

**WHITEPAPER**

**of**

**Emerium Corp Limited**



# Introduction

With cryptocurrency, we get a new medium of exchange that paves the way for new possibilities in business. In the last decade, the demand for this technology has grown by leaps and bounds. This technology has shown us new methods of delivering efficiency in payments and other fintech solutions. This is a revolutionary initiative that is committed to bringing more liquidity, protection, and overall advantages with this technology.

EMERIUM Coin is going to deliver pioneering platforms to industries like gaming and advertising. Payment and transportation. Through decentralised control, investors will be able to make more money with this project. As opposed to a centralised mechanism, this blockchain-based network is aimed at giving transparency at every level.

With crypto markets developing, it is highly probable that asset and strategy allocation will begin to converge with traditional finance. The EMERIUM index platform stands to benefit from this influx of capital, and its user-friendly design will appease both crypto natives as well as users completely new to decentralised finance.

As the token economy expands and becomes more diverse, participants will want products that can provide them with diversified exposure to these different sectors. Sector-specific indices will become the schelling point for benchmarking performance. Our index creation tools allow the portfolio of indices to grow with the market, easily supporting new sectors as they are defined.

However, token economies are unlike their traditional counterparts in the sense that token holders take a more active role in the decision making process. In line with this ideology, EMERIUM will support active participation in the governance of the tokens it custodies. Additionally, we will minimise opportunity cost by leveraging off-platform yield optimisers.

# Our Vision

EMERIUM coin is to launch a Forex platform backed by crypto, and to make this possible, we have come up with a comprehensive fintech structure. We also give the mechanism more time and resources to get developed. With our platform, it will be possible for traders and entrepreneurs to achieve some great feats. Also, we bring more liquidity into this market and enable the participants to make use of it.

To solve this problem, we reengineered our index architecture. At the highest level, all indices are grouped into homogenous pools of assets and assigned a weight based on the asset's weight in each index. The platform can now rebalance between asset pools on a global level as opposed to rebalancing between assets on a local index level.

This immediately reduces computational complexity to just when indices with new assets are created and when indices with existing assets are created. A new asset is defined as one that is not currently held on the EMERIUM protocol. When a rebalancing transaction occurs between two asset pools, it affects every index that holds either of those assets. Ultimately, this moves the protocol towards a state of balance.

In addition to offering superior rebalancing efficiency, our aggregated design improves asset productivity. In order to push assets off the platform to generate additional yield, a reserve level must be maintained to support rebalancing and redemptions. Maintaining reserves on a per index basis would require an increasing number of transactions as more indices are created. In addition, smaller indices would not benefit from yield optimisation because their assets would need to be reserved for redemptions and rebalancing.

Instead, we maintain one reserve for each asset pool on the platform. This dislocates the number of transactions required to facilitate asset optimisation from the number of new indices. More importantly, it ensures that regardless of the size of an index, it can benefit from additional yield. This is due to the fact that yield is shared pro rata across the indices that make up an asset pool. RentCoin has introduced rebalancing bands, which prevent the rebalancing system from operating when an asset's weight sits outside of an acceptable range.

# What is TRON

The TRON protocol is the blockchain's entertainment system of free content, in which TRX, TRON's coin, is circulated. Its native economic system enables an unprecedented one-on-one interaction between providers of digital entertainment content and ordinary users. Therefore, content providers will no longer need to pay high channel fees to centralised platforms like Google Play and Apple's App Store. Also, providers of content such as texts, pictures, videos, and broadcasts will break the curse that popularity and hits cannot create cash.

With the strengths of social networking and value networking, TRON is committed to ecological prosperity. In relation to any community and free market economy, an incentive system that fairly and reasonably reflects the contributions made by participants is fundamental. TRON will attempt to accurately and transparently measure and motivate relevant participants and contributors using digital assets for the first time, thus enabling this content ecosystem.

## Value of TRON

- Data creators (users) will have the fundamental ownership of data, and the Internet should be decentralized. This was proposed by Tim Berners-Lee at the time when the Internet was born.
- Those who make a contribution to the TRON ecosystem will be entitled to proportional profits for their work, according to rules. A value network that can digitally capitalise on anything in social and media networks has the greatest potential.
- All forms of contribution should be of equal quantitative value. Substantially, the time invested by participants, excellent content, and attention are as valuable as furnished capital.
- The fundamental objective of TRON is to provide services for the public. As an ecosystem operated by a non-profit foundation, TRON is designed to serve the masses throughout the world who enjoy content entertainment, rather than gaining profits.

- Content should derive from people rather than capital, and content should be used to reward people rather than to control people. Cultural and creative industries should be driven by the pursuit of the quality of art and content by content creators, artists, and scriptwriters, rather than by capitalists who do not consume the content.

