately USD 645.8 billion, with a projected growth rate of 22.7% CAGR from 2024 to 2032. TRDO was integrated into this ecosystem to facilitate quick, secure, and cost-effective mobile recharges, leveraging blockchain technology to provide a transparent transaction process that could appeal to a rapidly digitising population.



2. Utility Bill Payments (Electricity, Water):

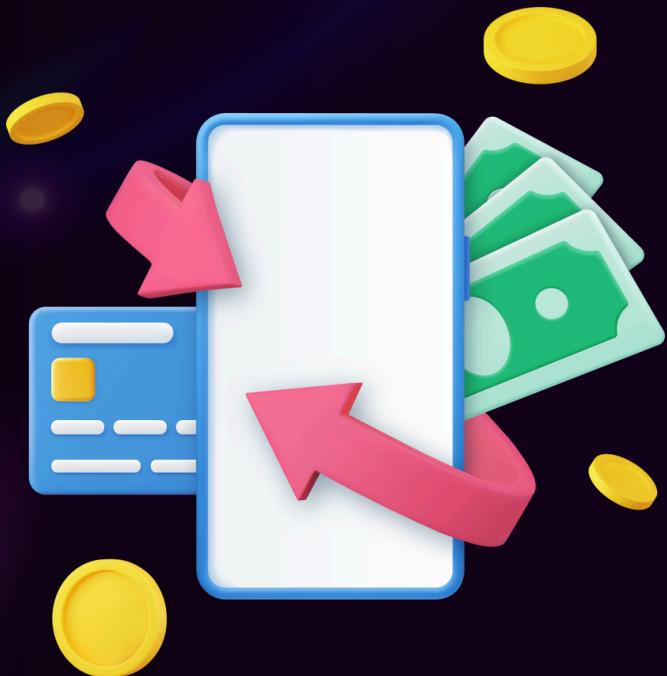
Utility bill payments are another fundamental use case for TRDO, targeting a vast user base that regularly interacts with digital payment platforms. In India, digital wallets have increasingly become the preferred method for paying utility bills, with studies showing that around 80% of e-wallet transactions are used for this purpose. The integration of TRDO in these transactions offers enhanced security through blockchain, ensuring that payments are not only seamless but also immune to fraud and data breaches.



Expanded Use Cases

1. Unified Payments Interface (UPI):

The Unified Payments Interface (UPI) has revolutionised digital payments in India, enabling real-time, peer-to-peer, and merchant transactions. UPI transactions have reached unprecedented levels, with the system processing over 131 billion transactions in the financial year 2024. By integrating TRDO into UPI, users can benefit from the low-cost, high-speed nature of UPI combined with the security and transparency of blockchain technology. This fusion creates a powerful tool for both everyday transactions and larger, more complex financial operations.



2. Travel and Accommodation:

Travel and accommodation services, including flight bookings, hotel reservations, and train tickets, represent significant growth areas for digital payments. With the Indian travel market expected to rebound and grow steadily post-pandemic, integrating TRDO into these services allows users to book and pay seamlessly while benefiting from the added security of blockchain. This not only simplifies the payment process but also ensures that transactions are tamper-proof and verifiable in real-time.



3. Ongoing Utility Bill Payments:

Beyond the initial use case, TRDO continues to support ongoing utility bill payments, offering a consistent, reliable solution for users. As digital payment platforms evolve, TRDO's blockchain foundation ensures that these payments remain secure and transparent, catering to a growing market of users who prioritise safety and efficiency in their financial transactions.



4. Mobile Recharges and Bill Payments:

As mobile services expand, the need for continuous recharges and bill payments has become a critical part of daily life in India and globally. TRDO supports these recurring transactions by offering a secure, blockchain-based alternative to traditional payment methods, reducing the risks associated with fraud and unauthorised access. This makes it an ideal choice for users looking for a dependable solution to manage their mobile and utility bills.

5. Crypto Payments:

Finally, TRDO's role in crypto payments represents a forward-looking expansion of its utility. As global acceptance of cryptocurrencies grows, the need for integrated payment solutions that support multiple cryptocurrencies has become essential. TRDO facilitates payments across various platforms, enabling users to transact in TRDO as well as other cryptocurrencies, thereby providing flexibility and security in a rapidly evolving digital economy. This use case aligns with the global trend towards a more inclusive financial system, where cryptocurrencies play an increasingly central role.



Blockchain Technology

Tronado's strategic decision to transition from the TRON Blockchain(TRC20) to the Polygon(Matic) blockchain was driven by the need to address critical issues such as high gas fees and to enhance the overall usability of the token. This move underscores the project's commitment to providing a more scalable, cost-effective, and user-friendly solution for its growing community.



