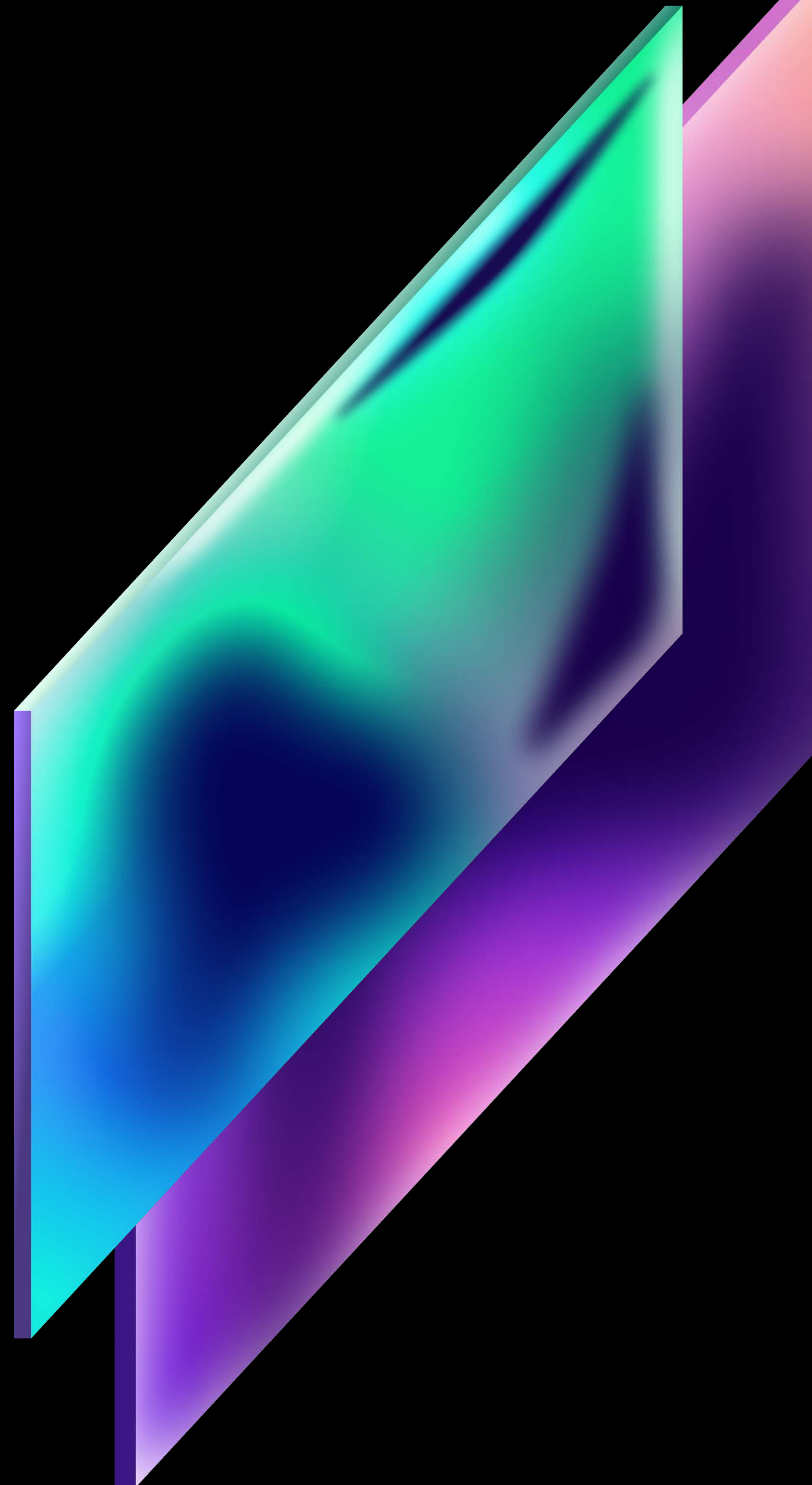


Looking back
Looking forward



Welcome back!