## Infrastructures Provided by TRON

TRON seeks to provide relevant participants with the following infrastructure:

1. A high-quality content platform
2. Social network that provides a link among all people
3. Digital currency
4. Payment network and
5. Autonomous ecosystem



# About Emerium

Emerium is the world's first decentralized and most secure program designed for the community. Emerium is designed to provide everyone with an independent, financial support program, based on Blockchain. Transparency is guaranteed through the use of blockchain technology, smart contracts and algorithmic processes executed by the Emerium developers. We're uniquely building an exclusive and innovative revolutionary Emerium ecosystem. The Emerium is a community. Based coin which will help the affiliates can profit from the affiliate system as well on the coin price goes high along with community building new affiliate can profit from the block chain industry also.

## Evolution of Money

Barter



Metal Coin



Electronic Money



Gold

Paper Money

Crypto Currency

# Issue we Address

The EMERIUM Coin Index Creator provides a diverse range of choices, including different weighting methodologies, tracking functionality, and curated sector choices. The Index Creator Tool provides a list of curated sectors from which to choose assets.

Tracking allows an index to maintain exposure to a sector's top assets based on a desired weighting methodology. EMERIUM will automatically add or remove tokens from the index based on their current ranking. Indices can leverage dynamic datasets to assign individual asset weights within an index. These weights are updated weekly to ensure that indices based on dynamic data are consistently accurate. We facilitate off-platform yield optimisation, enabling productivity of idle assets and improving index returns.

EMERIUM Coin's reserve model keeps enough assets within the platform to support redemptions and rebalances, whilst the remainder is put to work on yield optimisers. The reserve parameter is configurable through governance and dictates the percentage of each asset held on its ledger. Recapitalisation ensures the platform is targeting the optimal reserve ratio. As assets increase due to index minting, keepers move the excess assets off-platform to earn a yield. Conversely, as indices are redeemed and reserves are reduced, keepers pull assets from off-platform locations to increase the reserves on the blockchain. It ensures the solvency of the system and restores the optimal reserve ratio.

## Liquid Market

We all know that the markets are always very illiquid and they pose risks to the frequent participants in many ways. They also fail to address many issues faced by investors. This information is parsed into the Ox order router for execution. Keepers with the requisite bonded stake are white listed to interact with a unique rebalancing logic to ensure proper execution.



## Volatility

Though volatility is an innate quality of the markets and most of us are used to it, our efforts are always directed to curb it. Because of this factor, digital asset traders frequently suffer significant losses. When reserves exceed the target, keepers move assets from Phuture to off-platform destinations. When reserves fail to meet the target, keepers move assets from off-platform destinations to EMERIUM.



## Risk to Investors

We all want to do everything possible to reduce the risks, but most of the time, investors are always at risk. An example of a dynamic dataset is market cap data. This data is used to mint indices that are based on dynamic datasets. In addition, keepers will reallocate index shares within the protocol's vault to ensure indices built on dynamic datasets have the correct claim on the protocol's assets.



## Fraudulent Activities

EMERIUM Coin is emitted to active platform users, ensuring that they gain more influence in the protocol while decreasing the likelihood of fraud. It can be obtained by either staking your tokens or staking whitelisted Index tokens. Redeeming an index requires 1% of the index's value to be burnt in EMERIUM tokens. Since most redemption transactions will occur due to arbitrage opportunities, this mechanism redistributes part of the arbitrage opportunity.





## Insecure Transaction

For a very long time, insecure transactions have plagued this market and jeopardised the overall investment iture of the traders. The token has an initial supply of 100mm. The token contract has the ability to turn on perpetual inflation up to a maximum rate of 3% per annum. Perpetual inflation will be turned off by default at launch.



## Processing Delays

Another issue that crypto users must deal with on a regular basis is the lack of a fully Tron-compatible smart contract structure. Here, you'll find both high-level and technical information for developers, collators, end-users, and other network participants. This site will grow and be refined overtime as the mechanism is developed.



## Solutions We Provide

We believe in a multi-chain future with many chains and many users and assets on those chains. In this context, we have created a smart contract platform that provides a Tron-compatible environment for building decentralised applications. They have been designed to serve these new kinds of assets and users that exist across two or more chains.

