



# sudostake

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*On-chain property rights for everyone.*

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Presenter

# Intro

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The staking token is the primary capital asset of a bonded proof of stake blockchain which gives the holder access to voting and revenue-claiming rights on the blockchain.

# Problem

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Due to the illiquid nature of bonding tokens directly to the network, capital efficiency, and asset flexibility are greatly hindered which leads to increased opportunity costs for delegators.

1. Tokens bonded directly to the network cannot be transferred to another owner/entity without first unbonding them.
2. Tokens bonded directly to the network cannot be used as collateral in other DeFi use cases.

# Solution

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By allowing delegators to manage their staked positions using smart contract accounts called vaults, it becomes possible to create liquidity request options (LROs) backed by the bonded tokens held in their vaults.

These LROs are then visible in a peer-to-peer marketplace, where liquidity providers fund LROs in exchange for vault rights, exercised over the duration specified in the LRO.

This leads to an increase in capital efficiency while further decentralizing the POS network ownership as well as the liquidity providers' business.

# What are LROs

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Liquidity request options (LROs) are terms vault owners can create when requesting liquidity from other market participants.

There are three types of LRO vault owners can create:

- Fixed-term staking deals.
- Fixed-amount staking deals.
- Fixed-term Loans.

Each of the options above may include voting rights that can be exercised by the liquidity provider over the duration specified in the option funded.

# Fixed-term Staking Deals

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The vault owner is asking for a specific amount from a liquidity provider, in exchange, the liquidity provider gets to claim the staking rewards generated by the vault over the duration specified in the liquidity request option.

# Fixed-amount Staking Deals

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The vault owner is asking for a specific amount of funds from a liquidity provider, in exchange, the liquidity provider gets to claim a specific amount of staking rewards generated by the vault specified in the liquidity request option.

# Fixed-term Loans



With fixed-term loans, the vault owner is asking for a loan using the vault as collateral, to be paid back with interest after a duration of time.

On default, the liquidity provider gets to liquidate a specific amount of the underlying asset held in the vault as specified in the liquidity request option.



# Staking options comparison

	Staking	Liquid	Super-fluid	Sudo
Decentralization	✓	✗	✗	✓
Capital Efficiency	✗	⚠	⚠	✓
Multi-Chain	✓	✓	✗	✓

✓ passes assessment

✗ Fails assessment

⚠ Average


# Target Market

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When putting together this report, stakingrewards.com reports the proof-of-stake market cap at \$152,335,143,030, with a global staked value of \$89,910,433,959 held across over 7,929,620 unique accounts.

These figures are expected to keep growing as more Dapps and toolings are created to accelerate the onboarding process of the next 1 Billion users into the world of owning and trading on-chain property rights.

# Revenue Model




Protocol generated revenue in form of fee split that comes from users paying gas fees to interact with the protocol



Fees are charged to vault owners on requested liquidity.

The initial fee will be set to 0.1% which grows gradually over the duration of 4 years to a max value of 0.3%.



Smart contract account creation fee for vault owners and liquidity provider groups.

# Implementation roadmap

- Implement smart contracts for managing vaults, complete with integration tests and documentation.
- Implement smart contracts for managing investment DAOs/groups, complete with integration tests and documentation
- Implement a Marketplace for trading vault options.
- Implement a Dashboard for managing liquidity provider groups.
- Implement a Dashboard for managing vaults.
- Make SudoStake social! users can form investment groups and accept vault options as a collective, splitting revenue proportionally amongst members of a group.

# Conclusion

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The mission of sudostake is to enable the next 1 billion users to own on-chain property rights that can be traded freely with other market participants globally.

Thank you!

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