2019

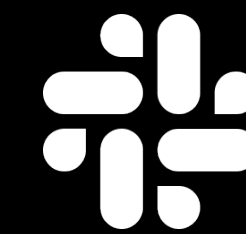


2021



2022

The 🐻



State of the ecosystem



\$1B

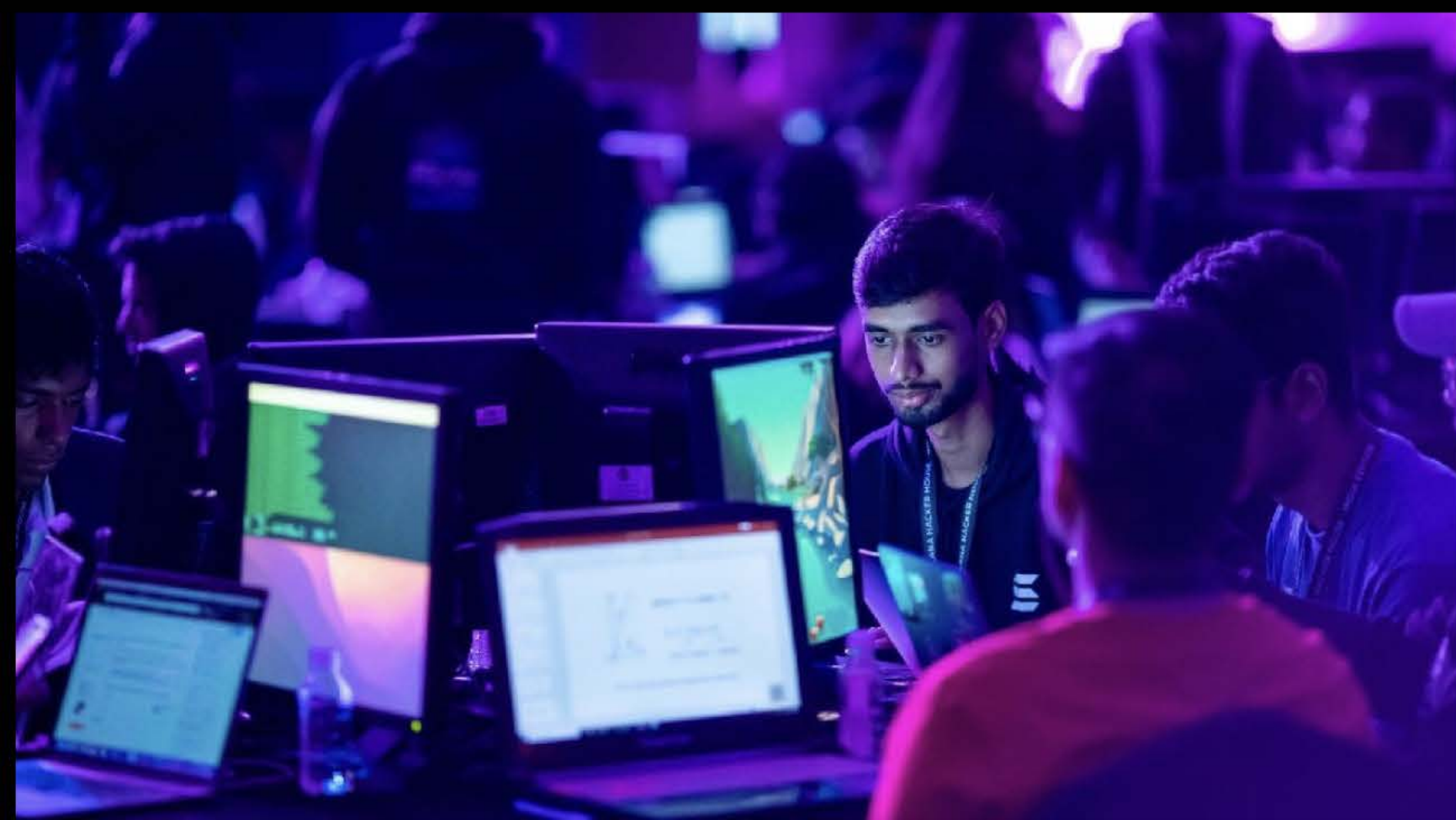
Funding



HACKER
HOUSE

64K

Participants



3K+

Demos + Submissions





2023



Istanbul

February 1-5



Melbourne

February 20-24



Ho Chi Minh City

March 15-19



Austin

April 20



Taipei

May 10-14



New York

June 7-11



Tel Aviv

June 25-29



Berlin

Aug 30-Sep 3



Bengaluru

September 14-17



Mumbai

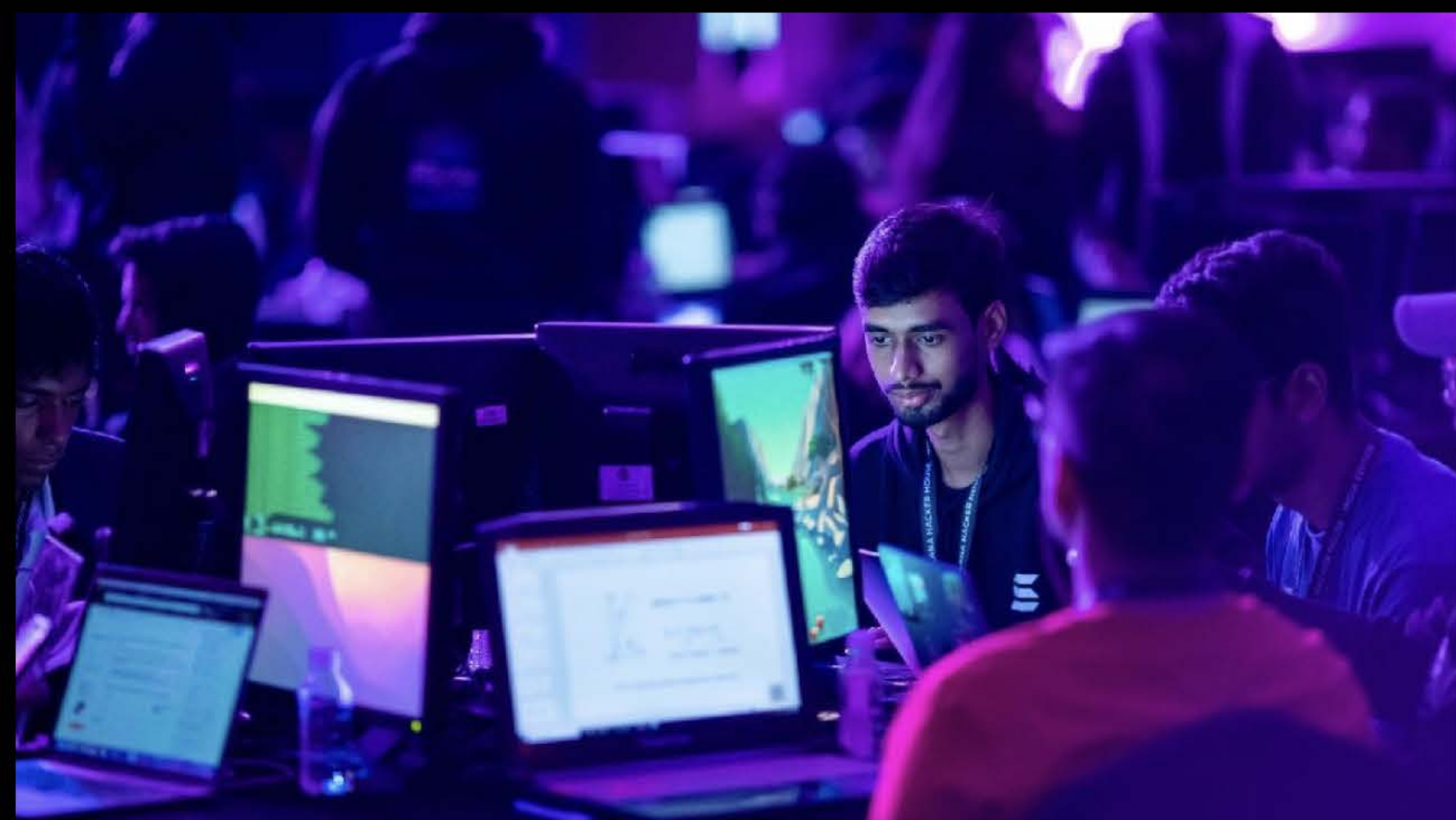
September 21-24



HACKER HOUSE

SUMMER COLORS

ONLINE HACKATHON



Decentralization

3,621

Nodes

2,160

Validators

30

Nakamoto Coefficient

230

Unique data centers
with staked validators
(in 33 countries)

