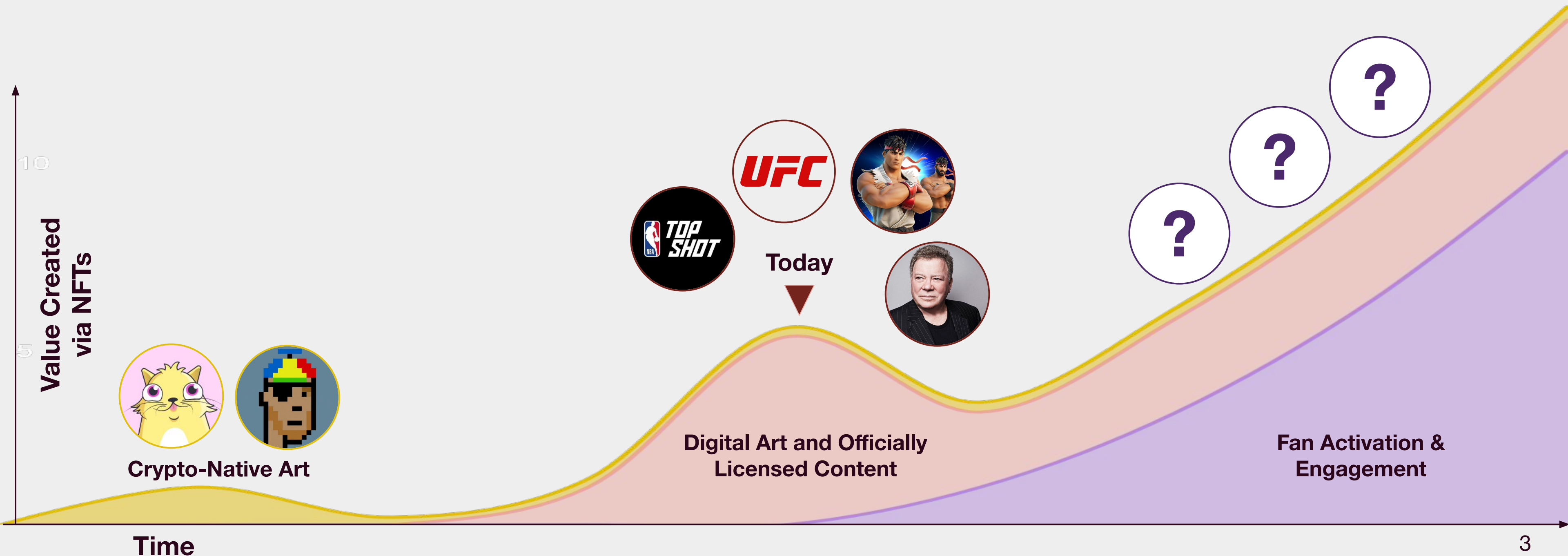Palm
NFT
Studio

HYPERLEDGER
BESU

Intro

Daniel Heyman
Co-Founder,
Palm NFT Studio

Prior to co-founding Palm NFT Studio, Dan was the Co-Founder and General Manager for PegaSys, ConsenSys's protocol engineering division. As the GM for PegaSys Dan grew the organization from a team of 2 into the largest Ethereum-focused research and engineering organization outside of the Ethereum Foundation. During his 4 years at the helm of PegaSys Dan led the design and development of Ethereum 1.0, Ethereum 2.0, and Enterprise Ethereum blockchain protocols, the last of which serves as the foundation for the Palm blockchain.

NFTs Have Reached their MVP Debut

From fringe fad to home for licensed content, NFTs have only just entered the market, but will evolve into the future fan activation tool for leading media brands

Value Created via NFTs

Time

Crypto-Native Art

Today

Digital Art and Officially Licensed Content

Fan Activation & Engagement

Palm Network, the NFT-Optimized Sidechain

The Palm Network is an NFT-optimized Ethereum sidechain designed specifically for the arts and entertainment industries and the open Ethereum ecosystem

The Palm Network is...

...scalable to meet the industry needs

...affordable for all users

...green, reducing emissions by 99%*

...accessible to the average user and creator

...and provides the Ethereum ecosystem the ideal solution for NFTs

* As compared to Proof-of-Work based blockchain networks

Proven Tech, Fit–for–Purpose

The Palm Network is built on the back of proven, enterprise-grade blockchain technologies developed by leading protocol engineers

- Built on Enterprise Ethereum technology from ConsenSys

- NFT-optimized sidechain

- Fully EVM compatible

- Low and predictable gas fees

- High throughput (100 - 300 tx/s)

- Energy efficiency via iBFT2 consensus

- Fast deposit/withdrawal from Ethereum (est. <5 mins pending network congestion)

Built with the Open Ethereum Ecosystem

The Palm Network was designed for the Ethereum ecosystem; our technology and launch partners make it easy for the 130+ million users and thousands of applications to start using the network

Day 1 Compatibilities

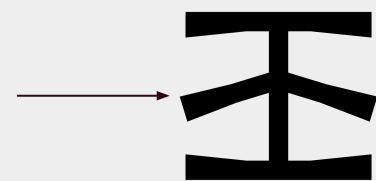#1 developer tool for smart contracts → **TRUFFLE SUITE**

