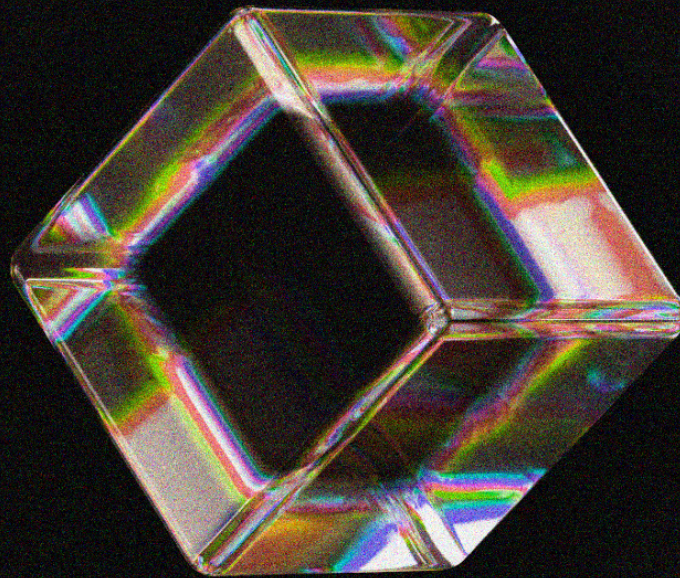


GP X

Whitepaper 2024



Assets Without Borders

A blockchain for digital transformation

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CHAPTER 00

Introduction



Introduction

In a rapidly changing market environment, digital transformation has now become an essential element in global business development, continuing to drive important societal changes. Blockchain technology, a key aspect of this digital transformation, is a particularly [innovative approach](#)¹². The Blockchain forms a transparent and trustworthy network by sharing transaction records of all users, secured by digital encryption technology.

GPEX is an innovative blockchain project that integrates real-world data and underutilized illiquid assets of limited usage into the digital economy. GPEX pursues various ventures centered on Asset Securitization Services (Asset Backed Tokens (ABT)). Our vision is to increase data transparency and trust through blockchain technology while dramatically improving the mobility and accessibility of all assets within the GPEX ecosystem. This way, adopters of the GPEX ecosystem effectively manage their illiquid assets free of time and space constraints. Early adopters create new value by merging various assets. In the future, GPEX aims to overcome the limitations of the traditional financial system and create new economic opportunities by realizing the complete digital transformation of assets and data.

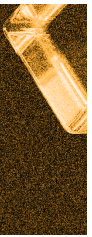
This whitepaper was created to provide a holistic understanding of the GPEX project and to share the long-term vision and potential of the project. In addition, GPEX seeks to demonstrate how it plays an innovative role in the field of digital transformation and the value and innovation it provides to customers.

¹ Blockchain...really? Or blockchain...really!

<https://www.ibm.com/thought-leadership/institute-business-value/en-us/report/blockchain-really>

² Benefits of blockchain

<https://www.ibm.com/topics/benefits-of-blockchain>



CHAPTER 01

Prospects and Challenges of Blockchain Technology in Digital Transformation

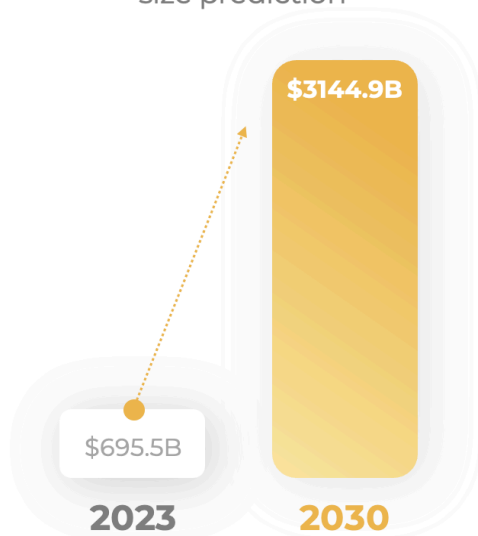
01

Prospects and Challenges of Blockchain Technology in Digital Transformation

What Is Digital Transformation?

Digital transformation is the process by which companies and industries leverage technology to transform their internal and external operations. This includes data management, customer experience optimization, and digitalization of products and services. In other words, receipts and tax invoices on your mobile phone³, personal product recommendations, and real-time delivery tracking are all digital transformations that are experienced in real life. Blockchain technology plays a key role in this digital transformation, proving its value in various industries by strengthening the security and transparency of data and improving the efficiency of asset transactions.