9%

Largest share of stake
in a single data center

Activity on Solana

Active Accounts

11.5M

October, 2022

22.4M Peak

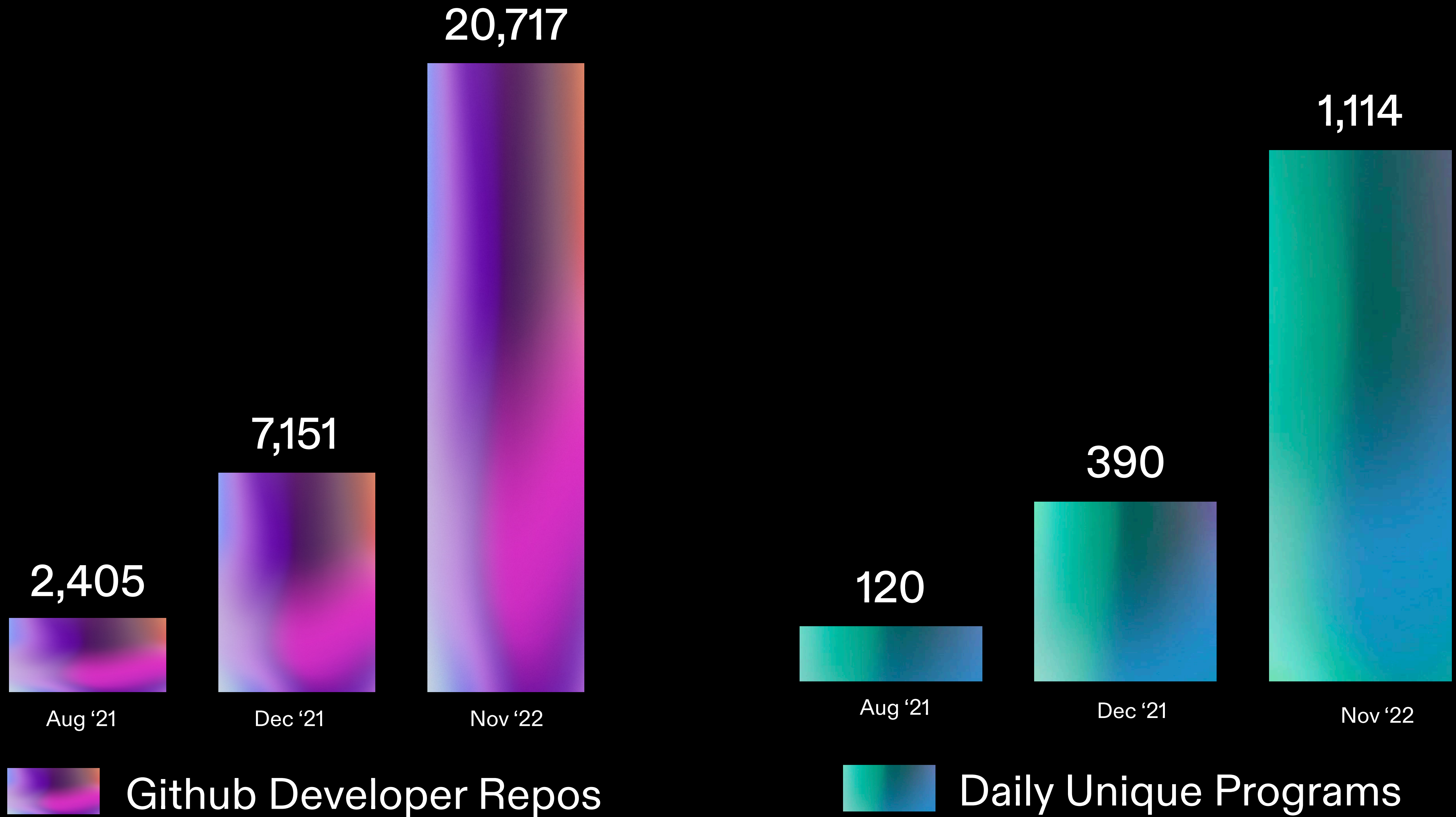
Active Fee Payers

1.7M

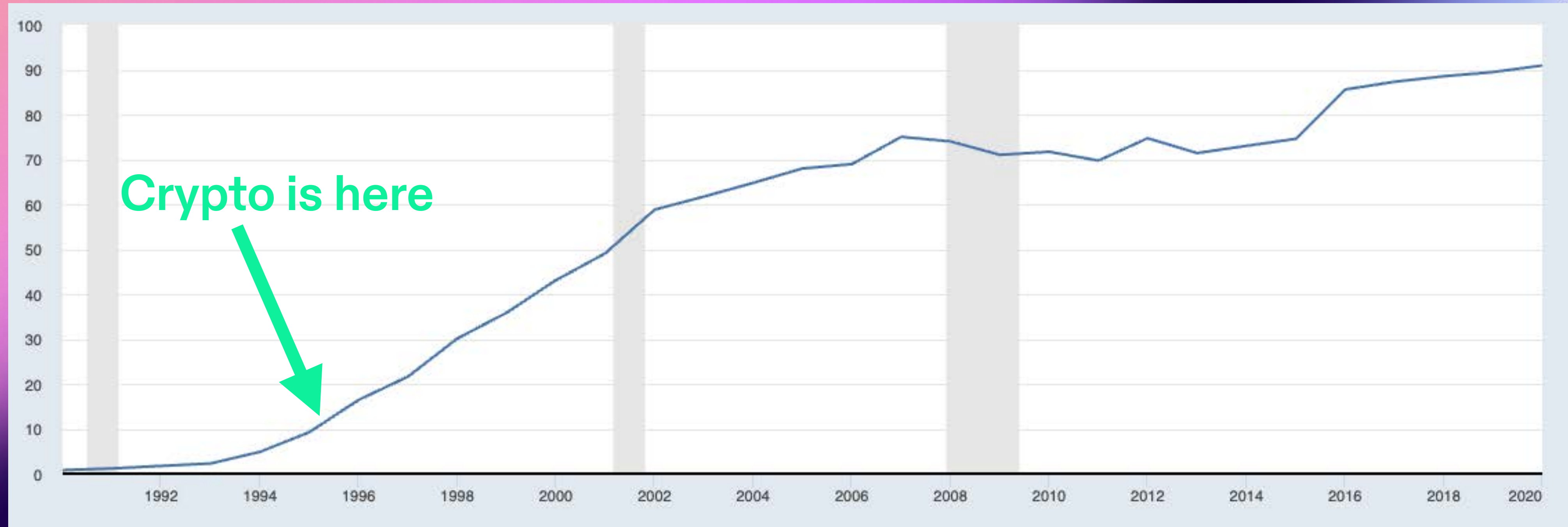
October, 2022

2.7M Peak

Devs on Solana



