WHITEPAPER

Renaissance
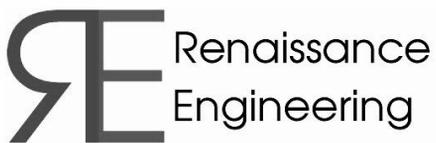Engineering

www.renaissancetoken.io

Abstract

Renaissance Engineering is a construction blockchain company focusing on investors financal profitables and getting better life places while investing. Traditional construction firms have moved away from present-day technologies and profitability rates have remained in the distant state .Blockchain and smart contract's trancparency will solve this stability problems and give the right of way to construction sector for to be more growing rates and effective solutions for people of world.

Introduction

Open blockchains are the future of humanity and it's high time to start using them in real life beyond simple money transfer applications. "Sasha Ivanov,Ceo Waves & Vostok".

The real estate market always attracted investors. In the conditions of permament world-population growth and rapid economic development, The real estate market possesses boundless possibilities for its extension and it means that even more persons will invest their savings in this assets. Such money investment has lots of advantages. For example, the real estate market has low-level volatility compared with other possible investments. Renaissance Engineering company combined that both invest real estate and Renaissance Engineering Company's profit share via waves blockchain to create more success investment.

Our company propose to focus on other uses of investors token usage – those which are often overlooked in favor of the low-level opportunities which blockchain technology might provide, such as smart contracts. There is very strong untapped potential in a classical colored coins approach and the Renaissance Engineering is designed to realize this to its fullest Extent- fixed with engineering solutions.

Smart contracts, being a natural development of Bitcoin scripting are inevitable and will be one of the cornerstones of blockchain technology. Using this trancparency trade system we will build real estate market's DEX on waves blockchain. So waves's user friendly Turing smart contracts will be gamechanger for construction market.

The decentralized blockchain system will allow to control the proccess of building much better and will decrease the transaction costs of shared participation in investment. We believe that Renaissance Engineering Token will change a view on blockchain in shpere of investment in the primary real estate. Our introducted technologies will let behave differently both to building and to the investments in it.

In the following sections we will describe the technical motivation for Renaissance Engineering Token features and illustrate them with use cases. RE company intend to determine the most "production-ready" aspects of current blockchain technology and apply them to the real-world construction progress.

Renaissance engineering tokens and their usage

Technical view about Blockchain

Blockchain technology is the technology known mostly in connection with the cryptocurrency Bitcoin.

In our opinion, the nature of transactions in collaborative building designs as well as legal consequences in case of desing failures constitute an optimal use case for the application of blockchain technology. Due to requirements importance the control over individual data and privacy over individual/all parts of the resulting models it fits well to the description of a mixed blockchain.

In addition to cryptocurrencies blockchain has been used in several industries. Among the most interesting applications working on a new set of protocols defined by blockchain 2.0 are "smart contracts". The process of blockchain and the construction industry would scald down to approximately this steps: project modeling, smart contracts, inspection, and delivery. The first step in creating a project is modeling. Project modeling would show what the final project will look like, and it sets forth a clear path of what needs to be accomplished. Once this is complete, the smart contracts could be drawn up. And other phases compete the puzzle.

Bitcoin is about billions of transactions between millions of users. Building information blockchain is about hundreds of transactions between dozens of users up to a couple of gigabytes each. Building information can be copied into the blockchain. Blockchain is copied across workstations of participants. An operating system plugin presents it very much like a shared dropbox record, the exception being that all versions of all files are preserved and that a available "last" version of every file is maintained. Trading systems that done approximately this exis the main problem of the chained scenario is that the size of the blockchain would soon grow very very large and would exceed the capacity of individual workstations much like the entire Bitcoin does.

The solution would be to distribute the blockchain across a few critical partners in the project but to offer just a wallet to the clients on the workstations. It would appear to the host that a file is regional while in fact it would be pulled from the blockchain and cached regionally if and when needed. At least one project partner would need to host the blockchain and every project partner that would want to have it could have it.

