emocoin

White Paper
Vol . 1.0

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Business Definitions

Financial Institution

An enterprise or body who acts as an intermediary between consumers and capital or Debt Markets whose primary function is providing banking and investment services.

KYC/AML

Refer to 'Know Your Customers' and 'Anti-Money Laundering' policies which must be adhered by customers part taking in financial related services.

Loan

An amount which is lent from a lender to a borrower for a specified period of time, to be paid back usually along with the interest.

Business Definitions

Peer to Peer Lending

Peer to Peer lending refers to the lending which take place directly between the borrower & lender, usually through an online platform, without the need for an intermediary.

Cryptocurrency

Refer to as digital asset designed to work as a medium of exchange using cryptography for securing transactions.

Blockchain

A technology that act as a public ledger of all transaction, where each transaction is stored in a block and verified through a medium of consensus from the community.

Bitcoin

First Cryptocurrency that came into existence.
It is decentralized digital currency designed on the blockchain with encrypted codes to facilitate transfers.

Business Definitions

Tron

A decentralized blockchain platform that enables smart contracts and decentralized applications to be built on it

Smart Contract

A computer protocol intended to facilitate, verify and enforce the conditions of contract using code, deployed on the blockchain.

Lawyer Backed

Official opinion and backing on the condition of the contract for P2P lending.

Cryptography

In simple terms, cryptography is a basically sending of secure messages between two or more participants - the sender encrypts a message using key and algorithm and the receiver decrypts it to generate the original message.

Cryptocurrencies utilize cryptographic conventions or complex code frameworks that scramble information moves, to get their units of trade. Cryptography is used for securing the transactions, controlling generation of new currency units (protection from double spending) and for verification of the transfer of tokens.

What Is Cryptocurrency?

An Introduction to Crypto

Cryptocurrency is digital asset which is secured by cryptography on a network which is distributed across a large number of computers.

Like traditional monetary standards, cryptocurrencies express worth in units — for example, you can say "I have 2.5 BTC," similarly as you'd say, "I have $ 2.50." Because of their political autonomy and basically invulnerable information security, digital asset clients appreciate benefits not accessible to clients of customary fiat monetary standards, like the U.S. dollar, & the monetary frameworks that those monetary standards support.

For example, while an administration can without much of a stretch freeze or even hold onto a ledger situated in its locale, it's hard for it to do likewise with reserves held in cryptographic money — regardless of whether the holder is a resident or legitimate occupant.

Bitcoin

Bitcoin is broadly viewed as the main present day cryptocurrency. Bitcoin has the characteristics of money like durability, portability, fungibility, scarcity, divisibility and recognizability and is controlled by de-centralized network with transparent set of rules.

It was first illustrated in a 2008 white paper distributed by Satoshi Nakamoto, a pseudonymous individual or gathering.

In mid-2009, Nakamoto delivered Bitcoin to people in general, and a gathering of eager allies started trading and mining the currency. Bitcoin has limited supply of 21 Million BTC and marketcap of over $ 635 billion with over 45% market dominance.

Cryptocurrency Examples

Ethereum

Launched in July 2015, Ethereum (ETH) is the second most mainstream cryptocurrency and, on most days, the second generally significant after Bitcoin. It is an open-ended decentralized platform which enables the deployment of Smart Contracts and decentralized applications (dApps) to be build and run without any downtime, fraud, control and interference of the third party. Current market cap of Ethereum is $250 billion with over 18% dominance in the market.

TRON

TRON is decentralized platform based on blockchain that aims to build free global digital content. TRON removes the need for middlemen and allow creators to directly share their content with the consumer. All the data is secured via blockchain while allowing creators to take the entire profits.

Conclusion

Cryptocurrency is a thrilling idea with the ability to in a general sense modify worldwide money to improve things. Be that as it may, while it depends on strong, majority rule standards, cryptocurrency stays an innovative work in progress. For years to come, country states close syndication on money creation & financial approach seems secure.

Meanwhile, cryptocurrency clients (and nonusers interested by cryptocurrency's guarantee) need to remain ever-aware of the idea's functional constraints. Any cases that a specific cryptocurrency gives absolute obscurity or invulnerability from legitimate responsibility are deserving of profound incredulity, as are claims that singular cryptocurrencies address secure venture openings or swelling fences. All things considered, gold is frequently promoted as definitive swelling support, yet it's actually dependent upon wild unpredictability more so than many fostered nations' fiat monetary forms.

Cryptocurrencies are one-of-a-kind instruments in the contributing scene. They share numerous attributes of conventional monetary forms however can likewise fill in as stages for more refined monetary items.

Blockchain Technology

Blockchain is distributed ledger technology which helps growing list of records called blocks that are linked using cryptography. Each block contains cryptographic hash of the previous block, time stamp and transaction data.

Benefits of Blockchain

01 Greater Transparency

02 Increased Efficiency

03 Security

04 Improved Traceability

05 Open Source

Blockchain Technology

Features of Blockchain

- 01 Immutability
- 02 Decentralized
- 03 Distributed Ledger
- 04 No Malicious Changes
- 05 Consensus
- 06 Faster Settlements

What is Decentralization?

Decentralization is one the most used term in the crypto world. It is basically the transfer of power from a central authority to multiple local authorities.
Cryptocurrency was designed to create a decentralized system of payment, where transfers are done directly between two parties without a governed medium.
Most financial institutions in today's world are centralised; a single entity know an Banks is the backbone for all economic matters. In a decentralized platform, transactions can be carried out & validated without the need of the central body. In this system, the verification of the transaction is done through a network of computers known as nodes, where each node holds the same data & is involved in the verification process of a transaction. The economy is run on Peer to Peer System.

Benefits of Decentralization

Provides a Trustless Environment: In a decentralized blockchain network, nobody needs to know or confide in any other individual. Every part in the organization has a duplicate of precisely the same information as a dispersed record. On the off chance that a part's record is changed or undermined in any capacity, it will be dismissed by most of the individuals in the organization.

