



PerpDEX

The first perpetual DEX on Astar Network



What is Perpetual DEX?

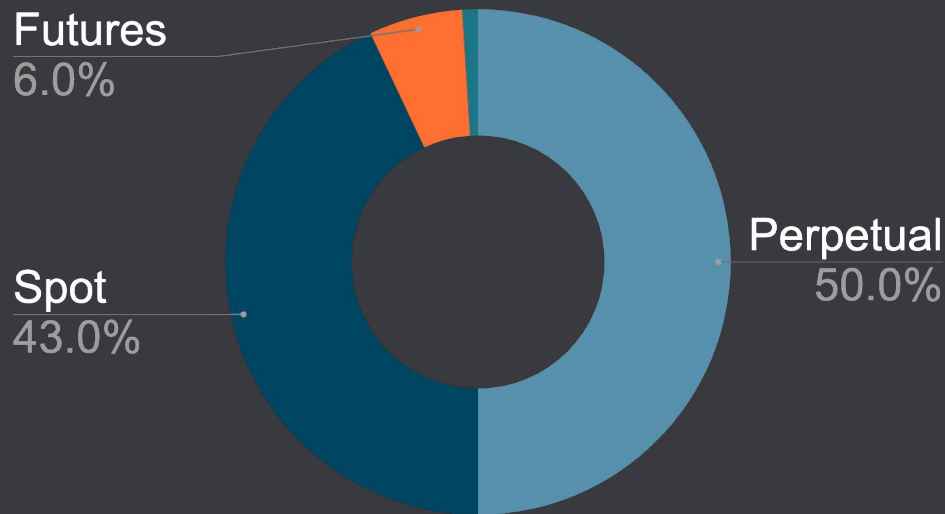
Perpetual future implementation on DeFi

e.g. dYdX, Perpetual Protocol



Perpetual is mainstream in crypto

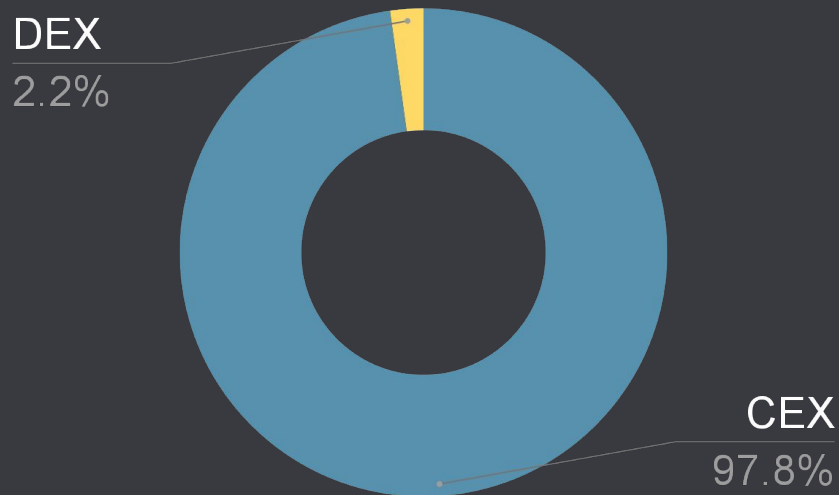
Total Crypto Trading Volume 2021





Perpetual is underrated in DeFi

Perpetual future market share 2021 4Q

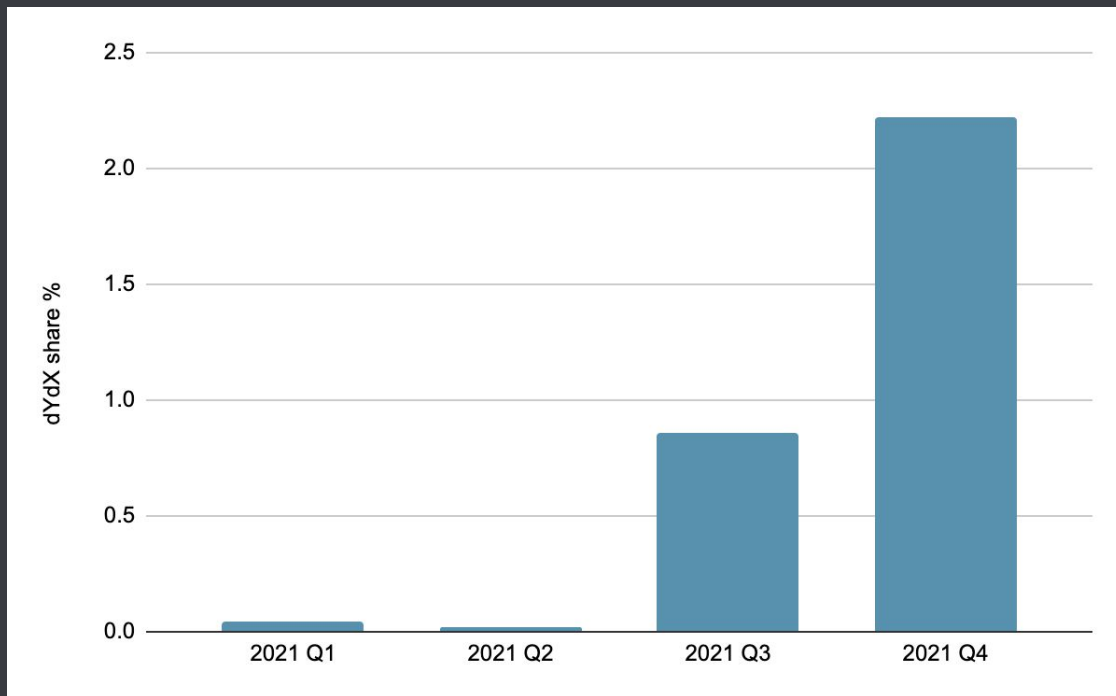


Source: https://image.tokeninsight.com/levelPdf/TokenInsight_2021_Yearly_Crypto_Trading_Industry_Report_compressed.pdf



Perpetual DEX is growing

Share of the top perpetual DEX (dYdX)





What happens next?