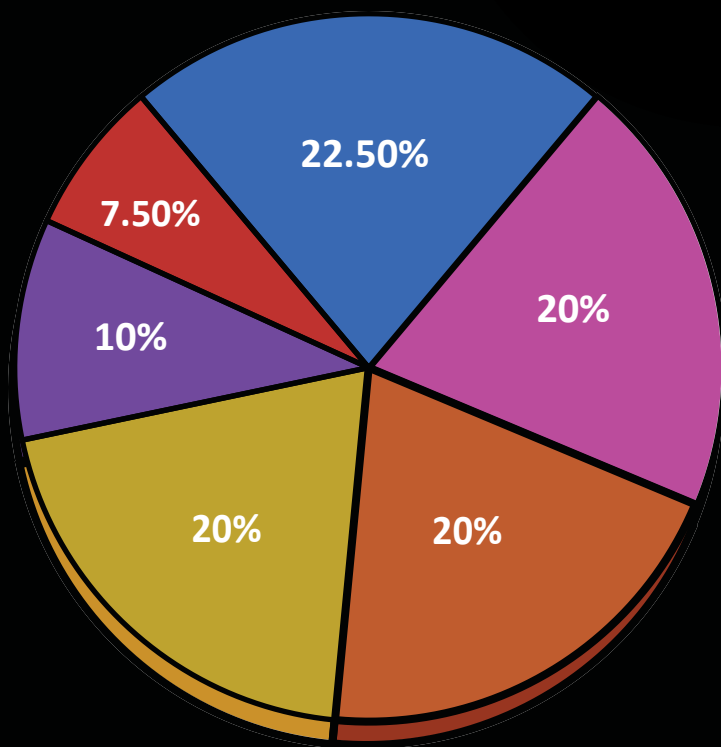
Existing smart contract platforms are designed to serve the users and assets on a single, specific chain. By providing cross-chain smart contract functionality, EMERIUM allows developers to shift existing workloads and logic to extend the reach of their applications to new users and assets on other chains.

EMERIUM's cross-chain integration is accomplished by making a ledger on its proprietary network. The network provides integration and connectivity between Parachains that

are connected to the network and to other non-EMERIUM-based chains, such as Ethereum and Bitcoin, via bridges.

Compose functionality by using EMERIUM Coin as a lightweight integration layer that aggregates network services before presenting them to end users. Implementing a composed service using pre-built integrations on a smart contract platform will be a lot faster and easier (in many cases) than building a full substrate runtime and performing the integrations yourself in the runtime.