Where Web3 is headed



Internet users as a % of the U.S. population
from 1990 to 2020

New Paradigms

Games

Games on Solana

1,100

Solana Foundation
Games Day attendees

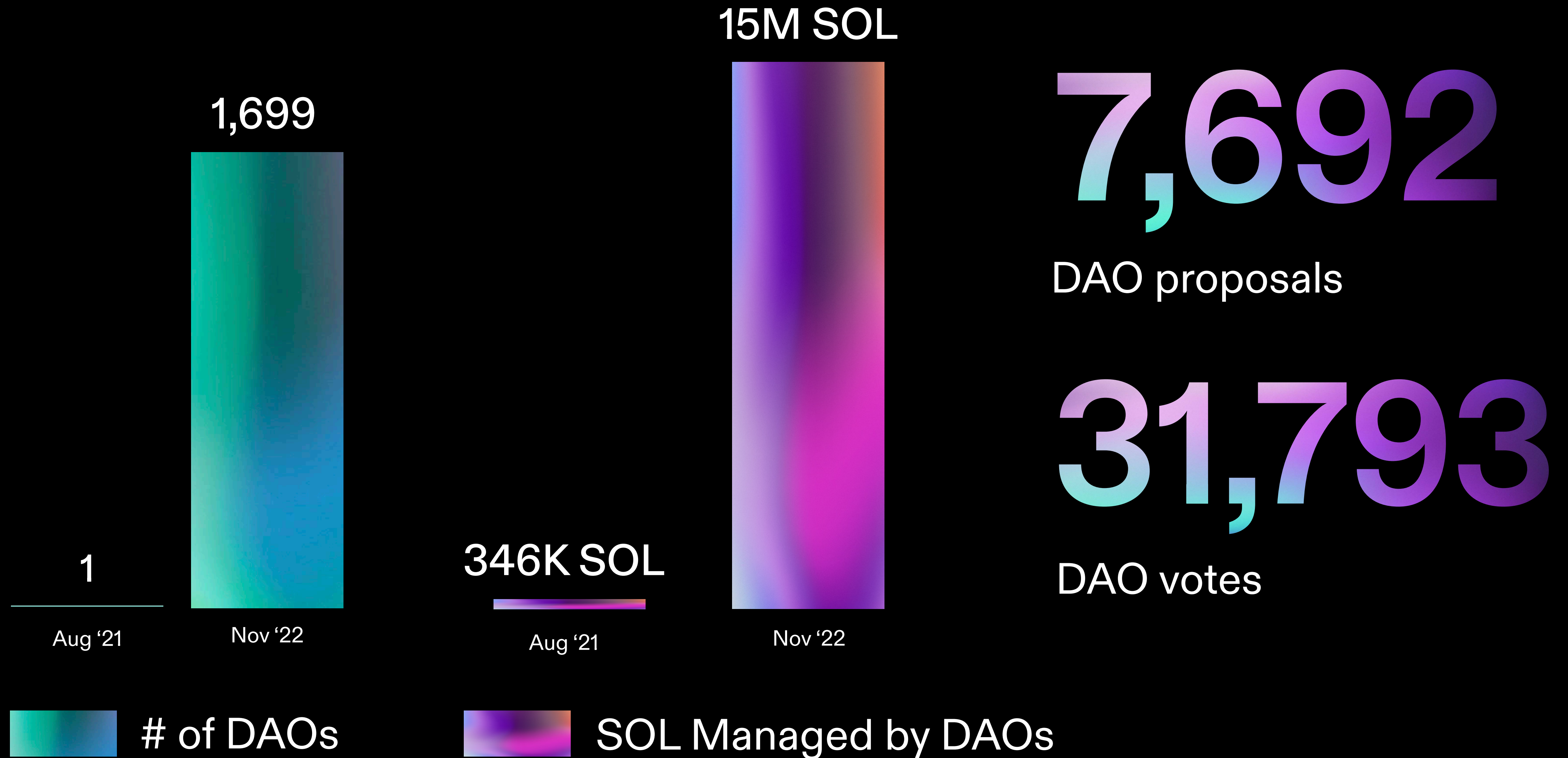
15

Live games now
(37 expected by March)

