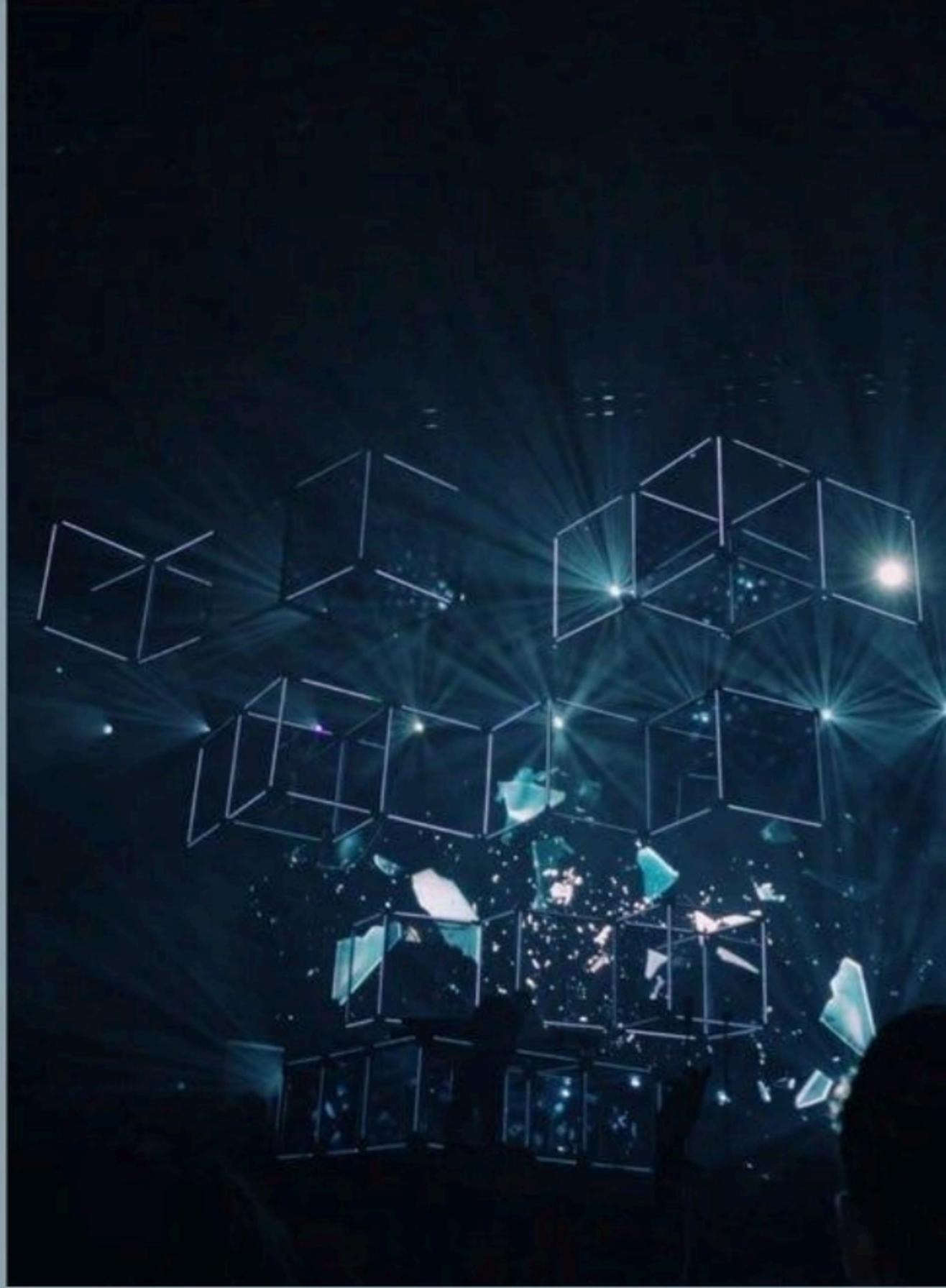# Mysten Labs

We create foundational infrastructure to accelerate web3 adoption

Who are we?

- We are ◢ senior leaders from Facebook's advanced blockchain R&D org.

- We have experience from Apple, Microsoft, VMWare, Corda / R3, crypto startups including Chainspace, Vega, Nym.

- We are team leaders, product builders, experts in systems, cryptography, programming languages, and verification.

- We are bringing top level talent to realize our imagination with world leading research and best engineering practices.

