



Staking Derivatives

A parachain designed for staking liquidity

**web3.0
bootcamp**



project supported by
web3 foundation
grants program



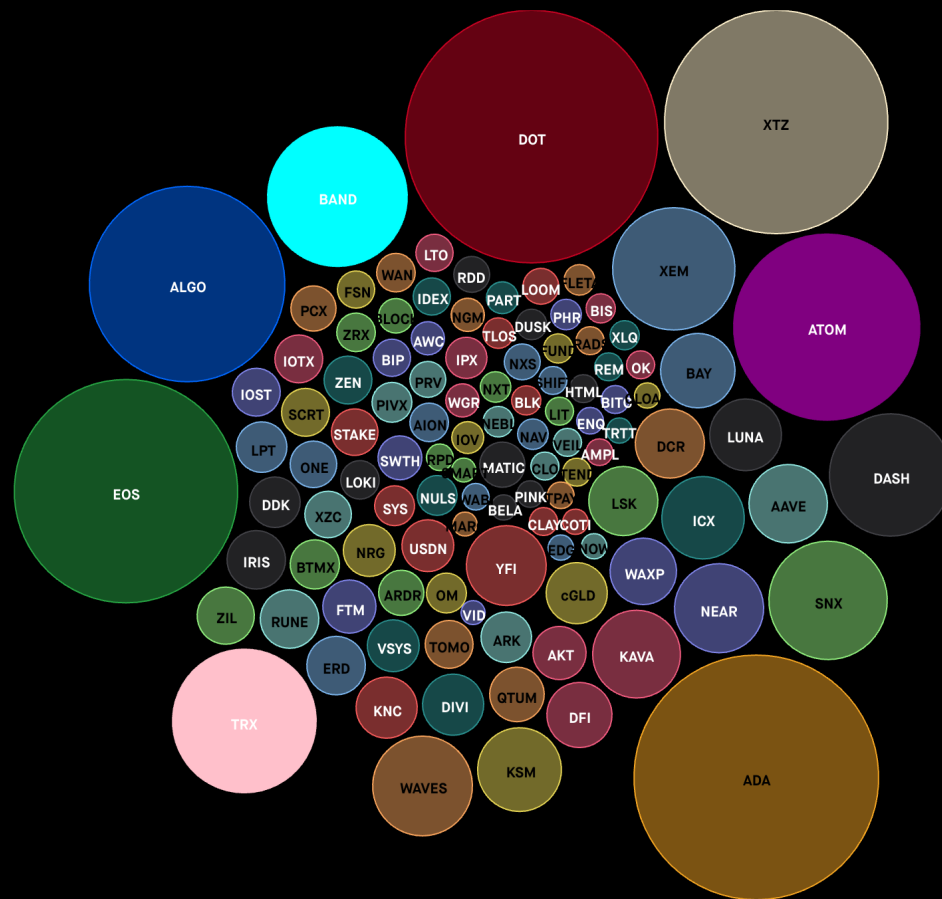
substrate
builders
program

<https://bifrost.finance>

A dark-themed world map with white outlines of continents. Numerous white circles of varying sizes are scattered across the map, representing staking locations. There is a high concentration of circles in Western Europe, particularly in the British Isles and France. Other clusters are visible in North America (USA and Canada) and a few isolated circles in Africa and South America.

STAKING NEEDS MORE CONSIDERATION

Staking Capacity



2018/10 - 2020/08, staking locked value increased from
\$1.51B to \$9.1B (+507%)

DeFi Capacity

Total Value Locked (USD) in DeFi

TVL (USD)

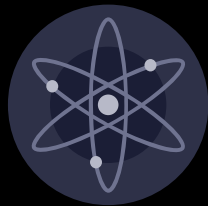
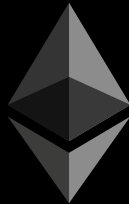


- ③ 2019/10 - 2020/10, DeFi locked value increased from \$538M to \$10.73B (+1894%)
- ④ Over \$9.1B market cap (2020/10) of DeFi **need staking liquidity**

