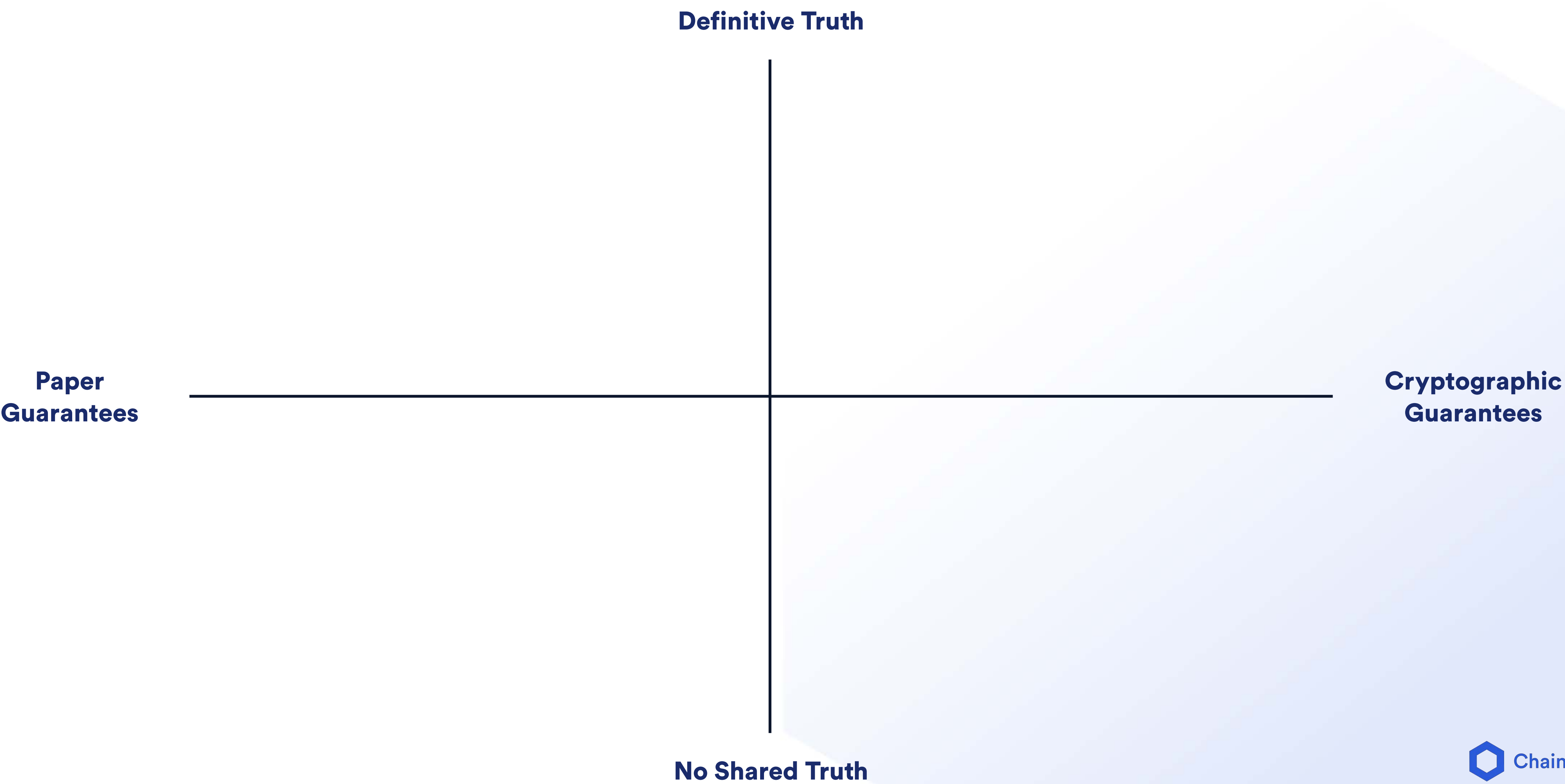


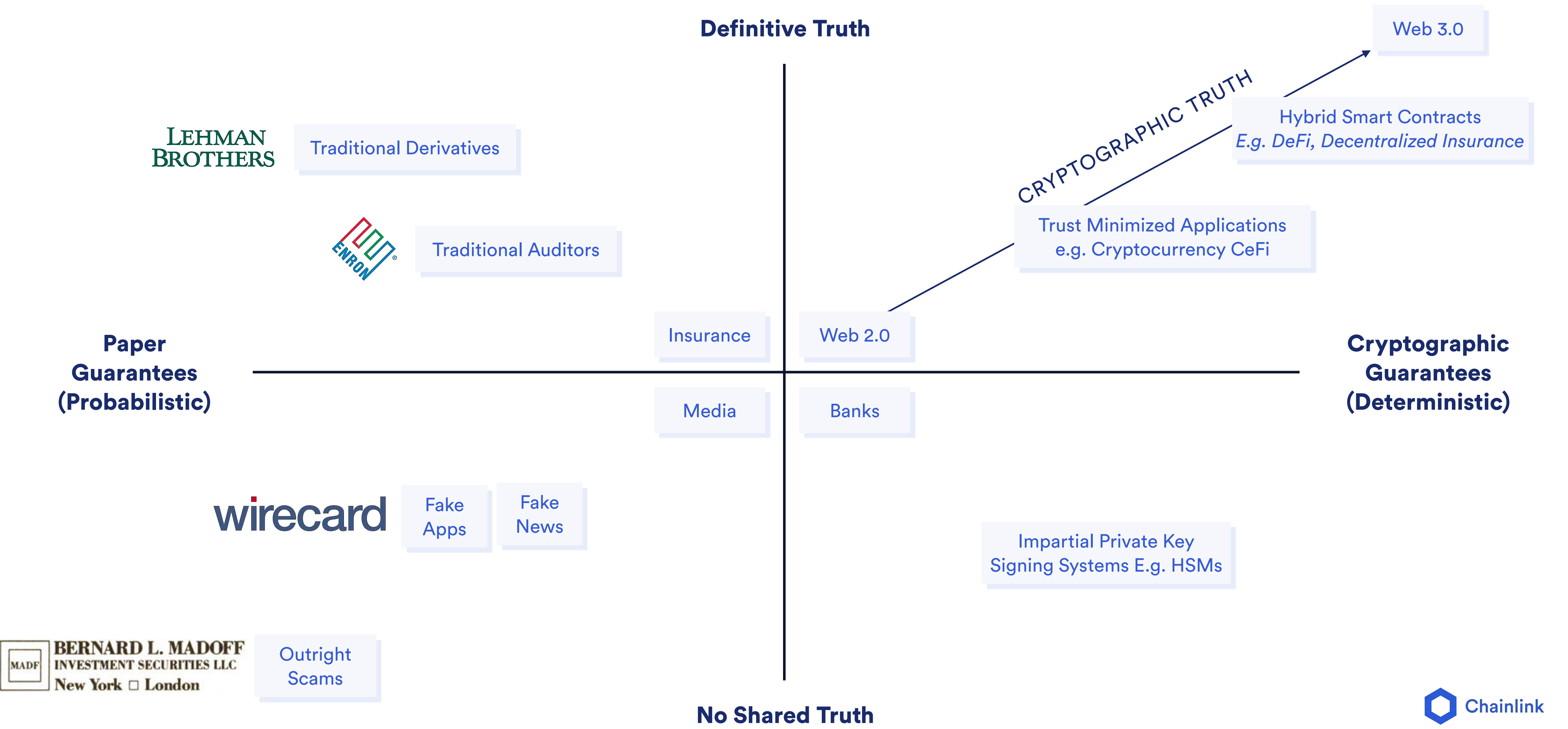


Cryptographic Truth & The Chainlink Network

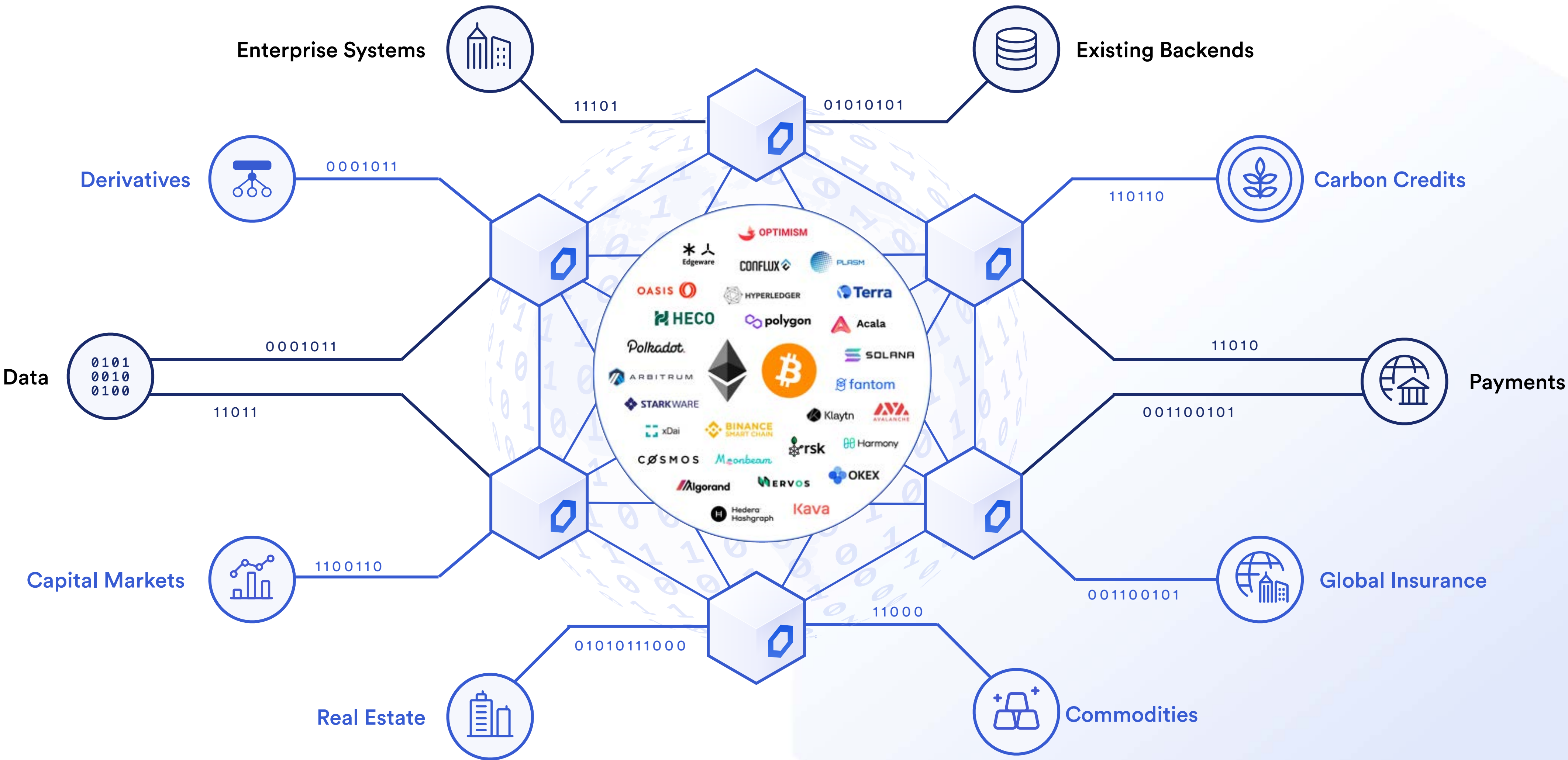
Cryptographic Truth is the Future of All Reliable Agreement



Cryptographic Truth is the Future of All Reliable Agreement



Global Markets will Interoperate via Hybrid Smart Contracts



Weak Paper Guarantees Continue to be Misused by Society

"Henceforth the United States would cease to convert foreign-held dollars into gold."