Evan Cheng - CEO

Senior Director of R&D - Novi Research (Facebook)

- Recipient of 2012 ACM Software System Award
- Previously Apple
- Advisor to Chainlink, Quantstamp, Zilliqa

Sam Blackshear - CTO
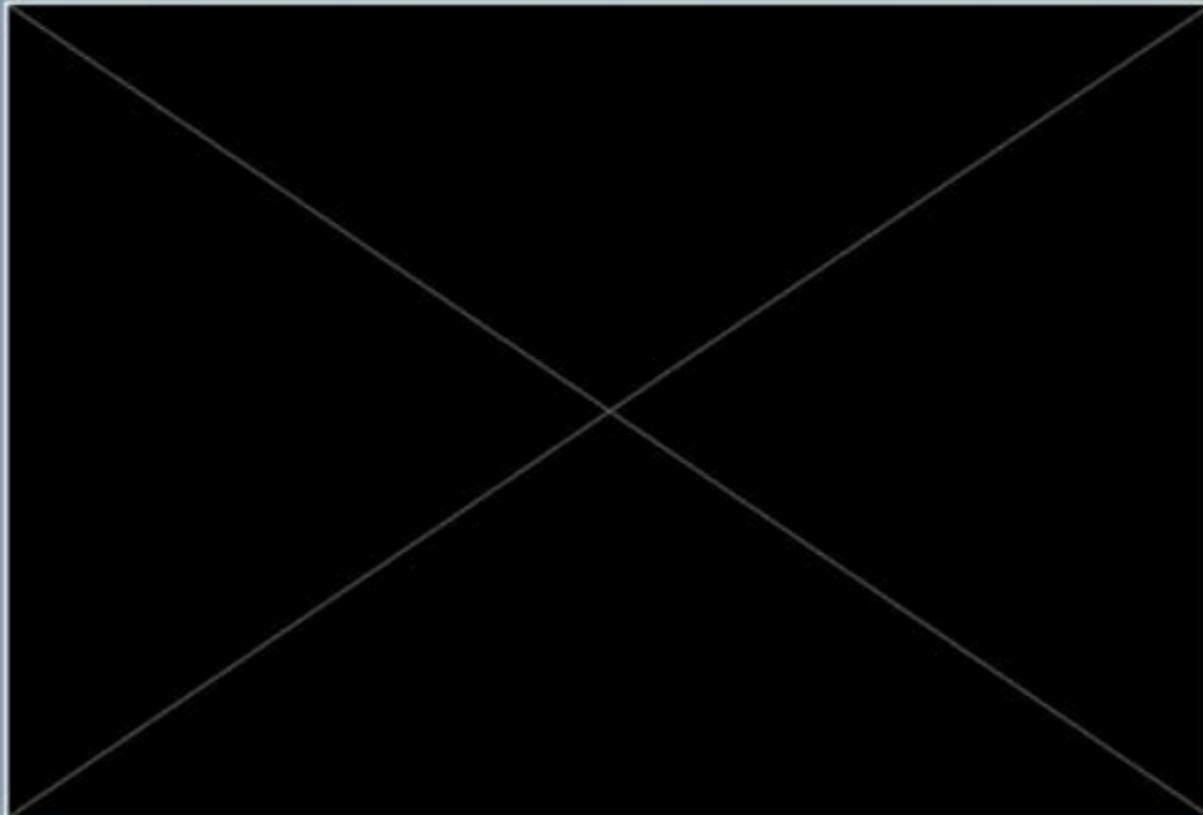
Principal Engineer - Novi Research (Facebook)

- Tech lead of Move platform - a modern and safe smart contract language for Diem
- One of the youngest principal engineers at Facebook
- Recipient of 2014 Facebook Fellowship

Adeniyi Abiodun - COO

Senior Staff Product Manager - Novi Research (Facebook)

- Product lead of Novi Research, leading cutting edge web3 / crypto R&D initiatives at Facebook
- Head of Product Management of Oracle and VMWare blockchain platforms
- Founded and launched a cloud based bitcoin mining company in 2012

George Danezis - Chief Scientist

Professor of Security and Privacy Engineering at University College London

- Previously Principal Research Scientist at Novi Research (Facebook) where he led all systems and security R&D
- Co-founder of layer 1 startup Chainspace.io, which was acquired by Facebook in early 2019
- Adviser of Vega, Nym, and Celestia
- Published over 100 papers since 2000 on security, privacy and applied cryptography,