Problem

1. Rewards and Interests Competition

Staking



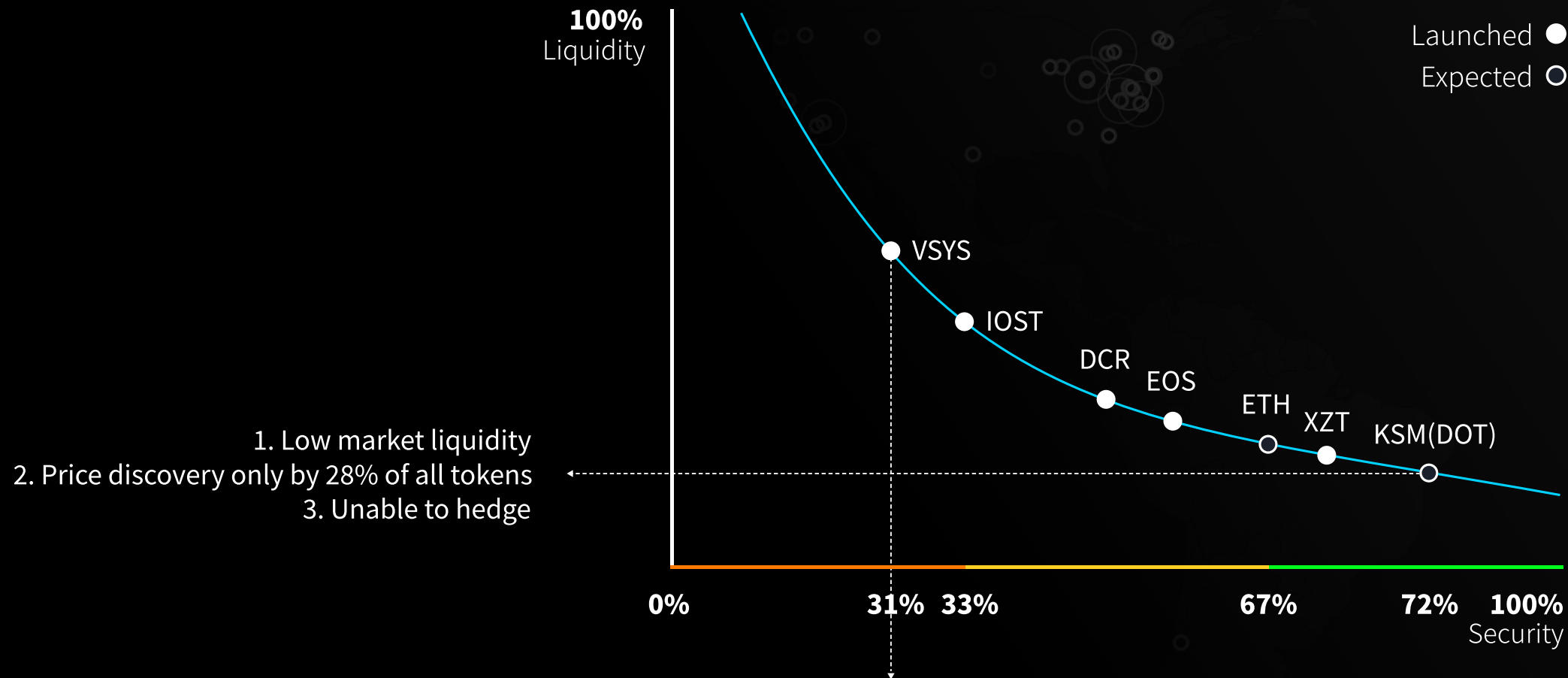
VS

DeFi



Staking Rewards or DeFi Interests?