## Allocation of ICO



AIR DROP / REWARD

PUBLIC EXCHANGE

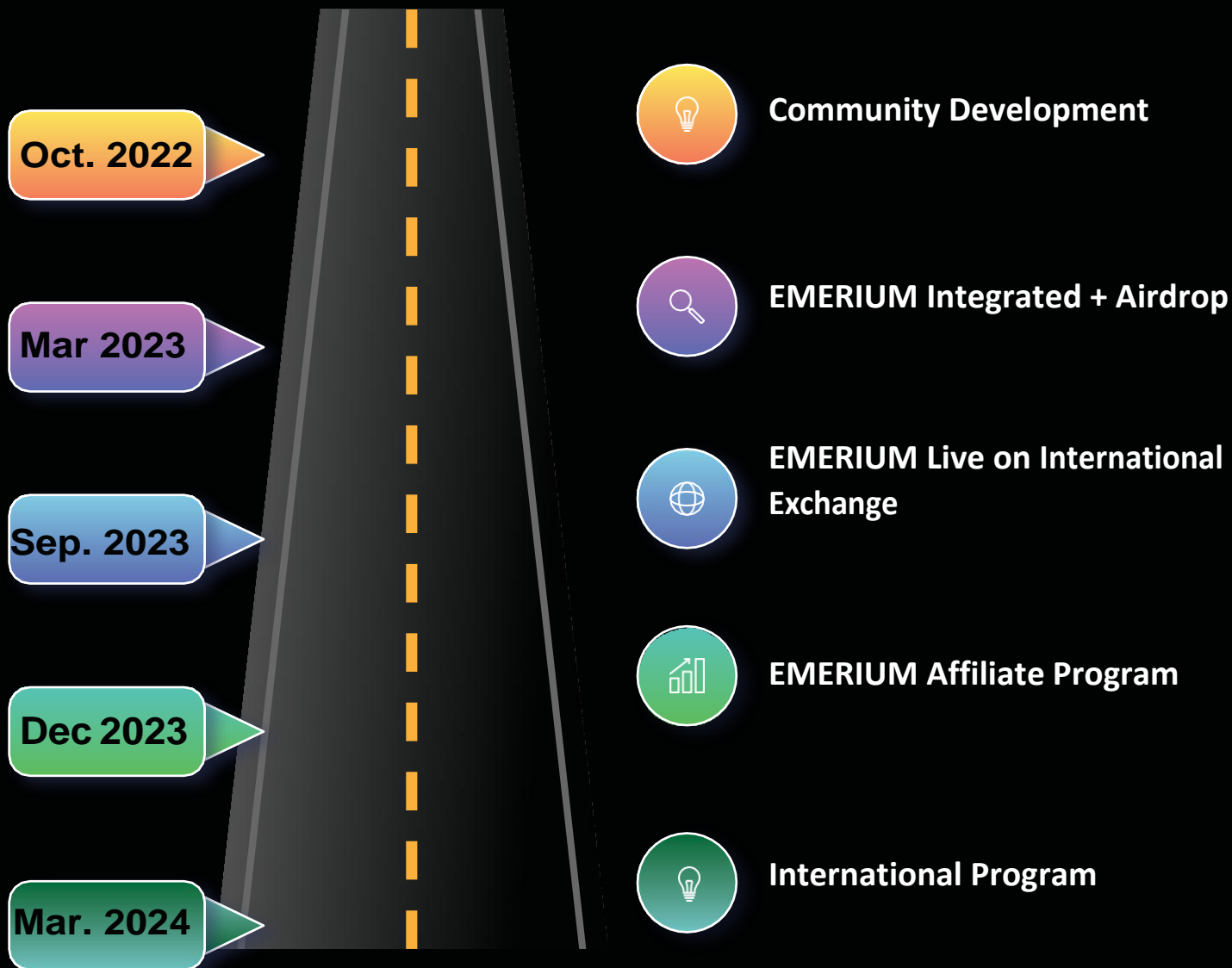
RESERVE

STACKING

TEAM FOUNDER

SOCIAL MEDIA PROMOTION

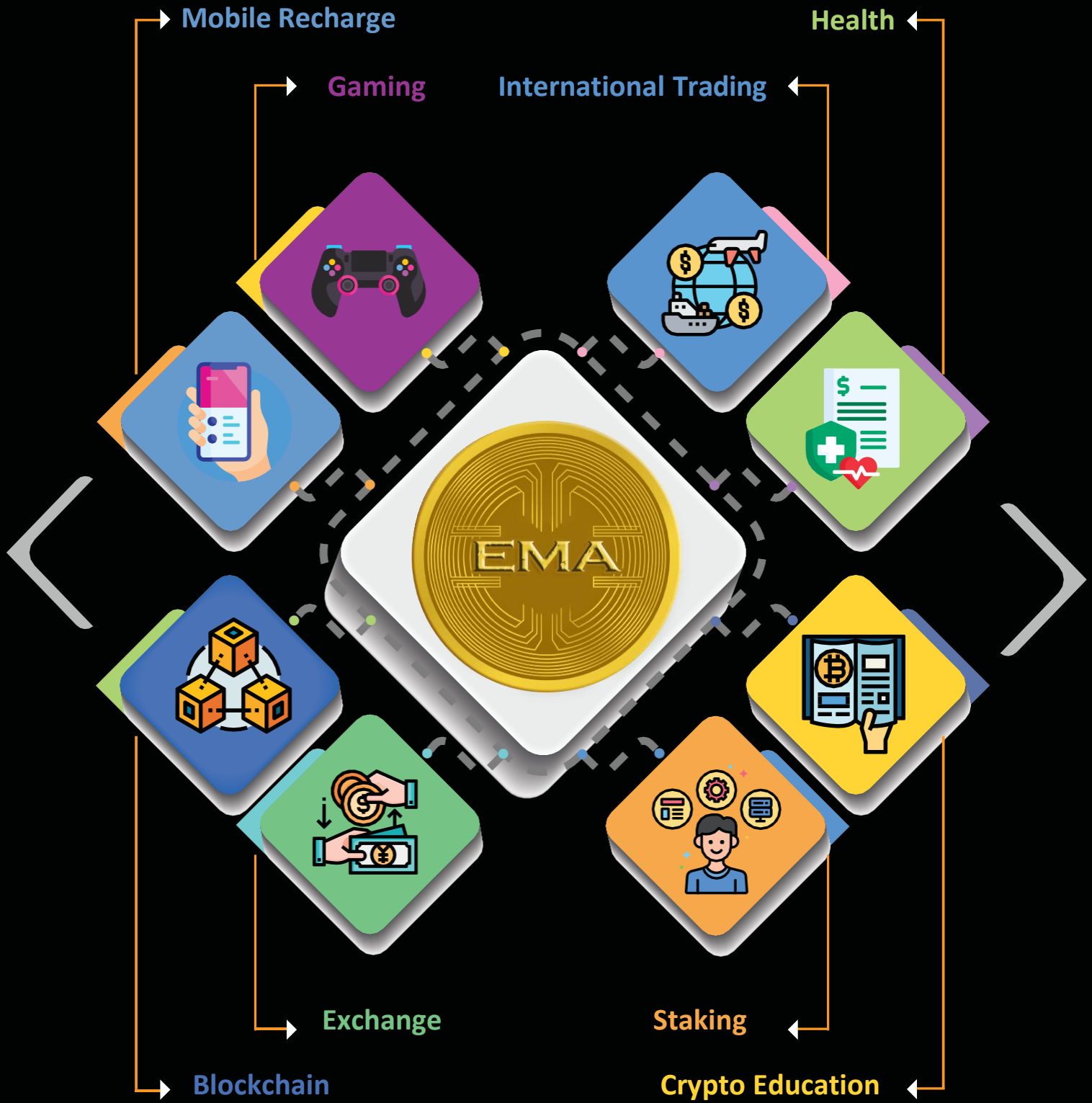
# Roadmap



# Tokenomics

Name	EMA Token
Symbol	EMA
Platform	TRON (TRC-20)
ICO Target	50,000,000
Total Supply	700,000,000