Improves Data Reconciliation: Organizations frequently trade information with their accomplices. This information, is regularly changed and put away in each gathering's information storehouses, possibly to reemerge when it should be passed downstream. Each time the information is changed, it opens up promising circumstances for information misfortune or mistaken information to enter the workstream. By having a decentralized information store, each element approaches a continuous, shared perspective on the information.

Benefits of Decentralization

Reduces Points of Weakness: Decentralization can decrease points of shortcoming in frameworks where there might be a lot of dependence on explicit entertainers. These flimsy spots could prompt foundational disappointments, including inability to give guaranteed administrations or wasteful help because of the depletion of assets, occasional blackouts, bottlenecks, absence of adequate motivators for great assistance, or defilement.

Optimizes Resource Distribution: Decentralization can likewise help streamline the circulation of assets so that guaranteed administrations are given better execution & consistency, just as a decreased probability of cataclysmic disappointment.

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Disadvantages of Decentralization
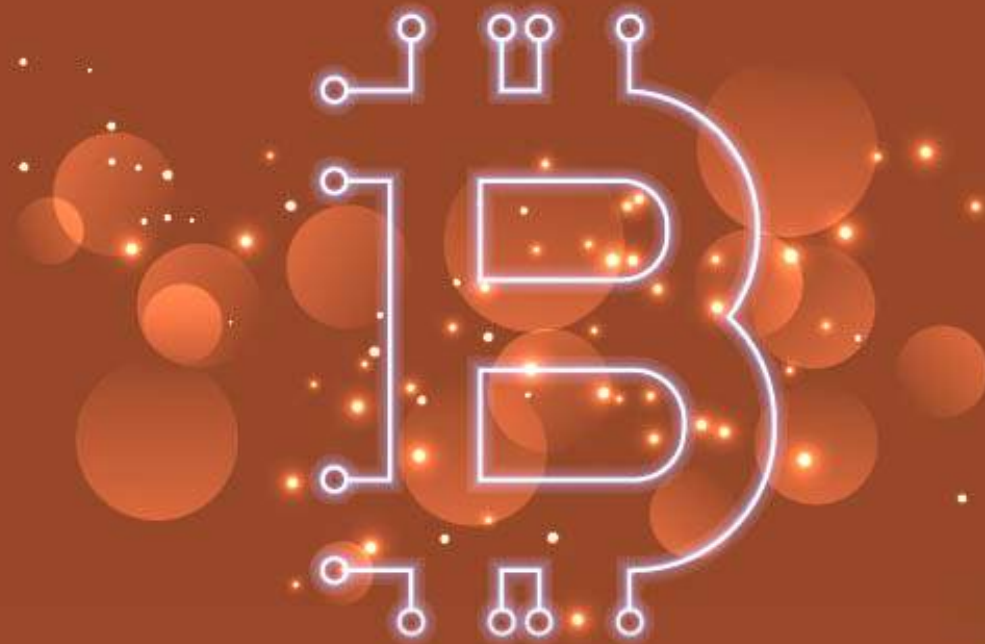
A weakness of this absence of oversight, in any case, may be that there are no administering specialists to screen transactions, offer help, or give a legitimate system.

As more monetary transactions are directed by means of decentralized business sectors, they can present difficulties for controllers and lawful authorization. In the examination, concentrated business sectors give controllers a make way for making a move, if essential, with respect to exchanges that may be suspect.

What is Decentalized Finance (DeFi)?

Decentralized finance or DeFi generally refers to the digital assets & financial smart contracts, protocols & decentralised applications (dApps) built on blockchain platforms like Ethereum, TRON, EOS, Binance Smart Chain etc. Technologies like the internet, cryptography and blockchain give us the tools to collectively build and control a financial system without the need of any central authorities.

This industry is still small as compared to the Global Economy, DeFi has seen rapid growth in 2020. In early 2019, there were only $275 millions of crypto collateral locked in the DeFi economy. By February 2020, number grows to S1 billion and since the numbers continuously increasing as around $42 billion is locked till June 2021.

Most DeFi platforms take the form of decentralised applications also known as dApps. These dApps use a series of smart contract to automate financial transactions, making them faster, more efficient & affordable as compared to central counterparts. These dApps are governed by computer code, which is inherently neutral, there is no issues of being bias.

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The most popular types of DeFi applications include:

Decentralized Exchanges (DEX): Online trades help clients trade monetary standards for different monetary forms, regardless of whether U.S. dollars for bitcoin or ether for DAI. DEXs are a hot sort of trade, which associates clients straightforwardly so they can exchange cryptocurrencies with each other without confiding in a delegate with their cash.

Stablecoins: A cryptocurrency that is attached to a resource outside of cryptocurrency (the dollar or euro, for instance) to balance out the cost.

Lending platforms: These stages utilize keen agreements to supplant delegates, for example, banks that oversee loaning in the center.

"Wrapped" bitcoins (WBTC): A method of sending bitcoin to the Ethereum network so the bitcoin can be utilized straightforwardly in Ethereum's DeFi framework. WBTCs permit clients to acquire interest on the bitcoin they loan out through the decentralized loan stages depicted previously.

In addition to these apps, new DeFi concepts have sprung up around them:

Yield farming: For educated dealers who will face challenge, there's yield cultivating, where clients filter through different DeFi tokens looking for promising circumstances for bigger returns.

Liquidity mining: At the point when DeFi applications allure clients to their foundation by giving them free tokens. This has been the buzziest type of yield cultivating yet.

Composability: DeFi applications are open source, which means the code behind them is public for anybody to see. Thusly, these applications can be utilized to "create" new applications with the code as building blocks.

Money legos: Putting the idea "composability" another way, DeFi applications resemble Legos, the toy blocks kids click together to develop structures, vehicles, etc. DeFi applications can be comparably snapped together like "cash legos" to fabricate new monetary items. Few of the most popular projects in DeFi space is Uniswap, PancakeSwap, Sushiswap, Justswap. They all are decentralised exchanges & automated market maker protocol built of different blockchain. Users can buy and sell tokens and supply liquidity in order to earn exchange fees

Problem

Scalability Problem

At the moment, Ethereum is struggling with crippling congestion. The blockchain utilizes currently over 96% making it costly to run application and use.

