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ACRE Litepaper v1.0

Abstract

Many major business sectors are presently exploring blockchain and DeFi use cases in their ecosystems to address recurrent industry problems. The decentralized, immutable, and transparent nature of blockchain makes it the perfect technology setup to disrupt existing centralized business models, not only across the financial landscape but within other industries such as healthcare, government operations, real estate, supply chain, logistics, and many other verticals. Despite the rapid evolution of non-fungible tokens (NFTs) within the past year, projects and collections that do not seek to evolve, risk completely dying out in the near term if providers are not one step ahead of the market. There is a massive untapped NFT market that must move beyond the digital collectibles approach to build greater utility into NFTs at every stage, and ultimately drive more value for users. While many companies have piled into the NFT market after coming to the realization that community is also a form of utility and value, the results have been unpredictable: game-changing for some projects, horrible for others, with no clear recipe for repeatable success. “NFT 1.0” was built on FOMO (fear of missing out), scarcity, and price appreciation. “NFT 2.0” is set to be about utility, value, and innovation.

Enter, ACRE: Art, Collectibles, Real Estate, Experiences.

What is ACRE?

ACRE is a decentralized ecosystem for NFTs (non-fungible tokens) which provides a unique platform (marketplace) combined with its own protocol (DeFi) that brings never before seen utility into the NFT space by bridging traditional real world asset classes with DeFi and NFTs, unlocking their true potential. Users can trade various unique NFT projects that hold intrinsic value backed by real world assets that offer unique benefits to NFT holders, while network participants who help validate the protocol are rewarded through an intelligent revenue redistribution model powered by the assets within the ecosystem.

ACRE is a self-regulating and self-governing decentralized platform that creates real world value for all users.

ACRE is the multi-layered NFT network solution poised to create a paradigm shift in the NFT space, while opening a new avenue to crypto mass adoption, by linking traditional business asset classes with digital markets



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How does ACRE work?

ACRE has developed a unique smart contract based mechanism that links real-world business onto the blockchain using DeFi and collateralized tokenization. This mechanism provides fundamental asset value to our NFTs as well as making real world businesses more profitable.

By acting as a bridge to the digital market, ACRE gives holders the opportunity to invest in unique, early stage projects, while enabling massive cost reductions for traditional real world businesses.

As developers submit projects, users have the opportunity to join the ACRE DAO, which validates and controls various functions within the network. Generated revenue is provided to DAO members as a reward for their participation work. Onboarded projects benefit from the protocol as well, in addition to the cost savings and exposure attained to the NFT and cryptocurrency market.

Since liquidity is locked in the protocol, this ensures that holders are protected from rug pulls and scams. DAO members vote on which projects can be onboarded. Bad actors will be severely punished, which means they risk forfeiture and having their reputation ruined, therefore they will not seek to enter the network in the first place. This gives NFT and token holders peace of mind, knowing that they are protected from force majeure.

Governance and Utility Token

For the first time, decentralized governance will come to a digital NFT platform. ACRE token will function as the native digital currency of the network, as well as the gateway to governance (DAO) and rewards.

ACRE token will also have its own set of unique features and benefits that correlate directly with the ACRE ecosystem suite of products and services; such as our NFT marketplace, launchpad, and lending platform. The ability to share in platform revenue, earn rewards, access exclusive experiences and cost savings benefits are just some of the initial use cases for the token. As more projects launch, additional use cases can be added, expanding growth and utility.

As more projects enter, platform revenue and reward pools increase, thus making the token more desirable, creating value appreciation which benefits token holders. This also means that the NFT projects which are launched on ACRE become inherently more desirable, benefitting NFT holders.



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Marketplace

ACRE's NFT marketplace will be the world's first decentralized asset-backed NFT exchange.

As a robust, new platform with built in DeFi functionality directly connected to our protocol and ecosystem, it improves on many current marketplace pitfalls, adds liquidity to asset/utility exchange, links real world assets on-chain, is backed by a treasury governed by ACRE DAO that protects buyers of NFTs, implements user profile ratings to prevent bad actors from flourishing, while also eliminating unnecessary costs and fees. ensuring ownership authenticity, liquidity provision and monetization of underlying non-fungible assets. Finally, it will reward and benefit all users who participate in our decentralized network.