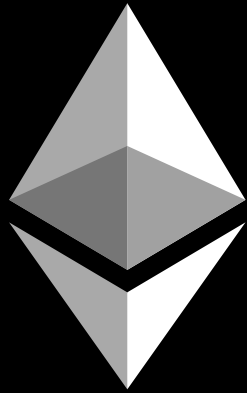
2. Liquidity and Security Competition



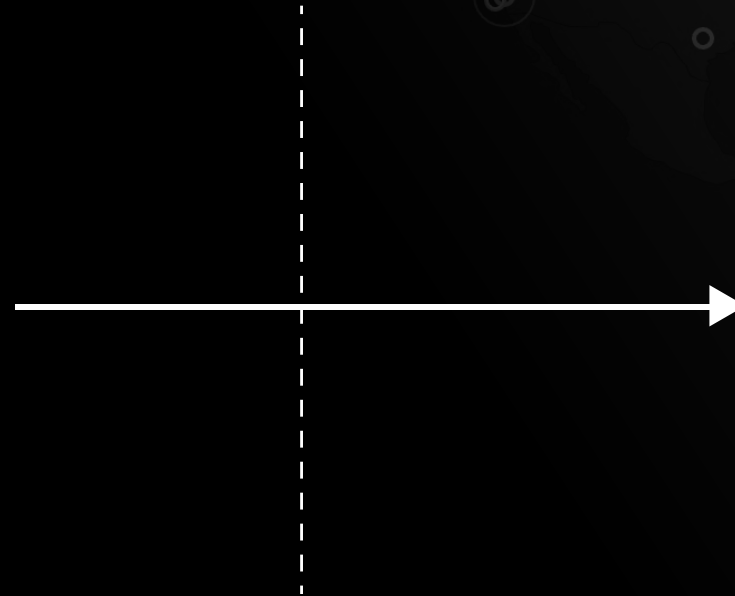
- 1. PoS consensus security risk
- 2. Centralized rewards distribution, node monopoly risk