# Multiple use Case of Tokens



## Gaming

EMERIUM will be working with high-profile game developers, publishers, and IP-holders to bring their properties to the EMERIUM platform. By bringing in popular games with iconic characters and brands, EMERIUM will acquire the mainstream appeal necessary to bring blockchain gaming to the average consumer.

## Payment Services

Developers can integrate EMERIUM's platform payment services into their DApps. The goal of this functionality is to make any payment as easy as possible, comparable to the simplicity of making an in-app purchase on iOS and Android app stores. Users can make payments using cryptocurrencies in their wallet, or from their credit card, debit card, or bank account. Users will be able to easily withdraw their cryptocurrencies to fiat whenever they want.

## Cryptocurrency trading

With EMERIUM, you can trade cryptocurrencies via a EMERIUM account — a derivative product that enables you to speculate on whether your chosen cryptocurrency will rise or fall in value. Prices are quoted in traditional currencies such as the US dollar, and you never take ownership of the cryptocurrency itself.

EMERIUMs are leveraged products, which means you can open a position for just a fraction of the full value of the trade. Although leveraged products can magnify your profits, they can also magnify losses if the market moves against you.

The spread is the difference between the buy and sell prices quoted for a cryptocurrency. Like many financial markets, when you open a position on a cryptocurrency market, you'll be presented with two prices. If you want to open a long position, you trade at the buy price, which is slightly above the market price. If you want to open a short position, you trade at the selling price, which is slightly below the market price.

Cryptocurrencies are often traded in lots—batches of cryptocurrency tokens used to standardise the size of trades. As cryptocurrencies are very volatile, lots tend to be very small: most are just one unit of the base cryptocurrency. However, some cryptocurrencies are traded in bigger lots.

Leverage is the means of gaining exposure to large amounts of cryptocurrency without having to pay the full value of your trade upfront. Instead, you put down a small deposit, known as a margin. When you close a leveraged position, your profit or loss is based on the full size of the trade.

## Health

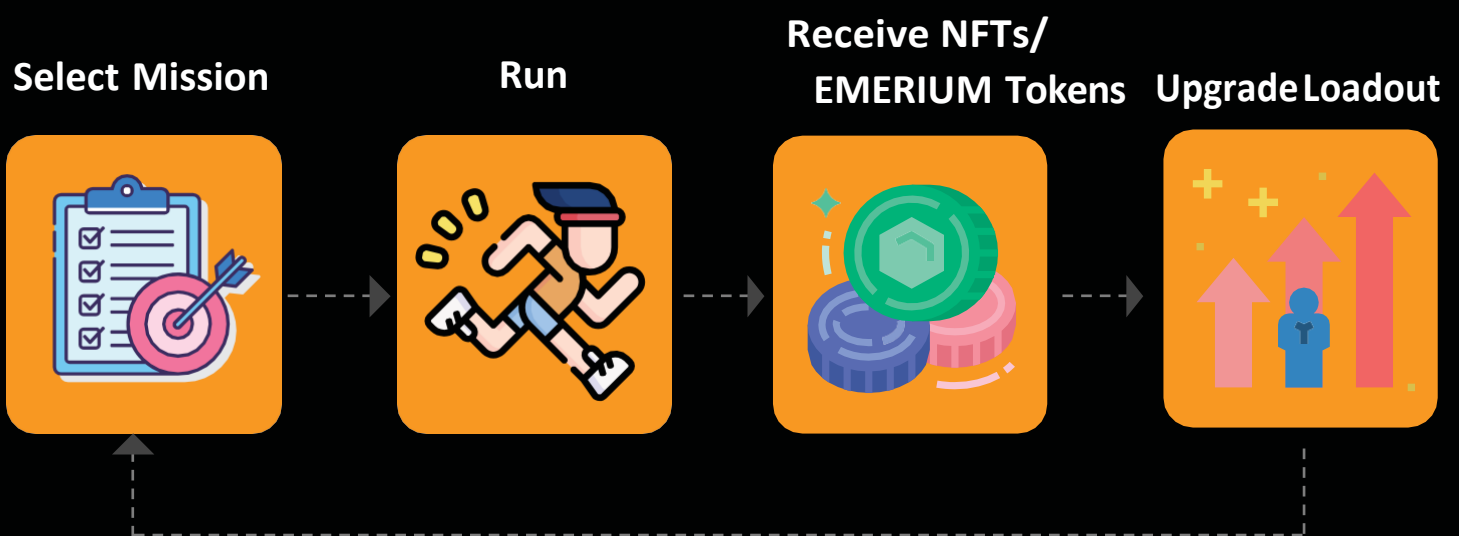
EMERIUM is the world's first Proof of Workout audio game, where going on runs in the real world progresses the narrative and gets you virtual rewards (NFTs or EMERIUM tokens) that you can use to upgrade and progress your adventure.