Use cases

The project wallet would be created and individual blocks would be linked with payments to each step of the project model. This helps create the budget. It also helps with accountability. Funds are technically available since the money has been set aside for each step. This provides assurances for anyone working on the project that they will be paid. Or who wanna invest or be included the project.

Once contractors complete the steps needed, they have to present for evaluation. An inspector would inspect the work, as they do currently, and approve or deny the work. If the work has been approved funding would be released, and people would be paid. In other way, it helps cautiously draw up any and all responsibilities. Since payments to contractors would be dependent upon the phases, It would help establish liability and prove who needs to be paid. This stages improve the efficiency.

Subcontractors or contractors would draw up a similar process for materials slowly releasing funds. The first installment would be for the receipt and agreement on supplies. Another payment could be made when the supplies are done. Doing final payment when the supplies make it to the site in working order. This kind of processes will be more fast than traditional methods using chain system.

Blockchain and the construction industry is a natural pairing since there are clear deliverables. By spreading the data out to several companies and computers, it makes all payments clear and helps hold different parties accountable and costumers. It also can create protected (identifications) which would help many subcontractors win more work. while block-chaining is new, it's showing real progress, and newer iterations require less energy and are less intensive while keeping the same level of safety. It won't be long until it's used not just in construction, but healthcare, all finance, and more. This what we aimed to do.

Roadmap

2018 Q3

- Foundation of Renaissance Enginnering
- Development RE token & business model
- Writing whitepaper and website launch
- Partnership with Waves Platform for ICO sale buy walls format
- Pre marketing & advertising for ICO
- Presale/Ico/Public sale launch
- Airdrops for early investors
- 1m soft cap & 5m hard cap targets

2018 Q4

- Start of monthly airdrop (%4)
- Searching suitable land for building and draw architectural /static projects
- Launching new website and implantation online project service for customer via website
- Start of first building project
- Expand team with technical staff
- Foundation of International Donation Fund for Children by RE Company
- Adding services worldwide online restoration, interior architecture design,and smart house

2019

- Finishing first Project and announcement of the profit amount for RE token holders
- Building of woldwide real estate website, House selling integrated with RE token from this website discounted prices
- Waves Smart contract integration for buy and sell house from Renaissance Engineering real-estate website
- Searching suitable/profitable worlwide major construction deals(airport,dam,hotel,luxury villas)

2020

- Start of residence Project
- Established projects details and estimated finish time for profit distribution
- IOS and Android apps released
- Mobile One click Project draw,house sell,and buy online
- Partnerships with global real estate agencies for use our token for sales with waves smart contracts
- Permanent income creation with buying hotel(monthly profit share to holders)
- Creation of World first house sell & buy DEX with crypto assets

Renaissance Engineering

Additional RE TOKEN features

All this information's light we will be improve our bussiness fundamentals and waves ecosystem which we are belong to. Our holders will be rewarded %30 percentages from our company's profit per project. Holders get monthly %4 first year,%2 second year airdrop.

This airdrop rewards are important for long term & early investors because they can increase amount of token hold so profitable rate keep moving up. Our Real estate attempts like DEX, website and partnerships around the world Global scale. Some of the our RE token benefits.

About waves

WAVES is a decentralized blockchain platform focusing on custom blockchain tokens operations. National currencies transfer is maintained on the waves blockchain through compliant gateway operators.Platform help us for the solutions for storing, trading, managing and distributing our digital assets RE token, easily and securely on the built-in decentralised exchange (DEX) via low transaction fees.

Conclusion

Just a few years ago it would have been unthinkable to postulate that perhaps, thanks to the combination of construction & Blockchain and smart contracts, construction contracts could one day exist – at least in part – within a software model whose information is stored on a completely secure and unalterable information ledger, and whose provisions self-execute. Such is the pace of technological development. It is clear, however, is that construction industry stakeholders (including their lawyers) need to think about these issues and together develop the best possible tools and processes to address them with our Renaissance Engineering Token Holders will lead the way.

References

https://wavesplatform.com/files/images/whitepaper_v0.pdf

http://www.blockchainresearchnetwork.org

https://medium.com/@wavesplatform

https://medium.com/waves-lab

https://medium.com/@emergentlogic

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