Digital transformation market size prediction



*Source: M&M, Digital transformation market by offering, technology, vertical & region – global forecast to 2030

According to market research⁴, the digital transformation market is expected to grow 24.1% annually to \$695.5 billion in 2023, and to \$3,144.9 billion by 2030. This trend has accelerated through the pandemic, and the digital transformation-related market is expected to expand further due to the growth of related technologies.

³ Why tax administrations are embracing digital transformation
<https://blogs.worldbank.org/voices/why-tax-administrations-are-embracing-digital-transformation>

⁴ M&M, Digital transformation market by offering, technology, vertical & region – global forecast to 2030
<https://www.marketsandmarkets.com/Market-Reports/digital-transformation-market-43010479.html#:~:text=%5B365%20Pages%20Report%5D%20The%20digital.24.1%25%20during%20the%20forecast%20period.>

What Is Asset Tokenization (ABT, Asset Backed Token)?

[The concept of asset tokenization](#)⁵ refers to the creation of digital tokens on the blockchain that represent digital or physical assets. These tokens represent ownership, and the blockchain ensures that no single authority can revoke or change ownership. Moreover, these tokenized digital assets play a crucial role in bridging the gap between the real and digital realms, thereby accelerating digital transformation.

For instance, in blockchain usage, assets can be tokenized to ensure proof of ownership and transparency. This increases the [mobility of assets](#)⁶. Therefore, it is applied to various areas such as premium memberships, art, intellectual property, and real estate, bringing more participants and liquidity to the market and providing more investment opportunities to market players.

These examples demonstrate not only how blockchain contributes to creating new business models and increasing efficiency in various fields, but also how they have the potential to bring revolutionary changes to the financial landscape.

The Problem

The importance of blockchain technology in facilitating digital transformation is undeniable, but its widespread adoption has been slow due to various factors. We aim to shed light on these issues and bring attention to the challenges that need to be overcome.

1. Real vs. digital economy disconnect

The rapid acceleration of the digital economy has precipitated a significant disconnect between the physical and digital realms. This burgeoning divide is primarily characterized by the exponential growth and dominance of the digital economy, while the traditional, real economy struggles to keep pace. The digital economy, with its virtual transactions and digitized assets, has transformed the way we conduct business, communicate, and even live our lives, but this transformation has not been without its challenges. The real economy, rooted in physical goods and services, is grappling with this swift shift, leading to a discernible imbalance. The need for a harmonious and symbiotic development between the traditional and digital economies is more pressing than ever and growing disconnect poses a significant challenge to the seamless integration and mutual growth of the real and digital economies.

⁵ Asset Tokenization: What It Is and How It Works <https://chain.link/education/asset-tokenization>

⁶ The Ultimate Guide for Asset Tokenization on Blockchain <https://www.solulab.com/blockchain-asset-tokenization-ultimate-guide/>

2. Technological complexity

Blockchain-based businesses are known to be highly technical in nature and this technical complexity makes them [difficult for the general public to understand and accept](#)⁷. These projects often carry technical barriers making them inaccessible to those without specialized knowledge, distancing the digital economy from everyday life. This limits universal adoption, slowing down the expansion of the digital economy and limiting growth potential.

3. Closed operating practices

Traditional systems are often opaque and lack external verification, making it difficult to gain users' trust. One example of this is the lottery system. These systems are for the most part opaque in their operations, and the draw process is conducted on its own without a public verification system. This can lead participants to rightly question the system's fairness. Moreover, because lotteries are controlled by a central management authority, participants often have no real control or transparency over the process. [This structure reduces the trust of participants and leaves room for questions about the openness and fairness of the system.](#)⁸

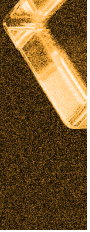
4. Barriers to investment

Real estate, expensive luxury goods, and premium memberships are often considered alternative investments. However, their high prices [limit their accessibility](#)⁹ to most investors. These assets typically require significant initial investments, and information is not easy to obtain. Therefore, alternative high-value investment products are generally limited to high-income individuals or investors with large capital. This makes it challenging for the general public to enter the investment market.