Perpetual DEX will grow significantly



What about on Astar Network?

No perpetual DEXs exist



PerpDEX overview

- **based on Perpetual Protocol V2**
- **Tokenization** of perpetual futures positions as **ERC4626**
- **Stablecoins** backed by delta neutral positions (like UXD protocol)



Improvements from Perpetual Protocol

- Liquidation free funding (LFF)
- Tokenization of perpetual positions (ERC4626)



Liquidation Free Funding

- A new funding payment method we proposed.
- **Required for tokenization.**
- For details, please see whitepaper.



Tokenization of perpetual positions

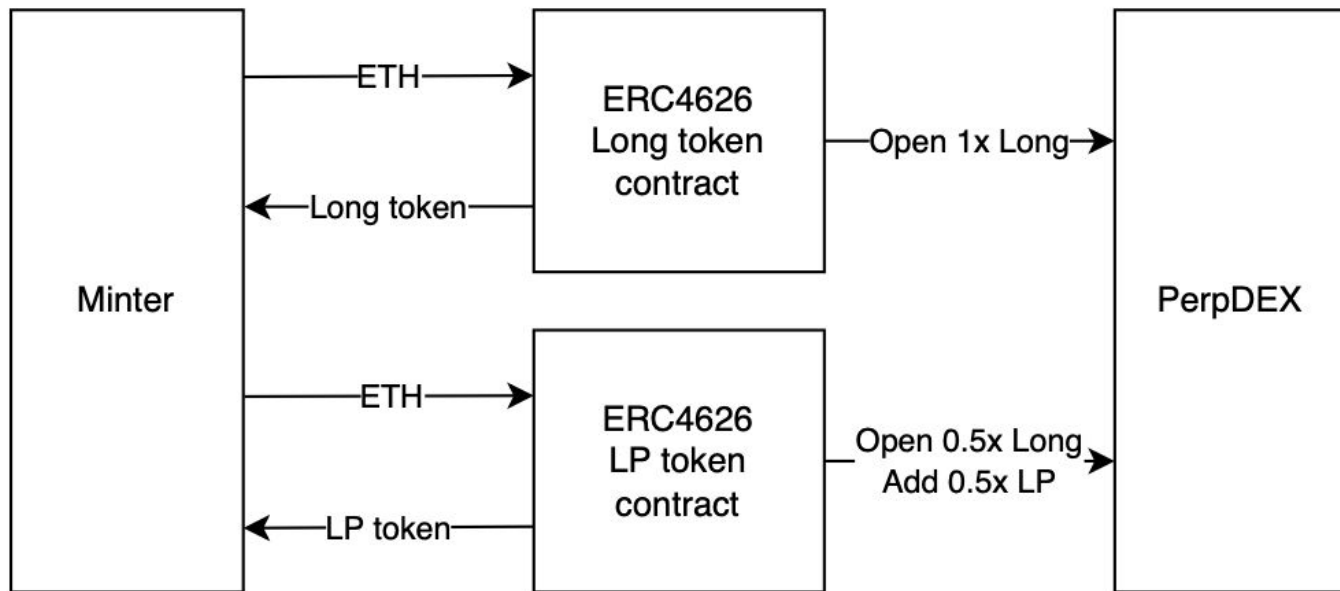


Figure 3: ERC4626 tokenization of PerpDEX positions when quote token is ETH



Applications of tokenization

- **Stablecoin** (like UXD protocol and Lemma Finance)
 - Liquidation free can only be achieved with PerpDEX
- **Synthetic assets** (like Synthetix)
 - 100% capital efficiency
- **Power perpetual token** (like Squeeth)
 - Not only long but also LP can be tokenized and liquidation free



Benefits for Astar Network

- The first perpetual futures DEX on Astar Network
 - **Large trading volumes and TVLs** are expected since perpetual futures are the most traded products in crypto.
 - **Assets not in Astar Network** can be traded if oracles are available.
- The first stablecoin backed by delta neutral positions on Astar Network
 - **More options for stablecoin** with different risk characteristics.

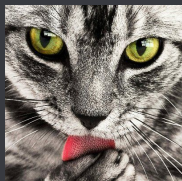


Roadmap

- 2022/04 Prototype development (Done)
- 2022/05 Development
- 2022/06 Audit / Bug fixing
- 2022/07 **Launch on Astar Network mainnet**
- 2022/08~ Launch on other EVM compatible chains



Team



richmanbtc

Founder / Dev / Crypto Trader

<https://twitter.com/richmanbtc2>

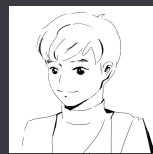
<https://github.com/richmanbtc>



Shoma

Product Manager

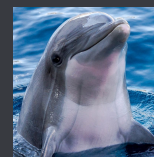
<https://twitter.com/SStaad>



Cuu

Dev

<https://twitter.com/CuuG0g0>



Kei

Dev

<https://twitter.com/DevAddicted2>



Koba

Dev

<https://twitter.com/nk91124>



TKTN

Dev

<https://twitter.com/saganooriginal>



Contact

If you have any questions, please feel free to contact us.

- Twitter: <https://twitter.com/perpdex>
- Discord: <https://discord.gg/x4cnMGUfyg>
- Email: info@perpdex.com
- Website: <https://perpdex.com/>
- Whitepaper: <https://perpdex.com/pdfs/whitepaper.pdf>
- Source code: <https://github.com/perpdex>

Thank you for your attention!