



Backkd

Liquidity Made Reactive

Maximize the power of your assets

Why isn't DeFi capital efficient?

The capital efficiency of DeFi today is bounded by static or single-utility liquidity pools. Meaning, liquidity must be dedicated to only serving one function. This is often extremely capital inefficient.

Every time a user deposits assets into a protocol they realize the opportunity cost of not having their assets allocated elsewhere. Users have to manually shift liquidity between protocols in order to try and stay efficient.

This lack of utility within liquidity pools substantially restricts the power of all DeFi users' assets.



Maximize the power of your assets with **reactive liquidity**

Through the deployment of novel *multi-utility liquidity pools*, Backd greatly increases capital efficiency. Backd enables DeFi users to increase the capital efficiency of their assets by reactively delegating liquidity to where it is needed most. Liquidity providers may define market triggers on which external keepers are allowed to shift their liquidity to some other protocol as defined by a supported *Backd Action*.



Optimize your liquidity with customizable Actions

Earn yield until your assets are more efficient elsewhere.



Earn yield from others using Actions

Yield comes from both yield-farming strategy profits and action fees.



Earn more and do more with your assets through Backd

On-chain Actions

01: Top-up Positions

Register 'top-up positions' on-chain via the Backd interface. When your Aave or Compound health factor drops below a specified amount, your liquidity is automatically moved from Backd's liquidity pools to protect yourself from liquidation. Until these funds are actually needed, they will be allocated to yield-farming strategies.

LENDING PROTOCOLS

AAVE 

 Compound

More can be easily integrated
post mainnet launch



At mainnet launch, the first supported action will be collateral top-ups.



User

1 Users provide liquidity in a single asset pool.

Yield

Actions

Curve

convex

2 User's liquidity earns yield from yield farming strategies and Backd liquidity mining.

Liquidity pools

5 When an action occurs it generates excess yield for LPs, Keepers & revenue for Backd token holders.

AAVE

Compound

Keepers

3 Off-chain Keeper bots monitor users positions.

4 If a user's set criteria is met, liquidity is sent to where it is needed.

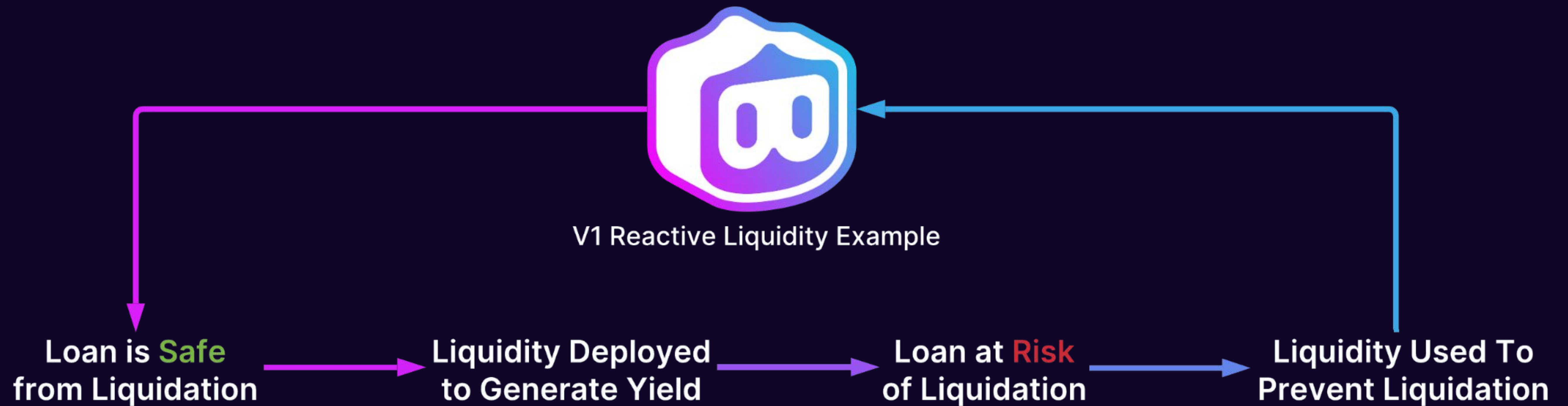
Backd

Reactive Liquidity



Explained

01: Top-up Positions



Future action candidates

Backd can support actions other than collateral top ups. Ultimately, the aim is to create an action marketplace, which allows users to utilize their funds in a capital efficient way, by staking their Backd LP tokens for various different actions.