⁷Blockchain Adoption Challenges: Overcoming Barriers to Mainstream Integration
<https://switchchain.io/blockchain-adoption-challenges-overcoming-barriers-to-mainstream-integration/>
<https://switchchain.io/blockchain-adoption-challenges-overcoming-barriers-to-mainstream-integration/>

⁸ Prosecutors: Evidence indicates lottery vendor employee tampered with equipment
<https://www.desmoinesregister.com/story/news/2015/04/11/prosecutors-evidence-indicates-lottery-vendor-employee-tampered-equipment/25629733/>

⁹ Illiquid Assets: Overview, Risk and Examples
<https://www.investopedia.com/terms/i/illiquid.asp>



CHAPTER 02

Blockchain-Based Digital Transformation Driven by GPEX

02

Blockchain-Based Digital Transformation Driven by GPEX

GPEX is a game-changing blockchain project that is aimed at digital transformation by providing cutting-edge solutions that seek to address a variety of issues that arise with traditional service. Here are some of the approaches that GPEX is taking:

1. "Backed by Blockchain"

GPEX's "Backed by Blockchain" solution represents a forward-thinking application of blockchain technology. This solution integrates the essential features of blockchain, including performance, scalability, interoperability, security, and monitoring services. By analyzing unique business situations and asset characteristics, GPEX enhances competitiveness through tailored services.

BbB solution transcends limitations to specific ecosystems. It is accessible to trustworthy entities like government agencies or verified companies. Designed for ease of use, even for users with limited technical understanding, the solution ensures that a broader audience can readily experience the advantages of blockchain. GPEX provides a user-friendly and convenient blockchain service, opening new possibilities for businesses and individuals alike.

2. Asset Backed Tokens (ABTs)

At the heart of the GPEX lie Asset-Backed Tokens (ABT). All assets connected to the ecosystem come in many forms, sharing values guaranteed by service providers and regulated by local governments.

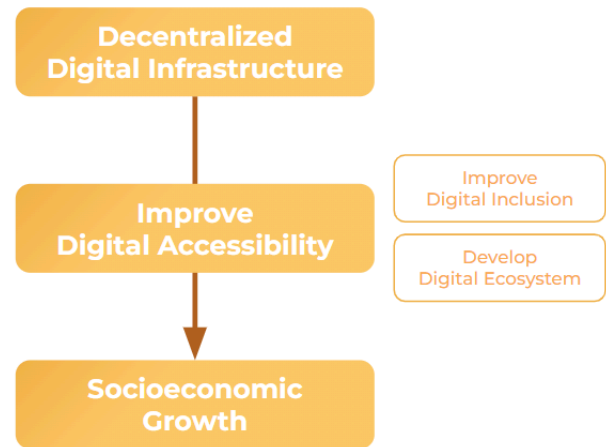
Leveraging our technical expertise, GPEX not only builds and supports the interoperability of services based on ABTs but also increases data integrity and transparency.

3. Grounds for Decentralized Digital Infrastructure

GPEX aims to provide essential technology for building decentralized on & off-ramp systems as part of digital transformation to address limited digital accessibility in underdeveloped countries. The system is designed to support foundational infrastructure that empowers more people in these countries to have easy access to advanced digital services such as e-commerce and online education beyond traditional offline services. This will also help bridge the gap between the physical and digital economies, connect real-world and digital commerce, and provide access to stable and affordable global digital services for the public.

In GPEX's envisioned digital infrastructure world, local stores like convenience stores and street vendors will play a crucial role in bridging the physical and digital economies, connecting real-world and digital commerce. Additionally, the infrastructure will help secure previously unmanaged financial/consumption data for policymaking and personalized service development by the government.

GPEX will support system hubs, manage service operations, and undertake all necessary tasks to maintain and enhance service quality, ensuring the functionality of a stable and reliable digital infrastructure that increases digital accessibility and inclusivity in the country.



Working with GPEX has following advantages;

1. Clean and secure process

Smart contracts facilitate automated contract execution by enforcing contractual terms automatically when certain conditions are met. Therefore, when blockchain technology is applied, administrative procedures and high volume document work can be virtually eliminated by smart contracts. Automating labor-intensive processes also preemptively prevents human errors, thereby [increasing management efficiency](#)¹⁰. In addition, complex transaction processes such as government office or bank verification can be simplified, hence significantly reducing overall costs and intermediary risks.

