





# White Paper

**April 10, 2024**

This whitepaper and all the information contained within may be subject to periodic change.



This document includes a series of forward-looking statements that reflect future events, future developments, and/or future financial performance. These forward-looking statements can sometimes be recognized by the use of words such as “anticipate,” “believe,” “estimate,” “expect,” “intend” and similar expressions. Such statements are subject to known and unknown risks, uncertainties, and other factors, including macro-economic shifts (e.g., changes in the crypto market in general) and micro-economic events (e.g., failure to execute contracts with specific exchanges, digital security threats, etc.). These forward-looking statements are based on the beliefs of The Forever Association’s management as well as assumptions made by and information currently available to The Forever Association’s management. These forward-looking statements are only predictions. Should one or more of these micro or macro risks or uncertainties materialize, or should underlying assumptions prove incorrect, including changes in regulatory policies, changes in laws, or discovery of previously unknown legal requirements, actual results may vary materially. While The Forever Association believes that the expectations reflected in its forward-looking statements are reasonable, The Forever Association cannot guarantee future results, levels of activity, performance, achievements, timing of milestones, or guarantee the ability to trade on an exchange. Moreover, neither The Forever Association nor any other person assumes any responsibility for the accuracy or completeness of these statements or undertakes any obligation to revise these forward-looking statements to reflect events or circumstances after the date this document was distributed or to reflect the occurrence of unanticipated events. Readers are cautioned not to place undue reliance on forward-looking statements. The DevvE Tokens do not confer or represent any right of any form, including but not limited to any equity or ownership, voting, distribution, redemption, liquidation, intellectual property, participation, or any other legal right towards the Forever Association or any other legal entity or natural person or the DevvX blockchain or any other project. The DevvE Tokens are not any kind of loan to the Forever Association or to any other legal entity or natural person.



In this whitepaper we'll outline the initiatives that we, The Forever Association, and our ecosystem partners are pioneering. It is however important to note that this whitepaper is intended to serve as an overview of the ecosystem and showcase key function and utility and should not be taken as a business plan or strategy document. The Forever Association will continue to protect our competitive advantages in order to leverage and drive value for all stakeholders in the DevvE ecosystem. We'll also be covering a technical understanding of our blockchain technology built by our partners at Devvio and how interested parties can become involved.

# Table Of Contents

Introduction

DevvE Primer

DevvE for ESG Impact

- The Forevver Association
- The EverGreen Investment Fund + (FlyWheel)
- Ecosystem Partner Highlight: TS Nano (Contact TS Nano)

DevvE for Exchange: DevvExchange

DevvE for Innovation: The DevvE Grant Program

DevvE for Opportunity : The DevvE Launchpad

- Ecosystem Partner Highlight: FIAS

DevvE for All:

- DevvE S2

DevvE supporting tools

- Glassblock
- Wallet
- Sellers Portal

The DevvE Token

- Technical Overview
- Utility Tokenomics / Staking
- Release Tokenomics
- Allocations,Vesting Portal
- Exchanges

Blockchain Technical Overview

The Team

Risks

# Introduction

Where the internet created a disruptive platform for the real-time transfer of data, blockchain technology emerged as a transformative platform to enable the real-time transfer of value. This paradigm shift in financial technology represents a disruptive leap in opportunities across a broad spectrum of industry applications with prospective towards new and innovative business capabilities, driving efficiency and broadening the scope of existing products and services available in the market today. The imperative to enable the real time transfer of tangible value ownership, requires a platform with easily accessible, transparent and provable mechanisms which renders the matter of trust and security in the system explicit for all participants at global scale.

Blockchain technology represents a culmination of established technologies orchestrated together to architect this trust layer, often referred to as "web3" or "the value web." Essentially, blockchains achieve this by establishing a decentralized network of independent validators who work collectively validate transactional data which can be openly audited by any 3rd party to ensure transparency and provenance of any associated transfer of data-backed value representation, whether its a dollar backed stablecoin, private medical record, personal identity, or the specific source of a carbon offset.

As we live and transact in an increasingly digital world, the demand for the next generation of online applications to operate with implicit trust, co-operation and clarity without compromising on user experience and risk is going to become table-stakes for future products and services. This also extends to the past to establish complete confidence in legacy systems and institutions - even combating misinformation. Privacy in such a system is a critical aspect to both businesses and

individuals which are often contrary to regulatory goals, so a balance must be found where governments can assure transactions are not being used for illegal activities, but where users have a fair and appropriate level of privacy.

However, most previous iterations of this technology that were born out of idealism forgot one major thing along the way - the world's entire existing digital infrastructure which operates across a diverse range of regulatory landscapes and standardized industry tooling. Until recently, there was yet to be a single inclusive solution that could scale to meet the inelastic requirements of all the potential stakeholders within a vast and flexible ecosystem dynamic. Similarly, no prior blockchain had the energy efficiency, cost, throughput and ease of integration tools to effortlessly port the world's value from traditional databases and to bring exciting new business applications into the trustful world of web3 in a way that was accessible to every single web developer.

# Introducing the DevvE Ecosystem

The DevvE ecosystem is the first blockchain ecosystem in history that doesn't need to compromise for the demands of the modern world. Built upon the DevvX blockchain and powered exclusively by the DevvE token (the only L1 token to have been covered under France's AMF ICO Visa prior to launch), the DevvE ecosystem is not just a whitepaper concept, but a business-ready platform that's primed to enable governments, global enterprise, blockchain developers or any web developer who are ready to realize the true potential of web3 within their own applications and use cases.

The DevvE ecosystem is feature packed and turn-key ready, boasting over 8 million TPS with sub-second finality, simple RESTful API integration, ISO green compliant at 1/3 billionth the energy usage of Bitcoin, 1/10 millionth the cost of Ethereum, patented solution for privacy, fraud, theft and loss and the tick of approval from regulators.

In the wake of our successful token launch, the Forever Association recognises the need for trust and transparency regarding all things DevvE. We are in a unique position in the blockchain industry with a very strong technological advantage that's capable of driving value creation in a whole new way that showcases the power of the DevvE ecosystem for business enablement in a way that is perfect for existing global 2000 enterprise and government participation.

We've recently updated our whitepaper in a way that makes learning and the wider discovery of DevvE, more easily digested. But first, we want to take a moment to communicate an important note to you, the reader of this whitepaper and all of our supporters.

While we wish we could tell you exactly what will happen and is happening behind the scenes on our end, the reality is that when disruptive technologies are being employed in real world applications by companies who are accountable to shareholders, these kinds of partners are extremely protective of their competitive advantages. This protectiveness generally extends until it's too late for competitors to take action or disrupt. So please understand in some cases, we will not be able to communicate about joint endeavors until they are well into open deployment.

DevvE doesn't intend to build our brand or business reputation through partnership announcements or PR stunts. We know exactly what our technology is capable of and we know what it can do. In the spirit of supporting wider adoption, education and market opportunities, we're very excited to open the door to start ups, web developers, visionary founders and innovators regardless of blockchain experience, to submit a proposal and come try it for themselves via our DevvE innovation Grant Shard. We're confident that we have the most advanced and easy to use web3 platform that's capable of empowering all developers to build the next generation of web applications incorporating all the past promises of blockchain technology - and substantially more!

# DevvE Primer

The DevvX blockchain is layer 1 protocol developed by our ecosystem partner Devvio, who will be responsible for future development and maintenance of the underlying software protocol and the associated tooling which is a foundational aspect to the development of the DevvE ecosystem. The DevvE token, launched and managed by the Forever Association, is the exclusive platform token and the lifeblood for enabling the utility functions the ecosystem is capable of providing to the next generation of web3 technology.

DevvX is an ISO-compliant green blockchain consuming just 2.1 joules of energy per transaction with next to zero in gas fees, and will be used by the Forever Association to manage all assets (value) and its associated data within the DevvE ecosystem. Another way to view this would be to consider the DevvE ecosystem as an overarching application zone that enables developers to inherit the features and functionality of DevvX and through the utility application of DevvE within their own product design.

Benchmarked at over 8 million transactions per second, with sub-second finality, the DevvX is a unique layer 1 that is composed of multiple T2 “shards”, or independent blockchains. These shards communicate and perform global transaction ordering through a single “T1 cross-shard mechanism”, while simultaneously performing their own local consensus operations. We call this novel consensus mechanism Proof of Validation (PoV). Importantly, any node in the network, on any shard, who is proposing a valid block from their local consensus round will also be called upon by the cross-shard mechanism to also validate the authenticity of cross-shard transactions contained within that block for global ordering.

**Therefore we assert that 8 million TPS is the operational throughput of a fully decentralized set of independent nodes across the entire network.**

This novel sharding architecture allows for the proliferation of custom governance models for each shard that can be individually tailored towards any business application, in any industry, for any regulatory & compliance standard, per the unique requirement of the applications developer. Sharding also allows for horizontal scaling for inter-shard transaction throughput where the bulk of blockchain transactions are likely to occur - much like how compute capacity can be scaled as the demand for an application increases (to a “theoretically” number).



## DevvE Primer - continued

DevvX's patented design was built to address the biggest challenges in the blockchain space, such as interoperability, cost, scalability, fraud/theft/loss, and privacy, among others. One of its greatest strengths lies in its accessibility with web2 systems, empowering 10's of millions of web developers and enterprise tech teams worldwide to seamlessly integrate with the DevvE ecosystem. Leveraging industry-standard RESTful APIs, deploying smart contracts within the ecosystem becomes as straightforward as plugging into any existing database or network infrastructure.

With the DevvE token at the heart of enabling network utility operations, the Forever Association strategically designed a compelling token release mechanism where the primary mechanism of any increase to the circulating supply of DevvE will be a long term investment in DevvE and in most cases staked for 2-10 years with a focus toward, but not limited to, large institutions and ESG investment funds. This institutional level of token investment, which remains locked, will become an immediate value driver for TVL (Total Value Locked) in the network in the form of high quality impact assets. Therefore any developer, regardless of their industry or application who are building within the ecosystem and driving their products with the utility of DevvE are inadvertently incentivising real world environmental and social impact through the Forever Association - hence the name Devv(E)





## DevvE for ESG Impact

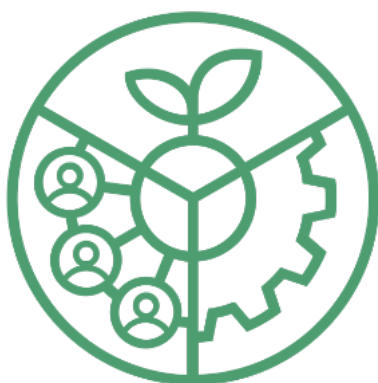
One of the biggest challenges facing the ESG (Environmental, Social, Governance) industry comes from how data is managed for both environmental and societal issues. There is a lack of transparency and trust in tracking environmental assets such as carbon credits and other environmental and social assets. The intangible nature of ESG assets makes them difficult to identify, measure, and track with accuracy, leaving stakeholders vulnerable to falsified records and greenwashing. There are third party providers attempting to serve as gatekeepers to track and verify ESG assets (e.g., carbon credits and other similar environmental and social credits), but with a lack of the needed transparency in the space.

The DevvE ecosystem creates new revenue opportunities within capital formation across the ESG impact asset industry, while simultaneously solving the aforementioned problems for the current market participants who are growing increasingly aware of these issues. The trust facilitated in the DevvE ecosystem makes it a prime candidate to unlock the \$30+ trillion demand for ESG investment through establishing a trusted marketplace and single source of truth for global ESG data.

DevvX shards are capable of recording data and ownership information for ESG assets to maintain a database of information regarding how and when each asset was created, provenance of data underlying ESG assets, who has held it and currently holds it, and other information that market participants view as necessary to the authenticity, transparency, and attractiveness of the ESG asset. Entities which contribute to the creation and transparency of ESG data and impact will run DevvX Verification Nodes whereby each shard's blockchain data will be continuously duplicated in full.

The DevvE ecosystem will allow, for the first time, verified ESG data and assets to be tracked at scale with the regulatory compliance, transparency, and auditability needed to effectively implement global environmental and social blockchain solutions.