Like Bitcoin, the main reason for the Ethereum scalability problem is the network protocol that each node in the network has to process each transaction. Ethereum implements a slightly modified version of the Proof of Work (PoW) consensus mechanism. Every Ethereum node has to verify that the miners work is valid & keep an accurate copy of the current network state. This greatly limits the transaction processing capability. Currently, it can process 25 transactions per second.

This issue significantly limits development and usage of decentralised applications on Ethereum blockchain. The average fee paid by Ethereum users per transaction have reached new record high. As the DeFi ecosystem continues to grow the urgency for scaling solutions that can ensure network usability continues to rise.

Possible Solutions Ethereum 2.0

Ethereum 2.0 is a long planned upgrade to the Ethereum Network which promise to reduce energy consumption, allow the network to process more transactions and increase security. Ethereum 2.0 will become a Proof of Stake blockchain and introduce shard chains. It is long term solution that can bring stability to the network. This change is estimated to take from one to two years. In fact Ethereum's creator, Vitalik Buterin, admitted that the team underestimated how long the shading and proof of stake features that Ethereum 2.0 would take to develop.

Second Layer Networks

Second layer solutions aim to provide all, or most of the functionalities and security of their underlying blockchain without using it, or more accurately, using it in a different way. The idea behind second layers is that you can combine many bilateral transactions together and only settle the next exchange on the first layer periodically. This theoretically would substantially reduce the number of transaction on the first layer.

This can be helpful in short-term, as it relieves the Ethereum network of congestion, & in long-term, keeps the blockchain free of unnecessary transaction history. The concept of second layer network is not new nor it is unique to Ethereum. Bitcoin itself is having congestion and scalability issues.

Layer two solutions are complex & difficult to develop because they have a very thin line between security & convenience. Blockchain networks are safe because every single transaction is recorded on an immutable ledger, however, these solutions bypass the constraint. Another problems with second layer solutions are lack of interoperability and liquidity fragmentation. First layer solutions can interact with each other in a straight way. Such cooperation can generate synergy effect and strengthen the whole DeFi ecosystem on main blockchain.

SIDECHAIN

One route around these staying focuses, is by using a savvy contract stage that is associated with Bitcoin's blockchain through sidechain innovation. RSK is one such stage which permits you to make and run savvy contracts on top of the Bitcoin blockchain. Applications can be made which are viable with Ethereum while as yet getting a charge out of the security given by Bitcoin's blockchain.

The contrast between RSK and Ethereum, notwithstanding, is that RSK can possibly increase Bitcoin to 300 transactions per second, without expecting to forfeit decentralization and decrease extra room.

Sidechain solutions

RSK likewise offers a lot of lower charges with a similar exchange volume on the grounds that RSK squares can hold a lot a greater number of exchanges than Bitcoin obstructs because of the decreased size of its transactions.

RSK's innovation stack is especially appropriate to the improvement of decentralized monetary applications attributable to its capacity to convey a high exchange throughput. With the climb of the engineered bitcoin area clients have looked for openness to a wide range of resources without expecting to hold the hidden resource, however it's anything but a middle person step of placing tokens into 'coverings' which requires some investment and cash to measure.

As indicated by Onchain information, there are about 69,836 manufactured bitcoin tokens that are worth more than $700 million coursing on the Ethereum organization. The Wrapped Bitcoin (WBTC) convention is presently driving the engineered bitcoin development with more than 100 million in bitcoin as of now wrapped (which means it's anything but's an ERC20 IOU on Ethereum fixed 1:1 to BTC). So there is huge interest in DeFi administrations from Bitcoin holders that would now be able to exploit DeFi administrations with Bitcoin straightforwardly.
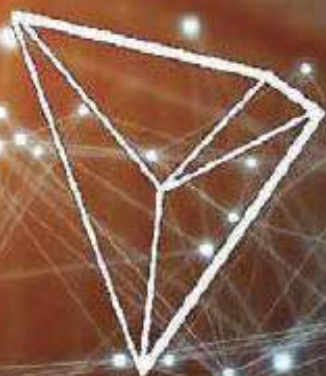
Within 6 months, TRON based USDT had grown to 12% of total coins in circulations, due to TRON's throughput as compared with Ethereum. The main technical difference TRON and Ethereum is that TRON uses a different consensus mechanism for adding and verifying transactions on its network. TRON uses Delegated Proof-of-Stake with 27 elected Super Representatives who produce blocks for the network. This consensus allows Tron to achieve 2000 transactions per seconds.

Conclusion

If we talk about Cost effectiveness we should consider two things.
- Scalability and Low Transaction Fees
- Development Costs

Ethereum was the first platform to build Smart Contracts and dApps and there are plenty of Codes for it. Any new platform to create Smart Contract could create struggle to surpass Ethereum platform due to its new tools and languages. Keeping all this in mind we believe that TRON is the most suitable platform for us to develop our token and the entire ecosystem. TRON can process upto 2000 transactions per seconds & is compatible with Ethereum. It is easier to migrate from Ethereum to TRON as compared to any other blockchain.

Emocoin(EMO)-The Future of Currency

At whatever point we consider Blockchain, we naturally partner it with the cryptocurrencies, & fundamentally bitcoin. Nonetheless, that idea is changing at a quick pace. An ever-increasing number of individuals are seeing that the decentralization that shows up with the blockchain innovation can possibly shake different enterprises. The world is unfurling new use cases for blockchain innovation consistently. You may definitely realize that farming organizations, energy organizations, and the wellbeing scene are coordinating blockchain into their tasks.

Today cryptocurrencies are growing rapidly & Emocoin aims to become the integral part of everyones daily lives. Internet has already brought a immeasurable change in the way individual handles their lives, finances and security and cryptocurrencies plays a vital roles in bringing those changes.

Emocoin(EMO)-The Future of Currency

As the community grows, everyone gets the chance to participate in the Decentralized Economies powered by Blockchain Technology and Cryptocurrency.