Moreover, all transactions resulting from the movement of tokenized assets are permanently recorded on the blockchain, ensuring that once logged, these records cannot be modified. Through this, the ownership of assets can be transparently disclosed, and reliable data-based reports are created and provided in real time within our system. This greatly increases business operational reliability and serves as the underlying technology for trust-based digital transformation.

2. Popularization of blockchain services

GPEX seeks to build a regulation-friendly and popular blockchain environment with “Popularization of blockchain services” as our motto. Unlike technologies limited to the cryptocurrency ecosystem, GPEX offers a solution that trusted entities like government agencies or verified companies can utilize. This makes blockchain services more accessible and convenient for their customers. Our approach has the advantage of facilitating rapid integration and establishing a sustainable and stable blockchain service environment, as there is less disparity with the existing system even when new technologies are applied.

¹⁰ HOW CAN SMART CONTRACTS HELP STREAMLINE BUSINESS ADMINISTRATIVE PROCESSES?
<https://www.cryptopolitan.com/smart-contracts-help-streamline-business/>

GPEX effectively digitalizes services like national lotteries issued by government agencies, which already have a broad user base, using blockchain technology. It is designed to allow general users, who have low or no technical understanding of blockchain, to easily enjoy the benefits of blockchain technology. GPEX focuses on digitalizing government-issued ticket-type welfare vouchers, financial assets stored in vaults, and national memberships, in cooperation with the government, to improve quality of living.

3. Higher accessibility and mobility

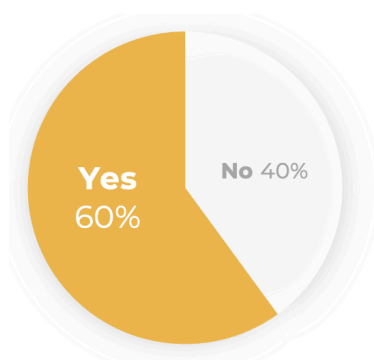
Tokenizing assets and enabling fractional sales can significantly lower the minimum investment amount for individuals. This allows individual investors to diversify their portfolios and access markets previously out of reach. As more individual investors enter the market, it becomes more active and liquidity increases. Furthermore, the tokenization system allows existing asset owners to engage with the market in various ways. They can opt to sell portions of their assets instead of the whole, thus maximizing asset utilization by converting less liquid assets into more liquid ones.

4. Twin Transition Initiative

[Twin Transition](#)¹¹, which simultaneously prioritizes sustainability and digital transformation, is considered a task many modern global companies are faced with. Over 60% of these companies have selected ESG factors as a digital initiative, indicating that sustainability [is emerging as a major criterion](#)¹² in management priorities, according to a survey conducted by Boston Consulting Group (BCG) among more than 850 companies worldwide.

Companies consider ESG factors a primary focus for selecting and prioritizing digital initiatives (850+ companies)

*Source : BCG The Five Digital Building Blocks of a Corporate Sustainability Agenda



Leveraging blockchain technology for digital transformation, GPEX effectively transitions the supply chain and life cycle of traditional industries online, enhancing management efficiency for companies. Additionally, it minimizes various pollution emissions during the production and movement of products, leading the way in environmental pollution prevention. GPEX promotes a paperless society by transitioning various traditionally paper-based certificates and tickets into digital certificates, and is contributing to innovatively enhancing the sustainability of various government-led projects.

¹¹ PA consulting, The Twin Transition 2.0
<https://www.paconsulting.com/global-shifts/sustainable-world/the-twin-transition-2>

¹² More Than 60% of Companies Prioritize ESG in Their Digital Transformations
<https://www.bcg.com/press/31march2022-more-than-60-of-companies-prioritize-esg-in-digital-transformations>



CHAPTER 03

GPEX Protocol

03

GPEX Protocol

THE DESIGN OF GPX

GPX is a cryptocurrency based on the ERC-20 tokens and used to support the GPEX ecosystem, allowing users to enjoy benefits and create a virtuous cycle that enhances the stability of the platform and user participation. It ensures mobility within the extensive network, across wallets, exchanges, lending, and other platforms. We cannot and do not claim that GPX tokens hold any inherent worth, but GPX tokens will play a central role across GPEX solutions and have a limited supply. All transactions operate according to the smart contract rules of the Ethereum blockchain, and these smart contracts help prevent human error in transactions and enable automated system operations.