*"If we can make it profitable for businesses to do good, businesses will do good." - Ray Quintana*



# The Forevver Association

The Forevver Association stands as the cornerstone of the DevvE ecosystem's governance and operational framework. Established as a non-profit entity, it operates under Swiss jurisdiction, renowned for its progressive stance towards cryptocurrencies and blockchain technology. At its helm is Chairman and President Ray Quintana, a visionary leader guiding the association towards its objectives.

The association's primary objective is to catalyze the development of innovative, transparent, and decentralized technologies across industries, while pursuing personal endeavors in the realm of Environmental, Social, and Governance (ESG) initiatives. It is empowered to engage in a wide array of commercial and non-commercial activities that align with this mission, including investments in ESG projects and the management of real estate and intellectual property rights.

Under a comprehensive license agreement, the Forevver Association holds exclusive rights to issue DevvE, the cryptocurrency built upon Devvio's cutting-edge DevvX platform. This grants the association unparalleled access to the technological innovations and advancements underpinning the DevvX Blockchain and ensuring the integrity and security of the DevvE ecosystem.

The DevvE ecosystem's journey is intertwined with Devvio, a pioneering blockchain technology company. The Forevver Association and Devvio have established a robust business partnership encompassing a license agreement for Devvio's groundbreaking technology and a collaborative effort in managing cryptocurrencies with the DevvE token being the sole token for the DevvX Blockchain and Ecosystem. This partnership signifies a synergy of expertise and resources, propelling DevvE towards its mission of revolutionizing the cryptocurrency landscape while adhering to regulatory compliance and ethical standards.

With its strategic vision, ethical framework, and robust partnerships, the Forevver Association stands as a beacon of trust and innovation within the cryptocurrency sphere. Through its stewardship, DevvE not only promises financial empowerment but also champions the values of transparency, decentralization, and social responsibility.

# The EverGreen Investment Fund

The EverGreen Investment Fund:

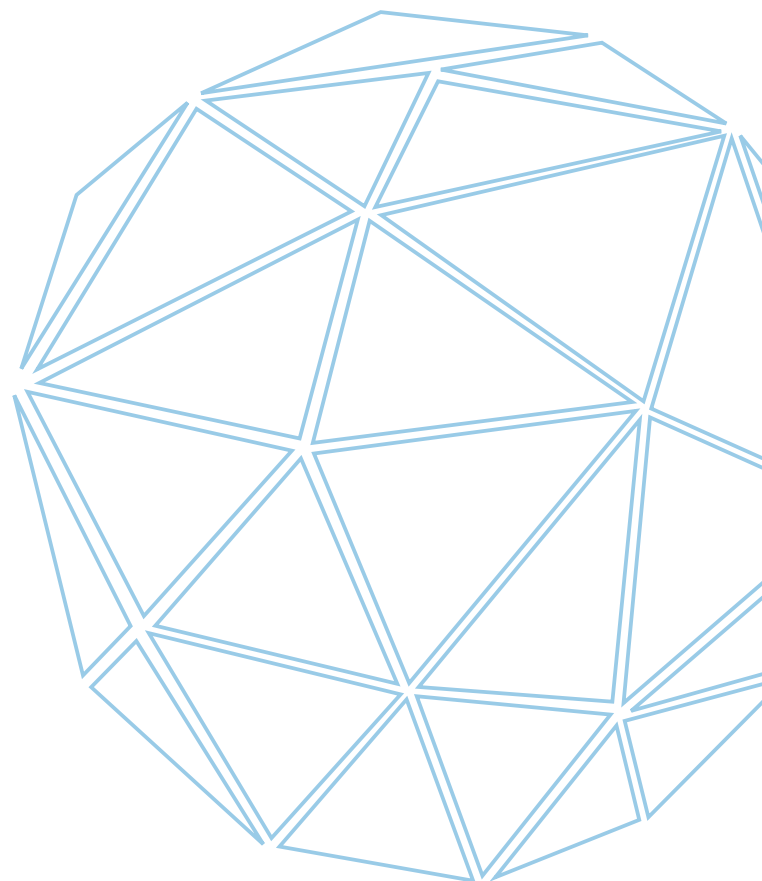
As the exclusive issuer and distributor of DevvE tokens, the Forevver Association has implemented a strategic mechanism aimed at advancing its organizational objectives, namely, the establishment of the Evergreen Investment Fund.

Primary investors for sales of new issuances of DevvE will consist of, but not be limited to, governments, global enterprise and ESG investment fund managers. When a purchase is made from the Association, proceeds in excess of operating costs will be considered as capital contributions to the EverGreen Fund, where contributions will be managed by professional fund managers for the purpose of making profitable investments around the world in green projects that provide a positive return on investment from the generation carbon credits or other ESG assets that can be tracked, verified and monetized in the DevvE ecosystem.

DevvE token holders will have the option to stake their DevvE in order to get access to purchase ESG assets such as carbon credits, plastics tokens, or social tokens generated by the EverGreen fund. This means that large scale investments by ESG minded institutions and venture capital firms will drive value (TVL) into the network long before token purchases ever reach circulating supply. We envision an ideal investor for long term a DevvE lockup would be half of the global 2000 looking to leverage the resulting assets to undoubtedly verify their achievement of sworn 2030 SDGs.

It is expected that the Forevver Association will be the sole investor in the fund and the fund will continually invest and reinvest in

green projects in perpetuity, similar to an endowment, and have an “evergreen” structure (meaning no planned liquidation date). All future profits generated by the fund will be reinvested to support further ESG initiatives, including, but not limited to endeavors focused on carbon sequestration, ocean plastic remediation, and broader societal improvements. The fund's objective is clear: to safeguard the environment and promote social impact indefinitely. The overarching vision aims to significantly contribute to global betterment while fostering the compounding growth of an expanding DevvE Ecosystem, thereby amplifying the adoption and significance of DevvE Tokens and TVL in the DevvE ecosystem.



# The Forevver Flywheel



Driving value in the DevvE ecosystem though sustainable investment



## Ecosystem Partner Highlights - TS Nano

### Ecosystem Partner Highlight: TS Nano

The Forever Association's initial impact investment in TS Nano is a prominent demonstration of the transformative capacity inherent within the DevvE ecosystem, illustrating its ability to significantly broaden the horizons of established business pathways.

TS Nano pioneered and developed a patented nano-polymer sealant renowned for its exceptional efficiency in sealing nano fissures - minute gaps marginally larger than a single atom, commonly found in materials such as concrete. This renders their sealant highly proficient in mitigating leakage from abandoned oil and gas wells, which are significant contributors to global methane emissions (estimated at around 280,000 million tonnes per year in the US alone). Methane exerts around 86 times the environmental impact (per tonne) when compared with carbon, which indicates the creation of measurable and verifiable methane reductions as a highly lucrative endeavor when compared to the price of a carbon offset.

With investment and collaboration with the Forever Association, TS Nano has successfully evolved its business model beyond the production and distribution of its technologies, to assume the role of a primary contractor for well-sealing operations.

Because of this, TS Nano can now establish a sustained stream of high quality methane offsets that are extendable over years and monetizable within the DevvE marketplace infrastructure, immediately broadening the scalability of their existing business model.

An additional advantage in the proliferation of this business model is its widespread acceptance throughout the value chain. Oil and Gas companies, facing pressure from environmental activists, can prove tangible efforts toward their environmental stewardship. Meanwhile, TS Nano possesses a highly replicable approach to future expansion, thereby contributing increased value for environmental assets within the DevvE ecosystem, and ultimately affecting real-world impact equivalent on the order of 16 million barrels of crude oil consumption annually should it proliferate throughout the US.

Devve's ethos of making altruism profitable ensures that enterprises are incentivized to engage in socially responsible endeavors, thereby fostering a virtuous cycle of positive impact.

"It's flexible, it's Interoperable and it works" - TS Nano on DevvX

# The DevvExchange

Where the ESG vertical in the DevvE ecosystem will drive longer term environmental impact and revenue streams, we are also focusing large efforts toward driving innovative products in financial technology in the world today. One of the biggest business opportunities in the entire blockchain space, arguably the biggest, is crypto exchanges. Crypto exchanges drive much of the direction and growth in the entire crypto industry, but they have also been rife with fraud and manipulation such as in the well documented case of FTX.

Out of consideration for the partnered entities and all stakeholders in the DevvE community who have a vested interest in using DevvE technology for asset exchange, we've decided to put communications about the specific properties of the DevvExchange into stealth mode until release.

What we have to offer some of the largest financial players in terms of a massive competitive advantage has the potential to change the foundations of both the crypto and tradfi industries. We have the exclusive global patents on both the regulatory and scalability fronts and are working with at a high level institutions from the traditional finance sector who will best be able to deliver on this vision. Even with this IP protection - we are not going to open any doors for potential competition by identifying what characterizes our advantage, to serve as a roadmap for attempted emulation.

We characterize the DevvExchange as a T1 "Platinum level" Exchange that is quickly going to be recognised as the new industry standard. We have a goal in mind that we hope to achieve soon about how we can convey the magnitude of this opportunity to our community, without identifying the exact nuts and bolts. This is the fine line we must walk at the frontline of disruptive technology and a very exciting journey to be a part of.

The opportunities for DevvE holders to realize the overwhelming utility of the DevvE Token within this infrastructure are exponential.

## DevvE for Innovation: The DevvE Innovation Grant Shard

At The Forevver Association, we recognize the importance of fostering development and creativity and understand the potential role we can play to extend the reach of our platform to those who will be able to leverage it best and grow our ecosystem to its full potential. That's why we are excited to announce the launch of the DevvE Innovation Grant Shard, aimed at empowering developers and entrepreneurs to build groundbreaking business solutions in the DevvE ecosystem.

The Forevver Association is committing an initial \$1 million to support developers to launch their applications on our Innovation Shard which will also provide access to all of the benefits the DevvE ecosystem provides. Funding opportunities will be made available either via our network of VC's, access to our LaunchPad or potential direct investment.

A large part of our technical advantage is the ability for any of the 27+ million global web developers to feel confident in their ability to build a web3 application without any additional experience required. If you have vision, you can execute on it.

Though the launch of this endeavor, we aim to:

- **Encourage Development and Innovation:** By removing barriers and providing resources, we'll make it accessible for developers to explore new ideas and push the boundaries of what is possible within the cryptocurrency space.
- **Support Scalability, Security, and Usability:** As critical aspects of blockchain technology, we seek to support projects that address these challenges and contribute to making blockchain applications highly accessible and efficient for users worldwide.
- **Provide Dedicated Support:** We offer additional support from the DevvE tech team. This hands-on guidance ensures that grant recipients have the resources and expertise they need to bring their ideas to fruition.

The application process for the DevvE Grant Program is straightforward. Interested project teams can submit their proposals through an online application portal (<http://devve.io/digs>). We require a general elevator pitch about the project, but to have the best chance of success, the project should focus on the objectives and how blockchain technology can solve a problem to meet that objective.

Upon receiving applications, the Forevver team will perform a dedicated review of all applications received. Ultimately, we select projects that demonstrate the highest potential for success and positive impact on the ecosystem.



## DevvE for Opportunity: The DevvE LaunchPad

The DevvE launchpad represents the convergence of innovative project developers, with our engaged DevvE community, who'll be able to gain ground floor access for early stage token launches that can potentially leverage our powerful blockchain ecosystem and launchpad services.

The DevvE launchpad is not an exclusive DevvE ecosystem launchpad - we will make our services open to incubating all types of projects across the cryptocurrency ecosystem, and from multiple blockchains. Our main compelling differentiator is the incubation and launch services we can provide through The Forever Association's legal framework. With a team of highly skilled venture capitalists and industry experts, we will offer the best opportunities for crypto founders to execute on their visions to build high quality and compliant applications, long after launch.

There will be many situations where the DevvE ecosystem itself will be the most compelling option for a project to work within as they look towards commercialization, and we expect this to be an additional driver towards building the ecosystem. Again however, we are not exclusive and will work with all projects who have specific requirements with other blockchains. We envision that tokens coming through our launchpad processes can additionally be presented with a pathway towards listing on the DevvExchange and gain the notoriety we believe such a listing will provide. We will also provide listing services across multiple exchanges to give launching projects and businesses the best chance of success.