Candidate 01



Once a limit order can be filled, a Keeper can withdraw the required funds from yield pools and execute the trade on the AMM.

Candidate 02



Backd Keepers detect when the price has moved outside of your defined range and move the liquidity into Backd's yield pools. Once the price is back within range, keepers move your liquidity back into Uniswap.

Candidate 03



Keepers can detect when Curve liquidity pools become imbalanced and remove liquidity for you on your behalf - saving you from substantial losses.

Platform fees



Actions

- + Every time an action is executed, a fee is collected in the form of LP tokens. Part of that fee is sent directly to liquidity providers which in turn compounds yield, while a portion is paid to the keeper that executes an action.
- + Action fees create yield diversified from traditional strategies. For example, Backd collateral top ups will generate higher returns during periods of market volatility.



Strategies

- + A performance fee is charged on profits harvested by strategies.
- + A share of the performance fee is paid to the strategist of the yield-farming strategy employed, while a small part of the fee is kept in a pool's reserve fund.

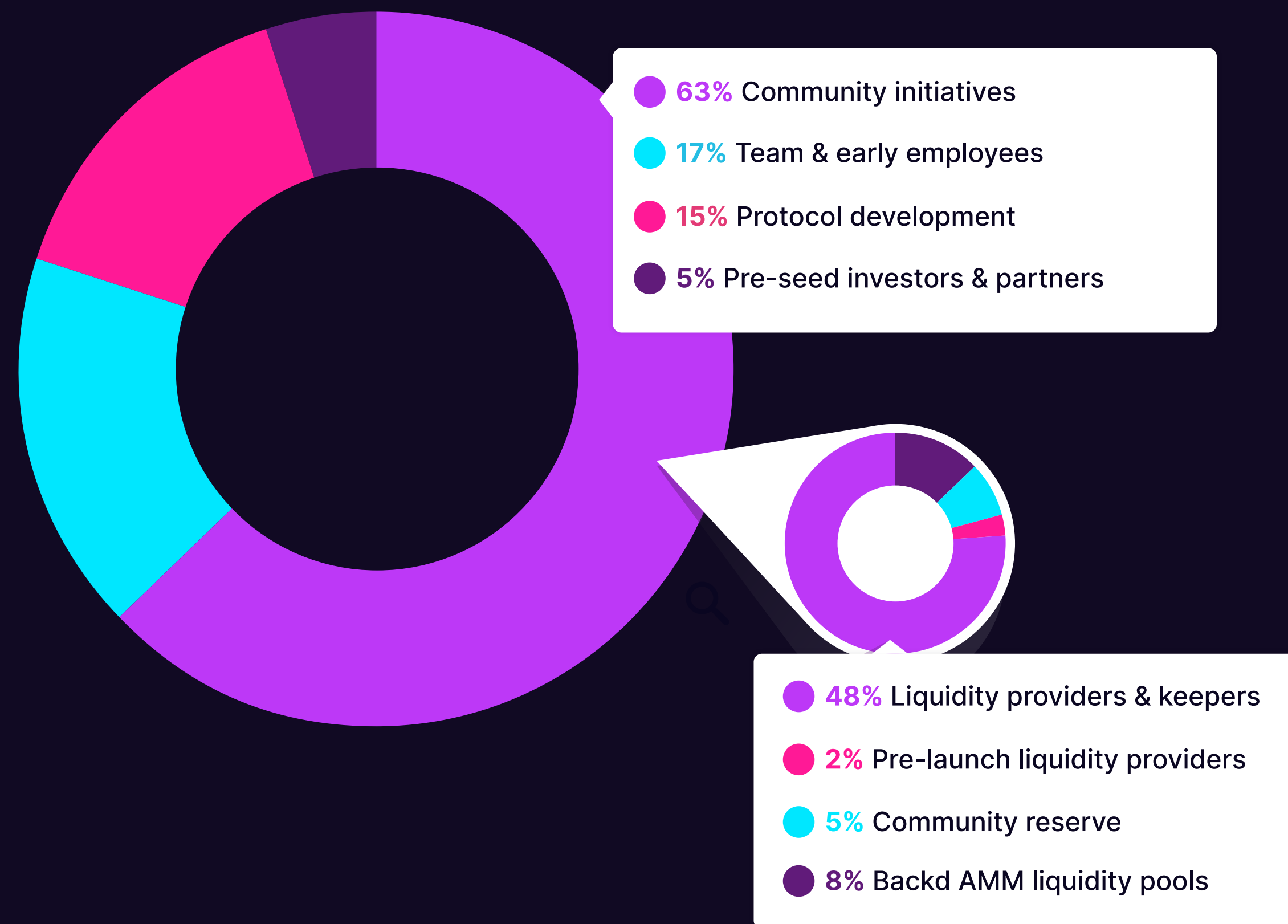
The BKD token

- + BKD is the native ERC-20 governance token of the Backd protocol.
- + BKD is distributed on a continuous basis to liquidity providers, keepers and stakers of selected AMM LP tokens.
- + BKD can be locked for vote-locked BKD (vIBKD) to participate in protocol governance.
- + vIBKD holders receive a share of the platform revenue.