Emocoin will empower individuals to participate in decentralized economy enabling people & businesses to conduct trustless, anonymous & secure transactions globally. Integrated with Dynamic Development and Marketing Team, Emocoin ecosystem will allow users to have access to countless products and services that a individual requires on daily lives including Crypto Wallets, Currency Swap, Web Browser, Exchange, Staking, Loans, Payment Gateways, Retails, Entertainments, Healthcare and many more.

This Whitepaper investigates the current situation concerning the money & driving area, & how, failures and absence of straightforwardness are causing the requirement for elective measures like Emocoin.

EMOCOIN

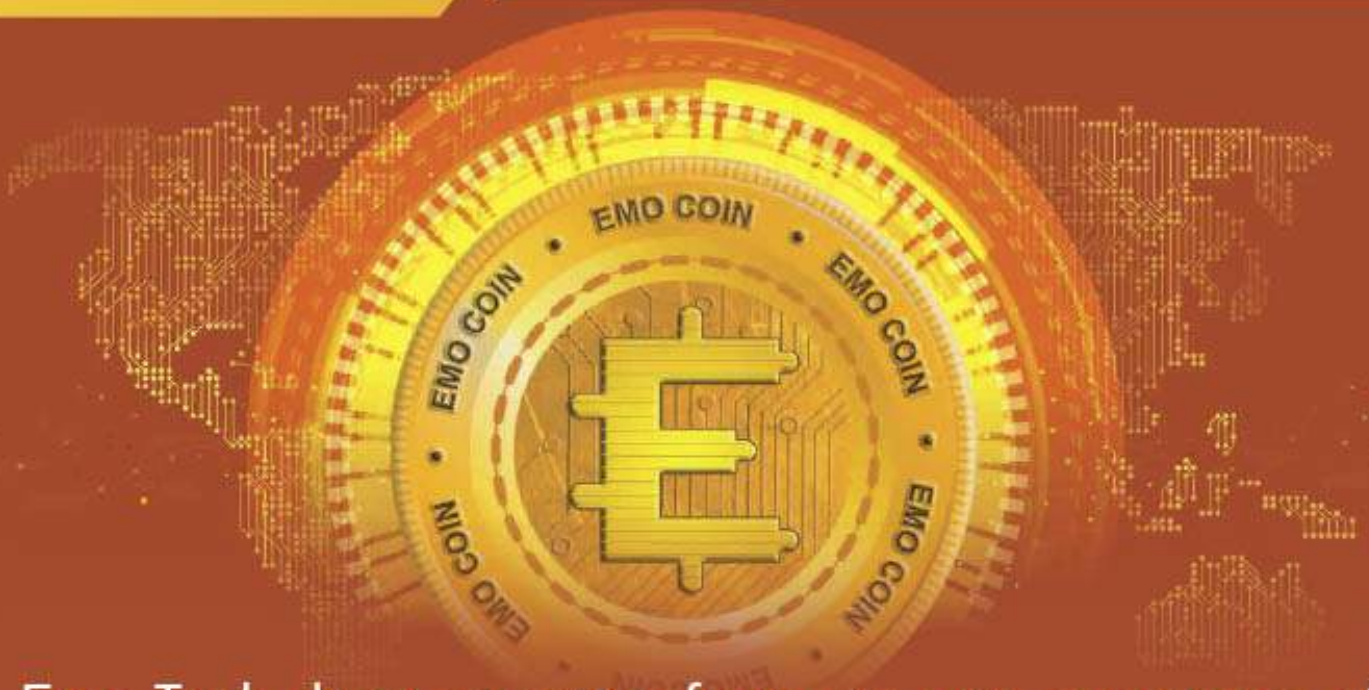## EMOCOIN is designed to solve major issues in the world today:

EMOCOIN is designed to solve major issues in the world today

1. Finance & Banking
2. User Experience in Utilizing Crypto in Daily Use
3. High Fees and Improving Transaction Speed
4. Decentralized Gaming

EMOCOIN

Emo Tech draw expertise from our own experience of many years of blockchain and software architecture development and aims to develop superior solutions and apps. We will bring simple and accessible solutions related to all the products which is essential for creating the EMO ecosystem. Products that will be result of creativity, extensive research and excellent team that has developed its skills over the decade. The result will be innovative with usability and purpose.

Each Project of EMO Tech will be funded by Emocoin using the following structure:

01 Projects will accept Emocoin in all its applications.

02 User can participate in projects by purchasing Emocoin.

03 The Development tokens will be used for the developments of the projects.

04 Projects may offer rewards to participants at various points.

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Emo Tech Ecosystem will Consists of Following Components in its Initial Phase