- Forever have made the decision to focus on Ethereum and EVM compatible chains for the initial stages of the LaunchPad. The obvious benefits are frictionless listings on current exchanges as well as simple wallet and distribution options. In the future we will obviously open up native token listings which will be supported by our infrastructure and exchange.

The DevvE token is essential to platform functions as the core to our launchpad operations and the launchpad will be the home of DevvE staking. Since DevvE isn't a proof of Stake cryptocurrency, users will be initially staking to gain a tier membership access to the pre-sale and public sale platform and in that process, unlock access to an additional rewards system. Our staking rewards will provide yield to stakers by calculating the total number of tokens staked and will reward that users APY in native launchpad tokens.

Staking Promotions are not just a passive reward for DevvE holders, but also a way for newly launched projects to engage in promotional activities to foster their newly found community straight out of the box after launch as part of our launchpad services. Some projects may decide to give additional rewards through active promotions such as social media quests, engagement prizes, quizzes etc. The DevvE launchpad will retain a % of the token supply from upcoming launches to enable this feature.

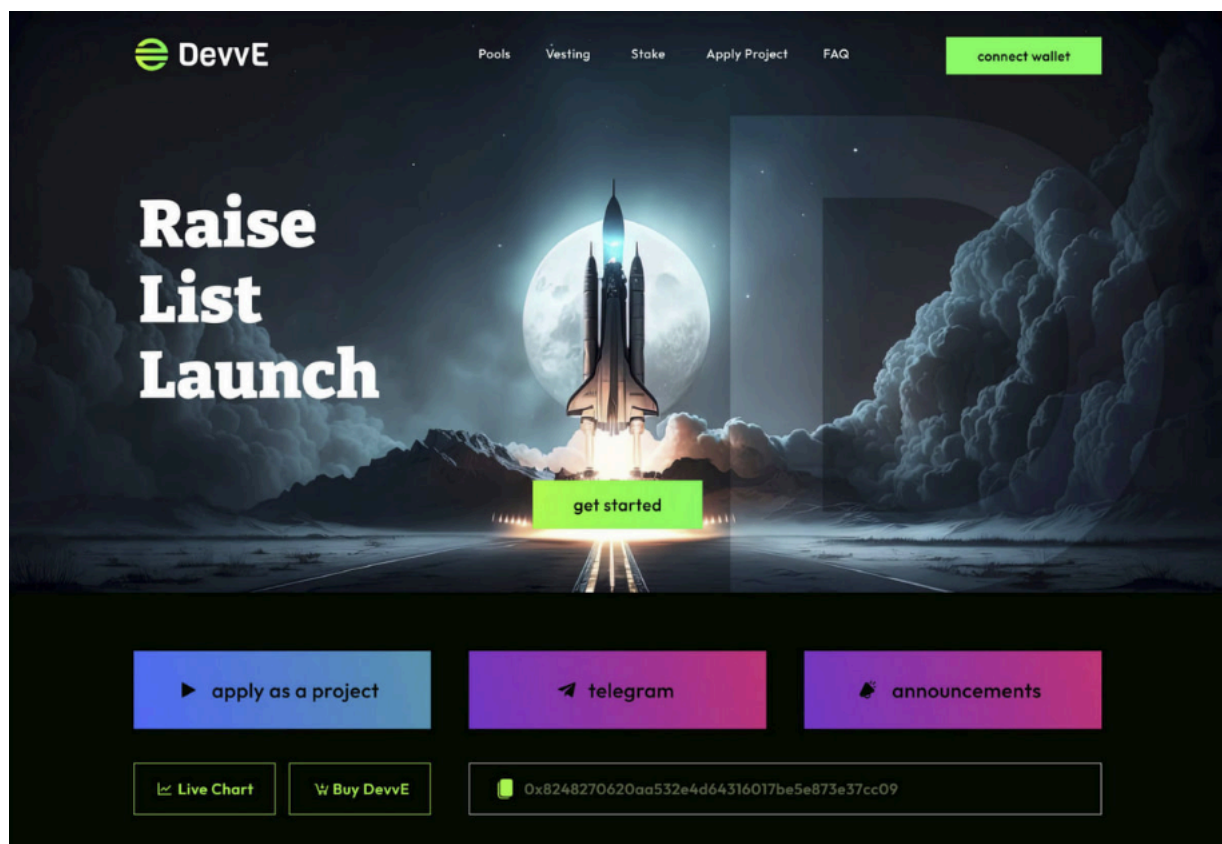


## DevvE for Opportunity: The DevvE LaunchPad -continued

But that's not all! We're also extending, but not limiting, staking promotions to include passive airdrops of all token offerings from projects launched directly on the DevvExchange as well! We're confident that with the quality and backing we have with our upcoming T1 exchange, we will have a significant draw in the cryptocurrency community. This has the potential to be a great opportunity for all DevvE stakers.

In the future, we will also build a launchpad Governance Council. This committee, composed of DevvE team members and Genesis NFT holders will be responsible for conducting due diligence and voting on projects that the community would like to have launched on our platform.

All users will need to complete KYC to comply with Crypto Asset Service Provider laws that are described in MiCA regulations.



## Ecosystem Partner Highlight: LitCraft (FIAS)

The first token to launch on the DevvE Launchpad will be FIAS.

Fias will serve as the cryptocurrency for the LitCraft DFE (Digital Financial Ecosystem), also referred to as the LitCraft Metaverse. The first title in the LitCraft Metaverse is "LitCraft: Nysperience" - a collection of classic casual games of over 20 game modes. The overarching concept in Nysperience is that players can play with their favorite casual games - but with one extra twist: rather than play to complete, compete or score, players will engage to create and own digital items of "gamer economic value".

These digital items, which are created in all the casual game modes, can be used in a "virtual business" game layer where items become akin to goods or services that emulate the fundamentals of a real world business. The design is so that all players who are creating these items (representations of goods and services) become participants in a digital supply chain. Players who create these items, such as a miner who takes iron ore out of the ground, can sell it, and the business operators who need suppliers, can buy these items to turn them into larger and more valuable items.

Not only will Fias be the cryptocurrency with token utility in Nysperience, it's the economic centerpiece for all the games and activities surrounding the LitCraft Metaverse. The innovations in blockchain technology have allowed game developers to take their previously isolated game economies and open them to collaboration, not just with other game developers, but with the communities themselves. By redesigning games where monetization empowers players to build real world economic value, all participants in that game (including the developers) become mutually aligned stakeholders. Everyone is now incentivized to work together to build better games and communities to give gamers what they want and greater revenue opportunities for the creative developers who execute on this.

## The DevvE token: DevvE for All!

DevvX S2 is a joint business venture between Devvio and The Forevver Associated with the goal to productize the accessibility of DevvE ecosystem shards to businesses. While this is still in its initial stages, the business model is similar to Amazon Web Services for running cloud applications.

For developers who are looking to deploy in the DevvE ecosystem, you can buy or rent a shard, or fractional ownership of a shard that fits with your applications requirements. This is an open avenue for all developers with all forms of applications to join the network.

## DevvE Supporting Tools

In addition to the previously mentioned tools that are available for developers to launch in the DevvE ecosystem, there are also some out of the box extras that make the DevvE ecosystem a full suite of applications solutions that can be used.

### Glassblock NFT Marketplace

GlassBlock is a cutting-edge digital asset marketplace that harnesses the power of the DevvX chain. It's a hub for trading a wide range of digital assets, including NFT art, carbon offsets or other blockchain-based digital assets present in the DevvX ecosystem. With the DevvX chain as its backbone, GlassBlock ensures the highest level of security and efficiency for users. It simplifies the process of buying, selling, and trading any type of digital assets, making it accessible to both beginners and seasoned traders.

This is also a perfect example of a web3 application built by a traditional tech team (lead by the creator of Amazon Kindle's marketplace) without any additional blockchain experience, through use of DevvX's APIs.

### DevvX Wallet & Seller's Portal

Our wallet simplifies the on-boarding experience with a web-based wallet application that's easy to create with just an email address. You can seamlessly integrate our blockchain wallet into any DevvE ecosystem applications, for example - a video game inventory without the need for additional browser extensions. Buy, Sell, Trade and Transfer items or NFTs, (generating blockchain transactions) directly within an application.

Bundled within the DevvX wallet is an integrated digital asset management platform called the "Seller's Portal". This is where creators who deal in a large volume of value assets can effectively manage their volumes within one encompassing wallet platform.

### Transaction History & Block Explorer

A block explorer will soon be available in the DevvX wallet.



## The DevvE token:

All information regarding the DevvE token is provided for informational purposes only and does not constitute financial or investment advice. Investing in cryptocurrencies involves inherent risks, and we do not guarantee any specific results or returns. You should ensure compliance with applicable laws and regulations in your jurisdiction before engaging in transactions involving our token. We disclaim all warranties and are not liable for any losses, damages, or legal consequences arising from your use of our token. By participating in transactions involving our cryptocurrency token, you agree to indemnify us and acknowledge that you have read, understood, and agreed to this disclaimer

## DevvE Token - Overview

The only platform token for the DevvX Layer 1 blockchain.

8 million TPS (fully operationally decentralized)  
Horizontal scalability of transaction throughput  
Sub Second Finality  
1/3 billionth the energy consumption of Bitcoin (2.1J per txn)  
3rd party certified as ISO Green Compliant  
1/10 millionth the Cost of Ethereum  
User Privacy, while remaining transparent and auditable  
Protections from Fraud Theft, Loss  
AMF ICO Visa approval (ICO.24-023)  
Regulatory Compliant  
Extensive Global Patents

Maximum Supply: 300 million

Contract address: 0x8248270620aa532e4d64316017be5e873e37cc09

Network & Exchanges: DevvE is actively traded on exchanges as an ERC20 cryptocurrency with the contract address above. It's currently available on UniSwap, Gate.io, Bitpanda, MEXC and Bitget.

Please be vigilant when interacting with the contract address directly. DevvE does NOT currently exist in any other format, on any other network, under any other token address.

### **DevvE as an ERC20:**

DevvE launched as an ERC20 - largely from a regulatory perspective. Its use on DevvX main net may require some additional regulatory compliance aspects depending on how the token will be specifically used in its utility, which is in the final stages of design and consultation. With the green light from the AMF to deploy as an ERC20, this enabled a fast route to market with exchange integrations, where the token can be used to tie-in to a robust DeFi ecosystem, and evolve into the other areas of utility when & where applicable.

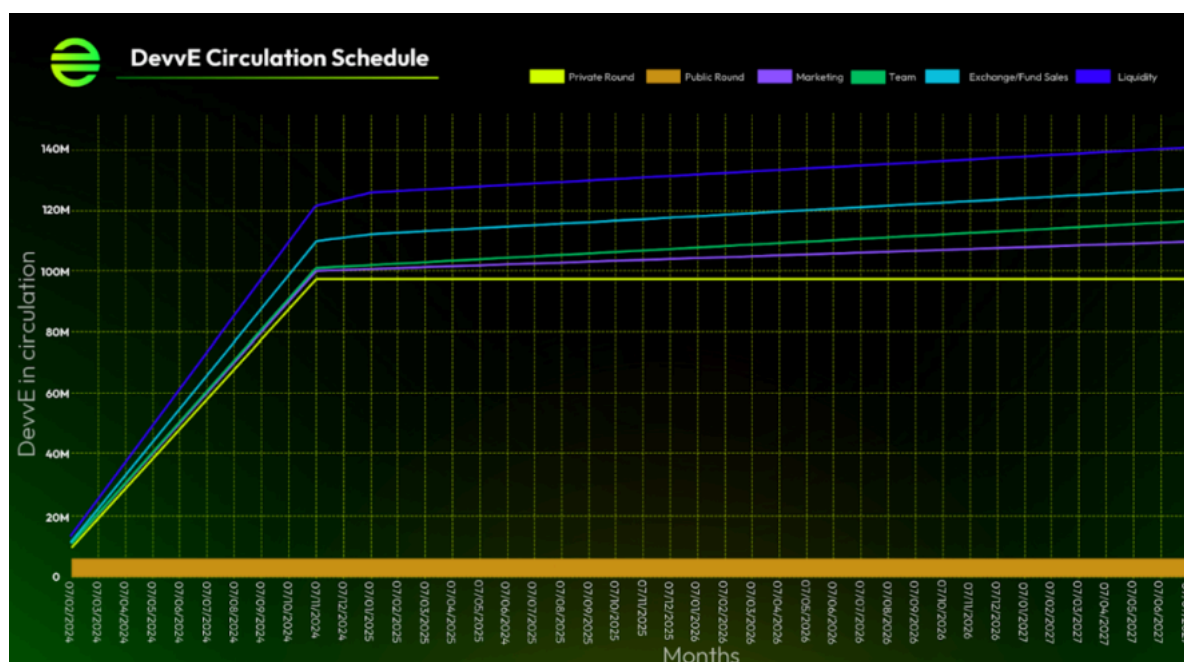
It's important to understand that the DevvE token has its own business model which reaches across all applications throughout the ecosystem. These uses for DevvE that will be made available in the short term, such as staking to create verification nodes, are fully capable of being managed by the Forevver Association in ERC20 format. Where other properties of DevvE may be required, such as its use for a high speed and cost-effective payment mechanism in certain applications such as the DevvExchange, this will likely require the token migration to our native chain.