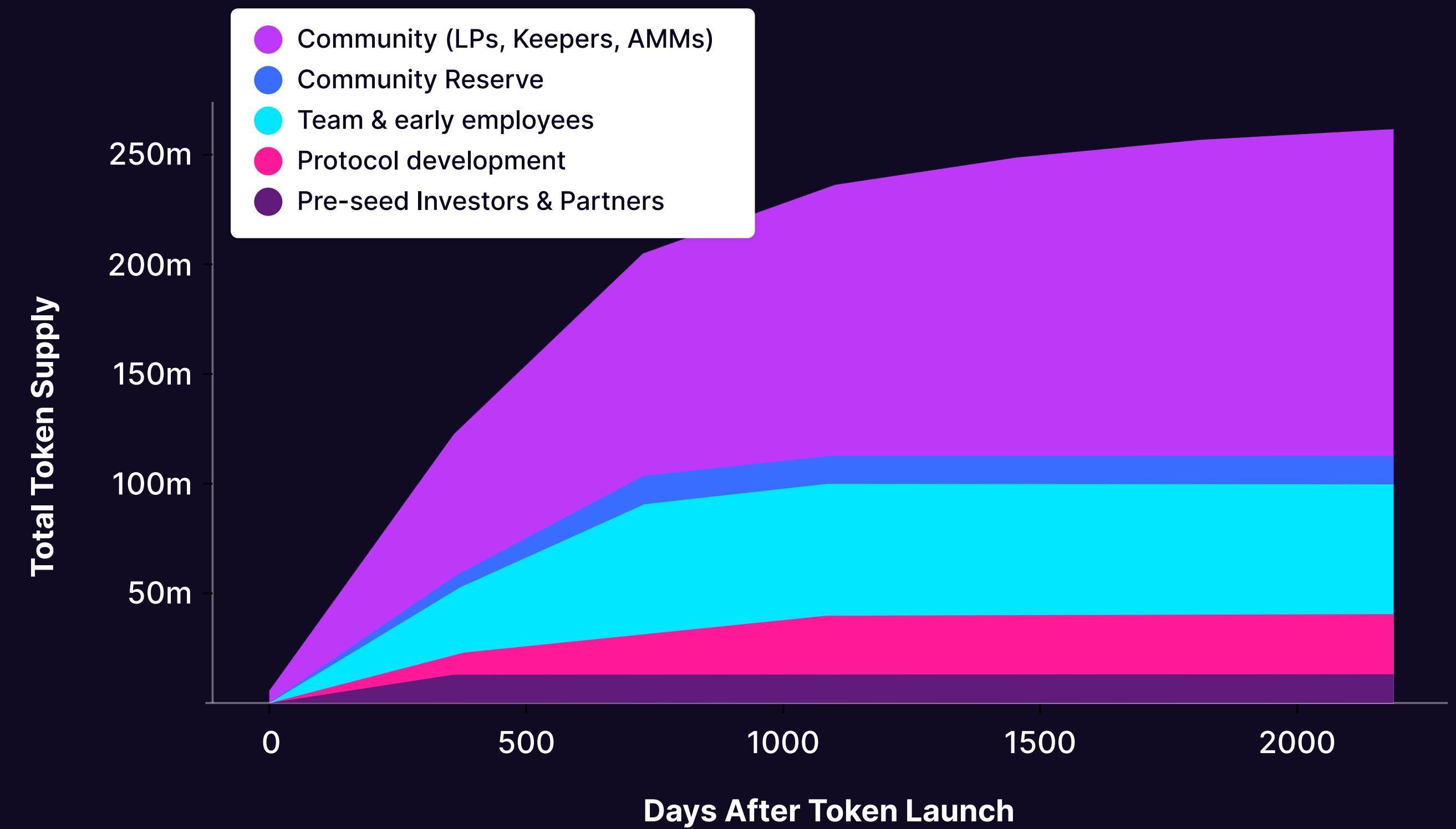


BKD distribution

BKD Supply Distribution

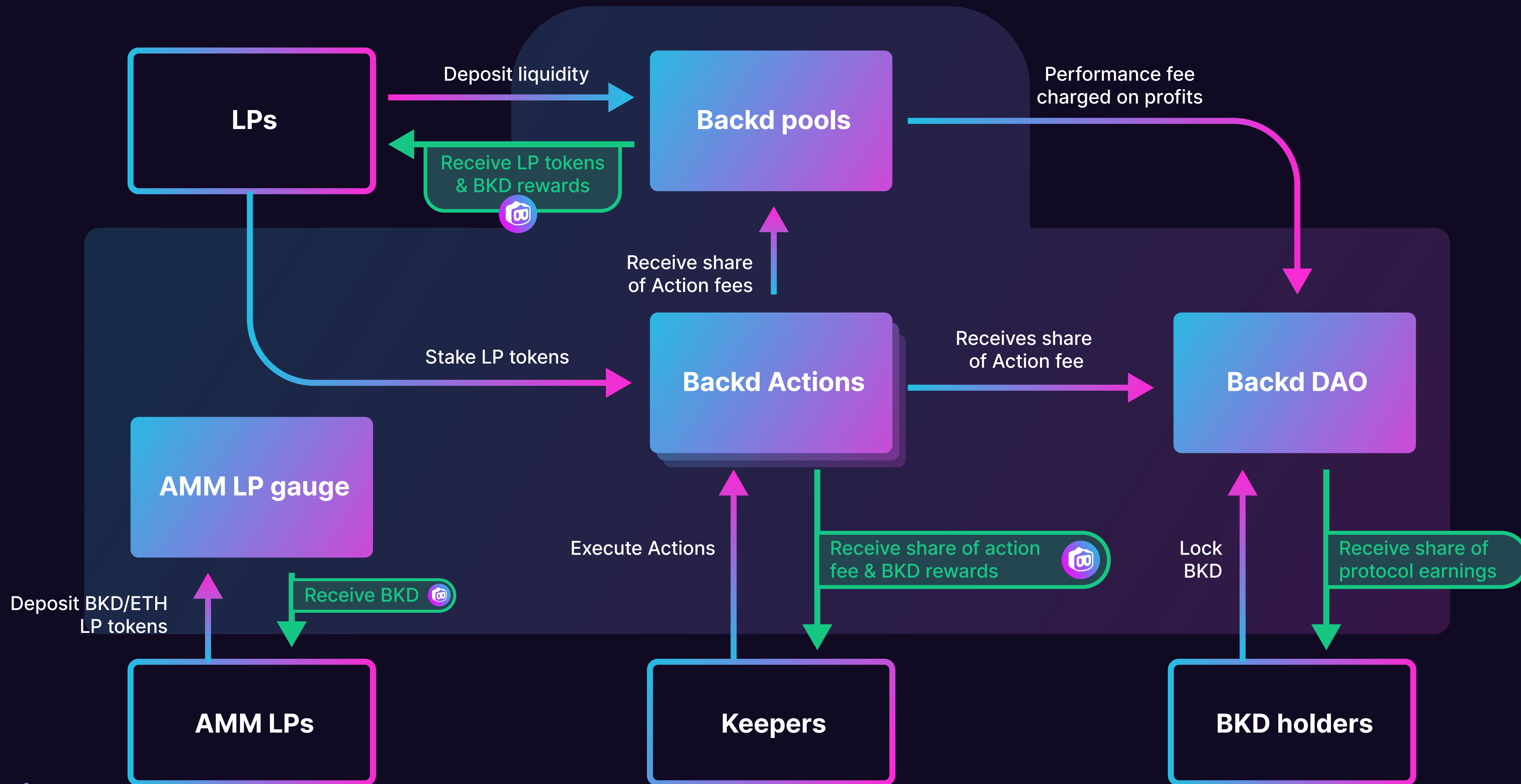


Inflation Schedule



Note that some of these values may be subject to change.

The Backd ecosystem



Protocol outlook

Backd creates an infrastructure that enables the combination of on-chain actions, off-chain bots that react to market events, and yield-farming. This unique combination lends itself to a multitude of actions and integration with many protocols. It allows us not only to make liquidity more efficient, but also to make other protocols safer and smarter.



Additional actions

Being able to react to market events quickly is critical in DeFi. Any scenario where users need to shift liquidity between different applications/protocols in response to market events is a potential Backd action.