U.S. Currency Becomes Fully Fiat

1971

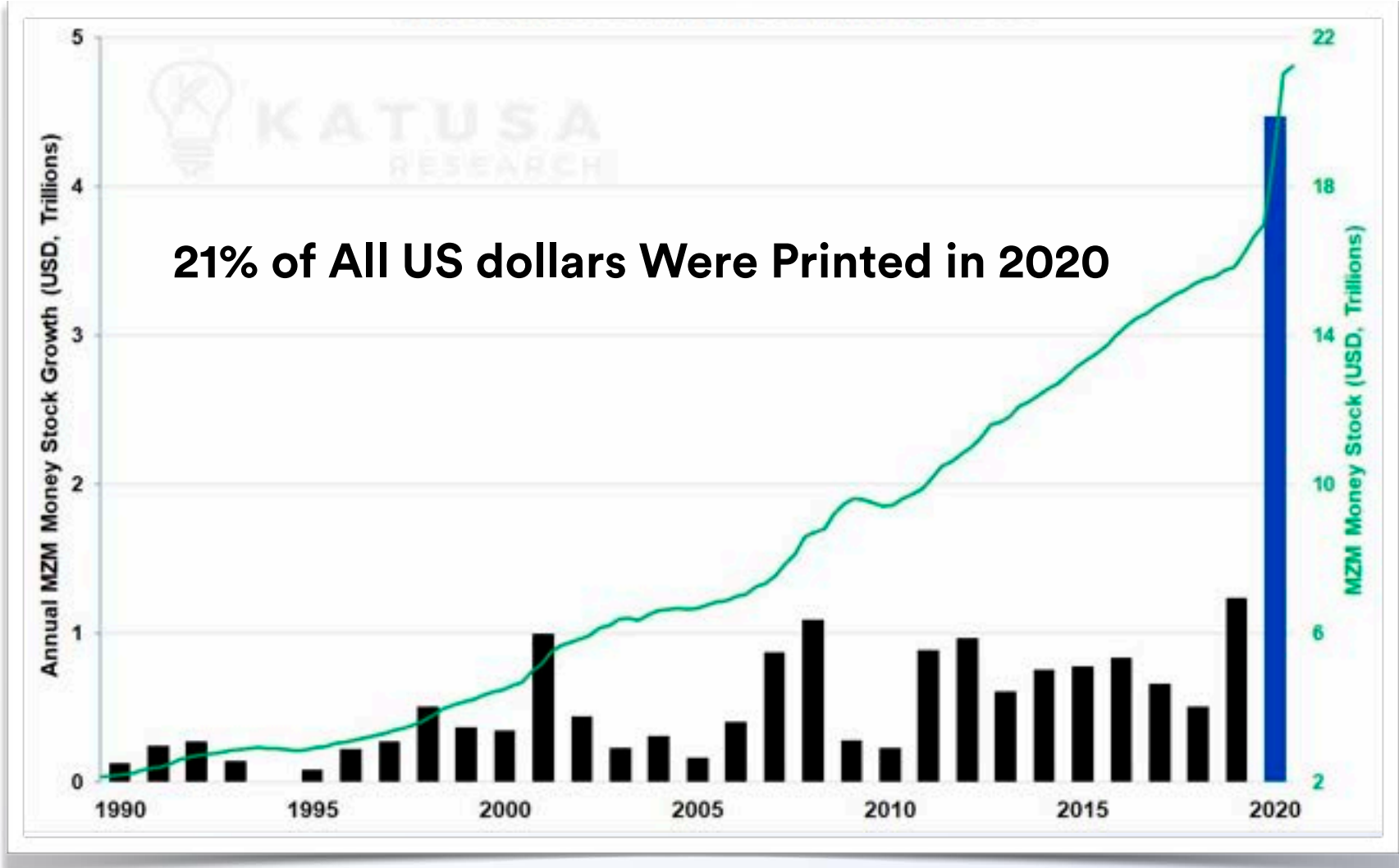
INDEPENDENT

We were two hours from the cashpoints running dry