# DevvE Token - Overview

## DevvE Token Migration

We will migrate DevvE to DevvX using an Ethereum Bridge. This will happen in the future when all the aforementioned legal and business considerations have been checked off. There is no specific time frame as this is beyond our immediate control.

## DevvE Circulation Schedule:



We've consolidated the token issuances across 6 different categories as follows:

- **Private Round: 97,500,000 DevvE - 10 month linear vesting**

Private Round tokens were executed by Devvio which supplemented funding for the development and commercialization of the DevvX blockchain software and initial applications. Private agreements were made at \$0.27 & \$0.35 per token, with the earliest of participants (2018) maintaining the option to convert their token allocations into Devvio equity.

- **Public Round: 6,000,000 DevvE - Fully Vested at TGE**

The public round, including a FCFS period, was conducted in 2024 at \$0.40 per token.

- **Marketing Budget: 13,500,000 DevvE - 1.35m at TGE, then 24 month linear vesting**

Allocated to the marketing team to create additional awareness, adoption, engagement and continued growth of the DevvE ecosystem over time.

- **Exchanges: 10,500,000 DevvE - 12 month linear vesting**

For costs associated with exchange launches.

- **Liquidity: 13,500,000 DevvE - 12 month linear vesting**

Allocated for liquidity and the associated cost.

- **Team: 9,000,000 DevvE - 12 month cliff, then 24 month linear vesting**

# DevvE Token - Overview

## The Forevver Association's Tokens: 150,000,000 DevvE

The remaining 150 million DevvE will remain in the custody of the Forevver Association. These tokens will typically not enter circulating supply unless they are purchased by governments, large enterprise or fund managers that will often be subjected to long term staking schedules (up to 10 years).

There may come a time where exceptions will need to be made, such as the opportunity to launch DevvE on a T1 exchange where additional tokens will be required for liquidity. The Forevver Association reserves the right to make these decisions from their pool of tokens and unequivocally state that this will only ever be considered in cases where there is a clear and definitive value add for all DevvE stakeholders.

## DevvE Distribution Graph and 10 month Token supply - nb Distribution now moved to Linear

	A	B	C	D	E	F	G	H	I	J	K	L
1	Description	1st Payment Amount with DevvE	2nd Payment Amount with DevvE	3rd Payment Amount with DevvE	4th Payment Amount with DevvE	5th Payment Amount with DevvE	6th Payment Amount with DevvE	7th Payment Amount with DevvE	8th Payment Amount with DevvE	9th Payment Amount with DevvE	10th Payment Amount with DevvE	
2	Marketing	737,700.00	203,950.00	203,950.00	41,666.67	41,666.67	41,666.67					1,270,800.00
3	Zealy	27,475.00										27,475.00
4	Caption Contest	1,250.00										1,250.00
5	Early Staff Holders	4,285,572.80	4,285,572.80	4,285,572.80	4,285,572.80	4,285,572.80	4,285,572.80	4,285,572.80	4,285,572.80	4,285,572.80	4,285,572.80	42,930,728.00
6	Staff 1	3,045,226.80	3,045,226.80	3,045,226.80	3,045,226.80	3,045,226.80	3,045,226.80	3,045,226.80	3,045,226.80	3,045,226.80	3,045,226.80	30,452,268.00
7	DevvE Direct Staffs	579,663.90	579,663.90	579,663.90	579,663.90	579,663.90	579,663.90	579,663.90	579,663.90	579,663.90	579,663.90	5,796,639.00
8	StaffE	1,348,947.20	1,317,366.30	1,317,366.30	1,317,366.30	1,317,366.30	1,317,366.30	1,317,366.30	1,317,366.30	1,317,366.30	1,317,366.30	13,205,261.90
9	Recent Staff Holders	122,025.90	197,044.55	197,044.55	197,044.55	197,044.55	197,044.55	197,044.55	197,044.55	197,044.55	197,044.55	1,896,426.75
10	Public Round	6,270,489										6,270,489
11	Admin Bonuses	10,500.00										10,500.00
12	Commissions	306,957.90	140907.4	140907.4	140907.4	140907.4	140907.4	140907.4	140907.4	140907.4	140907.4	306,957.90
13	Staff Payments	378,000.00										378,000.00
14	Liquidity	1,175,000.00										1,175,000.00
15	Fund Sales	750,000										750,000
16												
17	<b>Total DevvE</b>	<b>19,113,808.49</b>	<b>9,769,433.75</b>	<b>9,769,433.75</b>	<b>9,607,150.42</b>	<b>9,607,150.42</b>	<b>9,607,150.42</b>	<b>9,565,483.75</b>	<b>9,565,483.75</b>	<b>9,565,483.75</b>	<b>9,565,483.75</b>	<b>104,470,595.64</b>



## DevvE Token - Phase 2

We have previously mentioned the concept of “Phase 2” which was documented in the original Whitepaper, where the Forevver Association may consider increasing the total supply of DevvE to an arbitrarily large 2.1B tokens in the future, and we need to clarify our methodology behind this and the deliverables that would need to be emphatically proven for this to ever be considered a reality.

It would naturally be many people's first reaction to consider this as dilution, inflation or even a profiteering opportunity, with concerns regarding the immediate devaluation of any DevvE holdings. Increase in supply, in many minds equals decrease in overall demand and therefore a risk for token holders in terms of potential market manipulation or general bad faith actions from the team. There are multiple scenarios which broadly cover the same concerns and in order to address both the logic behind Phase 2 and why these concerns are unfounded, it is clear that we will need to provide further context.

To preface - when it comes to general currency inflation from a nation's perspective, small levels of inflation are considered highly positive, towards stimulating economic growth and productivity in an economy. Likewise, the same rings true for crypto-economies, as long as there is a provable and measurable correlation between token issuances and value being captured in the ecosystem.

As one of the largest holders of DevvE and the custodian of both the ecosystem, its growth and its success, it is completely counterintuitive to think that the Forevver Association would risk devaluing the very thing that supports it. Any potential financial upside would immediately be offset by reputational damage at all levels from State and Government partners to ESG and Impact investors right through to our community of supporters and holders. The vision and requirements for any additional token release would therefore have to be supported by an incredibly strong economic driver.

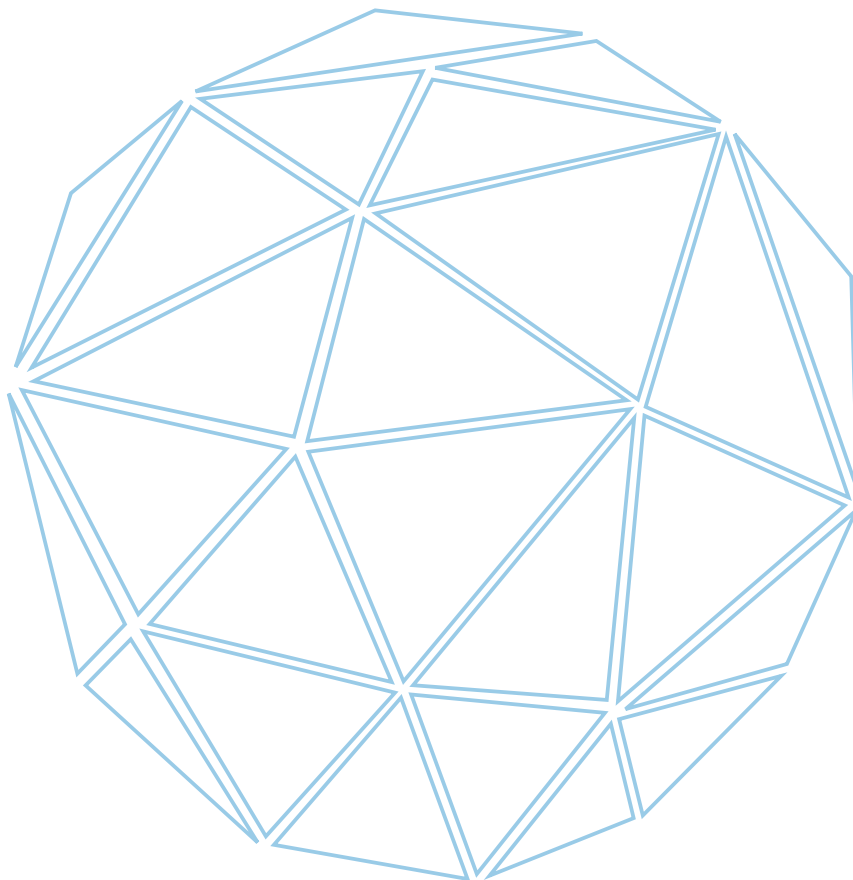
A global value exchange capable of managing Trillions of dollars worth of transactions, for example, may require a greater supply than the current market is capable of delivering. In order to drive frictionless growth it would be in everyone's best interest to enable global adoption and scaling. So while it would selfishly benefit all of the current token holders (including the Forevver Association) to see the value of their holdings potentially skyrocket with this increased demand, this benefit would be short lived as friction increases and bottlenecks slow down adoption and scaling. This in turn would limit long term growth and provide a perfect opportunity for competitors. In this scenario a carefully timed trickle release of tokens would allow for both the increase of market share and market value, delivering a long and stable growth trajectory for all stakeholders.



## DevvE Token - Phase 2

Therefore If these Phase 2 tokens were required to be released they would ONLY be released in such a way as to not disrupt the market or devalue the tokens but to support the wider growth and adoption of DevvE. The Forevver Association, as the entity entrusted with benevolent management of the DevvE token, will not rule out any potential assets which may become a mechanism to accelerate the greater expansion in a way that benefits all stakeholders in the DevvE ecosystem.

We may not need this extra supply to complete our objectives, we are also confident that we will be able to execute on our value FlyWheel that will drive value and growth into the ecosystem. We will then be able to prove, plainly and clearly, how adding every token to the supply will be able to drive X amount of value in the network. The key understanding here is we need to remain flexible. We are confident to execute on our vision while maintaining a positive supply / TVL ratio because it further empowers us as a non-profit organization.



## DevvE Token - Utility Tokenomics

We believe there is uncapped potential in the application of DevvE within our ecosystem, on par with how the data transfer on the internet matured into unpredictable applications that inspired the functionality and use cases of the modern web3. As we allude to in the section about the bridging DevvE to the DevvX main net, there are certain use cases, which due to regulatory frameworks and the best interest of everyone in mind, we can't publicly speak with ultimate transparency on every planned use case until certain key events occur.

While some of the utility functions of DevvE have been made publicly available, we can use these to help build a mental framework to understand how token utility can be applied across the ecosystem, depending on the demands of a specific application.

Let's break these down into 4 distinct categories:

Application Specific Staked: Eg, access to a platform such as a launchpad or for a discount in receiving products and services.

Application Specific Unstaked: Eg, use as a high speed payment mechanism, or utility as a scalable exchange trading pair

Network Specific Staked: Eg, in the creation of a verification node

External DeFi: Eg, uniSwap liquidity mining or trading

All applications in development in the DevvE ecosystem, by matter of design, will drive token utility demand in at least one of these 4 categories and up to potentially all 4 depending on the application. Each of these serve to either increase demand (inherent in the applications leveraging the advanced qualities of DevvE), or reduce supply (because of the simple existence of the application to begin with).