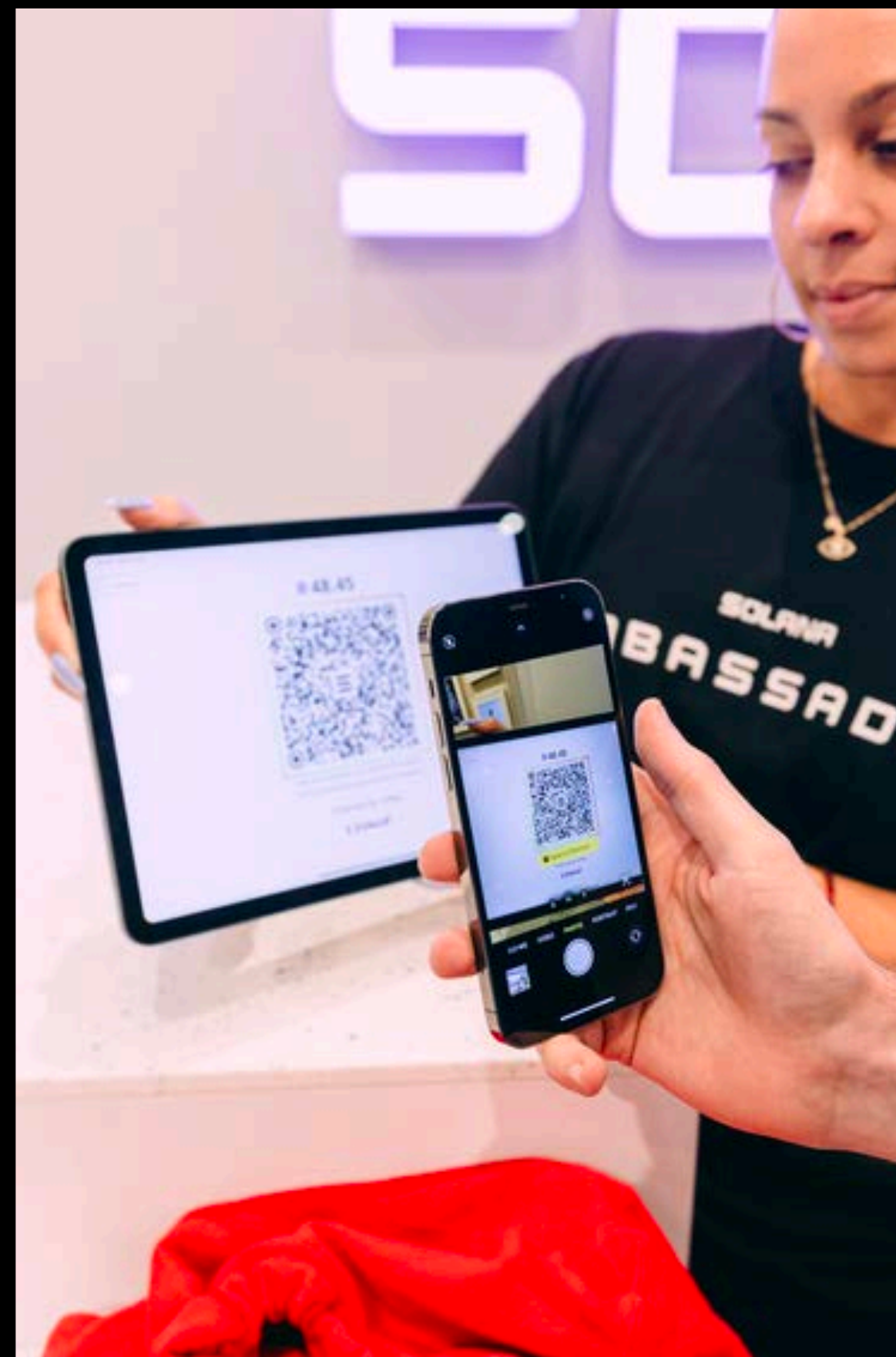
50+

Projects in
Solana Games Kit

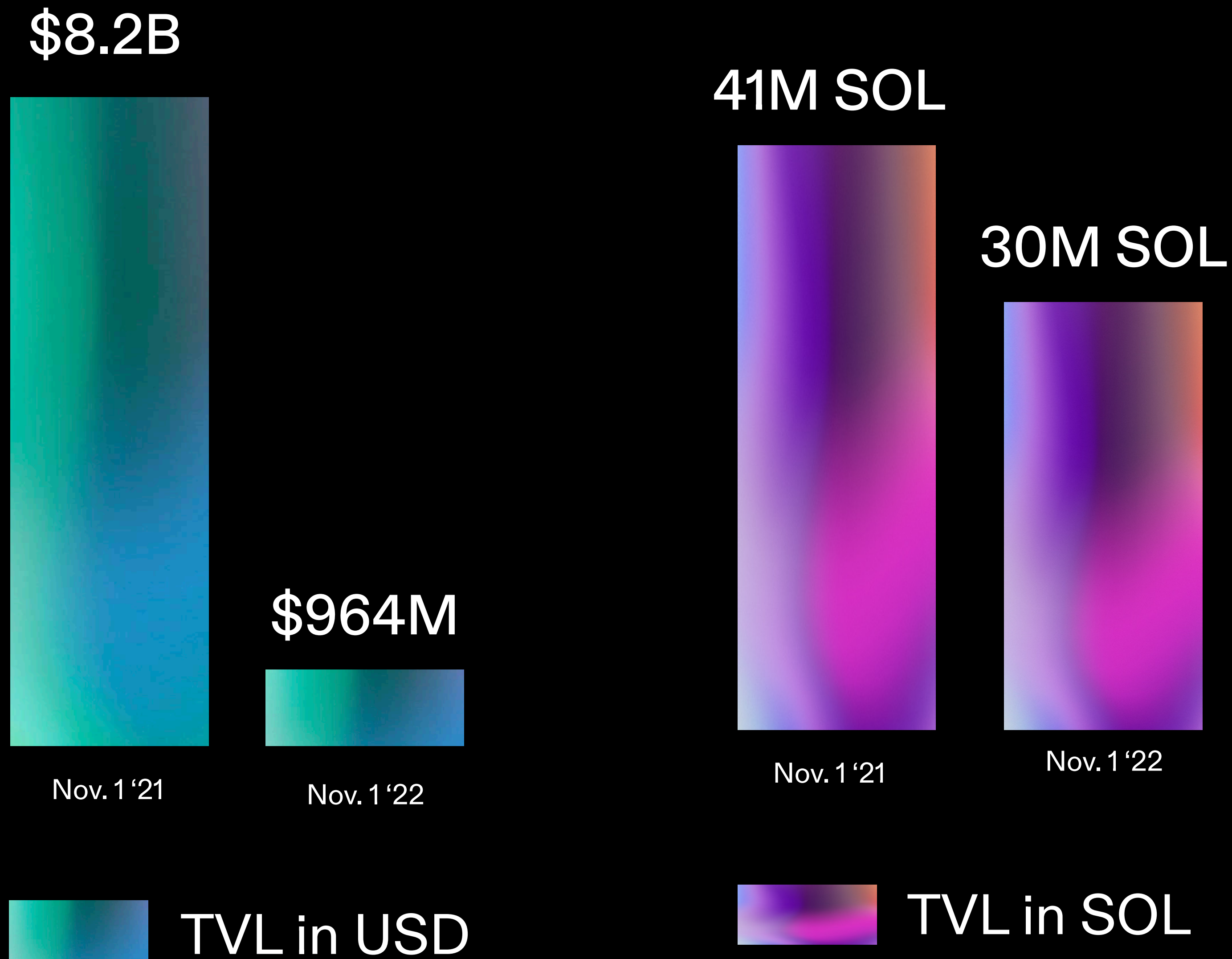
DAOs on Solana



Payments on Solana




DeFi on Solana



\$150M+

Raised for DeFi projects
on Solana in 2022



NFTs

NFTs on Solana

\$1.1B

Primary Sales

\$2.5B

Secondary Sales

21.9M

NFTs Minted

7.2M

Wallets

150K

Creators

Where Solana is headed

The hard
