

LandDAO Executive Summary

General Real-World Asset Market

According to a study conducted by Binance in July 2023 "[Real-World Assets - State of the Market](#)", the tokenized asset market is estimated to reach \$16 trillion by 2030, a significant increase from \$310 billion as of 2022. Real estate, bonds, gold, stock equities and exchange traded funds (ETFs) account for the biggest contribution to on-chain asset tokenization through blockchain. The growth of the RWA market is evidenced by the total value locked (TVL) on [DeFiLama](#), which grew from \$770 million in July 2023 to \$5.472 billion in December 2023, which equates to a remarkable growth rate of 730% making it one of the fastest growing category in the blockchain space.

The biggest RWA project as of April 2024 is ONDO Finance with a market cap of \$1.6 billion. It offers on-chain access to traditional stock market financial products (TradFi) such as exchange-traded funds from BlackRock and Vanguard that invest in high-grade US Treasuries. Ondo makes such products tradeable 24/7 and grants access to global investors that have barriers accessing TradFi products. The latest biggest entrant into the RWA market is BlackRock's BUIDL fund, which attracted \$240 million of investments in its first week of operation. Other interesting general purpose RWA projects are Tokenfi, Polytrade and Polymesh.

Real Estate RWA Market

The global real estate market is expected to reach \$637.80 trillion by the end of the year 2024. The real estate industry, hindered by legal regulations and operational inefficiencies, has remained relatively unimpacted by the digital revolution over the past decades. However, with the advent of real world asset tokenization, it has become a focal point of innovation in a new product category called "Real Estate RWA". Several interesting Real Estate RWA projects have emerged in the past two years such as Blocksquare, Rex Protocol, Propy, RealT, CitaDAO and CityDAO. Propy is a real estate platform that uses blockchain smart contracts to execute secure and transparent real estate sale transactions. Blocksquare and Rex Protocol both offer a tokenization infrastructure for turning real estate into tradeable fungible tokens.

Most of the existing Real Estate RWA are focused on tokenizing residential house and commercial properties for sale or fractional investment, with only CityDAO focused on land sales.

LandDAO is a decentralized autonomous organization focused on using blockchain technology to tokenize physical (real) land into a fungible token and making it tradeable for land buyers and sellers.

Introducing LandDAO

As a Real Estate RWA project, LandDAO raises funds from DAO members which are pooled together to purchase physical land parcels. The DAO acquires large land acreages of land, improves the lands significantly, and then tokenizes the land into fractionalized parcels on the blockchain. Unlike some other real estate projects that focus on tokenizing residential homes, LandDAO is focused exclusively on raw land tokenization. DAO members own pari passu fractional share of lands LandDAO acquires and sells.

By tokenizing land itself as real-world assets (RWAs), LandDAO enables participants to own, trade and profit from land without the traditional barriers and illiquidity of physical land trading. The project concentrates on countries where non-citizens can own land with minimal restrictions, primarily in developing and emerging markets across Africa, South America, Southeast Asia, and Eastern Europe. The first two years of operation of LandDAO will be focused on raising money to buy lands in aforementioned regions.

People can buy a parcel of real land on the LandDAO marketplace. Lands traded on LandDAO are real lands and NOT virtual lands. We are building a global tokenized land portfolio and making it accessible on-chain. The key features of LandDAO are:

- DAO profits and transaction fees are distributed to DAO members quarterly
- Tokenization of Land: Converting physical land parcels into tradeable digital tokens on the blockchain
- Global Portfolio: starting with an exquisite site in the Kwahu Mountains of Ghana
- Smart Contracts: utilizing blockchain smart contracts as a form of land ownership certification, ensuring transparency and security.
- Community Building: Aims to establish global communities of like-minded tech professionals, fostering connections and shared values.
- Positive Social Impact: profit sharing and huge economic investments in the communities it operates

LandDAO's closest competitor is CityDAO but both projects do not compete directly; unlike CityDAO, LandDAO is not focused on the USA and DAO members own the lands hundred percent.

Future Outlook

If LandDAO experiences significant growth and builds a substantial marketplace user base, it could become a dominant force in the land tokenization market, revolutionizing the way people invest in land assets globally. LandDAO's success will lead to the creation of a vibrant global community of like-minded tech professionals and investors, fostering connections, collaboration, and shared values.