Built by OliveX with technology from Six to Start, EMERIUM is based on the successful Zombies, Run! game engine and online platform; best in class for delivering audio running adventures on different devices and tracking players' fitness goals and progress. Dustland Runner also leverages the strong storytelling experience that Zombies, Run! provides.

Real life assets have 4 pillars which influence their design and development:

- **Fitness First:** The core of the experience relies on a solid fitness app with metric tracking and allows the player to set their own goals. This is the basis that will allow the other game elements to be successful.
- **Immersive Narrative Mystery:** A fragmented narrative that players experience in chunks every time they play a mission. As the player unlocks more missions and meets more characters, the plot unfolds and a web of mystery is uncovered.

- Players own their progression—games like Zombies, Run! have become successful because of the community that has formed around them. We believe in growing a strong community and rewarding them for their participation in building a healthy ecosystem. Players will be rewarded with EMERIUM tokens directly for their engagement in the game, along with NFTs. Players should be free to trade, sell, give away, lend, or burn the NFTs and the EMERIUM tokens that they receive. Players who jump into the game early are especially valuable to the community and will find themselves with more opportunities to accelerate their progression.
- A free-to-play economy means players can get started in the game for free. All players start without a vehicle and can participate in the economy of the game. The core of the economy revolves around players feeling like they're scavenging loot and crafting junk into something magical (literally!). Scarcity is a big factor in the experience, but those who are dedicated enough should be able to grind their way up the ladder.



## Exchange

The cryptocurrency swap is a major feature and use case for Tron Connect and its ecosystem of apps. Our Swap enables Tron Connect users to directly swap one coin or token to another, from one blockchain to another (e.g., BTC to TRX or ETH) with high security, full privacy, and unrivalled speed.

The EMERIUM Connect Spot Exchange was designed for both beginners and advanced traders. Using the latest GRPC technology, we have built one of the most advanced cryptocurrency exchanges in the world, which is capable of providing superior security and an intuitive user experience, and is able to support 1M+ transactions per second.

## Blockchain

EMERIUM designed a unique distributed storage protocol consisting of block storage and state storage. The notion of a graph database was introduced into the design of the storage layer to better meet the need for diversified data storage in the real world.

EMERIUM blockchain storage chooses to use LevelDB, which was developed by Google and has proven successful with many companies and projects. It has high performance and supports arbitrary byte arrays as both keys and values; singular get, put, and delete; batched put and delete; bi-directional iterators; and simple compression using the very fast Snappy algorithm.