- EMOCoin
- EMO Bank
- EMO Swap
- EMO Pay
- EMO Games
- EMO Shop
- EMO Blockchain
- EMO Wallet
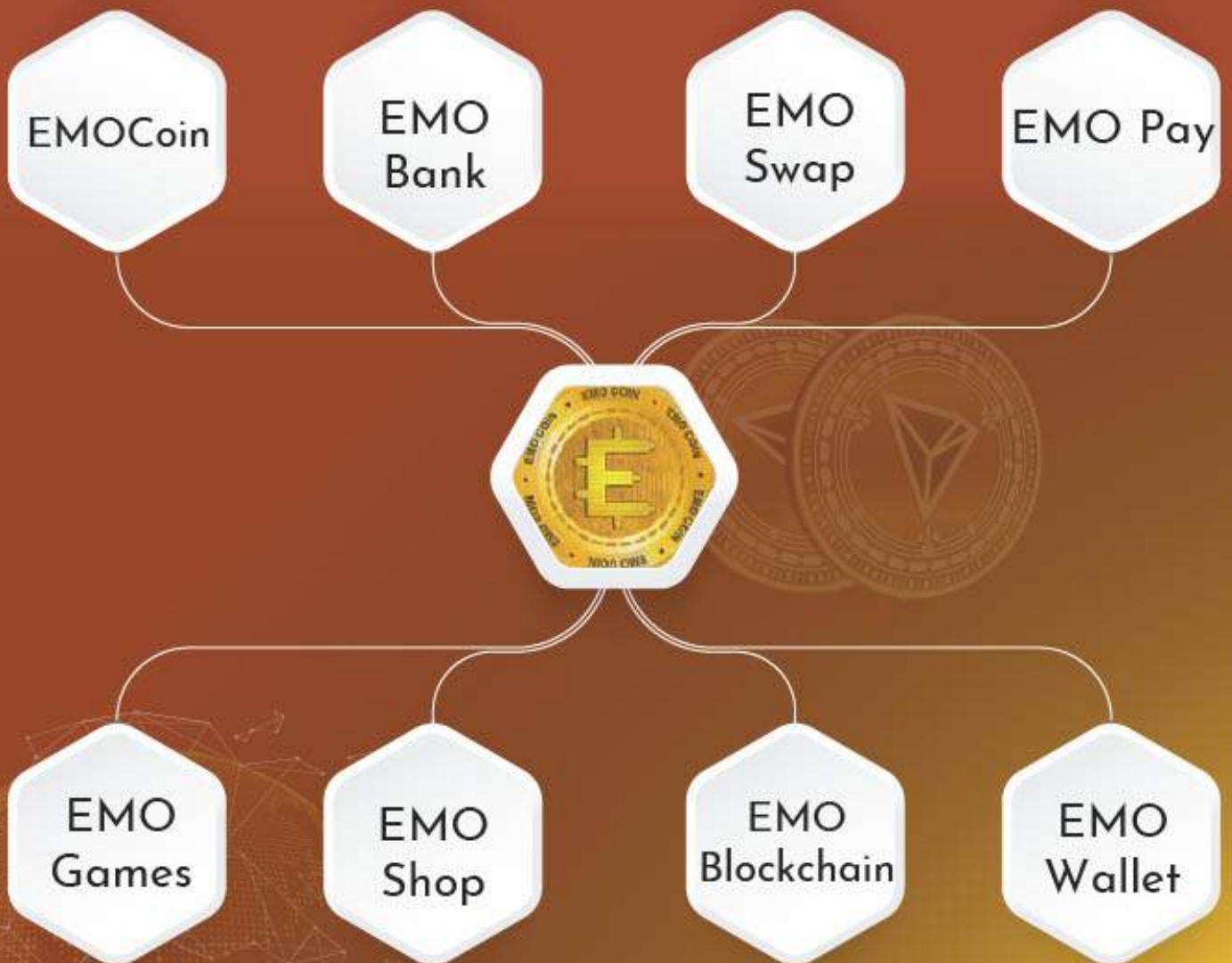
Purpose of Emocoin

We believe that bringing 100% utilization of the currency that powers all of our products and services will bring credibility, accountability, agility & freedom to our users. Emocoin will empower our community to participate in the decentralized economics and will strengthens our relationship with our community. All transactions carried out in the near future in all our portfolios will be through Emocoin, directly or indirectly. We will be working for continuous innovation and development to strengthen this link and it will help us to connect with our users and growth of the ecosystem.

Purpose of Emocoin

You can use Emocoin on our Platforms in following ways:

- Staking
- Loans
- Pay Transaction Fees
- Pay Exchange Fees

- Reduce Exchange Fees
- Peer to Peer Payments
- Gaming and Shopping
- Third Party Payment Gateways

EMOCOIN Tokenomics

Maximum Supply

21 Billion

Circulating Supply

21 Billion

Emocoin Funds Usage

20%
10%
30%
30%
10%

- Development
- Marketing
- Admin & Operations
- Legal & Accounting, Advisory
- Contingency

Supply Allocation

- Development
- Liquidity
- Marketing
- Founders & Team

20%
10%
55%
15%
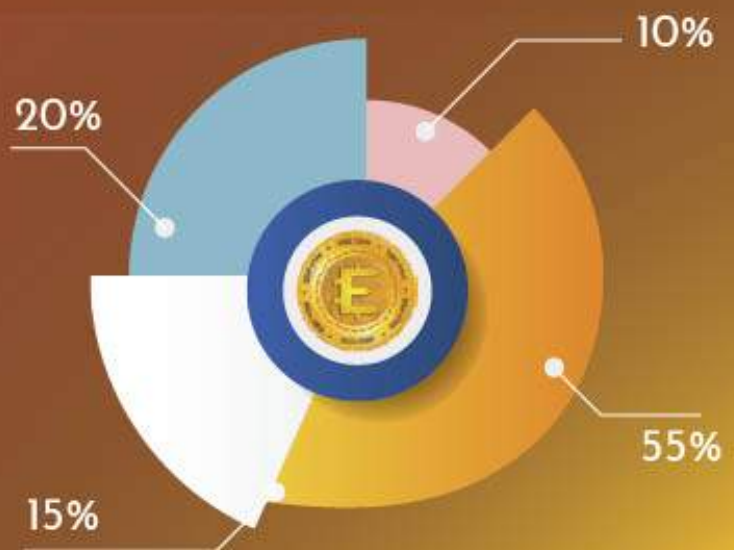
Emocoin Roadmap (1st Phase)

Mar 2021
- Creating the idea of Emocoin and its prime functionalities. Establishing how we can add value to this idea.

Apr 2021
- Building the Research & Development team to test our hypothesis & practicality of making it a reality.

May 2021
- Connecting with advisors and legal team for Structure.

June 2021
- Listing of Token on Tron Blockchain
- Starting of Refer and Earn Program on emobank.digital to build community by offering them Airdrop Tokens

September 2021
- Development of EMO Wallet
- Listing on other Decentalized Exchanges. Uniswap, Pancakeswap
- Listing on Coinmarketcap and CoinGecko

August 2021
- Finalization of Website, Whitepaper and Marketing Strategies.
- Starting of Staking Program on emobank.digital

July 2021
- Listing of Emocoin on Justswap (Decentralized Exchange)

October 2021
- Development of EMO Pay (Third Party Payment Gateway Integration API

November 2021
- Starting of Lending Platform on emobank.digital

December 2021
- Launch of Beta Version of EMO Wallet with dApp Facility

October 2022
- Launch of EMO Debit Cards

July 2022
- Launch of Decentralized Exchange

March 2022
- Launch of Decentalized Shopping Marketplace

January 2022
- Development of EMOCOIN Blockchain Starts
- Launch of Decentralized Gaming Marketplace (1st Game Launch)
- Listing of EMOCOIN of various exchanges

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EMO Bank (DeFi)

Through EMO Bank our aim is to 'bridge the gap' between those with access to finance & those without, eliminating borders, intermediaries and prejudices.