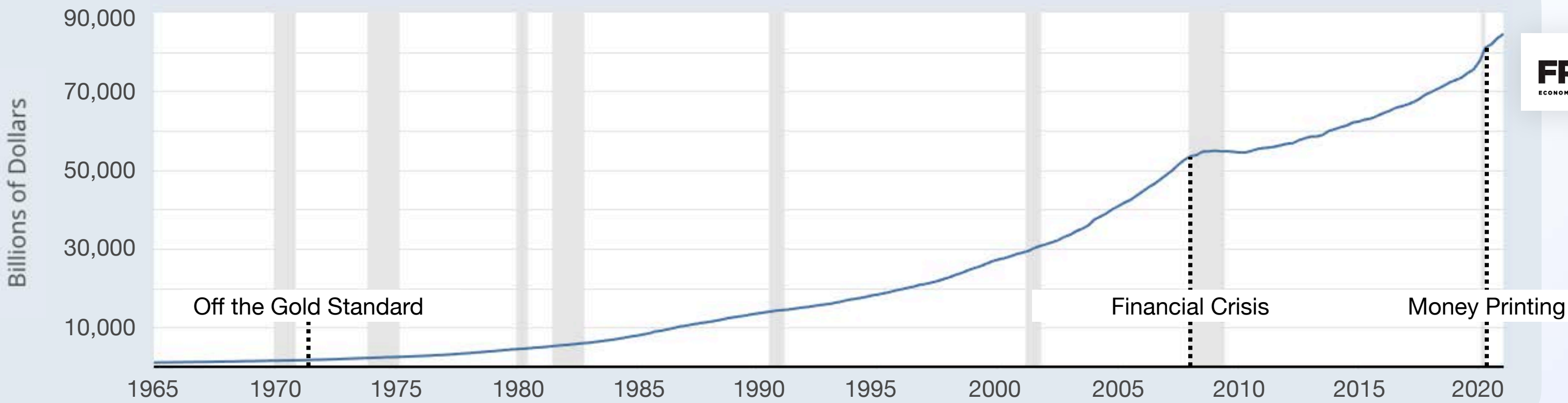
Global Credit Crisis

2008

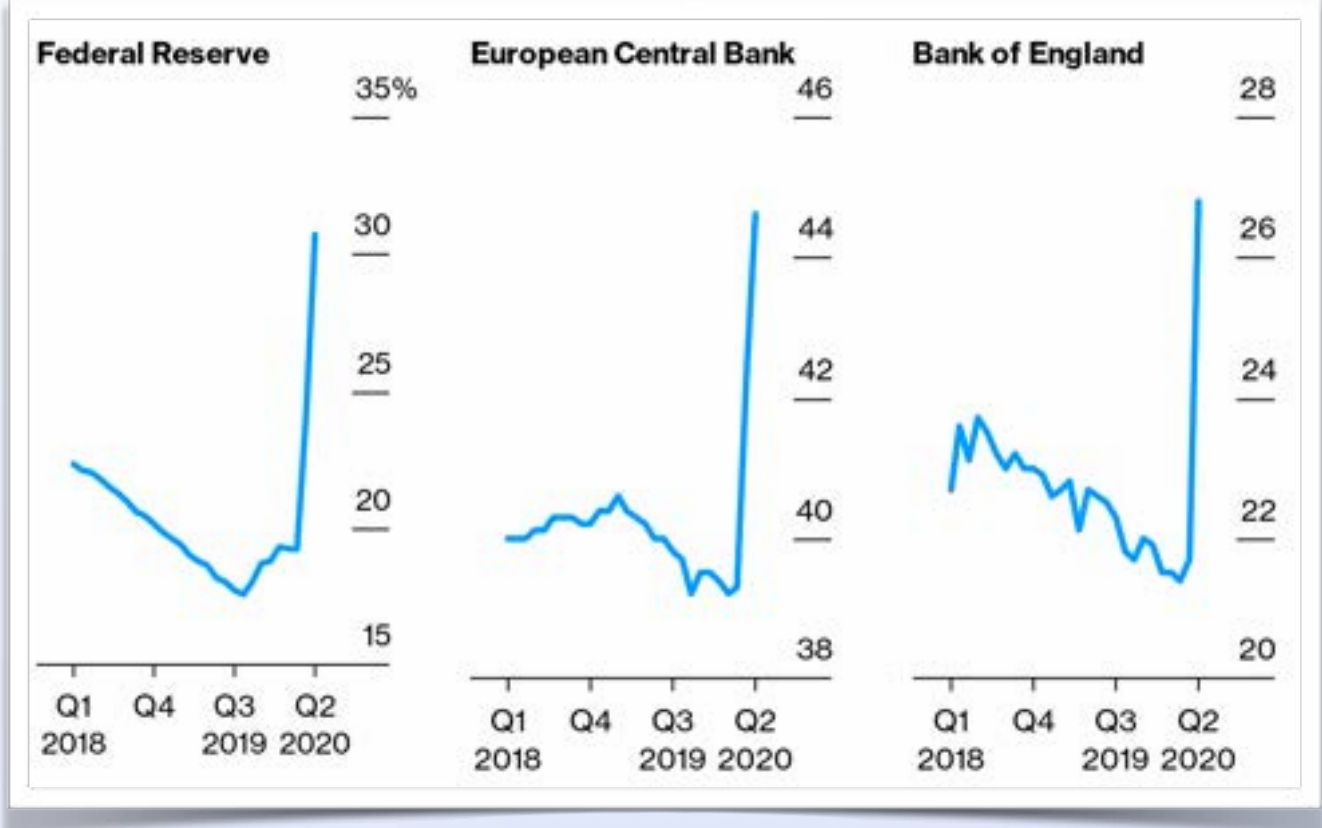