3. Staking and Cross-chain Conflict

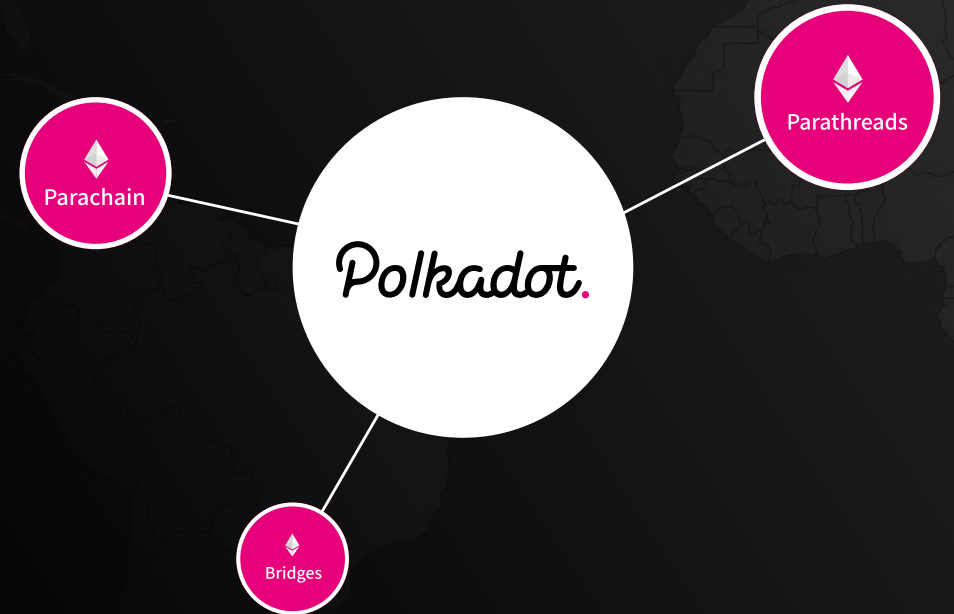
ETH 2.0



2% ~ 7% Staking Reward



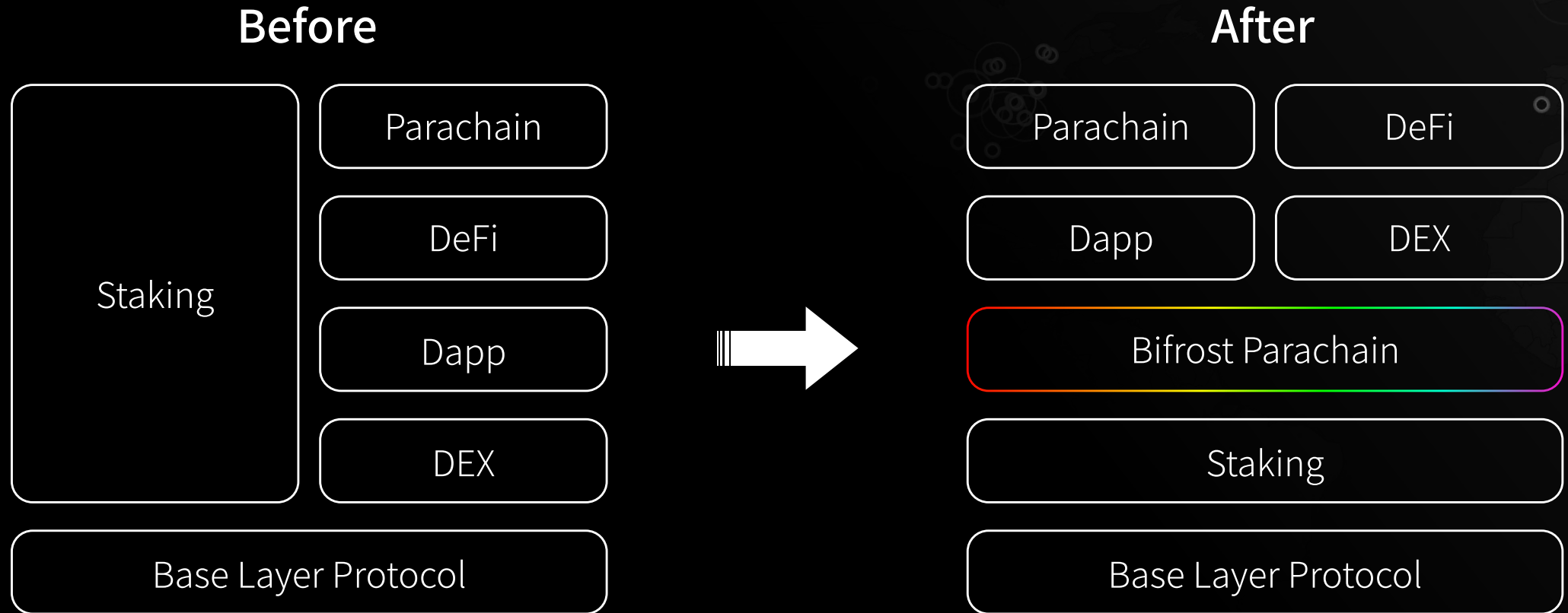
Cross-chain Network
(e.g. Polkadot)



