At a time when centralized finance has failed in its task to guarantee financial freedom for the blockchain world, the signs of global warming have become apparent, there is a need for decentralized finance but one that is cleaner and more efficient than Proof of Work (POW) chains like Bitcoin and Ethereum 1.0

Proof of Stake (POS) blockchains are a better alternative, as they are pretty faster in executing transactions, and cleaner in terms of their carbon footprint.

Rather than spending enormous amounts of electrical energy trying to solve mathematical problems (like Bitcoin does) to secure its network, POS chains achieve security by requiring users to stake a portion of their cryptocurrency, for a chance to validate transactions, and then reward them with passive income.

**ABOUT ALPHASTAKE**

Alphastake is one of the most secure POS validators in the DeFi space. We truly understand the concerns regarding staking assets on your own since it can be quite difficult, and risky. To avert this, AlphaStake offers you a safe and simple infrastructure to earn passive income on your cryptocurrencies.

**STEPS**

1. Connect to the staking user interface.
2. Pick a crypto asset, and specify the amount.
3. Stake and earn rewards automatically, without giving up custody of your assets.

**FEATURES**

**Diverse Staking Options**

Alphastake gives users access to different types of nodes on the different POS chains including eth 2.0, sol, and tezos. Users can also choose from a variety of lockup options that best suit their staking needs.

**Extra Security Measures**

Validator nodes are the underlying security for POS chains. This is why we take extra measures by using only the most recent, secure and reliable hardware equipment for running our nodes to prevent hacking or system downtime, ensuring security for both the network and user’s staked assets.

**Guaranteed Returns**

Apart from the security of our nodes, we have also made moves to ensure users make guaranteed returns when they stake with us, regardless of the current state of the crypto market, by employing the services of leading fund administrators and accounting agencies in the space.

**TEAM**

The AlphaStake team is made up of individuals with proven track records, insightful experience working with other DeFi projects, and are well equipped to deal with scalability issues, security threats, and accounting/funding challenges. Together we ensure a safe infrastructure for the maximization of your liquidity.

**With the above, you’re in safe hands. You can stake your crypto, protect decentralized finance, and at the same time grow wealth accumulatively**

**FREQUENTLY ASKED QUESTIONS**

**WHAT ARE PROOF OF WORK, AND PROOF OF STAKE?**

The reason Bitcoin consumes so much energy is its application of the Proof of Work consensus mechanism, which is how it protects its network and guarantees decentralization. In other words, the purpose of the consensus mechanism is to ensure all bitcoin miners agree on a legitimate copy of transactions, eliminating the chances that wrong or dubious transactions will be recorded and also guaranteeing no one party has sole control of the network.

To do this, miners have to compete by solving complex mathematical problems and the one who reaches the correct answer first is rewarded with extra bitcoin. This is a very complex and energy-consuming process as the miners who didn't get the answer have, anyway, consumed a lot of electrical power.

But with the creation of Peercoin (the first proof of stake blockchain) in 2012, the world has seen a shift to a cleaner method of consensus on blockchain networks.

Proof of stake chains achieve consensus by requiring that miners stake a required amount (e.g. 32 eth for Ethereum 2.0) of cryptocurrency for a chance to validate transactions on the network. The higher cryptocurrency staked, the higher their chances and the more they get rewarded with additional cryptocurrency.

This discourages malicious behavior on the part of miners, as miners can easily lose their stake (slashing) if they validate erroneous transactions.

**WHICH CRYPTOCURRENCY WILL EARN STAKING REWARDS?**

Any cryptocurrency/coin whose native blockchain uses the Proof of Stake consensus mechanism can earn staking rewards, but users will have to settle for our list of available cryptocurrencies. As AlphaStake continues to grow, we will add more cryptocurrencies to the list**.**

**WHAT DETERMINES MY STAKING REWARDS?**

When users lock their cryptocurrency in any of our staking pools, they are given access to passive income rewards, which are calculated by:

1. Annual percentage yield (APY) of that chain.
2. The amount of cryptocurrency being staked.
3. The duration of the staking period.