Problem
Web3 infrastructure complexity adds unacceptable friction

Platform design mistakes

Dev outgrowing Solidity/EVM
Slow, high-cost audits increase
time to market

Fragmentation

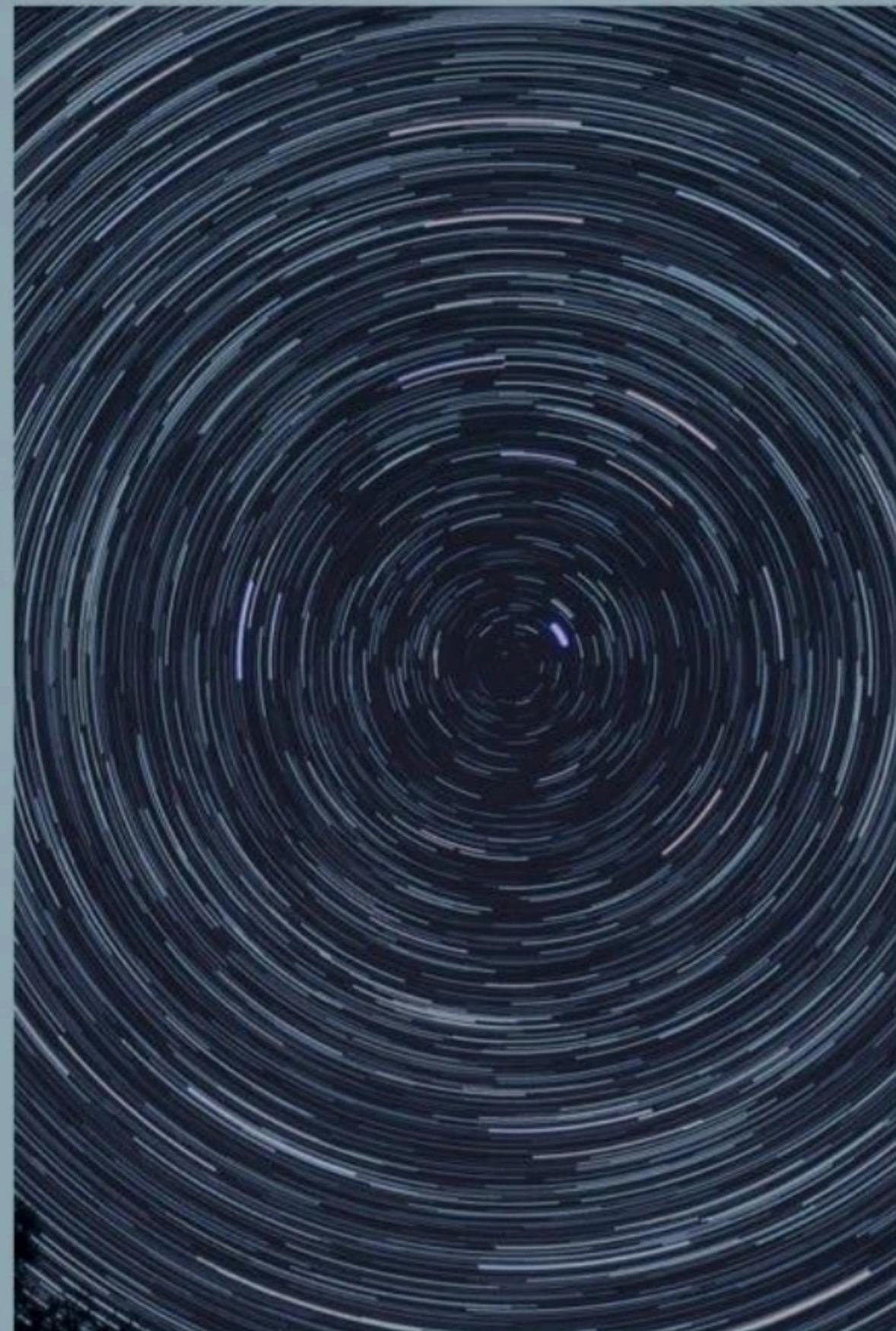Contracts and assets are hard
to reuse / move across L1's
and L2's

User unfriendliness

Mobile integration is clunky.
Self custody is scary for
non-experts.

Our solution
Polaris web3 platform

- Rather than taking a bottom up approach (e.g. a new L1), we are **launching and monetizing one interconnecting building block at a time**.