No Staking Reward

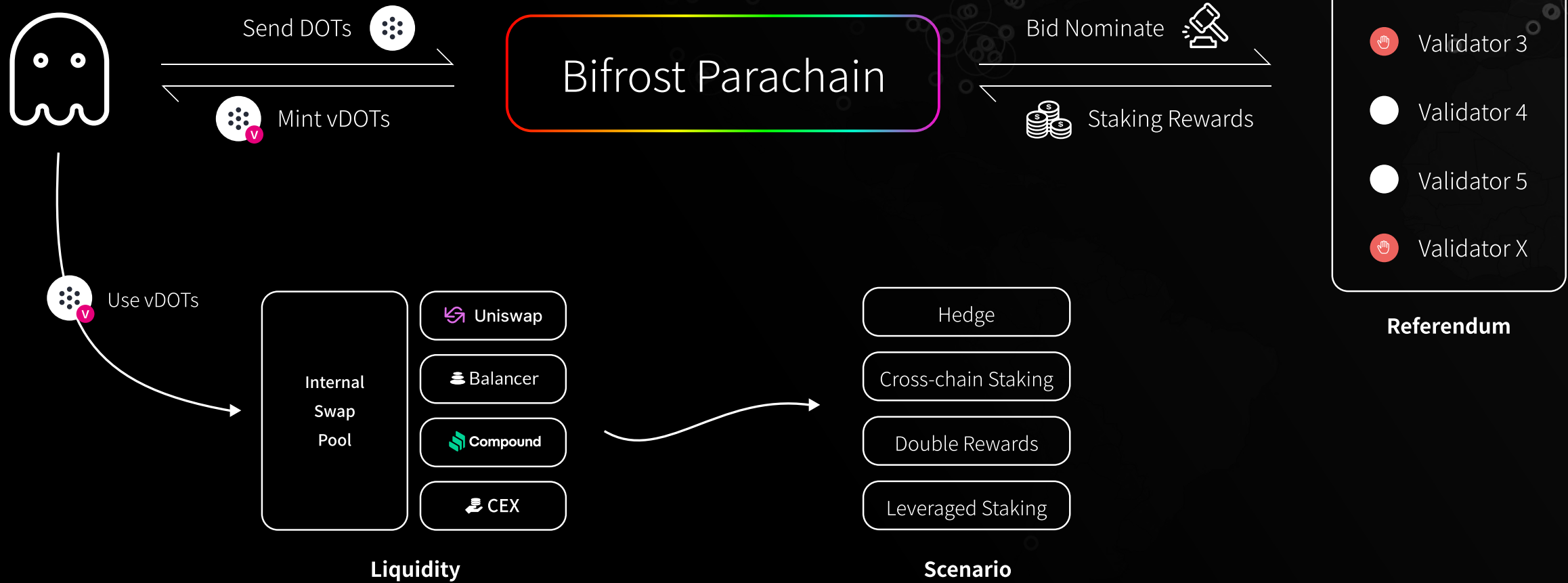
Solution

Staking Derivatives



A Layer Between Staking and Applications

Bifrost Parachain



Progress

Dapp Demo

The Bifrost Dapp interface is shown in five overlapping screenshots, demonstrating its various features:

- My Account:** Displays a greeting "Hello !" and a summary of the user's account, including Assets (\$1,900.35664) and Rewards (\$870.34325).
- Assets:** Shows the user's total assets (\$1,900.35664357) and a breakdown of rewards, including vToken Rewards (800.34313) and Liquidity Rewards (70.00012).
- Market:** Displays the current market price for vEOS (1 vEOS = 0.23212121 EOS) and vDOT (1 vDOT = 0.23212121 EOS), along with their respective mint, market, and APY values.
- History:** Shows a list of transactions, including vEOS issued (\$12,753.33345429) and vDOT issued (12,753.33).
- Trade Record:** Displays a table of recent trades, including vEOS and vDOT, with columns for Type, State, Txid, From, To, Value, and Time.

Testnet

| Polkadot 524 Kusama 430 Robonomics 2123 Phala PoC-2 868 Bifrost Asgard CC3 200 Stafi 106 Dusty 114 Edgeware 96 Kulupu 83 Darwinia CC1 80 ChainX 73 DAO IPC1 66 Joystream 51 | | | | | | | | | | | | | | |
|---|----------------------------|-----------------|--------------|--------------|---|------------|---|----------|----------|--------|-------|----|--|--|
| BEST BLOCK | | FINALIZED BLOCK | | AVERAGE TIME | | LAST BLOCK | | | | | | | | |
| #248,460 | | #248,457 | | 5.999s | | 1.7s ago | | | | | | | | |
| # | | | | | | | | | | | | | | |
| 4 | rewards-bifrost-finance | - | - | 0.5.0 | - | 106 | 0 | #248,460 | #248,457 | 2.729s | 0ms | 1m | | |
| | Suoha fdq1NZNNWf | - | Nuremberg | 0.5.0 | - | 32 | 0 | #248,460 | #248,457 | 5.940s | 41ms | 2d | | |
| | investblog ffvDSvBNe7 | - | Frankfurt am | 0.5.0 | - | 54 | 0 | #248,460 | #248,457 | 5.740s | 171ms | 2d | | |
| | Time gqwKoQYeBQ | - | - | 0.5.0 | - | 61 | 0 | #248,460 | #248,457 | 5.808s | 172ms | 2d | | |
| | sinitsy | - | - | 0.5.0 | - | 53 | 0 | #248,460 | #248,457 | 5.863s | 181ms | 2d | | |
| | index | - | - | 0.5.0 | - | 83 | 0 | #248,460 | #248,457 | 5.726s | 192ms | 2d | | |
| | zoom fyU22SVX9G | - | - | 0.5.0 | - | 54 | 0 | #248,460 | #248,457 | 5.888s | 194ms | 2d | | |
| | dreed gJtxxh5tn29Xd | - | Frankfurt am | 0.5.0 | - | 52 | 0 | #248,460 | #248,457 | 5.812s | 196ms | 2d | | |
| | sweBankaNode1 dGQ9sVWzqn | - | - | 0.5.0 | - | 54 | 0 | #248,460 | #248,457 | 5.828s | 196ms | 2d | | |
| | winterIscomming | - | - | 0.5.0 | - | 54 | 0 | #248,460 | #248,457 | 5.752s | 199ms | 2d | | |
| | Bifrost-Kubernetes-01 | - | - | 0.5.0 | - | 54 | 0 | #248,460 | #248,457 | 5.765s | 201ms | 2d | | |
| | OCEAN JZrL8 | - | Frankfurt am | 0.5.0 | - | 52 | 0 | #248,460 | #248,457 | 5.927s | 204ms | 2d | | |
| | Zelivsky22 eNJN8R5utw | - | - | 0.5.0 | - | 52 | 0 | #248,460 | #248,457 | 5.778s | 204ms | 2d | | |
| | Brianmin dEFZkNngjR | - | Amsterdam | 0.5.0 | - | 51 | 0 | #248,460 | #248,457 | 5.644s | 206ms | 2d | | |
| | sweBankaNode6 cdwQK2Z5F5 | - | Frankfurt am | 0.5.0 | - | 55 | 0 | #248,460 | #248,457 | 5.777s | 206ms | 2d | | |
| | BifrostValidator-Maarten | - | - | 0.5.0 | - | 81 | 0 | #248,460 | #248,457 | 5.788s | 231ms | 2d | | |
| | Miakot gaSotQ8uhu | - | Nuremberg | 0.5.0 | - | 28 | 0 | #248,460 | #248,457 | 5.793s | 233ms | 2d | | |
| | NodeName | - | - | 0.5.0 | - | 53 | 0 | #248,460 | #248,457 | 5.923s | 241ms | 2d | | |
| | vera cQ2gm7fZj2 | - | - | 0.5.0 | - | 64 | 0 | #248,460 | #248,457 | 5.924s | 246ms | 2d | | |
| | fomiakk fzPE2sQumb | - | - | 0.5.0 | - | 52 | 0 | #248,460 | #248,457 | 5.733s | 250ms | 2d | | |
| | Leski | - | Frankfurt am | 0.5.0 | - | 54 | 7 | #248,460 | #248,457 | 5.828s | 252ms | 2d | | |
| | afnutiy bjkSoG6wXc | - | - | 0.5.0 | - | 54 | 0 | #248,460 | #248,457 | 5.931s | 258ms | 2d | | |