Unprecedented 2020 Money Printing

2020

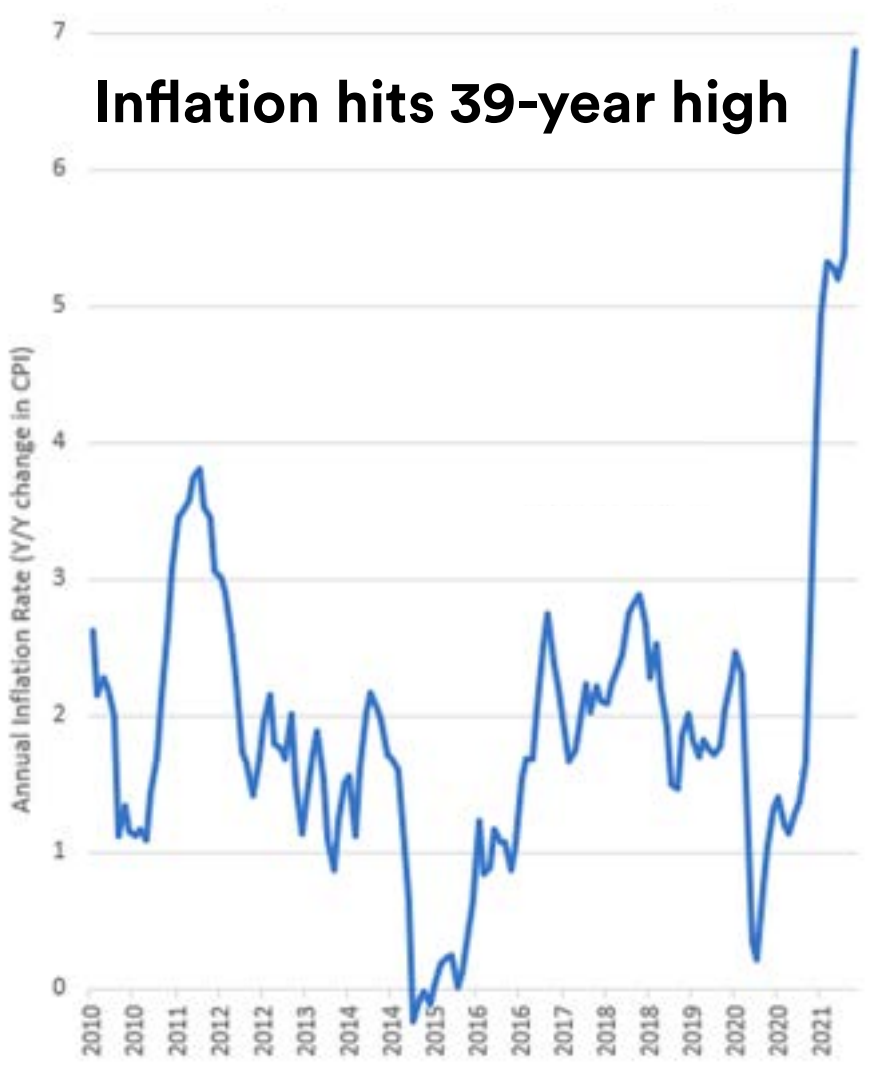


All Sectors; Debt Securities and Loans; Liability, Level.