- The Polaris web3 platform **abstracts away all L1 & L2 complexities**, enabling developers to build, deploy, manage their web3 products.

- We will **launch the Polaris web3 platform on top of the "best stacks"**. It consists of all the layers of plumbing delivered by us and our partners.

Closer look at GTM Strategy

- We are taking advantage of the unique crypto economics model to productize Polaris components one by one.
  - Launch: components with service / tokenization model built-in are being built as open networks.
  - Co-development: components can be connected to existing networks to deliver major functionality or performance wins.

- ▨▨▨▨▨ is our first open network project.
  - ▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨
    ▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨▨
    ▨▨▨▨▨▨▨▨▨▨▨▨▨

- **Narwhal** is our first co-development project.
  - Order of magnitude transaction throughput increase for PoS blockchains.
  - Finishing engineering work in Q4 2021.
  - Completing integration with a major L1 in Q4 2021.
  - In exchange for first mover advantage, our L1 partners will grant Mysten Labs ▨▨▨▨▨ in network tokens

- **Move** integration next.
  - Bringing modern smart contract to the ecosystem.
  - In late stage discussion with partners.

The Polaris Stack

Polaris SDK

Move / Narwal native L1

celo

SOMMELIER

OTHERS

New Network

Polaris L1

Legend

Decentralized, token based networks launched and monetized by Mysten Labs

Strategic co-developments / partnerships with leading L1's & L2's
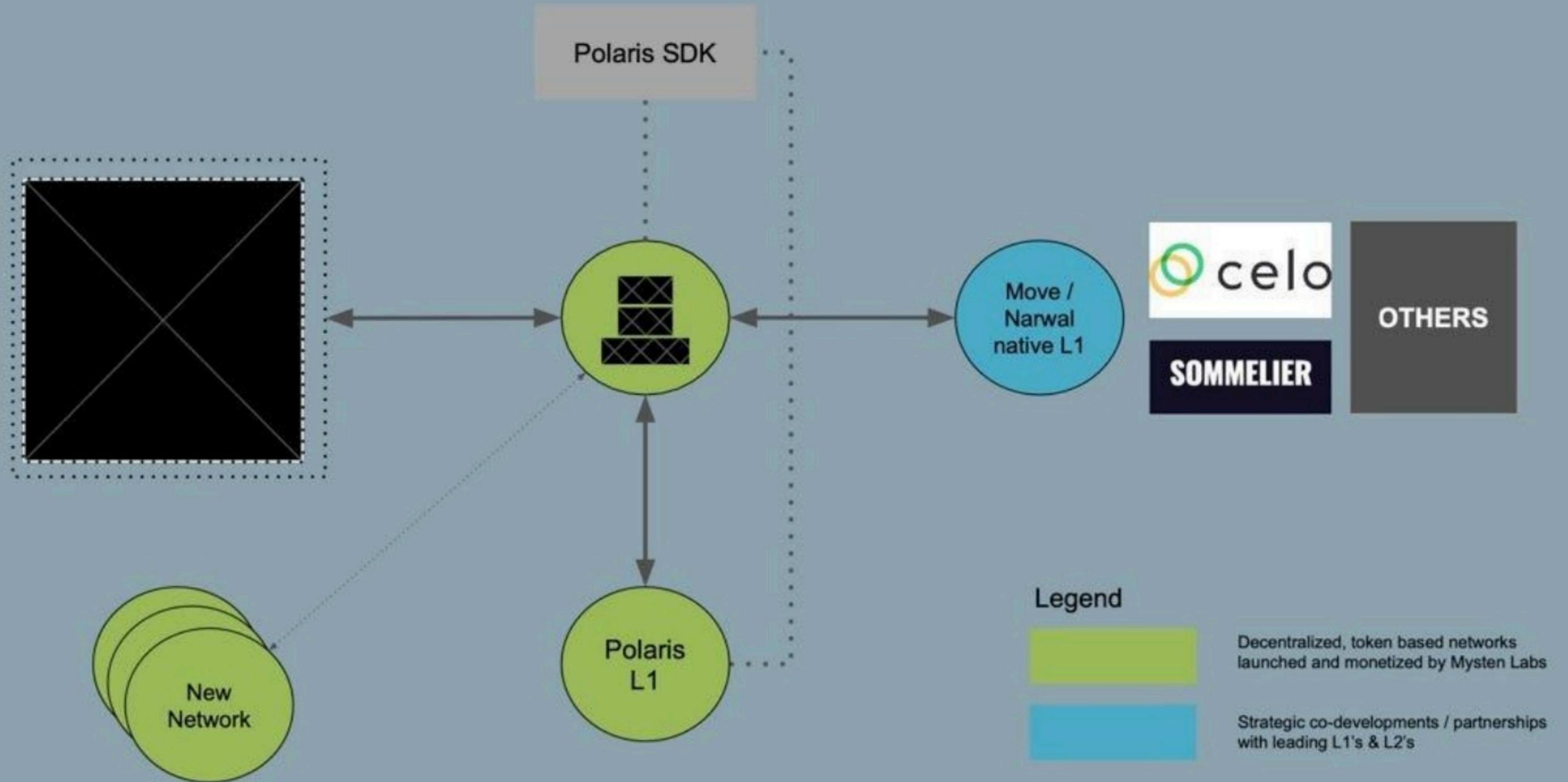
Road to Polaris