| | | |
|---|----|-----------------------------|
| ★ | 23 | BIFROST-NODE/BIFROST-SEED-5 |
| ★ | 25 | d8aWULWeJCxy |
| ★ | 28 | dreSoJ_VVQ1FR |
| ★ | 25 | eKd9SR_LCcdxd |
| ★ | 18 | dS1NSP_PbYqpA |
| ★ | 16 | ddVK9Z_MPH:GT |
| ★ | 20 | dSdhVK_14apnR |

| Validator stats | | | | |
|--|----------------|------------|--------|---------|
| last block 248,390 | | | | |
| epoch 30 mins 72% | | | | |
| era 3 hrs 12% | | | | |
| only with an identity | | | | |
| produced blocks online message nominating oversubscribed slashed | | | | |
| other stake | own stake | commission | points | last # |
| 65,513 ASGDetails | 90,000,000 ASG | 0.00% | 420 | |
| 65,513 ASGDetails | 90,000,000 ASG | 0.00% | 224 | 248,382 |
| 79,062 ASGDetails | 101,480 ASG | 0.00% | 506 | 248,387 |
| 65,536 ASGDetails | 90,000,000 ASG | 0.00% | 470 | 248,385 |
| 153,935 ASGDetails | 1,577,006 ASG | 2.00% | 590 | 248,386 |
| 78,881 ASGDetails | 282,651 ASG | 0.00% | 566 | |
| 153,984 ASGDetails | 1,530,006 ASG | 1.00% | 514 | |
| 79,062 ASGDetails | 101,712 ASG | 0.00% | 366 | 248,390 |
| 80,633 ASGDetails | 2,501,010 ASG | 0.00% | 382 | 248,389 |
| 79,062 ASGDetails | 101,564 ASG | 0.00% | 410 | 248,383 |