It's important to note that "staking" in the context of the DevvE ecosystem is considered as simply an agreement to lock up tokens for a specified period of time to gain access to the ecosystem's advanced features and functionalities and not as part of the network security mechanism.

## DevvE Token - Utility Tokenomics - continued

Here are some example token utility use cases which could be derived from our first party applications:

- Staking to create verification nodes
- Staking to receive priority access to impact offsets
- Staking as a mechanism to participate in shard governance
- Staking for reduction in application costs / fees
- Staking for access to product offerings (eg launchpad)
- Staking to receive token rewards
- As a reward to validators for providing a service (per shard governance)
- As a payment mechanism for ESG offsets
- As a medium of exchange
- For scalable liquidity and trading pair functionality
- Liquidity Mining
- Exchange related function and activity

Lastly, and arguably most importantly for those who are approaching the DevvE ecosystem from the crypto side of our technology, the ultimate question we aim to answer for governments, enterprise and web developers is how can my specific business leverage this enabling technology to build value for me and my business.

There is a laundry list of ways the DevvE ecosystem can do this. So we encourage you to think of your favorite global 2000 company, place this mental model over the top and see if you can come up with the next new killer apps that will draw the eyes of the world and join our developer Grant program!



## Blockchain Technical Overview

The DevvX Blockchain, a layer 1 blockchain protocol, will be used by the Forever Association to manage assets and data within its purview. The DevvX Blockchain's unique sharding design, and resulting ease of integration, architectural flexibility, cost effectiveness, energy effectiveness, and feature set provides the Forever Association with capabilities needed to address the complex challenges innate in environmental and social issues. The Forever Association will license DevvX intellectual property for use in ESG applications.

DevvX was designed to address the biggest challenges in the blockchain space, such as interoperability, cost, scalability, fraud/theft/loss, and privacy, among others. The following sections provide summaries of the DevvX Blockchain's operations.

### DevvX Consensus Algorithm

DevvX uses a byzantine fault tolerant consensus algorithm, called Proof-of-Validation (PoV) for speed and efficiency. Nodes on the network, called Validators, add transactions to the blockchain. Specifically, validators add blocks to the blockchain associated with a shard, as described below, that the validators provide consensus for.



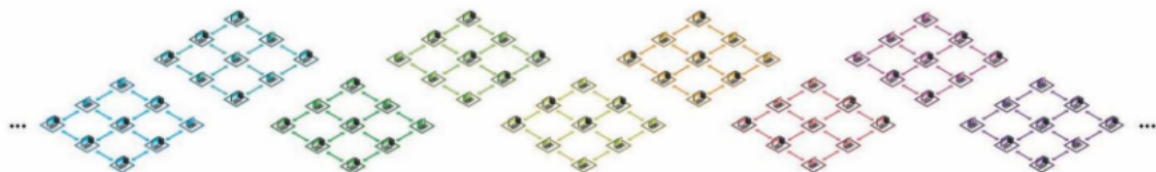
In the PoV consensus process, a Validator proposes a new block consisting of validly signed transactions. Other Validators evaluate the proposed block, and if it is a valid block, they indicate to the proposer the validity of the block by cryptographically signing a digest of the block. Once the proposer receives validation messages above a prescribed threshold (for example, above 50% of the Validators in the network, though this threshold can be changed on a per-shard basis), the proposer then includes those validation messages in the block and adds it to the blockchain by broadcasting it to its peers. The process continues with Validators each proposing new blocks in a round-robin ordering that independently updates using a deterministic but unpredictable algorithm. Proof-of-Validation is extremely efficient, and therefore transactions processed on the DevvX Blockchain are cost effective.

DevvX's transactions, including smart contract implementations, historically cost less than 1/10,000,000th the cost of Ethereum transactions, for example.

# DevvX Sharding Solution

Using the Proof-of-Validation consensus mechanism, and the DevvX sharding solution, the DevvX Blockchain can process tens of millions of on-chain transactions per second on a public, global blockchain. Sharding is not only valuable for providing scale and throughput, but it also provides a solution for architectural flexibility. With respect to scale and throughput, there are two primary concepts.

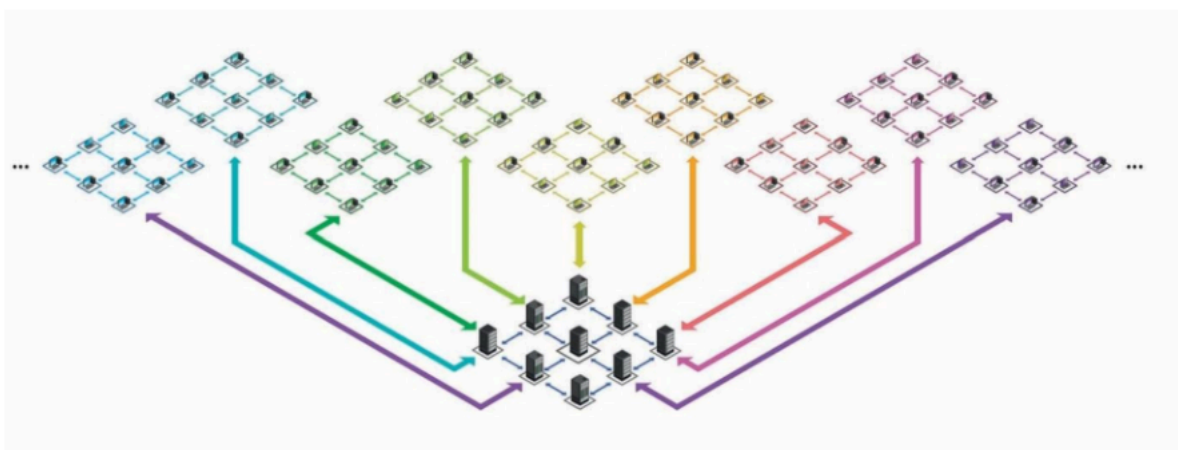
1. Additional independent blockchains (i.e. shards) are added in order to scale.



If one independent blockchain network, or shard, can handle 1000 transactions per second, then two independent networks can process 2000 transactions per second. If 10,000 transactions per second of throughput is needed, 10 shards can be used, and if 1,000,000 transactions per second is needed, 1000 shards can be used, etc. These independent blockchains are referred to as T2 networks, and this type of scaling is referred to as horizontal scaling.

However, there is one issue that needs to be addressed in scaling this way. Since the blockchains are independent, a solution for transactions that move from one shard to another must be implemented. That leads to the second fundamental concept in understanding how DevvX scaling works.

2. There is one blockchain that handles transactions that go from one shard to another (i.e. cross-shard transactions).



There is one blockchain (referred to as the T1 network) that handles transactions that go from one shard to another shard.

With respect to the cross-shard mechanism:

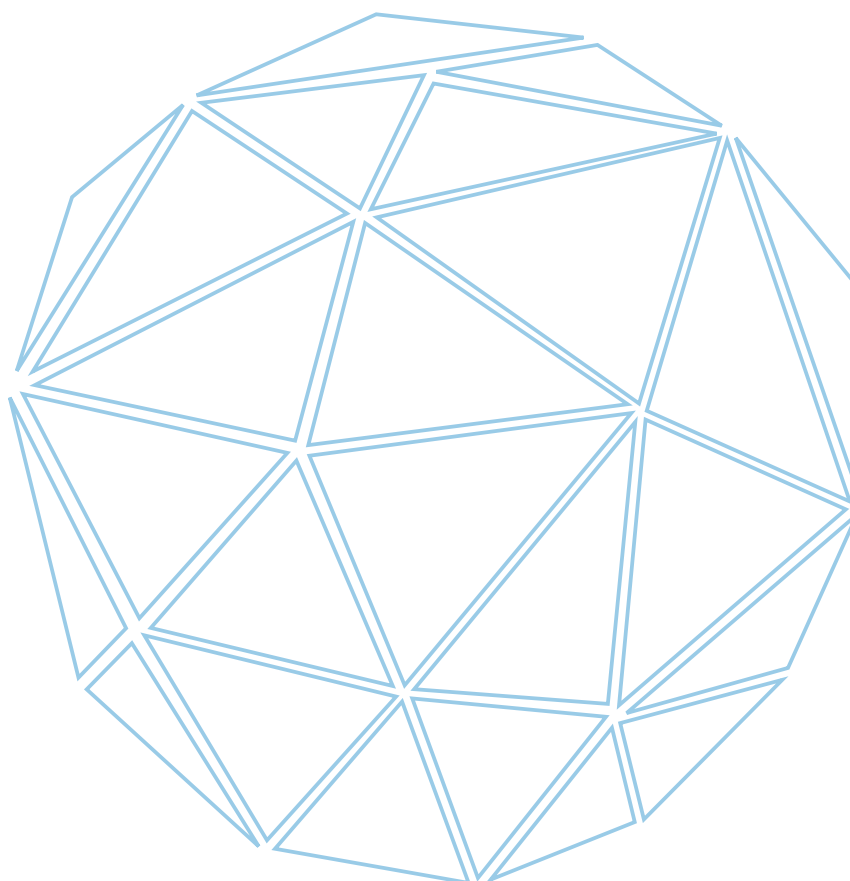
- Each wallet in the system is assigned to one and only one shard.
- Payment and settlement (or sending and receiving, in the broader case) are separated.

## DevvX Sharding Solution Continued

All the transactions that go from one shard to another shard are first summarized by the sending- wallet's shard. Every shard processes its blocks in its blockchain, and all the blocks from all the T2s can be sent to the T1 network as its inputs. Consolidated representations of any cross-shard transactions are actually sent to the T1 network, as many transactions are not cross-shard transactions. The T1 network processes those input as its transactions and reorganizes them based on the aggregate state transition for each wallet. Then every T2 shard reads the T1 blocks to get the settlement/receipt portion of its cross-shard transactions.

The T1 network is not a master record, and the T2 shards are not sidechains. The T2 shards themselves collectively hold the master record of the DevvX Blockchain and the T1 network is simply a cross-shard mechanism. The DevvX Blockchain is therefore highly decentralized and robust, given that many Validators are used in processing high levels of throughput. With this type of sharding approach, the T1 network ultimately is where the bottleneck can occur. Benchmarking tests were run that showed the T1 network can process over 8 million cross-shard transactions per second, which means that it can process well over tens of millions of transactions per second as most transactions in a well-designed system are not cross-shard transactions.

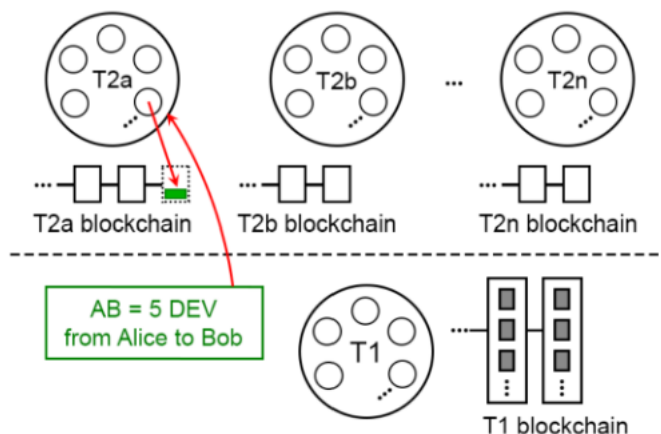
DevvX shards can be located globally, and there is no requirement for low latency between T2 and T1. Low latency between T2 nodes is also not required. DevvX shards can process smart contracts as well, using the same overall methodology. The DevvX Blockchain is public, immutable, decentralized, and cryptographically secured. These four criteria are required for a trustless solution, so the DevvX Blockchain is a trustless solution with distributed shards and no central authority overseeing transactions.