Integration with further protocols

Capital inefficiency poses a problem across many DeFi protocols. The opportunities for integration are countless.



Working with the Community

While the Backd team will remain at the core of protocol development, strategies and actions can be proposed and added through on-chain governance.

Behind the scenes

The Backd DAO

Using vBKD (vote-locked BKD), holders can engage in protocol governance. Protocol governance is executed on-chain.

- + Add new actions
- + Add support for new protocols
- + Update yield-farming strategies
- + Update system parameters
- + Control the community reserve fund

Community

Backd's reactive liquidity creates unique opportunities for community contribution. Contributions can include (but are not limited to):

- + Strategy submissions
- + Keeper operation
- + General [contributions](#)
- + Investment strategies ([recipes](#))

The team

- [Sam Werner](#)
Engineer
- [Daniel Perez](#)
Engineer
- [Max Barnhart](#)
Community
- [Paul Pritz](#)
Engineer
- [Chase Manning](#)
Engineer
- [Vincent Ward](#)
Design
- [Olivier Lugand](#)
Operations
- [Miyu Tabata](#)
Community

Supported by



Audit (in progress)



Roadmap

Q3 2021

- Testnet launch
- Beta mainnet launch (capped TVL)

Q4 2021

- Full mainnet launch
- Token economics launch
- Add collateral top up support for other protocols

Q1 2022

- DAO launch:
 - BKD locking for vote-locked BKD (vIBKD)
 - Weekly payout of fees to vIBKD holders.
- Launch of new actions

Contact

Reach out and get in touch:

contact@backd.fund

 docs.backd.fund/

 <https://backd.fund>

 twitter.com/backdfund

 <https://blog.backd.fund/>

 [Discord](#)

 [Telegram](#)

Thank you.