Bootcamp Statistics

媒体报道

30 篇

6 个国家 6 种语言累计浏览 1M+

Media

线上活动

34 场

Sub0 Talk、Substrate Chnia Day、MathShow、CoinTelegraph、HOO、Bihu & Doter 社区直播等

Online

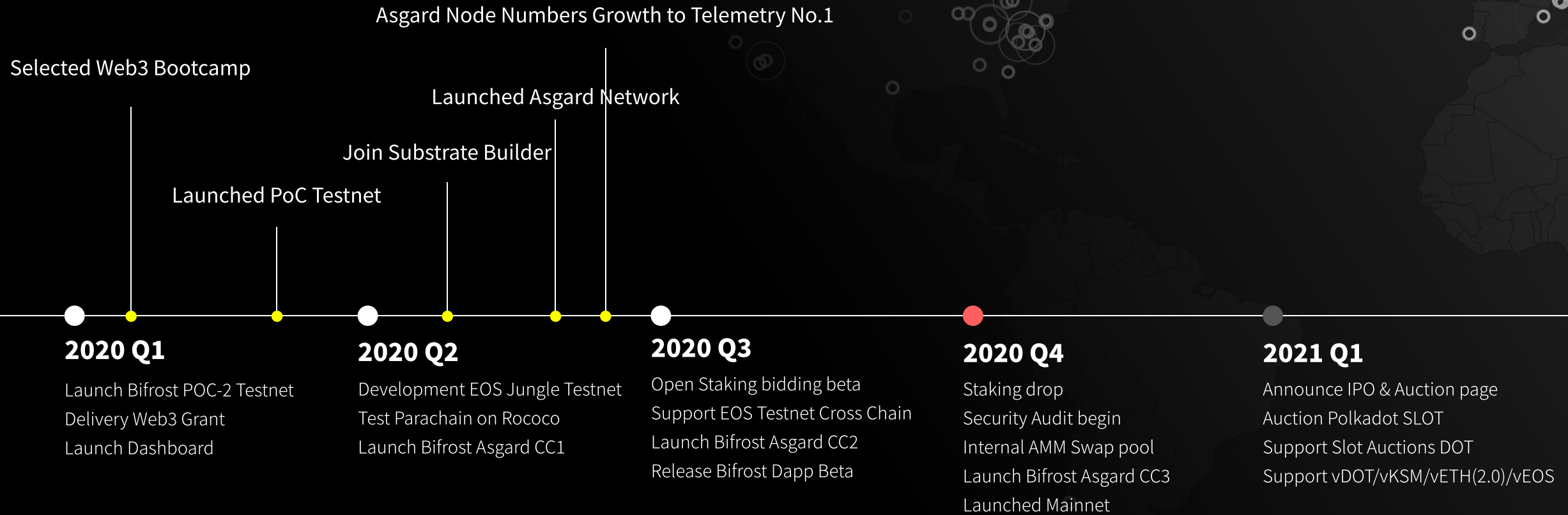
线下活动

12 场

波卡中国行、链闻创新者大会、火星 POWER、PolkaVerse、CTC DeFi、深圳&厦门区块链周等

Offline

Milestones & Roadmap



Supporters

**web3.0
bootcamp**



project supported by
web3 foundation
grants program

**substrate
builders
program**

Friends



Service



Investors

 **NGC** Ventures

SNZ
HOLDING

 **DIGITAL
RENAISSANCE**

 **共识实验室**
CONSENSUS LAB

 **LONGHASH**
VENTURES

 **DFG**

 **YOUBI CAPITAL**

 **BITRISE
CAPITAL**

Nova
NOVA CLUB

 **Bifrost**

Team



Lurpis
Co-Founder & CEO

CEO of Liebi technology;
5 Years of blockchain product and development experience;
Sina Weibo early full-stack engineer;
Leader of blockchain cross-border settlement in Ping++;
Good at creating quality experiences product



Edwin
Co-Founder & CTO

10 Years of development experience in blockchain and finance;
Rich experience in large-scale system architecture design;
Former core engineer of Ankr;
Substrate course instruct



Jamie
Lead Developer

Leader of bridge / contract / core runtime development;
Former National Instruments Test and Development Engineer;
Rich RUST development experience



Buffalo
System Architect

More than ten years of experience in information technology, cryptography applications;
Blockchain system research and development;
Rich research and development experience in Hyperledger-Fabric, Quorum, Ethereum, Bitcoin and other systems



Bonnie
Marketing

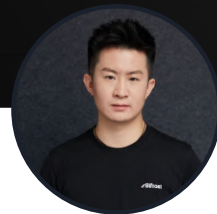
3 Years of blockchain operation experience;
Good at using innovative operating system to promote project;
Served Fidelity, providing fund dealing support for the APAC



Alex
Ambassadors Leader

Founder of Polkadot Ecosystem PromoTeam;
Serial entrepreneur for more than 20 years;
Fan of blockchain technologies and Polkadot ecosystem supporter

Thanks



Lurpis

Co-Founder



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[@lurpis](https://t.me/lurpis)