Arable Protocol [Draft]

For users - One-stop yield farming protocol

For technicians – farmable synths issuer protocol

The problem

Dozens of chains are available in crypto ecosystem and people feel hard and risky to cross the bridge for time and fees.

And the applications and wallets on the other chains are not experienced enough by those users.

Lots of yield farmers are available in crypto space and they want to try farming on other world and but it has network variers.

The solution

Arable protocol's goal is to bring various chain's growing assets on a single chain.

Users are not needed to cross the bridge but just use a single interface to farm and there are various range of assets to use.

Users can farm Cosmos, Polkadot, Solana, AVAX assets on Polygon network.

Farming consists of token staking and liquidity mining.

The core logic is to create a new token on a network that exists on the alt-chain.

Arable is utilizing the synths. Synths minters should be in responsible for backing the amount of minted assets at the time and the future reward assets. E.g. If anyone minted arATOM on Polygon network, they should be in responsible for backing ATOM staking rewards given to farmers. This solution needs to cooperate with oracle service for specific asset's price and farming rewards information.

The relevant projects

1. Building secure bridges to allow cross-chain token transfers
   This does not solve all the problem as those apps on other chains are not familiar with users.
2. Single wallet to manage all cross-chain assets
   It isn't providing enough farming features and cross-chain token swaps to takes time and fees.
3. Synthetic assets – it is allowing trades of synths but not providing the farming of synths. For instance, ETH is staking coin but sETH is not staking coin.

The type of users on the platform

1. Synths issuers, we will call them minters.
2. Synths farmers & traders, we will call them farmers

The minters

- To mint synths on our platform, minters need to purchase our native token – ACRE (synths farm token).
- The platform doesn't care of if minters do actual farming on the native network but recommend them to run action on native chain to not lose their assets for giving farming reward to farmers.
- The profit minters get while running the service on our platform is
  A. They get ACRE as reward based on the amounts of synths they have minted
  B. They get synths itself that is spent by users for trading fee and farming fee
- Minters could lose assets while moving assets either when using centralized exchange or decentralized exchange or cross-chain bridge.

The farmers

- Farmers provide 0.9% of their farming and trading fees to minters as without minters, they can't do farming of the assets. It's similar to commission rate on delegated proof of staking system.
- Farmers provide 0.1% of their farming and trading fees to the protocol developers to incentivize developers to build better system.
- Arable incentivize farmers to do farming on the protocol with ACRE tokens.
- Yield farmers can farm other ecosystem's assets with nearly same APY without crossing the bridge – e.g. they are not needed to cross Polkadot, Cardano, Cosmos, Solana and those bridges that they feel inconvenient.
- Other ecosystem assets like SOL or ATOM can be used widely in Polygon based DeFi applications – No popular DeFi apps are not available on Cosmos ecosystem, but these assets can be used on popular apps like Compound or Aave.
- Traders can trade various of assets without chain variers and high trading and bridge fees – and reduce time for setting up

In the future, protocol will build a universal cross-chain bridge or utilize the best bridges to help minters to cross the bridge with low fees and high security.

Once basic protocol is built, we will introduce the leveraged yield farming to give best farming experience to users.

Protocol terms

Name: Arable protocol – means good place for growing crops.

Native token: Acre – the unit of counting land area - crops can grow on the arable land.

The first name of synths: `ar` - e.g. arBTC, arETH, arSOL, arUSD …

Market validation

- Yield farmers feel scary setting up new wallets for setting up other farms
- The main beneficiaries are yield farmers – as a first stage Polygon yield farmers
- The problem is big enough as

    A. Lots of good projects that has its own chain or on the other network is still not being reached by users since users just follow the trending chain

    B. The number of yield farmers are big enough who want to reach good projects

MVP for initial traction

- Protocol should let small farmers to get incentives at initial
- Protocol should let small synths issuers to get incentives
- The price of ACRE should have lower limitation for platform's stability

The main characteristics of team members

- Hungry to learn
- Passionate on what he/she is doing
- Growing skills and better work as time goes

Team Maintenance

- Regular education of DeFi and trending markets
- Be a farmer and synths issuer on the network and provide valid reports regularly

Roadmap

- Team up the foundation, development team, marketing team

- Tokenomics: We will fork the tokenomics of https://docs.mirror.finance/protocol/mirror-token-mir and make few changes on top of that
- Project name & logo & Documentation & Website
- Look for private investors & influencers and project fans
- Launch native token ACRE
- Airdrop, private sale, seed sale, public sale and IDO – airdrop will be given to farmers of popular crypto farming projects like Aave, Compound, Beefy, Harvest …
- Listings on Centralized exchanges
- Implement staking of ACRE – platform native token
- Implement vesting of ACRE to foundation members and team members
- Alpha product launch on testnet and incentivize farmers with mainnet ACRE
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- Mainnet MVP launch on Polygon with small size farmers and synths issuers
- Grow the limitation of farms as time goes
- Launch on other chains like ETH, BSC, Solana, Polkadot, AVAX and Cosmos
- Make partnership with ecosystem projects – farming, synthetix, oracle projects
- Build or utilize cross-chain bridges to help minters to cross the bridge with low fees and high security.
- Introduce the leveraged yield farming of synths on the protocol to give best farming experience to users – it can be done by making partnership with leveraged yield farming protocols like alpaca finance or building on our own

Logo ideas

- **A farmer farming in the farm – gamified – in Age of Empires II – my favorite game**

- **App wireframe**

Arable farms

Token	Rewards	APR	Native Network	Liquidity (Synths / Native network)	Historical rewards		
arOSMO	arOSMO	245%	Osmosis	$10M / $100M		Buy	Sell
arSOL-arRAY	arRAY	15%	Solana	$10M / $1000M		Buy	Sell
arAKT-arOSMO	arOSMO	15%	Osmosis	$1M / $10M		Buy	Sell

Stake ACRE

Token	APR	Liquidity	Historical price			
ACRE	30%	$10M		Buy	Stake	Unstake

Arable synths

Token	Service APR	Fee charge	Native Network	Liquidity (Synths / Native network)	Historical rewards		
arAKT	arAKT	0.9%	Akash	$1M / $10M		Mint	Burn
arOSMO	arOSMO	0.5%	Osmosis	$1M / $10M		Mint	Burn