problems being
solved now

The hard
problems yet to
be solved

Mobile

Saada

Dev kits

Shipping in mid-December



Production units

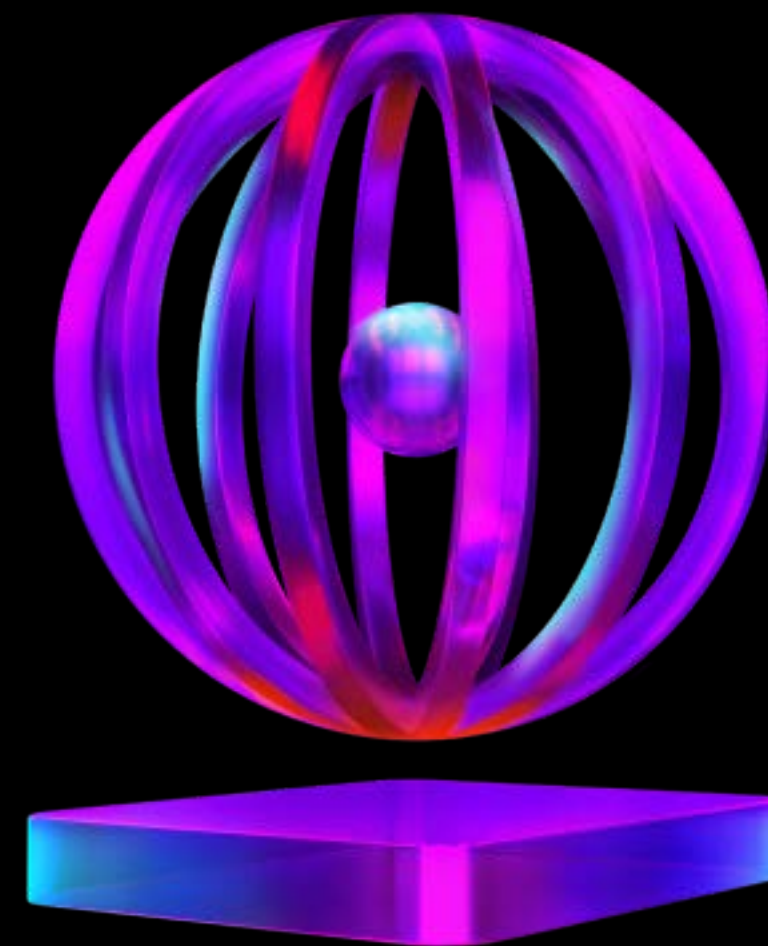
Shipping in early 2023

Solana Mobile Stack



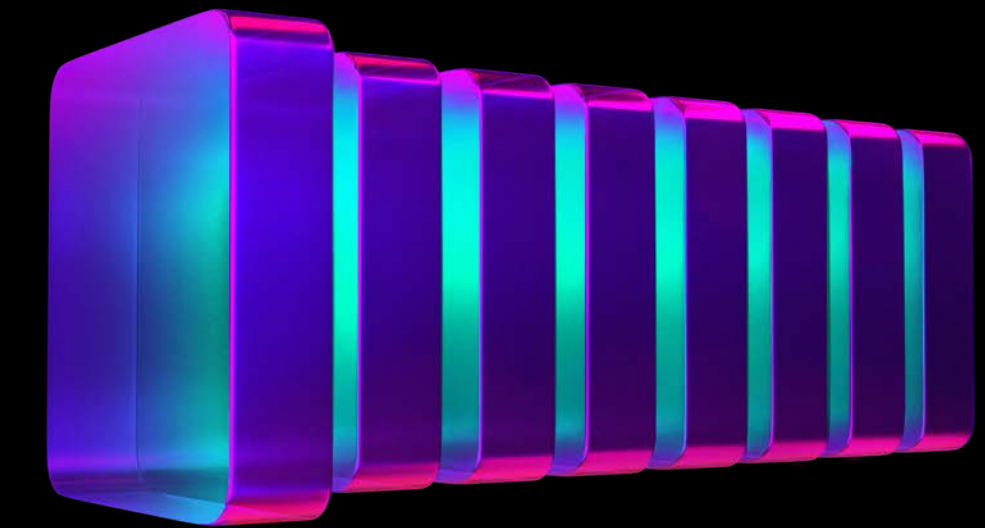
Live now!

Seed Vault



Saga dev kits
to support Seed Vault

Solana dApp Store




Submissions in
January



1 Global State Machine