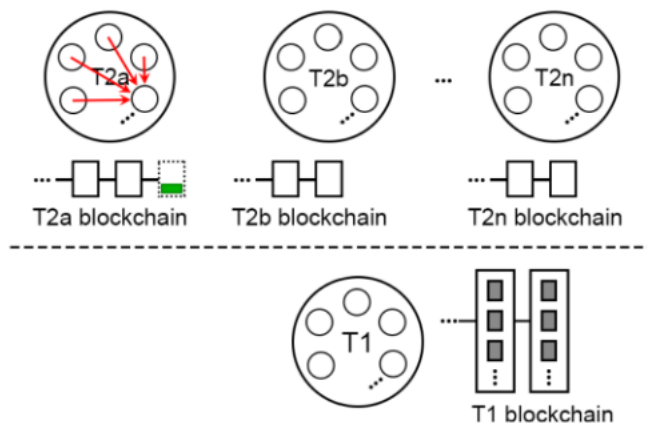


## Transaction Example

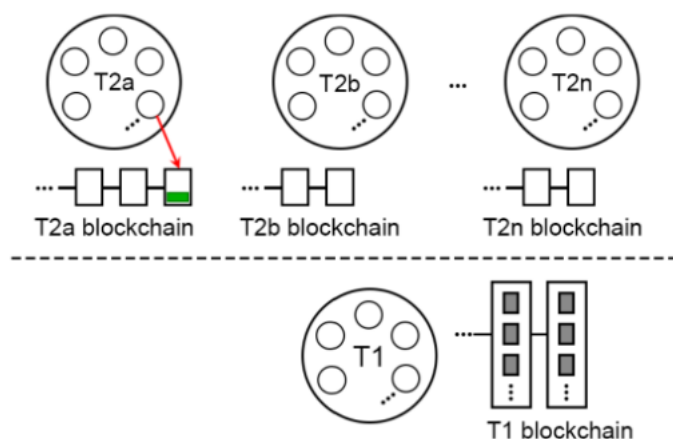
The following example shows the flow of a cross-shard transaction where Alice sends Bob DevwE. There are N T2 networks and 1 T1 network. In the diagrams, the T1 and T2 networks and their blockchains are shown, and they include representative Validator nodes within each network. Alice's wallet is designated to the T2a network. Bob's wallet is designated to the T2b network. Proposed blocks are shown as dashed lines. Finalized blocks are shown with solid lines. The Alice-to-Bob transaction, AB, is shown in green. Each step as it is performed is shown in red.



1. Validators in T2a receive AB. The current lead T2a Validator proposes a block including AB. The transaction in T2a represents the outgoing component of AB – i.e. the amount being spent by Alice. Alice will not be able to spend the DevwE again.

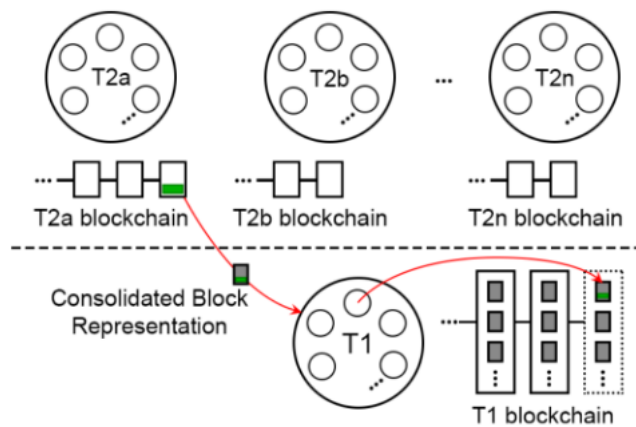


2. The other Validators in T2a receive the proposal. Those Validators verify and approve the proposed block and send validation messages to the lead Validator.

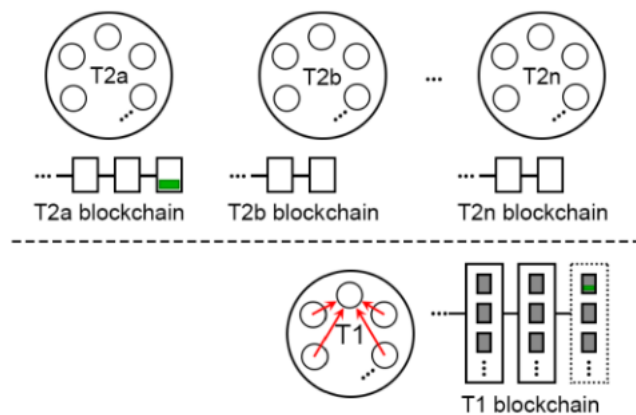


3. The lead validator collects validation messages above a shard-defined percentage of all Validators and then submits a final block. The final block includes a consolidated representation of transactions to be used by T1. AB can be assumed to be a valid transaction when it is on the T2a blockchain, and it is guaranteed to propagate through T1 to T2b given the blockchains are immutable public blockchains.

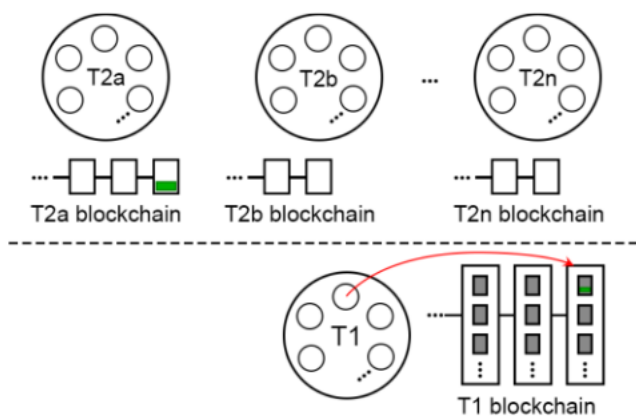
## Transaction Example Part 2



4. Validators in T1 receive the T2a consolidated block representation, along with other consolidated blocks from other T2s, and the current T1 lead Validator includes it in a T1 block proposal.



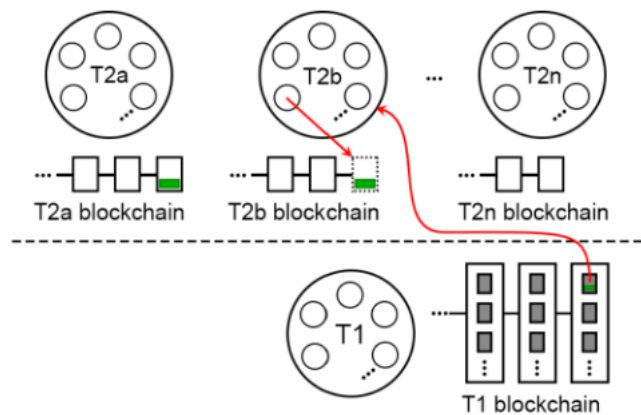
5. The other Validators in T1 receive the block proposal, verify it, and send validation messages to the current lead Validator.



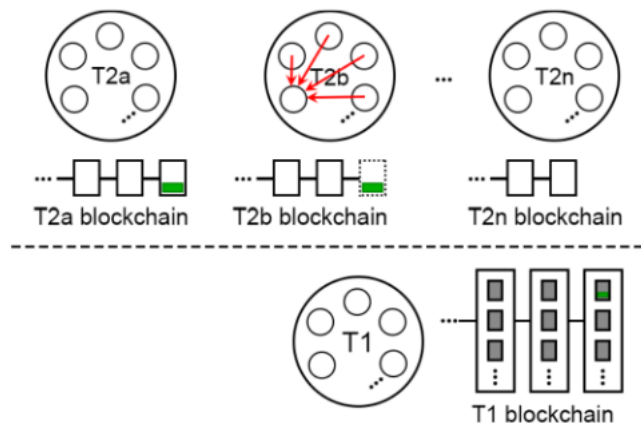
6. The lead Validator finalizes the new T1 block after receiving enough validation messages.



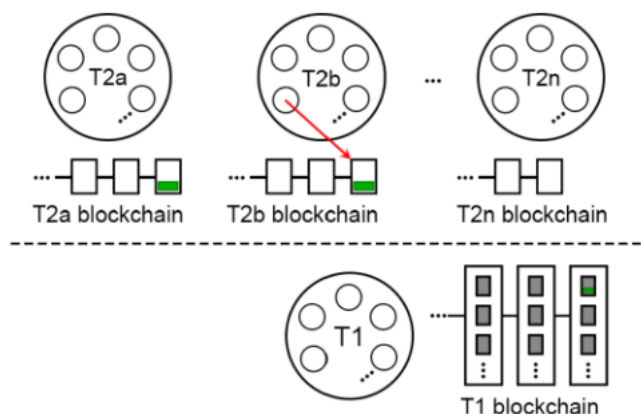
## Transaction Example Part 3



7. Validators in T2b receive the latest block in T1. The current lead Validator in T2b proposes a block including the incoming component of the transaction, AB (i.e. the amount being received by Bob).



8. The other Validators in T2b receive the block proposal, verify it, and send validation messages to the lead Validator.



9. The lead Validator finalizes the block after receiving enough validation messages. Bob has now received his DevvE and can spend it!

## DevvX Restful API

One of the most important and compelling aspects of the DevvX blockchain is the design of the programming interface. DevvX uses a RESTful API that allows web developers to easily and quickly build web3 applications using web2 approaches. For example, there are on the order of 200,000 world-wide Solidity developers that can develop Ethereum based applications. In contrast, there are on the order of 25 million web developers that can utilize a traditional RESTful API. The DevvX wallet application and

the GlassBlock.io marketplace are DevvX applications that were built by traditional web2 teams that did not have any previous web3 experience. The DevvX API has a number of commands to allow for rapid development. There are endpoints for account registration and login, asset creation, asset definition, checking transaction histories, sending and receiving assets, chain information, combining assets, digital identity, and endpoints for specific smart contracts.

## DevvX Privacy Solution

Privacy is one of the most important, yet not fully addressed, challenges in the blockchain space. Blockchain solutions like Bitcoin have pseudonymous privacy that over time can be reverse engineered. Solutions like Monero, Dash, and Zcash use methods such as zero-knowledge proofs that provide true privacy, but those solutions do not provide regulatory compliance and auditability. Ultimately governments will put severe constraints on solutions that allow money-laundering, terrorism, and other illegal activities.

Enterprises need to be able to protect private data, but also allow transparency when needed such as in the cases of product recalls, audits, customer visibility, or in regulatory compliance, as examples. A solution is needed that provides true privacy, but which also can provide transparency when desired or required. This is the only type of privacy that will ultimately thrive. Different needs in utilizing the blockchain require different approaches to privacy.

For privacy in financial transactions, users first go through a Know-Your-Customer (KYC) process to certify their identity. Then, to implement a private transaction, they send the blockchain transaction to a trusted third

party along with an encrypted off-chain message describing how to finalize the transaction. The third party sends the assets to one or more wallets for the defined recipients (which can also include movement of the original sender's remaining assets into multiple new wallets still owned by the sender) and obfuscates private transactions, through a tumbler, zero-knowledge proofs, etc so that the identities of the parties cannot be reverse engineered from the pseudonymous addresses on chain. In this way, users have true privacy on their transactions and wallet holdings, but governments can legally subpoena required information to prevent illegal activity. The DevvX privacy solution is an optional feature for those who wish to utilize it.

For enterprise use, the DevvX privacy solution can be further extended both in protecting data itself as well as protecting the identities of wallet owners and movements of assets. These techniques are valuable in many applications such as ESG assets, supply chain, data audits, records management, IoT records and provenance, and any other application where an enterprise has private or sensitive information associated with the blockchain's use.

## Data Privacy and Asset Representations

Data itself can be maintained with privacy on a public blockchain through several methods. For example, details of a contract, properties or status of an asset, medical or other types of records, or any other private data can all be maintained safely on a public chain. DevvX utilizes four methods to protect private data which includes using an on-chain reference or hash of the data instead of the raw data itself, using a decryption key accessible on-chain to access encrypted off-chain data, maintaining the data local to a private shard, and encrypting the data on-chain. Each of these building blocks can be used and combined in various use cases.

The simplest way to maintain privacy is to use a hash or other reference with on-chain data, and then store the data itself separately in a secure database. The owner of the data can determine who can access it, and any recipient of the data can verify and audit the data by verifying that its hash matches the on-chain hash. Similarly, the public blockchain can also include a decryption key that can be used to decrypt off-chain data. For example, a medical record such as an MRI can be maintained in an encrypted format off-chain, and the blockchain can provide permissions to patients, doctors, hospitals and insurance companies to access the data. Maintaining on-chain representations to off-chain data has the most flexibility and the least cost for the blockchain itself, but it requires trust in other security practices outside of the blockchain.