## Staking

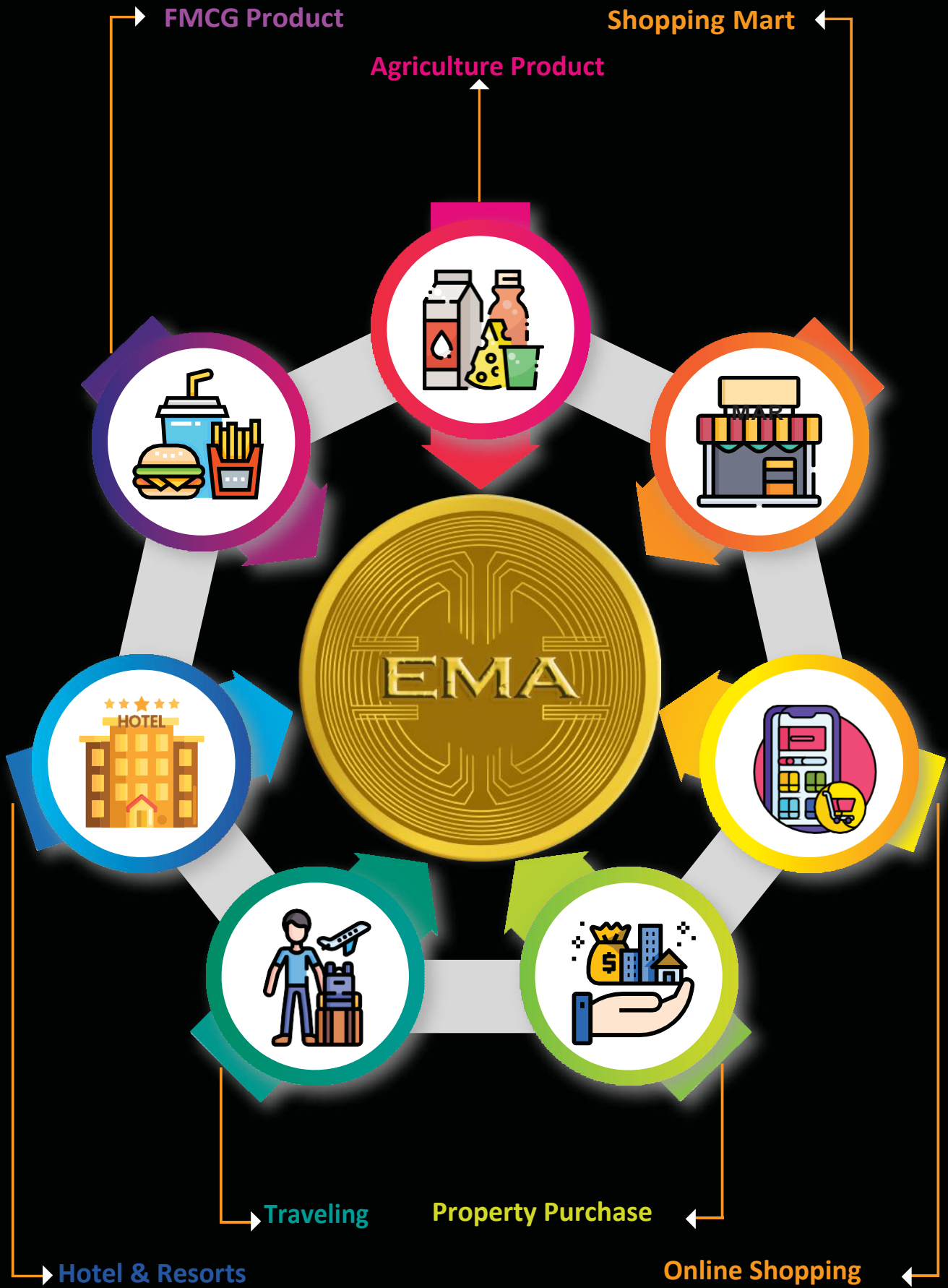
Staking serves a couple of crucial purposes. For one, it allows users to earn passive income. Mainly, it keeps the network safe. In the Real life assets ecosystem, users stake their EMERIUM at a 1:1 ratio. The more they stake, the more EMERIUM Power they earn. EMERIUM Power is vital within the EMERIUM network. For one, it's what the community uses to vote for Super Representatives. Notably, after three days, a user can choose to convert their Real life assets Power into EMERIUM.

## Education

The EMERIUM Coin creates an educational database about blockchain, tokens, tokenization, cryptocurrencies, new technologies, economics, and decentralised finance. This database will be a great tool for gaining new users and developing the whole cryptocurrency market. That will distinguish EMERIUM Coin from other crypto projects.



# Multipleuse Case of Tokens



## Agriculture Product

EMERIUM is a platform that will combine agricultural and modern blockchain technologies in the future to enable multi-dimensional growth. EMERIUM will resurrect a commercial enterprise. Farmers may develop and increase their profitability by investing in agricultural products. EMERIUM is devoted to resolving the issues confronting today's agriculture sector. EMERIUM's mission began with agriculture and continues with the food sector to ensure the overall sustainability of the world's most influential industries. Global and transparent data could positively impact agriculture and the food sector by enhancing production, supply chain, and market efficiencies. EMERIUM has produced a cryptocurrency to support its purpose; this is one of the most effective methods for creating and obtaining advantages from agricultural technology.

## Shopping Mart

EMERIUM will be an online retail service that allows business to business sales as well as business to customer, customer to customer, drop shipping and affiliate marketing. EMERIUM is designed to sell a wide variety of products and services all over the world with extremely reasonable fees compared to other options. It will be possible to pay with crypto or directly from your EMERIUM account, your own crypto wallet or your credit and debit cards. Using instant exchange, buyers can pay with crypto and the merchant will receive a fiat currency. Don't be behind your competitors, sign up for EMERIUM to become a merchant for FREE.

EMERIUM will also provide a simple solution to accept payment in various cryptocurrencies at local stores with low transaction fees and give merchants the ability to instantly convert crypto payments into fiat. Initially, payments will be possible with CTE, TRX, BTC, BCH and ETH. Other currencies will be added later, depending on demand and other factors such as active development and community support.