Key benefits of using the EVM compatible token

- Trading is possible 24 hours a day and assets can be instantly transmitted in real time around the world, making trading easier and faster than before.
- EVM compatibility means simple, familiar smart contract patterns that are used by most developers. The nature of smart contracts allows the development of trustless protocols that include ABTs.
- Decentralization: operating on an open blockchain means that no single entity or group can control access to assets or control the entire market.
- The security of the Ethereum network, one of the largest global blockchain networks, is guaranteed.
- Publicly verifiable token supply, account balances, and on-chain activity are ensured.
- The Ethereum network is a network that is widely adopted by cryptocurrency stakeholders, including various decentralized and centralized exchanges, cryptocurrency asset institutions, institutional investors, and individual investors.
- Any market with an internet connection can be accessed.

GPX tokens can be acquired through the following methods.

- Purchase from an external virtual asset exchange where GPX tokens are listed
- Acquire through community events held by GPEX or partner companies
- Acquire through activities within the GPEX ecosystem

Features of the GPX token

GPX can be used in various ways within the ecosystem,

1. Benefit and Loyalty Programs

- User Engagement: earn tokens for transactions or engagement (participation and completion of tasks, achievement of specific milestones).
- Exclusive Rights: redeemable for discounts, exclusive access, or events.
- *VIP conditions will be announced later.

2. Community voting

- Facilitate ecosystem for projects, allowing participants to vote on projects or services.

3. Cross-Platform Integration

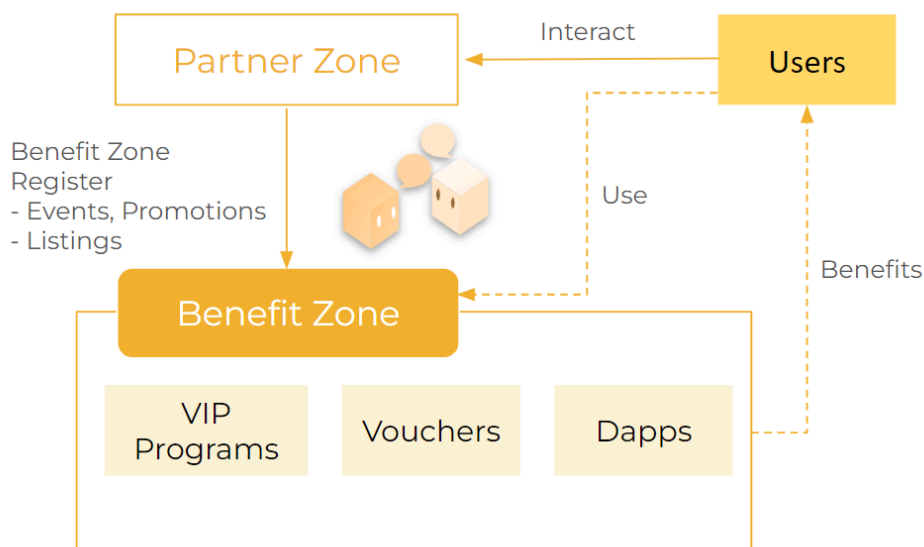
- Interaction: Integrate with other platforms, allowing GPX tokens as a core method for various applications, services.
- Dapps: Use in DeFi applications like staking, yield farming, or as collateral in lending platforms.

4. Tokenization of Services and Memberships

- Represent digital or physical services and memberships, allowing fractional ownership or usage rights.

5. Supply Chain Management

- For businesses integrated with the GPEX ecosystem, track and verify transactions within supply chains, enhancing transparency and efficiency.



GPX issuance

Currently, GPX is only available on Ethereum, but it may be released on other chains in the future. The Ethereum contract address is 0x3e7804c51a70ba26e904c2e0ab440c5623a8a83f.

Category	Details
Name	GPEX
Symbol	GPX
Token Type	ERC-20
Token Supply	1,000,000,000
Value	GPX only has potential value based on market demand and is not collateralized by any specific asset.
Characteristics	GPX does not represent the ownership and rights of GPEX's services and the company.