TRON Blockchain (TRC20): A Foundation with Strengths and Challenges

TRON, established in 2017 by Justin Sun, is a blockchain platform known for its focus on building a decentralised internet. The TRC20 standard, much like Ethereum's ERC20, is used for issuing tokens on the TRON blockchain. TRON offers several advantages, including high throughput, scalability, and low transaction costs. The network's delegated proof-of-stake (DPoS) consensus mechanism allows for faster transaction processing compared to traditional proof-of-work (PoW) systems. Additionally, TRON's blockchain is capable of handling up to 2,000 transactions per second (TPS), which is significantly higher than Ethereum's 15 TPS.

However, despite these strengths, TRON has faced criticism for its centralisation. The network relies on 27 "Super Representatives" who are responsible for validating transactions and maintaining the network. This has led to concerns about the potential for centralisation and the undue influence of these representatives on the network's governance.

Another challenge associated with TRON is its relatively high gas fees during periods of network congestion. As the TRON network grew and more dApps and tokens were launched, these issues became more pronounced, impacting user experience and the cost-effectiveness of using TRC20 tokens like TRDO.

Transition to Polygon (Matic): Addressing Scalability and Cost

To address these challenges, Tronado transitioned to the Polygon blockchain, previously known as Matic. Polygon is a Layer 2 scaling solution for Ethereum that uses side chains to increase the throughput of transactions while maintaining the security and decentralisation of the main Ethereum network. This transition has significantly improved the usability of the TRDO token by reducing transaction costs and enhancing the scalability of the platform.

Polygon employs a modified version of the Plasma framework and a proof-of-stake (PoS) consensus mechanism, which allows it to process up to 65,000 transactions per second (TPS) with minimal fees. This is a substantial improvement over TRON's capabilities and provides TRDO users with a more efficient and cost-effective transaction process. Moreover, Polygon's interoperability with Ethereum means that TRDO can easily interact with a vast ecosystem of decentralised applications (dApps) and services, further expanding its utility.

Transparency in Blockchain: A Core Principle

One of the fundamental advantages of blockchain technology, and a key reason for Tronado's continued reliance on it, is the concept of transparency. Transparency in blockchain refers to the open and immutable nature of the ledger, where all transactions are recorded and can be viewed by anyone on the network. This transparency ensures that all participants in the ecosystem can verify transactions, track token movements, and ensure that there are no discrepancies or fraudulent activities.

In the context of Tronado's transition to Polygon, transparency plays a crucial role in maintaining the integrity of the token and its transactions. On the Polygon network, each transaction involving TRDO is recorded on the blockchain, creating a permanent and unalterable history. This allows users to verify their transactions independently and ensures that the entire process is fair and transparent. The decentralised nature of blockchain also means that there is no central authority that can alter or manipulate the transaction data, further enhancing trust in the system.

The Impact of Decentralisation and Security

Decentralisation, a core tenet of blockchain technology, is essential for ensuring that no single entity has control over the network. By decentralising the validation process across multiple nodes, Polygon ensures that the TRDO ecosystem remains secure and resistant to censorship or manipulation. This is a significant improvement over TRON's Super Representative model, which, while efficient, raised concerns about centralisation.

The security of the Polygon network is also reinforced by its consensus mechanism. By requiring multiple validators to agree on the state of the blockchain before transactions are confirmed, Polygon ensures that the network is resilient against attacks and fraudulent activities. This, combined with the transparency of the blockchain, creates a robust and trustworthy environment for TRDO users.



Future Roadmap for TRDO: Expanding Horizons

As Tronado (TRDO) continues to establish itself as a leading utility token, the future roadmap focuses on expanding its use cases into sectors that promise significant growth and societal impact. By integrating TRDO into e-commerce, international payments, and healthcare, the token aims to enhance its utility, providing users with a seamless, secure, and efficient payment experience across diverse platforms. This strategic expansion aligns with the broader goals of decentralised finance (DeFi), offering users greater financial autonomy and contributing to the evolution of the global digital economy.



1. E-Commerce Integration: A New Frontier

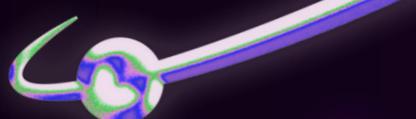
E-commerce has revolutionised the way consumers shop, and the global e-commerce market is projected to reach USD 5.55 trillion by 2024. As online shopping continues to grow, integrating TRDO as a payment option on major e-commerce platforms presents a significant opportunity to increase the token's utility and adoption.

The integration of TRDO into e-commerce platforms would offer several benefits. Firstly, it would enable users to make purchases with greater security and transparency, thanks to blockchain's immutable ledger system. Transactions made with TRDO would be recorded on the blockchain, providing both buyers and sellers with a verifiable record of the transaction. This reduces the risk of fraud and chargebacks, which are common issues in traditional e-commerce transactions.