ACRE's Marketplace will be one of the most unique NFT marketplaces ever created, as no other marketplace like it currently exists in the space.

Network Protection

As many of the most seasoned cryptocurrency investors know, there are an endless amount of scams being presented as legitimate projects with rug pulls occurring essentially all the time as well as constant hacking within the industry. In order to provide protection of the project and its constituents, ACRE will have a DeFi insurance mechanism implemented to have coverage against many common phenomena such as exchange hacks, attacks on DeFi protocols, smart contract failures, stable coin price crashes, etc. Generally speaking, DeFi insurance claims are verified through a Decentralized Autonomous Organization (DAO) structure in which community governance decides to honor a claim, however, some claims can also be verified automatically using oracles. Oracles are decentralized information mechanisms that accurately verify external data which enables tracking for the outcome of certain events. This layer is another characteristic of the ACRE ecosystem that sets the project apart from most others.



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Foundation

A percentage of the capital raised from ACRE's token sale and some of the future NFT sales will be used to bootstrap a Non-Governmental Organization (NGO) called The Novae Foundation. The goal of this foundation is to support charitable causes and events, along with helping to facilitate blockchain education. ACRE aims to partner with major colleges and universities in order to create and provide resources in order to build the foundation for a more knowledgeable public so that we may move closer to blockchain literacy and mainstream adoption. This will provide more confidence in the industry and solidify progression in an upward trajectory. We will also aim to subsidize specific projects that promote positive change. The charitable causes may be community driven, allowing participants to have a direct impact on making positive changes within their own communities that they live and work in. The ACRE project team firmly believes that we have a duty to aggregate improvement in society. Therefore by doing this, benevolence and passion are bestowed within our work. A better future for our community means a better future for other communities as well.

Project Highlights

- ACRE is a self-regulating and self-governing decentralized platform that creates real world value for all users
- The purpose of ACRE NFT ecosystem is to improve the efficiency of business operations through the power of smart contracts, tokenization and unique investment opportunity through the natural power of the market, as well as efficiently distributing user incentive through desired resources, while preventing exploitation. The idea of decentralization is to promote democracy in development, which leads to the most virtuous outcome
- ACRE implements this philosophy as the foundation of its ecosystem backing the NFTs with real world value, providing upside while limiting downside risk; thus, breaking down barriers within the real world market
- ACRE is spearheading the revolution in NFT utility and "Making what is possible" for the future of NFTs



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Conclusion

The invention of ACRE represents a vision towards futuristic living and social benevolence. It grants the world the possibility of achieving maximum societal benefit even under a capitalistic framework of thinking through a true laissez-faire market made possible by blockchain technology. The project aims to give opportunities to a generation with limited resources so that they may build their own network of intrinsic value with confidence. Most likely, our impact will expropriate the unnecessarily centralized power in asset classes and allow the realization of actual possessions. Possessions that are not limited to a screen or the digital realm, but one that breaks into the real-world. While others are looking to exclusively expand the metaverse, the ACRE Project is unique in that it also provides premium experiences in reality, while also retaining the ability to transcend and expand into the metaverse realm in the near term future, allowing limitless possibilities.

“The network is robust in its unstructured simplicity.” – Satoshi Nakamoto

The ACRE Project pursues a goal of acting as the first stone tossed to create a thousand ripples leading to waves of economic innovation, provoking the recognition of the transformation into trustless exchanges, the acceptance of sustainable technology without human interventions, furthermore creating an eternal rational marketplace built on self-regulating applications. Our novel business model and overall structure is developed with technical complexity, but is uncomplicated in its operation.

The existence of blockchain is to tamper with the intolerable dysfunctions in the current system, to promptly terminate inevitable market pitfalls, and to open the almost unbreachable window of creativity for future applications. Essentially, this enables society to realize a simpler, more efficient world that blockchain can offer. Bitcoin was the first to offer blockchain technology. Ethereum was the first to offer smart contracts to blockchain. ACRE is the first to offer real-world assets and commodities and digitize them for a means of global exchange to the blockchain community within a robust ecosystem. ACRE is the next major byproduct of blockchain technologies and will change the way the world does business.



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