METAMASK ← #1 Ethereum wallet and DApp interface

#1 Ethereum API; providing developer APIs for Palm Network → **INFURA**

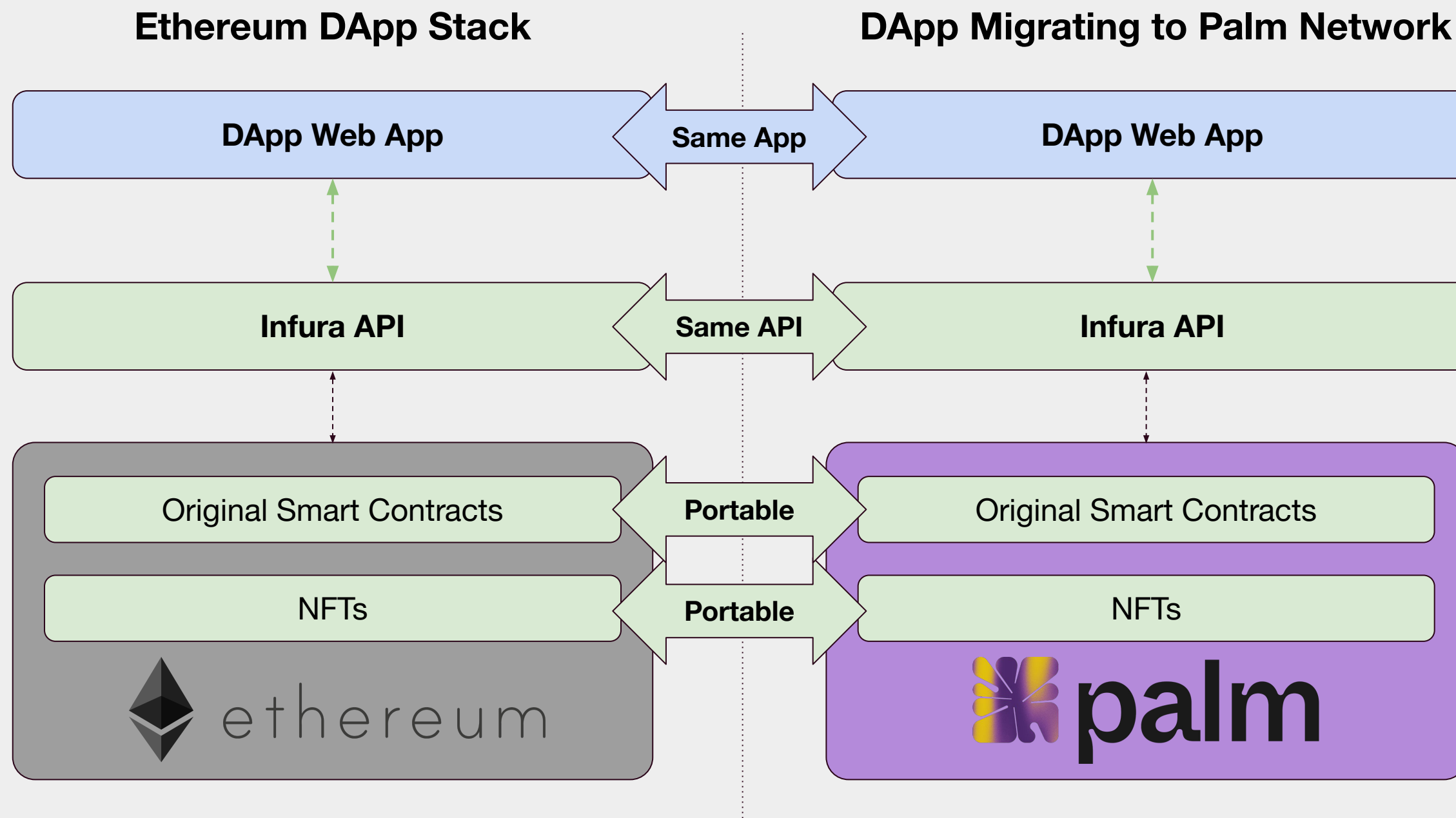**Protocol Labs** ← Leading decentralized storage solution for blockchains and NFTs

CONSENSYS ← Leading Ethereum solutions provider and venture studio

Designed for DApp Portability

An Ethereum-compatible design means DApps and assets built for Ethereum can seamlessly port to/from the Palm Network

Ethereum DApp Stack   **DApp Migrating to Palm Network**

| DApp Web App | ◀ **Same App** ▶ | DApp Web App |

| Infura API | ◀ **Same API** ▶ | Infura API |

| Original Smart Contracts | ◀ **Portable** ▶ | Original Smart Contracts |
| NFTs | ◀ **Portable** ▶ | NFTs |

ethereum   palm

Start Building on Palm

—

Head to docs.palm.io for:

- ❖ Access to Testnet / Mainnet
- ❖ Documentation
- ❖ Guides / Tutorials
- ❖ Partner Information