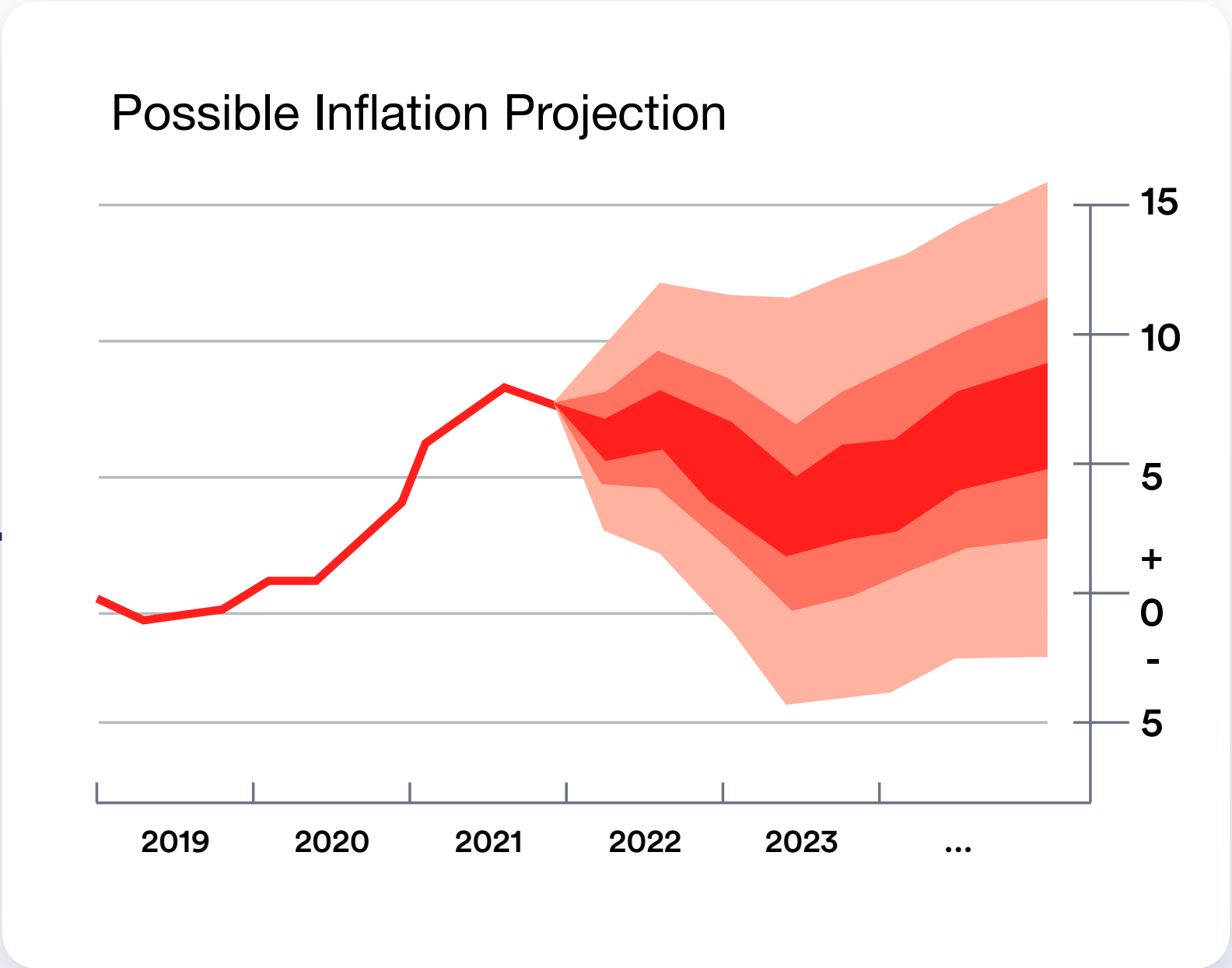


Central bank's balance sheet as share of GDP

Weak Paper Guarantees Continue to be Misused by Society



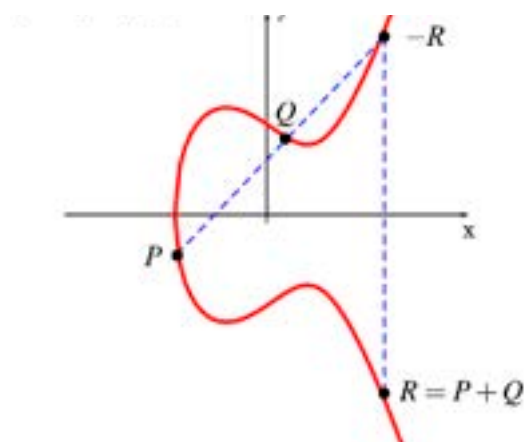
2021



2022