A total of 1 billion GPX tokens are in circulation and are distributed linearly to the market. GPEX can unlock, lock in, or burn an appropriate amount of GPX tokens to expand the ecosystem and improve the value of the token. Additionally, to prevent value loss due to excessive market supply, the distribution can be controlled for tokens to circulate only for allocated purposes and based on actual market demand.



CHAPTER 04

Disclaimers

04

Disclaimers

Important Notice: Please read the following sections carefully.

This whitepaper has been issued by GPEX Inc. (henceforth “Project”). No part of this whitepaper is to be reproduced, distributed, disseminated, or otherwise transmitted.

General Disclaimer

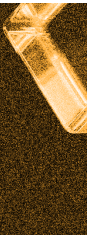
This whitepaper is a work in progress and will be updated with more details. More details about the Project and token usage may be added in a series of updates which will be announced on the Project’s official website, gplex.io (“Website”). Please be cautious of other phishing sites and similar sites. If you are in doubt as to the action you should take, please consult your financial, legal, tax, technical, or other professional advisors.

Legal Disclaimer

This whitepaper and the information contained herein should be regarded as an informative document describing the technical and business aspects of the Project. This whitepaper is not binding and the Project shall not be responsible for any loss arising from the use, reference, or basing of information from this whitepaper. This whitepaper is prepared based on the current views and plans of the Project. Certain statements, estimates, and financial information contained in this whitepaper can be regarded as forward-looking statements. Such forward-looking statements or information involve known and unknown risks and uncertainties, which may cause actual events or results to differ materially from the estimates or the results implied or expressed in such forward-looking statements. The Project reserves the sole and absolute discretion to revise this whitepaper by posting the updated whitepaper on the Website. Such updated whitepaper will become effective immediately from the time of posting. The sole purpose of this whitepaper is to provide the recipient with preliminary information on the Project.

All statements of opinion and all projections, forecasts, or statements relating to expectations regarding future events or the possible future performance represent the Project's own assessment and interpretation of information available to it currently.

None of the information in this whitepaper has been filed with, reviewed by, or approved by any regulatory authority. This whitepaper does not constitute a prospectus or offer document of any sort. This whitepaper is not intended as an offer or solicitation for investment in capital market products, securities, or any other financial instruments in any jurisdiction. It does not constitute an offer to sell or a request to buy the tokens in jurisdictions where such activities are not authorized or to individuals for whom it is unlawful.



CHAPTER 05

Risks

05

Risks

Adherence to All Legal and Regulatory Standards

The purchase of any token involves a high degree of risk, including but not limited to the risks described below. Before purchasing GPEX Inc. (henceforth “Project”) Token “GPX”, it is recommended that each participant carefully weigh all the information and risks detailed in this whitepaper, and, specifically, the following risk factors.

Dependence on Computer Infrastructure

The Project’s dependence on functioning software applications, computer hardware and the Internet implies that the Project can offer no assurances that a system failure would not adversely affect the use of one’s Project Tokens. Despite the Project’s implementation of all of our expert and reasonable network security measures, our processing center servers are to some measure still vulnerable to computer viruses, physical or electronic break-ins, or other disruptions of a similar nature. Computer viruses, break-ins, or other disruptions caused by third parties may result in interruption, delay or suspension of services, which would limit the use of Project Tokens.

Inadequate disclosure of information

As of the current date, GPEX is still in development, with its design, codes, and technical details subject to frequent updates and changes. Although this whitepaper contains the most current information relating to the GPEX Platform, it is incomplete and subject to adjustments and updates by the GPEX team. The team is not required or able to keep GPX holders fully informed on every project detail, including development progress and milestones, leading to inevitable and reasonable limitations in information disclosure.

Smart Contract Limitations

Smart contract technology is still in its early stages of development, and its application is of experimental nature. This may carry significant operational, technological, regulatory, reputational, and financial risks.

Regulatory Risks

Blockchain technology, including but not limited to the issue of tokens, may be a novel concept in some jurisdictions, leading to the application of current or new regulations regarding blockchain technology-based applications. These regulations may conflict with the current Project Token Smart Contract setup and Project Token concept. This may cause major changes in the Project Token Smart Contract, including but not limited to its termination and the suspension or termination of all Project Token functions.

Taxes

Token holders may be required to pay taxes associated with transactions involving Project Tokens. It is the sole responsibility of the token holder to comply with the tax laws of the relevant jurisdiction and pay all required taxes.



CHAPTER 06

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06

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