2.5 Years Live

11 Major Releases

- 
- **1.7 - Replay stage performance optimizations**
 - **1.8 - Transaction cost model**
 - **1.9 - Optimized leader QoS service**
 - **1.10 - Fee markets & QUIC server**
 - **1.13 - QUIC client**

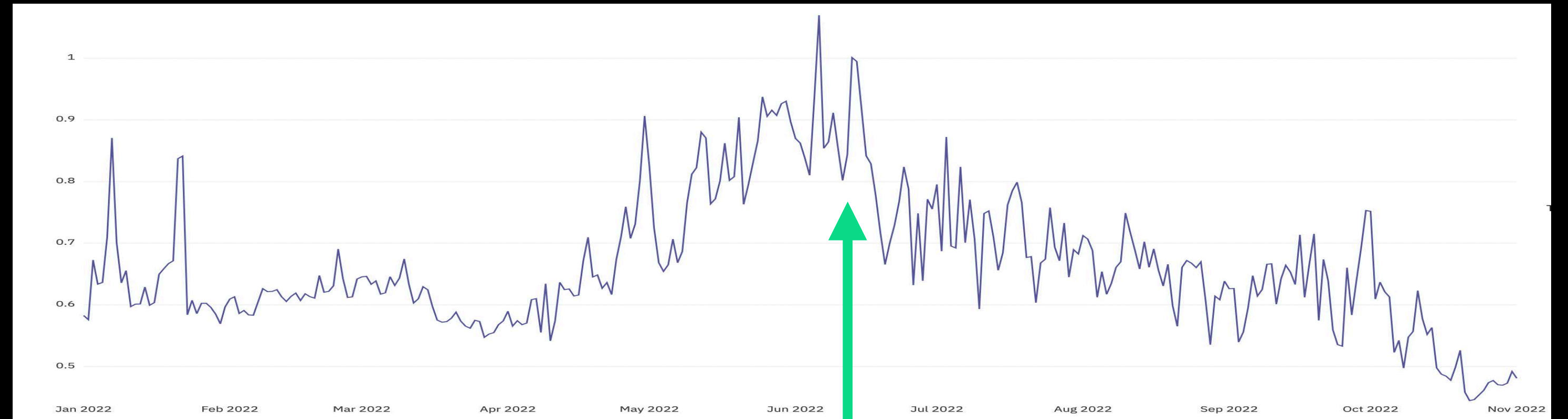
Activity on Solana

112B

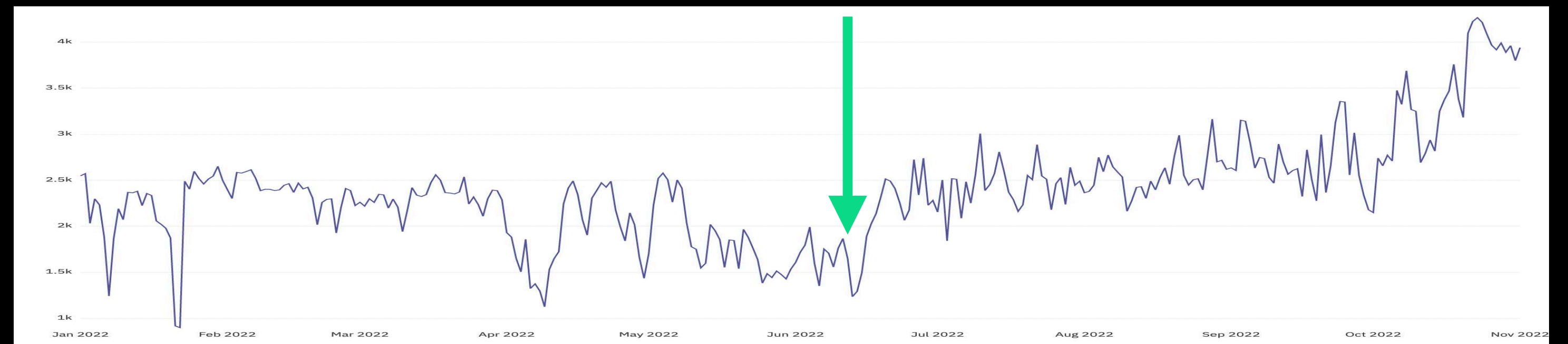
Nov. 5, 2022

Total transactions
(vote + non-vote)