Through the creation of Emocoin we enable those with mobile internet access to reach new medium of finance, improve their access to loans, earning money through staking, fast and affordable transfers along with multi use crypto debit card system.

Target Audience for EMO Bank

01	Individuals	02	SME's
03	Companies	04	Students
05	Projects	06	Unbanked
07	Entrepreneurs		

EMO Bank (DeFi)

What do we hope to achieve?

01 Decentralized Banking.

02 Participants earning EMO's as per their staked EMO's.

03 Border Free Loans accessible to all.

04 Enable fast and secure payments

EMO Staking

Staking in Emobank is a program that includes purchasing and freezing EMO in the system for specific tenure. Participants will be remunerated by Earning EMO's according to their staking tenure. By freezing these coins, the participants becomes a part of the organisation's security framework and support in development of the project & increasing the price valuation of the currency. The freezed EMO in staking program will be utilised in giving loans to the borrowers and generating income for Lenders.

Emo Staking Remuneration

Tenure (y-axis): 0%, 6%, 6.5%, 7%, 7.5%, 8%, 8.5%, 9%, 9.5%, 10%

APY (Monthly)

03 Months   06 Months   09 Months   12 Months   15 Months   18 Months   24 Months   36 Months   60 Months

APY may change as per unexpected economic events

EMO Lending

If you have cryptocurrency lying around, why not utilise it, to make more? Lend to borrowers globally with borderless lending' Get higher returns than typical bank deposits peer to peer lending free from geographic & economic constraint.

EMO Lending platform is an online stage that permits you to loan your crypto in return for interest mutually agreed between borrowers & lenders in a 'Smart Contract'. These stages are utilized by two distinct gatherings:

> borrowers that need actual cash (for example USD, EUR) that will take credit through these stages in return for interests.
>
> loan specialists (likewise called financial backers) that have some crypto laying around and might want to produce easy revenue from it.

What Type of Loans will we Provide?

01 Project Related	02 Business
03 Personal Needs	04 Medical
05 Development	06 Car Loan
07 Student Loan	06 Bridging Loan

What we could achieve?

01 No counter party risk.

02 No need for capital reserves.

03 Easy collateral management.

04 Auto execution of terms with no third party influence.

05 Transparent, quick and easy.

The Problem

The biggest challenge in the financial sector is Lack of Trust. With banks being extra stringent in their lending procedure, time, costs and hassles of obtaining a loan are forcing consumers to marketplace lending.
The complexities of traditional banking services have become a burden, with the primary factors being;

01 High Costs

02 Complex procedures

03 Lengthy approvals process

04 Access to information

05 Storage of Personal data

06 Trustworthiness

07 Access to funds

08 Lack of Transparency

09 Strict Lending Criteria

Opportunity

It is time to listen to the consumer, appreciate their needs, empathise with their concerns & address them with 'SMART' Goals. If we use the research available to us, adopt the latest technology & combine the passion with innovation, we can create suite of service to better cater to consumer demands. By bringing the core function of finance on the blockchain we can vastly improve & future proof services, with the help of smart contract.

How EMO Lending platforms will work?

When investing via a crypto lending platform, these are the key steps of the process:

01 A borrower requests a loan to the platform (specific duration, amount)

02 The lending platforms evaluates the loan (in terms of security)

03 Once approved, the borrower stakes a certain amount of his crypto as collateral for the loan.

04 The assets of lenders deposited on the wallets of these lending platforms are used to fulfill the loan

05 Investors receive interest usually weekly or monthly based on their amount of assets

06 Once the borrower pays back his loan, he can unblock his crypto collateral

Benefits of Borrowers and Lenders

Loan against Crypto

Secured by Smart Contract

Lawyer Backed

Mutual Term

Variety of Withdrawal Option

Reliable Ecosystem

Maximize Potential

Controlled Exposure

Worldwide of unused funds

EMO Debit Cards

EMO Debit Card is enabling you to put multiple cryptocurrencies on a single debit card and use it for buying products and services offline or online shopping or ATM withdrawals in Local Currencies.

01 Easy to Use

02 Multi Currency Storage

03 Online Shopping

04 ATM withdrawal in Local Currency

05 All your assets in your pocket

EMO Debit Cards has many applications including spending, international money transfers and payment abroad, avoiding conversion charges.

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How do we add Value?

01. Automation of processes for more efficient trading, saving time, reducing costs, streamlining processes to make them user friendly.

02. Improving access to information, creating transparency and building investor confidence.

03. Digitalizing Contracts which can be customized with mutual terms, which are irreversible, immutable, auto-controlled and executed in accordance with the terms.

04. Securing of data through a distributed ledger which is stored on millions of devices reducing the risk of hack, cybercrime and internal fraud, more commonly seen in financial institutions.

05. Connecting borrowers & lenders in a peer to peer network, where trust and decisions can be made without the interference of banks and third party intermediaries and their costs.

06. Creating a more competitive market of finance so investors and borrowers can have more opportunities, due to greater credit availability and increase the potential for loans to get approved

EMO Wallets

EMO Wallet is wallet operating system that will enable developers of all platforms to run a smart and secure wallet inside their app, cloud, servers, hardware, smartphone.
We will be focusing on introducing the advanced security system to our crypto wallet. A simple sdk library that automatically extends your app to organize & protect all your secret information on your device.