## Traveling

In 2020, the world is affected by COVID-19, facing unprecedented health, social and economic crises. The number of overnight international tourists has been drastically

reduced by 74% due to travel restrictions around the world, which is decreasing nearly 1 billion tourists from the previous year. However, with a crisis comes opportunity. Traveling is what people actually need. Not just about eating, drinking, playing, and having fun. There are many reasons for traveling. The travel is not only enjoyable, but also impacting on life, it can decompress and relax, and create unique memories, grow quickly and learn new knowledge. Of course, tourism is an industry that will never disappear. Although the number of international tourists has plummeted. But after the 2020 mid-season, many domestic tourism markets have continued to grow. Once the epidemic is over, the tourism industry will definitely create an unprecedented level!

## Property Purchase

EMERIUM mission in real estate is to improve the efficiency and liquidity of real estate markets by offering an investor data management portal enabling simple, fast, cost-efficient, and globally syndicated transactions in an hybrid metaverse environment.

EMERIUM strives to provide the most fluid and practical digital functionality needed for real estate investing, asset governance, automated compliance, investor management, and custodial solutions.

EMERIUM's technology offers a platform that modernizes the traditional investment process via the conversion of real estate listings into tradeable digital securities, creating a clear path to an entirely new frontier of capital in real estate; 24/7 asset liquidity through digitized ownership of "meta-listings" and direct market liquidity.

EMERIUM will give Real Estate Brokers the ability to purchase rights of blocks of land, being able to build their own digital business, collecting fees on all units sold on Emerium.

## Hotel and Resorts

Real life assets is a utility token. LCF Token holders will be able to use the tokens to pay for products and services in our Hotels & Resorts. We also aim to make

blockchain mainstream by creating tokens that are pegged to the value of Dollar, Euro, Pound, and Yen. We will acquire high quality investments at discounts to replacement cost. We will then improve the properties through hands-on management and targeted value-add initiatives. We will obtain licences from major brands such as Armani, Versace, Porsche and Bentley to brand the hotels.

## Hotel and Resorts

The Problem: Cryptocurrency as a method is very well known throughout the world. With the constant stream of news stories about Bitcoin and its volatile market price, it is difficult to avoid cryptocurrency in the normal everyday world. But how many people actually own a cryptocurrency? How many people actually use a cryptocurrency to purchase goods/services?

ICO Making reports only 8% of Americans own cryptocurrency. But spending with cryptocurrencies has not been easy for people to do. For most people the main reason to purchase a token is to treat it as an investment.

That can be a positive thing if your investment increases in value. But why would a token increase in value if no one is using it? This is a common problem for new cryptocurrencies and one that we feel has been solved with Real life assets.

The Solution: CyberTronChain has launched the EMERIUM Points Program which is built on the blockchain technology. This will allow consumers and merchants to transform how they connect with each other by providing a reward program with true value. Tracking and utilization of the EMERIUM Cashback Program is seamlessly integrated with EMERIUM's Digital Wallet & EMERIUM's Point-of-sale systems.

## FMCG Products

As we have well-experienced professionals in building blockchain applications throughout all the industry verticals, our service extends in providing a blockchain app that fulfills all your FMCG industry requirements. With our guidance and

solutions, your fast moving consumer goods and its process of sales towards your consumers can be easily tracked and can acquire feedback from your targeted consumers. We make all your business requirements real with highly confidential by providing the relevant business solution in an exact timely approach.

Our specialization compared to other offerings includes: Technically  
Stuff Professional Competency

- Well-experienced in handling Blockchain based software and apps for various industries
- Transparency in all our work progress Cent  
Percent Quality Assurance
- Innovative technological development strategies and methodologies

## Conclusion

The number of businesses accepting smart currency are quadrupling. Markets are agreeing to accept digital currency.

Early adopters of utilities and owner of this digital cash revolution are likely to reap profits galore. EMERIUM fill the missing puzzle in the blockchain ecosystem.

While some people have already made their fortunes using blockchain and cryptocurrency. Blockchain is here to stay and the need for smart tokens will exponentially multiply due to its smart utility in various smart services sector within the digital economy.

There are industries being built around smart contract blockchain technology.

In USA, today you can walk in to a Nissan Showroom and buy a Nissan Daytona using your digital coin.

It won't be long when you will be able to buy Tesla cars with TRON. More than many- local dealerships in USA are already selling luxury cars using bit coin. Welcome to the future. The auto industry is transforming. And other industries will follow.

You will have to get use to parabolic trends showing gains of 20% in 20 minutes. But you will also see downwards trends of 20% in the same hour. But both these trends are normal for a healthy smart token. Remember volatility inspires movement. Hence, we will shake & make new trends with the EMERIUM tokens, as we go along this wonderful journey. All of us severely underrated the crypto Currency market. But as the saying goes, "better late than never." Total Burnout of the EMERIUM Token is unprecedented. It's only a matter of time. Multiply your TRX with EMERIUM.



Thank  
you