Another method of maintaining privacy is using a private shard that can coordinate with the public blockchain. Private shards can be used to control access to data while still allowing transactions that can move into a global public chainstate. For example, an enterprise can store confidential data, such as materials or component costs, but only share with the public blockchain the logistical movements of those assets.

Finally, data can be encrypted on-chain and the data owner can access it using a decryption key. More complex encryption can also be supported such as requiring M of N representatives to use keys in order to decrypt the data. This approach can be combined with private chains as well to protect highly sensitive data even from insider threats. DevvX can provide solutions for preventing the risk of encryption key loss.

## Metadata and Ownership Privacy

In addition to maintaining privacy on data itself, it is important to be able to maintain privacy on the movement and ownership of assets.

Private shards provide protection against metadata analysis. The internal private movements of assets within an organization or group of organizations can occur on a private shard, but still be available to use transactions that move into the public blockchain. For example, parts may be gathered from suppliers around the world, assembled, tested, and packaged where this information is maintained on private chains. Multiple companies can maintain their own private chains and then coordinate logistics using the public blockchain and consistent data formats.

Metadata privacy on a public chain can also be achieved through wallet management. Enterprises can maintain and create collections of wallets that obfuscate ownership and prevent reverse engineering of movements and ownership. DevvX can also allow third-parties to provide services similar to the financial transaction privacy solution described above, to protect the knowledge of ownership of wallets and assets from being discovered. These solutions include special keys that create derivative addresses from traditional asymmetric key pairs. DevvX can also allow third parties to provide further services and software for audits and traceability, where information can be proven without disclosing confidential information to competitors.

## Transaction Protections

Another of the biggest challenges for blockchain is fraud, theft, and loss. Billions of dollars of cryptocurrency have been stolen with no recourse, given the immutable nature of blockchains. Fraudulent transactions are difficult to reverse and often require contentious forking in other chains. Additionally, when a private key is lost or a holder dies, assets can be lost forever. These are critical problems to solve for a scalable real-world blockchain solution.

The DevvX Blockchain utilizes an escrow function called DevvProtect to enable traditional real-world protections on transfers. DevvProtect is a completely optional feature of the DevvX Blockchain, but the use of DevvProtect can provide valuable protections and the type of dispute resolution processes that users are accustomed to. As with DevvX privacy solutions, an account where a user's identity has been verified, is required to use DevvProtect.

# Theft, Loss & Fraud

## Theft

DewProtect provides a valuable solution to protect users from the theft of their assets. Users must first have their identity verified. Then a wallet holding assets must be marked as DevvProtected with definitions of a time period in which funds cannot be transferred by the recipient as well as the requirements for verifying one's identity. During that time period, a third party service can return stolen funds that have been sent from a protected wallet.

For example, a user can hold cryptocurrency and other assets in a DevvProtected wallet. The wallet's DevvProtection can define a holding period of 30 days, and a requirement for identity verification such as standard two-factor authentication using a time-based one-time password provided by an authenticator app. Then, if the user's private key is compromised and the wallet's assets are stolen, the thief will not be able to transfer the stolen funds for 30 days. If the user discovers the theft during those 30 days, they can contact a third party that has the right to transaction within DevvProtect rules, prove their identity, and then the third party can direct the funds to a new wallet held by the owner.

## Loss

DewProtect also provides a valuable solution to protect users from the inadvertent loss of private keys, as well as a solution for transfers to heirs upon a user's death. A user can define that a wallet's assets can be transferred by a trusted third party in the event of the user's death or the loss of a private key. Then a user or their heirs can provide proof of the lost private key, and the third party will transfer the wallet's assets to a new wallet. If the third party were to abuse its rights in transferring assets, the owner of the wallet can reverse the transaction over a time-period, therefore creating a loss solution that does not require any trust.

## Fraud

Similarly, DewProtect can implement chargebacks on transactions that are deemed fraudulent, similar to mechanisms with credit card transactions. In this case, an individual transaction can be defined to be DevvProtected rather than an entire wallet. The transaction is defined to be DevvProtected for a period of time, and a third party can send a reverse transaction for funds deemed to be fraudulent (through a traditional dispute resolution process) during that time period. Terms of the dispute resolution are agreed upon by both parties before a transaction occurs.

## Theft, Loss & Fraud - Summary

DevvProtect provides valuable, but optional, protections for transactions. In summary:

1. Transactions out of a DevvX wallet can be made by a sender using DevvProtect (which is similar in nature to escrow) if they have a DevvX account where their identity has been verified. A DevvProtected transaction transfers assets from the sender's wallet as normal, and the recipient receives the assets, which include a timestamp on when they were sent as well as a time period associated with the transfer. After the time period has elapsed, the assets are released and are able to be sent in the blockchain again. While the assets are DevvProtected during the time period, a trusted third-party can send an inverse transaction, effectively reversing the original transaction.
  - A DevvProtected asset cannot be transferred from a recipient's wallet until the time period has elapsed.
  - DevvProtected assets are released at the end of the time period associated with the transaction. At that point they can no longer be affected by the trusted third party.
  - Users can set the time period when a DevvProtected asset is sent.
  - The recipient can decline a DevvProtected transaction, which returns the asset to the sender's wallet.
  - The sender can send a transaction message (such as when a purchased product has arrived in good condition) shortening the time period and allowing the recipient to transfer the assets immediately.
  - During any type of dispute resolution process, a trusted third party can increase the DevvProtect time period on transactions to allow the dispute to come to closure.
2. Users can also elect to keep their assets in DevvProtected Wallets, where all assets leaving the wallet are automatically sent with DevvProtect. DevvProtected Wallets provide added protections against theft and loss.
  - A DevvProtected wallet is identified with a time period for all transactions from the wallet. If a user wants to change the time period on a DevvProtected wallet, the change will take effect after the change transaction is received and that same time period has elapsed.
  - If a user loses a DevvProtected wallet's private key or if heirs do not have access to a private key after a user's death, a trusted third party can transfer assets from that wallet into a new DevvProtected wallet. Any assets transferred in this way are DevvProtected in the new wallet for the original wallet's defined DevvProtect time period or a system defined default time period, whichever is larger. During that time period a user can also use the original wallet's private key to create an inverse transaction effectively undoing the recovery transaction. Therefore, this mechanism cannot be used to forcibly move assets out of a user's wallet in the case of a supposedly lost key.
  - If a user's DevvProtected wallet's private key is stolen and assets are then stolen, the user can contact a pre-defined trusted third party and prove their identity using pre- defined criteria in order to recover the stolen assets. While the assets are still being held within the DevvProtected time period, the trusted third party can create an inverse transaction and send the assets into a newly created DevvProtected Wallet with a new private key.

## Smart Contracts

DevvX implements extensible smart contract capabilities using the C++ programming language. Smart contracts in the DevvX system follow a declarative structure consisting of references, parties, initial conditions, event conditions, triggers that react to events, and execution requirements. The DevvX system uses a canonical and declarative contract structure rather than procedural scripts, since these are more analogous to the real-world structure of smart contracts. Contracts within the DevvX network can react based on integrations with external systems. Like any transactions on DevvX blockchains, contract contingencies can be settled immediately and irreversibly or protected in escrow for some predetermined time period. Smart contracts provide for one atomic operation for the decomposition or processing of contracts, so new types of contracts can be composed by rearranging a graph.

## Intellectual Property

A true differentiator of the DevvE Token is its unique technical capabilities and utility. This disruptive technology is patent protected and includes at least four broad blocking patents that enables a huge technical and market advantage for the DevvE Token. These include Self Sovereign Identity, Privacy, Regulatory Compliance and Fraud, Theft, Loss Protection. This is a unique value proposition in the cryptocurrency domain. This Intellectual Property related to the DevvX Blockchain owned by Devvio Inc. which the Forever Association has the exclusive license to as the platform token for DevvX.

**DevvE either has an exclusive license or access to the following Patents and Applications:**

### US provisional applications:

Application number	Title	Filing Date	Status
62565099	Consensus Validation Cryptocurrency	29/09/2017	Included in PCT
62571556	Consensus Validation Cryptocurrency	12/10/2017	Included in PCT
62585943	Consensus Validation Cryptocurrency	14/11/2017	Included in PCT
62644841	Consensus Validation Cryptocurrency	19/03/2018	Included in PCT
63123434	Embedded Device Authentication System	09/12/2020	Included in PCT
63123436	Identity on a Network	09/12/2020	Included in PCT



## intellectual Property Continued

### PCT applications:

Application number	Title	Filing Date	Status
PCT/US18/53240	Scalable Distributed Ledger System	27/09/2018	Covers overall consensus validation and sharding structure. National phase applications filed in Australia (pending), Canada (pending), EPO (pending).
PCT/US18/53242	Transaction Privacy in Public Distributed Ledger Systems	27/09/2018	Covers maintaining privacy in public blockchain. Positive International Search Report. National phase applications filed in Canada (pending), China (pending), EPO (allowed), Japan (issued), Singapore (allowed).
PCT/US21/62678	Embedded Device Authentication System	09/12/2021	Covers embedded device to establish and verify identity.
PCT/US21/62684	Identity on a Network	09/12/2021	Covers methods for establishing and verifying identity on a network.

### US utility applications:

Application number	Title	Filing Date	Status
16/818,094	Scalable Distributed Ledger System	13/03/2020	Pending
18/150,128	Transaction Privacy in Public Distributed Ledger Systems	04/01/2023	Pending
16/818,094	Scalable Distributed Ledger System	13/03/2020	Pending

Devvio also owns copyrights in the software produced by its employees and agents.

Devvio also maintains trade secret protections of its ideas under development, until they are filed as patent applications or published for strategic reasons.

Devvio also has the following trademarks and urls:

DEVV, US trademark application 88234336, pending.

GLASSBLOCK, US trademark application 97301799, pending.



# The Team



Ray Quintana

Ray serves as the Chairman and CEO of the Forever Association a Swiss non-profit and for Environ a French Asset Management Company. Prior to this Ray was the Global President of Devvio, Inc



Belem Tamayo

Belem is DevvE's Business Development leader with more than 7 years of experience in venture capital, business development, sustainable business strategies, marketing and more than 5 years in blockchain technologies and digital assets



Davin Broadbent

Davin leads on strategy and execution across all of the Forever Association's markets and verticals. With over 20 years in senior roles and a track record of delivery, Davin continues to drive growth and opportunities



Christoff Berlage

With a strong background in digital marketing working across well known fintech brands Christoff brings a wide range of skills and experience to the ecosystem. Driving digital strategy and brand engagement.



Ash Singh

Ash lives and breathes Web3 and has worked with some of the biggest projects in the space. Leveraging his knowledge and connections to grow the ecosystem



Ahmet Can Gunalp

Ahmet brings a wealth of Web2 financial management and planning skills to the Web2 space where he has worked since 2018. Familiar with the challenges and tools required to solve Web3 issues.



Aaron Adeleki

With a background in traditional media and video production. Aaron focuses on driving value across all social channels and market verticals



Steve Mikajewski

Steve's indepth experience and knowledge across all aspects of Web3 allow him to plan and execute at an incredibly high standard. Steve drives the ecosystem communications



Eugenio De la Torre

Eugenio is a leader in the community and front of house management space. Responsible for managing the important links between users and the team.



Federico Walter

Federico leads community engagement with a depth of experience and skills gained from years in senior community roles.

# Risk

A purchase of tokens involves a high degree of risk. You should consider carefully the risks described below before making an investment decision. The following risks entail circumstances under which, The Forever Association's (the Company) business, financial condition, results of operations and use of the DevvX Blockchain or other networks that carry the DevvE token (the Network) and prospects could suffer.

## The Company may not successfully develop, market and launch the Network and Purchasers may not receive DevvE Tokens at all or in a specified form.