Average time to produce a block in 2022



1.10



Transactions (vote+non-vote) per second in 2022

The Hard Problems Being Solved Now on Solana

Reliability

QUIC

QoS

Local fee markets

Firedancer

Jito

Mango

Programmability

Token22

Move / Solidity

Seahorse

SMS

Coral (Anchor)

The Hard Problems Being Solved Now on Solana

Performance

- Deterministic turbine
- Zero-copy runtime
- Replay optimizations
- Tx scheduler

Security

- Seed Vault
- More Validators
- Automated Audits

The Really Difficult Bombs

The Really Difficult Bombs: Programmability

Formal Verification

Provable security guarantees

Type-Rich Bytecode

Eliminates Cross Program Invokes between programs

Dynamic Pricing for Storage

Enables validators to configure expected state size

The Really Difficult Bombs: Network Level

Diet Clients

Safety guarantees from
validator minority

Bankless Leaders

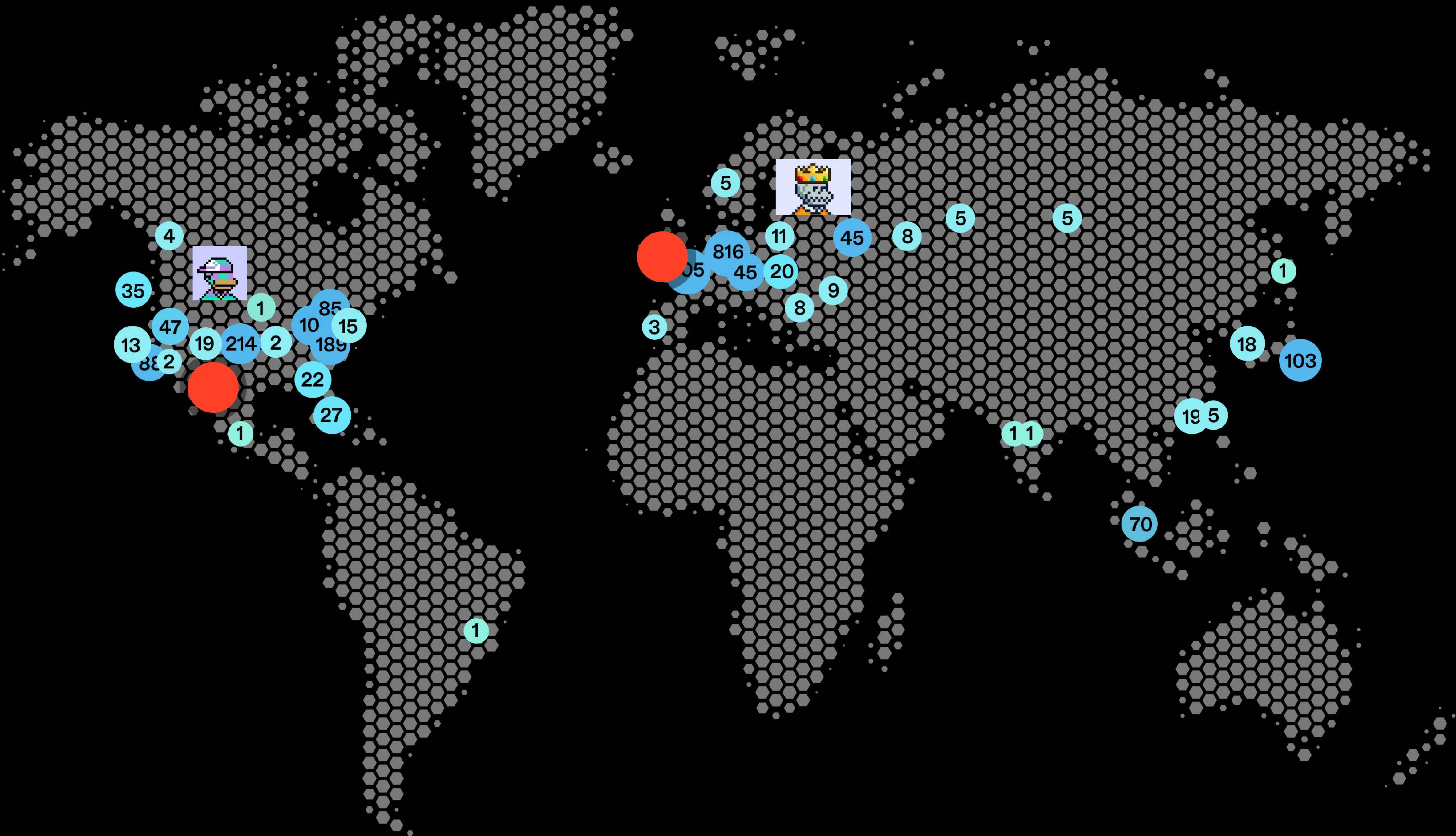
Block production
without transaction
execution

APEX

Separates
program execution
from fork selection

THE MOTHER OF ALL DIFFICULT BOMBS

Multiple Concurrent Block Producers



**Consensus
at the speed of light**

Thank you!