- **2021/22**
  - **Network Launch**
    - **Launch ▨▨▨▨ network & token ▨▨▨▨▨▨▨▨**
  - **Ecosystem**
    - Deploy Move, KELP, Narwal & Tusk into L1 networks, [CELO](#) and [Sommelier](#)
      - In return for ▨▨▨ Million stake in partner networks

- **2023**
  - **Ecosystem**
    - Continue to deploy Move, KELP, Narwal & Tusk into 3 networks (L1 & L2)
      - In return for significant stake in partner networks
    - R&D ground breaking protocols (hyper scale bft, advanced cryptography etc)

- **2024**
  - **Network Launch**
    - Release full Polaris SDK (rich frameworks for Move smart contract developers)
    - **Launch Polaris 1.0 network and token** on top of ecosystem of Mysten partner networks.
  - **Ecosystem**
    - Continue to deploy Move, KELP, Narwal & Tusk into 4 networks (L1 & L2)
      - In return for significant stake in partner networks
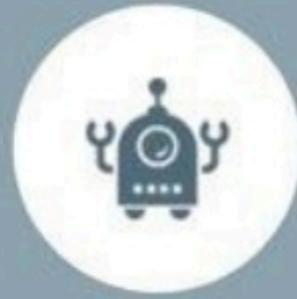
- **2025**
  - **Network Launch**
    - Launch Polaris 2.0 with hyper scalable BFT
  - **Ecosystem**
    - Deploy hyper scalable BFT to partner networks (support thousands of nodes at millisecond latency and high throughput)

Progress in the last two months

Ecosystem & Partnerships

- Celo (co-dev signed)
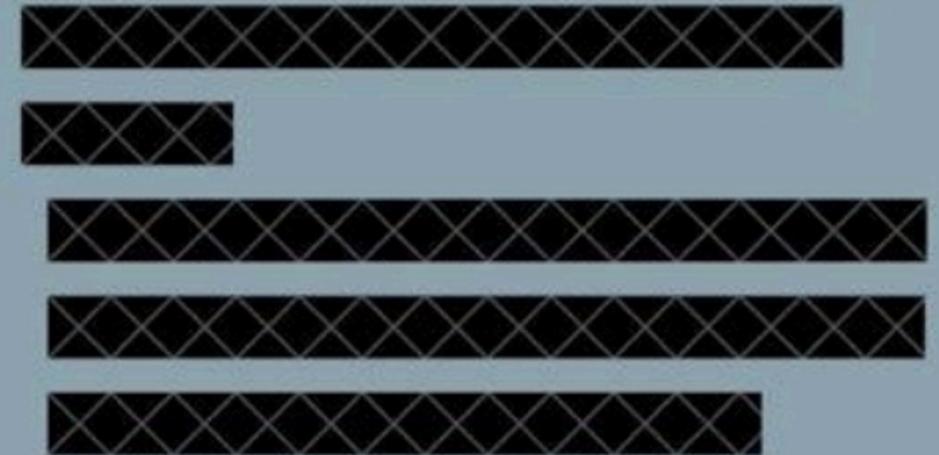- Sommelier.finance (co-dev signed)
- ████████████████████
- ██████████████
- ████████████

Projects

- ████████ core protocol R&D complete, testnet within 6 months. Reached agreements for ████ token stakes in two partner networks for co-developments.

Recruiting

- ████████████████
- ████
- ████████████████
- ████████████
- ████████████

We are Mysten Labs.

founders@mystenlabs.com