The Network has not yet been fully developed by the Company and will require significant capital funding, expertise of the Company's management, time and effort in order to develop and successfully launch the Network. The Company may have to make changes to the specifications of the Network or DevvE Tokens for any number of legitimate reasons or the Company may be unable to develop the Network in a way that realizes those specifications or any form of a functioning application or in a way that satisfies the requirements of applicable laws. It is possible that the DevvE Tokens and the Network may not ever be released and there may never be an operational DevvE Tokens or that the Network launch will not occur. The Network and DevvE Tokens, if successfully developed and maintained, may not meet purchaser expectations at the time of distribution and launch. Furthermore, despite good faith efforts to develop and launch and subsequently to develop and maintain the Network, it is still possible that the Network will experience malfunctions or otherwise fail to be adequately developed or maintained, which may negatively impact the Network and DevvE Tokens.

The Company will use a portion of the proceeds from sales to make investments to develop and launch a viable Network and subsequently to build a fulsome platform upon which users can realize utility and value. The Company may not have or may not be able to obtain the technical skills and expertise needed to successfully develop the Network and progress it to a successful Network launch. While the Company has sought to retain and continue to competitively recruit experts, there is a general scarcity of management, technical, scientific, research and marketing personnel with appropriate training to develop and maintain the Network and the DevvE Tokens. If the Company is not successful in its efforts to demonstrate to users the utility and value of the Network, there may not be sufficient demand for the DevvE Tokens for the Company to proceed with the Network launch. As a result, or if the Network launch does not occur, Purchasers may lose all of their investment.

## The Value of Your DevvE Tokens is Unpredictable and Speculative

Previous SAFT sales provided for the issuance of a specific number of DevvE Tokens upon completion of a Token Generation Event. The number of DevvE Tokens to be issued was calculated using several assumptions and projections, including assumptions regarding the initial offering price per DevvE Token. The Company may need to lower the offering price, or change other assumed terms, in the Token Generation Event, or future offerings thereafter, which may negatively impact the expected and projected value of the DevvE Tokens issuable pursuant to this SAFT. The Company provides no guaranty of future value of DevvE Tokens, nor of future dilution, or other terms and conditions pertaining to the DevvE Tokens. The Company reserves all rights to modify any and all terms of the DevvE Tokens in its sole and absolute discretion.

# Risk

Investments in early-stage companies, including The Forevver Association and Devvio Inc, involve a high degree of risk. Investments in tokens may involve an even higher degree of risk

Financial and operating risks confronting startups are significant: The Company is not immune to these. The startup market in which the Company competes is highly competitive and the percentage of companies that survive and prosper is small. Startups often experience unexpected problems in the areas of product development, marketing, financing and general management, among others, which frequently cannot be solved. In addition, startups may require substantial amounts of financing, which may not be available through institutional private placements, the public markets or otherwise.

**DevvE Tokens will not be distributed until the Company can do so in accordance with applicable laws, including applicable securities laws.**

The Company will not conduct a Network launch unless and until it can do so without violating applicable laws, including applicable securities laws. In addition, the Company will not deliver DevvE Tokens to Purchasers unless and until it can do so without violating applicable laws. The regulatory regime governing blockchain technologies and assets, cryptocurrencies, tokens, cryptocurrency offerings, and token offerings is uncertain and evolving, as discussed in greater detail below. As a result, it is possible that it will be years before the DevvE Tokens will be distributed pursuant to the terms of the SAFT, if at all. Purchasers must be prepared to bear the risk of entering into the SAFT until the termination thereof with the understanding that the Company may never deliver, and the Purchasers may never receive, DevvE Tokens.

**The Company may be forced to cease operations or take actions that result in a Dissolution Event. In such an event, Purchasers will not be entitled to their full Purchase Amount and may lose their entire investment.**

It is possible that, due to any number of reasons, including, but not limited to, an unfavorable fluctuation in the value of cryptographic and fiat currencies, the inability by the Company to conduct a Network launch or to establish the DevvE Tokens's functionality, the inability of the Company to effect a public DevvE Tokens distribution due to regulatory restrictions, the failure of commercial relationships, or intellectual property ownership challenges, the Company may no longer be viable to operate and the Company may dissolve or take actions that result in a Dissolution Event. Purchasers may lose their entire investment if networks where DevvE are held are unable to be maintained.

**Purchasers will have no control or ability to influence the corporate decision-making and may lack the necessary information to monitor their investments.**

The Purchasers are not and will not be entitled to vote or receive dividends or be deemed the holder of capital stock of the Company for any purpose, nor will anything be construed to confer on the Purchasers any of the rights of a stockholder of the Company or any right to vote for the election of directors or upon any matter submitted to stockholders at any meeting thereof, or to give or withhold consent to any corporate action or to receive notice of meetings, or to receive subscription rights or otherwise. The Purchasers may not be able to obtain all desired information regarding the Company, the Network or the DevvE Tokens.

**The tax treatment of the SAFT and the DevvE Tokens distribution is uncertain and there may be adverse tax consequences for Purchasers upon certain future events.**

The tax characterization of DevvE Tokens is uncertain, and each Purchaser must seek its own independent tax advice. Token purchases may result in adverse tax consequences to Purchasers, including withholding taxes, income taxes and tax reporting requirements. Each Purchaser should consult with and must rely upon the advice of its own professional tax advisors with respect to tax treatment.

# Risk

## Risks associated with the DevvE Tokens and the Network

### The Network may not be widely adopted and may have limited users.

It is possible that the Network will not be used by a large number of individuals, companies and other entities. Layer 1 protocols as well as marketplaces have been historically difficult to start and grow and often require significant investment of resources to scale. Network effect businesses, like sharing economy marketplaces and platforms, are often winner-takes-all businesses, and there are a number of existing blockchain technologies and sharing economy marketplaces with which the Network will compete. These existing efforts are well established and have significant numbers of users, some or all of whom may not switch to the Network or use it in addition to the existing efforts. The Network may not attract sufficient buyers and sellers to establish and scale the Network which could negatively impact the potential utility and value of the DevvE Tokens and materially and adversely affect the Company's prospects.

It is also possible that there will be limited public interest in the creation and development of distributed ecosystems (such as the Network) or applications more generally. Such a lack of use or interest could negatively impact the development of the Network and therefore the potential utility and value of the DevvE Tokens.

### The DevvE Tokens have no history.

The DevvE Tokens have no operating history. Each purchase decision should be evaluated on the basis that the Company's or any third party's assessment of the prospects of the Network and the DevvE Tokens may not prove accurate, and that the Company may not achieve its objectives. Past performance of the Company, or any company or asset, is not predictive of future results.

### The investment environment surrounding cryptocurrencies, tokens and other blockchain assets is highly speculative.

The rapid increase in price of well-known digital assets such as Bitcoin and Ether has resulted in a highly speculative investment environment. Growth in mainstream media coverage has resulted in investors that were previously unfamiliar with the cryptocurrency markets and digital assets now seeking out investment opportunities in these areas. As a result, Purchasers that have not fully researched or analyzed the DevvE Tokens and have no intention of using the DevvE Tokens for services or transfers within the Network, or speculative investors and short term, high- frequency profit traders purchasing and reselling tokens may trigger frequent increases or decreases in the value of the DevvE Tokens following the Network launch or may further amplify volatility.

The Network may be the target of malicious cyberattacks or may contain exploitable flaws in its underlying code, which may result in security breaches and the loss or theft of DevvE Tokens. If the Network is compromised or if the Network is subjected to attacks that frustrate or thwart our users' ability to access the Network, their DevvE Tokens or the Network products and services, users may cut back on or stop using the Network altogether, which could materially curtail the utilization of the DevvE Tokens.

The Network structural foundation, the software application and other interfaces or applications built upon the Network are still in an early development stage and are unproven, and there can be no assurances that the Network and the creating, transfer or storage of the DevvE Tokens will be uninterrupted or fully secure which may result in a complete loss of users' DevvE Tokens or an unwillingness of users to access, adopt and utilize the Network. Further, the Network may also be the target of malicious attacks seeking to identify and exploit weaknesses in the software or the Network which may result in the loss or theft of DevvE Tokens.

## DevvE Token Applications May Vary From Expectations

The Company intends to develop and use the DevvE tokens for various applications within the ESG space and has contemplated and presented several potential use-case scenarios. The actual utility of the DevvE tokens for ESG related purposes may vary significantly from expectations and presentations. The Company hopes to capitalize on interest within the ESG space but cannot assure that any use-case will achieve profitable commercial application or will align with current expectations.



# Risk

## Risks related to blockchain technologies and digital assets

The regulatory regime governing the blockchain technologies, cryptocurrencies, tokens, cryptocurrency offerings, and token offerings is uncertain.

Regulation of cryptocurrencies (including the DevvE Tokens), tokens, token offerings, cryptocurrency offerings, blockchain technologies, and cryptocurrency exchanges currently is undeveloped and likely to rapidly evolve, varies significantly among international, federal, state and local jurisdictions and is subject to significant uncertainty. Various legislative and executive bodies in countries may in the future, adopt laws, regulations, guidance, or other actions, which may severely impact the development and growth of the Network and the adoption and utility of the DevvE Tokens. Failure by the Company or certain users of the Network to comply with any laws, rules and regulations, some of which may not exist yet or are subject to interpretation and may be subject to change, could result in a variety of adverse consequences, including civil penalties and fines.

As blockchain networks and blockchain assets have grown in popularity and in market size, international, federal and state agencies have begun to take interest in, and in some cases regulate, their use and operation.

New or changing laws and regulations or interpretations of existing laws and regulations in any given jurisdiction, may materially and adversely impact the value of DevvE, the value of the currency in which the DevvE Tokens may be exchanged, the liquidity of the DevvE Tokens, the ability to access marketplaces or exchanges on which to trade the DevvE Tokens, and the structure, rights and transferability of the DevvE Tokens.

## Purchasers may lack information for monitoring their investment.

The Purchaser may not be able to obtain all information it would want regarding the platform, the Network launch or the DevvE Tokens on a timely basis or at all. It is possible that the Purchaser may not be aware on a timely basis of material adverse changes that have occurred with respect to certain of its investments. While the Company has made efforts to use open- source development for the DevvE Tokens, this information may be highly technical by nature. As a result of these difficulties, as well as other uncertainties, a Purchaser may not have accurate or accessible information about the Network or the DevvE Tokens.

## If the Network is unable to satisfy data protection, security, privacy, and other government- and industry-specific requirements, its growth could be harmed.

There are a number of data protection, security, privacy and other government- and industry-specific requirements, including those that require companies to notify individuals of data security incidents involving certain types of personal data. Security compromises could harm the Network's reputation, erode user confidence in the effectiveness of its security measures, negatively impact its ability to attract new users, or cause existing users to stop using the Network.

The further development and acceptance of blockchain networks and decentralized applications, including the Network, which are part of a new and rapidly changing industry, are subject to a variety of factors that are difficult to evaluate. The slowing or stopping of the development or acceptance of blockchain networks, decentralized applications and blockchain assets would have an adverse material effect on the successful development and adoption of the Network and the DevvE Tokens.

The growth of the blockchain industry in general, as well as the blockchain networks with which the Network will rely and interact, is subject to a high degree of uncertainty. The factors affecting the further development of the DevvE Tokens industry, as well as blockchain networks, include, without limitation:

- Worldwide growth in the adoption and use of cryptocurrencies and other blockchain technologies;
- Government and quasi-government regulation of cryptocurrencies, and other blockchain assets and their use, or restrictions on or regulation of access to and operation of blockchain networks or similar systems;
- The maintenance and development of the open-source software protocol of blockchain networks;
- Changes in consumer demographics and public tastes and preferences;
- The availability and popularity of other forms or methods of buying and selling goods and services, or trading assets including new means of using fiat currencies or existing networks;
- General economic conditions and the regulatory environment relating to cryptocurrencies; or
- A decline in the popularity or acceptance of Bitcoin, Ether or other blockchain- based cryptocurrencies or tokens would adversely affect our results of operations.

The slowing or stopping of the development, general acceptance and adoption and usage of blockchain networks and blockchain assets may deter or delay the acceptance and adoption of the Network and the DevvE Tokens.

A decorative grid of small, light gray dots arranged in a 7x7 pattern, centered in the upper half of the page.

## The Forever Association