On EMO Wallet app, we will be building an entire ecosystem where our users will have access to end number of products & services, which today are limited or unavailable in other wallets. User will be able to buy and sell crypto, play games, DeFi solutions, shop online, all in a seamless & secure manner with full anonymity and secured privacy.

Key Feature of EMO Wallet

01   Web SDK

02   iOS and Android SDK

03   Secure, encrypt & protect your Secret information

04   Store mnemonics, private keys, api keys, Cold wallets

05   Create and restore crypto accounts

06   Derive crypto accounts using BIP32, BIP39, BIP44

Key Feature of EMO Wallet

07 Faster Transactions

08 Option to encrypt and decrypt user data

09 Sign Transactions

10 Trigger Smart Contracts

11 Payments

12 Send and Receive Funds

13 Multi Token Staking

14 Support of Multiple Blockchain

15 P2P buy and sell

16 Web Browser

17 Decentralized Exchange

Key Feature of EMO Wallet

On EMO Wallet we will constantly exploring new kinds of services and products which can be included to increase the demand and of the growing community globally. It will help in bringing crypto friendly solutions to the consumers and will help in creating usability of the currency.

EMO Swap and Exchange

The cryptocurrency swap is a major feature and use case for EMO and its ecosystem of apps. EMO Swap allows users to directly swap one coin or token to another from one blockchain to another with high security, full privacy and speed. The aim behind the swap is to make it simpler, faster & more convenient for users to convert cryptocurrencies. The swap will be conducted by in build fully autonomous bots which continuously seek the best exchange rate & prices among the top exchanges. EMO Swap spot trading will be designed for both beginners & advanced traders. Using the latest technology, we will be building the most advanced crypto exchanges in the world, which will not only focus on security but get the best user experience too which can support approx 1.5+ transactions per second.

EMO Games (DeGa)

The opportunities provided by an open and publicly distributed ledger have caught the eye of the gaming world too. Gaming has become an integral part of the global media and entertainment market. The gaming industry now generates revenue of over $130 billion globally each year. This is more than double the global movie ($40.6 billion) and music ($17.3 billion) industries combined together. Furthermore, the growth of the online gaming industry has been seismic. As per the projections, the revenue is expected to hit $2.2 trillion by 2021.

GAMING FUTURE
IS HERE...

The gaming industry has constantly faced problems of piracy, duplication of in-game virtual assets, and unfair revenue sharing. Blockchain holds the potential to overcome these challenges by redefining the gaming industry, making creators, distributors, as well as the game players happy.

In fact, Gaming has similar traits to blockchain technology in that it is a new space that is just starting to explode, and also offers more potential in the future.

Although the gaming industry is constantly evolving and achieving continued growth, the issues faced by the industry have remained the same. The global gaming industry, estimated to exceed $143 billion in market size in 2020, continues to face problems with digital asset ownership, digital rights management (DRM), and revenue sharing, among several other issues.

EMO Games (DeGa)

The blockchain technology, with its ability to reliably manage digital ledgers and execute smart contracts, can eliminate most of these issues, which arise due to unauthorized manipulation of information and lack of transparency. Indicated by its ever-increasing penetration of the sector, blockchain is eventually redefining the gaming industry by not only changing the way games are played but also the way they are made.

The dynamics of the current online gaming industry does not have many barriers to growth. But adoption of blockchain is primarily centered towards introducing better concepts and creating a better experience for gaming enthusiasts.

Gaming Cryptocurrency

The fast vertical pattern in the gaming business is to a great extent ascribed because of pandemic. With the advancements in PC and portable gaming, there is an outstanding ascent of interest in cryptocurrency in the gaming industry. Bitcoin is perhaps the most famous crypto monetary form but there are a lot more that are not really well known. But cryptocurrencies are utilized in the gaming business since 2017 and furthermore have their own gaming market.

The first-ever crypto game was CryptoKitties. These days, there are a few games that utilize crypto monetary standards; some of the centers for the most part around Bitcoin while others utilize numerous other cryptocurrencies.

Gaming Cryptocurrency

Crypto gaming is using blockchain or computerized monetary forms in the gaming business, either for wagering or playing internet games.

Gaming coins and cryptos can change the economies of gaming and given the current development in both these advancements, they can make marvels.

A few examinations recommend, cryptocurrencies were at that point addressing more than $150 billion in incomes in 2019 worldwide & could undoubtedly surpass $180 billion by 2021.

With the market conjectures, the gaming industry is anxious to enter an area brimming with guarantees for the eventual fate of cryptocurrencies.

How Does Cryptocurrency Work in Online Gaming?

One can purchase or sell cryptocurrencies through trades from wallets. For instance, when a client needs to send cryptocurrency units to another client, he/she sends them to the computerized wallet of that client.

In internet gaming, adaptation techniques received are in-application buys, in-application publicising, and associate or reference showcasing.

In-application buys permit players to purchase something straightforwardly in the game, like coins, additional lives, & custom characters. In online bitcoin games, players purchase things utilizing crypto or purchasing crypto itself.

In-application publicising in internet games is available as remunerated advertisements, in which players need to finish explicit jobs, watch video promotions, and fill studies to acquire cryptocurrencies.

Member advertising is new to the market, wherein players need to click subsidiary connections & pennants to allude a companion, procure rewards, pursue a free offer. These days, there are online Bitcoin gambling clubs that have received installments in cryptocurrencies, where players can play or exchange computerized resources.

Restricted and Centralized

Digital assets and currencies are usually restricted to a single game and not exchangeable. Trading digital assets outside of the game environment is cumbersome and difficult. In case a player gets banned, they can lose all of their items and currency.

Payment Fraud

There are 7.5 virtual items lost to fraud for every legitimate virtual purchase made. Also the assets stored & managed virtually are open for manipulation. Eventually owners have to deal with extra burdens.

High Fees and Slow Transactions

Game publishers & communities depend on third-party platforms to process virtual assets transactions. Players encounter slowness and high transaction fees.

Lack of True Ownership & Value

Digital assets are, in-essence, licensed to the gamer & are often only available for use on their proprietary platforms. At times they can be easily manipulated, lost, or taken back with very little recourse for the user. Genuine transparency is missing.