Moreover, TRDO's integration with e-commerce platforms would facilitate faster and more cost-effective cross-border transactions. Traditional payment methods for international purchases often involve high fees and lengthy processing times. By using

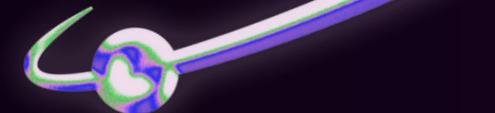
TRDO, these transactions can be completed in a matter of seconds with minimal fees, making it an attractive option for both merchants and consumers.

Additionally, as more e-commerce platforms begin to accept cryptocurrencies, TRDO's presence in this space would position it as a competitive alternative to other digital payment options. The ability to use TRDO for online shopping could drive its adoption among tech-savvy consumers who are already familiar with cryptocurrencies, further expanding its user base.



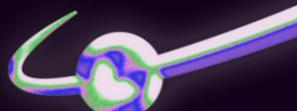
2. International Payments: Simplifying Cross-Border Transactions

One of the most promising use cases for TRDO is in facilitating international payments and remittances. The traditional system for cross-border transactions is often slow, expensive, and complex, involving multiple intermediaries and subject to fluctuating exchange rates. The global remittance market, valued at over USD 540 billion in 2020, is ripe for disruption by blockchain technology.



TRDO aims to simplify this process by leveraging the transparency, speed, and low costs associated with blockchain technology. By enabling users to send and receive payments in TRDO, the token eliminates the need for intermediaries, significantly reducing transaction fees and processing times. This is particularly beneficial for individuals and businesses in developing countries, where access to efficient and affordable financial services is often limited.

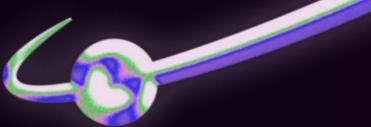
Furthermore, the integration of TRDO in international payments aligns with the broader trend of digital currencies being used for remittances. According to a report by the World Bank, the use of cryptocurrencies for remittances can reduce the cost of transactions by up to 50%, making it a viable alternative to traditional money transfer services. TRDO's use in this context not only provides a more efficient payment solution but also empowers users by giving them greater control over their funds.



3. Healthcare Payments: A Vision for the Future

Healthcare is another sector where TRDO can have a transformative impact. The global healthcare market is expected to reach USD 11.9 trillion by 2024, driven by an aging population and increasing healthcare costs. In this context, TRDO's integration into healthcare payments offers a unique opportunity to streamline the payment process for medical services and insurance.

One of the key challenges in the healthcare industry is the complexity of billing and payment systems. Patients often face long wait times for insurance reimbursements, while healthcare providers struggle with administrative burdens and delayed payments. By using TRDO, patients can pay for healthcare services directly, with transactions recorded on the blockchain for transparency and accountability. This reduces the time and costs associated with traditional payment methods and ensures that healthcare providers receive payments promptly.



Moreover, TRDO could be used to pay for health insurance premiums and settle claims. The use of smart contracts on the blockchain could automate the claims process, ensuring that payments are made automatically when certain conditions are met. This reduces the need for manual processing and minimises the risk of errors or fraud.

The integration of TRDO into healthcare payments also aligns with the growing trend of telemedicine and digital health services. As more patients and providers move to online platforms, the need for secure and efficient payment solutions becomes increasingly important. TRDO's blockchain-based system offers a secure and transparent way to manage payments for digital health services, providing users with confidence in the safety of their financial transactions.

TOKEN (TRDO)

CONTRACT ADDRESS

TRDO CONTRACT ADDRESS

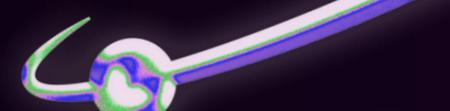
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DEX (SWAP)

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S no.	Future Road Map	Year	Quater
1	Community Building	2020	Q4
2	Token Distribution	2021	Q2
3	Exchange Listing	2021	Q3
4	Launch of Utility App Beta Version	2021	Q4
5	Token Updation	2021	Q4
6	Listing on Asian Exchange	2022	Q2
7	Utility App Product Delivery	2022	Q3
8	Token Based Gaming Platform	2022	Q3
9	E Commerce Application	2023	Q2
10	Cryp Uttility App Development Start	2023	Q3
11	Community Expansion Globally	2024	Q1

12	Updation on Polygon Chain	2024	Q2
13	Cryp Beta Version app on Indus Store	2024	Q3
14	Adoption of Token in Real estate	2025	Q1
15	Cryp Application Subscription on Token	2025	Q1
16	Rolling out franchise model cryp cafe	2025	Q2
17	Blockchain lottery	2025	Q3
18	Gadgets with Tornado Token	2026	Q1
19	Listing on 2 global Exchanges	2026	Q3

THANK YOU!