Palm Network Tech Specs

—

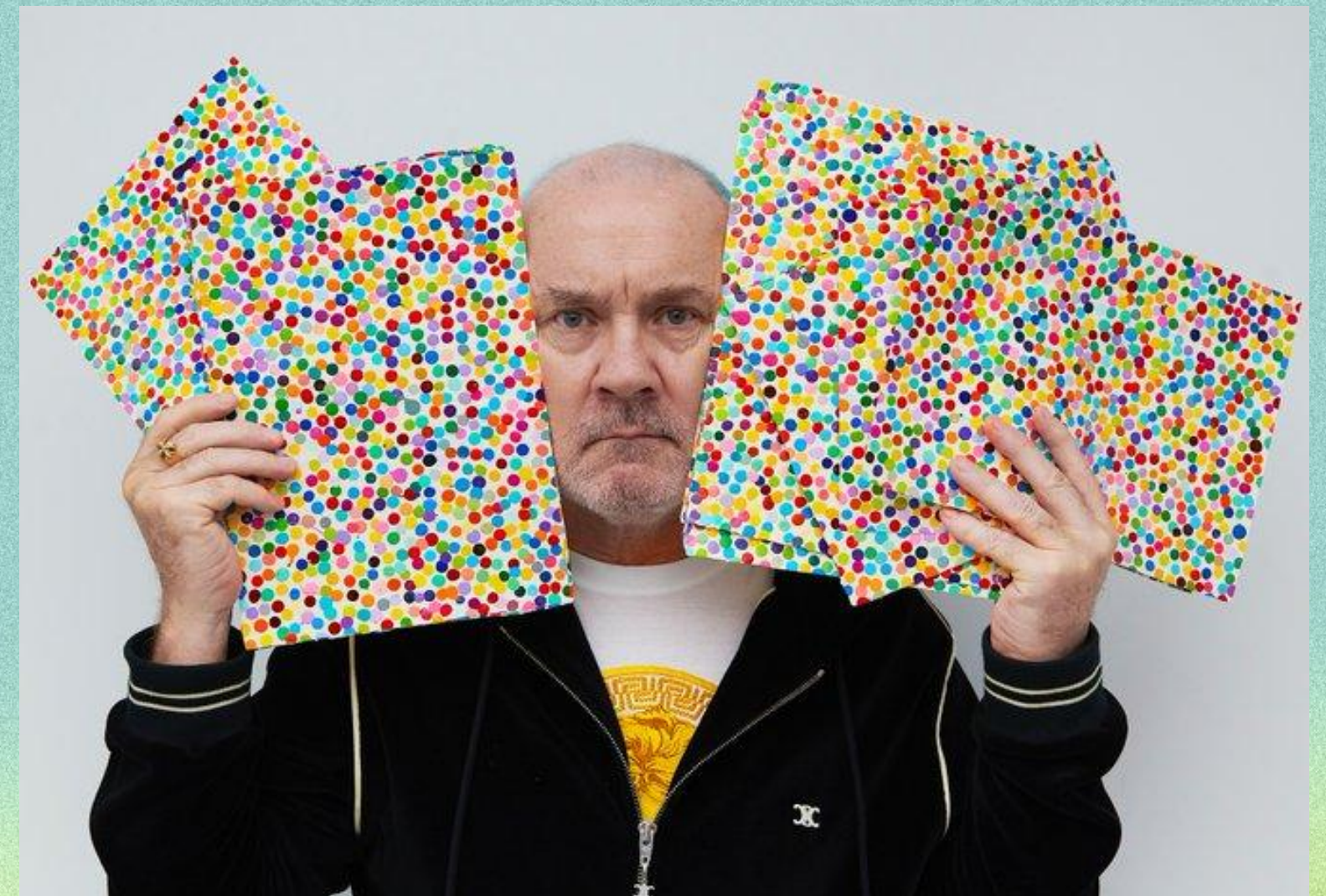|		
Layer 1 Compatibility	⟶	**Ethereum**
Runtime Environment	⟶	**Ethereum Virtual Machine (EVM)**
Smart Contract Language	⟶	**Solidity**
Developer Tooling	⟶	**Compatible with existing Ethereum tools including Truffle, MetaMask, etc.**
Client	⟶	**Hyperledger Besu**
APIs	⟶	**Infura, the #1 API for Ethereum**
Bridge	⟶	**Live to/from Ethereum mainnet**
Network Status	⟶	**Live**

Palm
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Studio

Selected Works

The Currency
by Damien Hirst

❖ 10,000 NFTs that correspond to unique, physical artworks

❖ NFT owners can burn their NFT in exchange for physical artwork

❖ After 1 year, all unclaimed artworks will be destroyed

❖ $20M in primary sale, over $40M in Secondary Market (just from OS)

HENI

Space Jam: A New Legacy

❖ Collaboration with Warner Brothers and Nifty's to promote the new film

❖ 201K NFTs claimed+sold within hours

❖ 146K Social Shares

❖ Peak claims at 5/sec

❖ Additional rollouts happening now

Thank you

Web: https://www.palm.io

Docs: https://www.docs.palm.io

Discord: https://discord.com/invite/3Jn7vSHXbZ

Twitter: @PalmNft

We're hiring! Email us at careers@palm.io