Lack of gamification value

Users do not get rewarded in real world value for their participation or contribution. Value based gamification features are missing in content management systems and forums.

Decentralized platform where players can play, earn tokens and incentivise themselves by using tokens across blockchain platforms. Further tokens can be traded outside the gaming world and make real life currency. Basically an open marketplace for al hardware providers, gamers and other participants.

Through the use of decentralized system & non-fungible tokens, players should be able to create digital virtual assets like characters, vehicles, weapons, and other manifestations. They should be able to own such assets for lifetime, not just until the life of a game.

EmoCoin will develop tools that enable game publishers, game servers, and communities to manage virtual assets & in-game items across multiple platforms. Monetization using EmoCoin will be a main focus with robust features and toolsets provided.

Key is that players will be able to incentivise themselves by using the tokens, they have earned during a game, outside the gaming world. It will allow gamers to play, buy or sell any product or services with EMC Coin on a global scale on any EMO supported platform. Great benefits will be achieved by utilizing a decentralized platform and the supporting frameworks of EmoCoin.

DECENTRALISED GLOBAL GAMING MARKETPLACE

Emo Games will Launch its Own Games:

01. **Crypto Millionaire**

02. **Slots and Casino**

And Emo Games will also be inviting developers to develop their games on our platform.

BENEFITS FOR GAME DEVELOPERS / PUBLISHERS

Emo Games will be dedicated in giving platform to millions of Developers to Join and bring Ideas & giving life to their projects on our blockchain technology.

01 Easily setup a site and mobile community with full virtual assets integration.

02 Create & manage virtual assets programmatically or via an app.

03 To trade games and add-ons directly to players.

04 Eliminate middle-agents like distributors, banks and other financial institutions.

05 Transparency in transactions with minimal fees.

06 More secured platforms with lesser chances of frauds, chargebacks, or cancellations.

BENEFITS FOR GAMERS

01. Gives platform to earn money from games and start earning while playing.

02. Allow anyone to play, buy and sell any product or services with EMO coin on a global Scale.

03. Allow native ownership & easy payment transfers.

04. Safe and secure, peer to peer transactions with negligible fees, eliminating online theft.

05. Buy & sell game items with no risk of fraud.

06. Use EMO's and social network to find and trade game items.

07. Earn EMO coins playing in communities & posting on forums.

08. Buy in-game items on marketplace games.

09. Convert custom virtual assets directly back to EMO Coins and retain the inherent value.

10. Earn coins by participating thousands of game servers and games that support EMO.

We believe gaming will be the biggest catalyst for blockchain adoption and EMO is one of the pioneers of blockchain gaming technology.

The promising intersection of blockchain technology, cryptocurrencies and gaming provides an opportunity for developers, gamers, and supporters to properly monetize and participate in the gaming community. The open source development, economic framework and experience to help developers break new grounds.

EMO Shop

Emocoin will be continuously working on creating ecosystem for its users to give Value of their Money. Main focus for creating an ecosystem would be:

Education

Charity

E-Commerce

Travel

Real Estate

Healthcare

Online Service

Movies

EMO Blockchain

01 A cryptocurrency for next century. A new blockchain for all sets of digital assets and decentralized applications.

02 A blockchain for stable fiat digital currencies backed by EMO, Bitcoin and USDT.

03 A blockchain with high scalability, high throughput and extremely low fees in terms of transfers and while trigger of smart contracts.

04 EMO blockchain builds on top of Tendermint Byzantine Fault Tolerant (BFT) consensus and the Cosmos SDK.

EMO Blockchain

Key Features of EMO Blockchain

01 **High Throughput**

High throughput is achieved by improving Transactions per second (TPS), resulting in instant transfers.

02 **High Scalability**

Applications are given wider variety of ways to be deployed due to it scalability and highly effective smart Contracts. It can support huge numbers of Users.

03 **Low Transaction Fees**

Emocoin will be working on reducing the transaction fees in order to make it more pocket friendly.

04 **Safe and Secure**

Emocoin encrypts private keys and transaction data and provides safe and secure ecosystem with true ownership and value.

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Emocoin

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Go to Market Strategy

Emocoin advisors will develop a strong market through our efforts to educate people about blockchain, cryptocurrency, smart contract and Emocoin. There is lot of uncertainty and hence our stride would be to help consumers and investors to realise the need of change, the solutions available and why we should not fear being outside our comfort zone.

Our focus has been online tutorials to broaden awareness and interest regarding blockchain technology which can simply tasks in our daily lives. This gave us a solid foundation to relate how blockchain technology and smart contract could be used to bring transparency, greater accessibility and competitiveness in the finance industry. The advantages that can be achieved through Emocoin are relatable, honest and in demand. So, its our goal to make our vision a reality.

Go to Market Strategy

EMO Bank staking program provides a medium for us to get into the market in the most efficient way. Our target is to go into full scale development, recruit the best analyst and implement highest security standards. Our Road map is long term, we have released the first phase currently, our team is committed and business model is 'SMART'; Specific, Measurable, Achievable, Realistic and Timebound.

Conclusion

To Summarise, we have identified the core challenges being faced by the finance sector and through the adoption of crypto based solutions on the blockchain using smart contracts we can achieve widespread success. We focus of empowering individuals to participate in decentralized economy enabling people & businesses to conduct trustless, anonymous & secure transactions globally. We focus on making Emocoin every individuals need by creating an entire ecosystem around the Emocoin so that the currency could be utilised in their daily lives.

The future is world of endless opportunities & technology is changing drastically & allowing us to build innovative developments which were unimaginable in the past. This development of the project is relevant as it is connected to the needs and desires of our community. We believe that technologies that are under development will enable evolution in our relationship in long run.

Risk

There is risk involved in every innovation. There can be mistakes and we should be prepared to learning from these mistakes. In cryptocurrency and blockchain industry, there might be several risks involved while building applications. EMO Tech Team have the skills, experience, teamwork, vision & leaders to face upcoming challenges and overcoming the risk factor.

Disclaimer

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Thank You!