Cryptographic Guarantees



$$y^2 = x^3 + 7$$



2022+

Weak Paper Guarantees



Build a World Powered By Truth

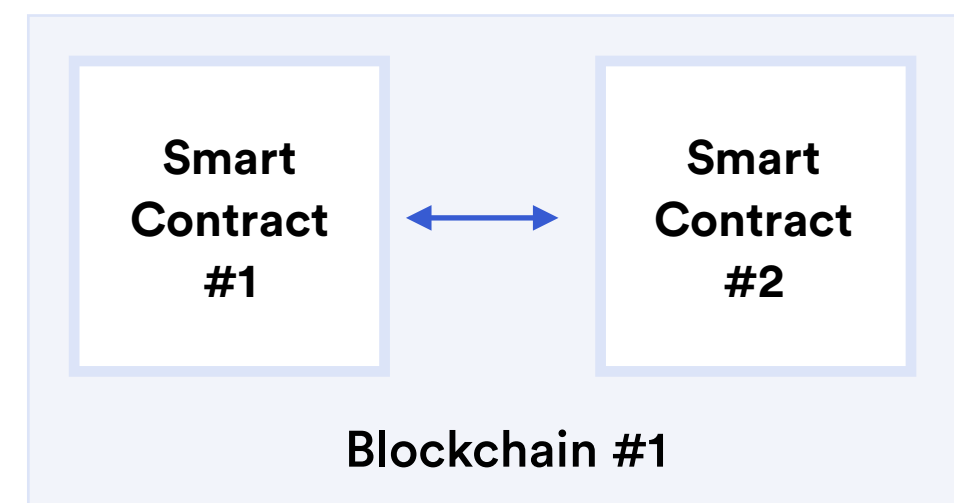
What Defines a Smart Contract Continually Changes/Grows



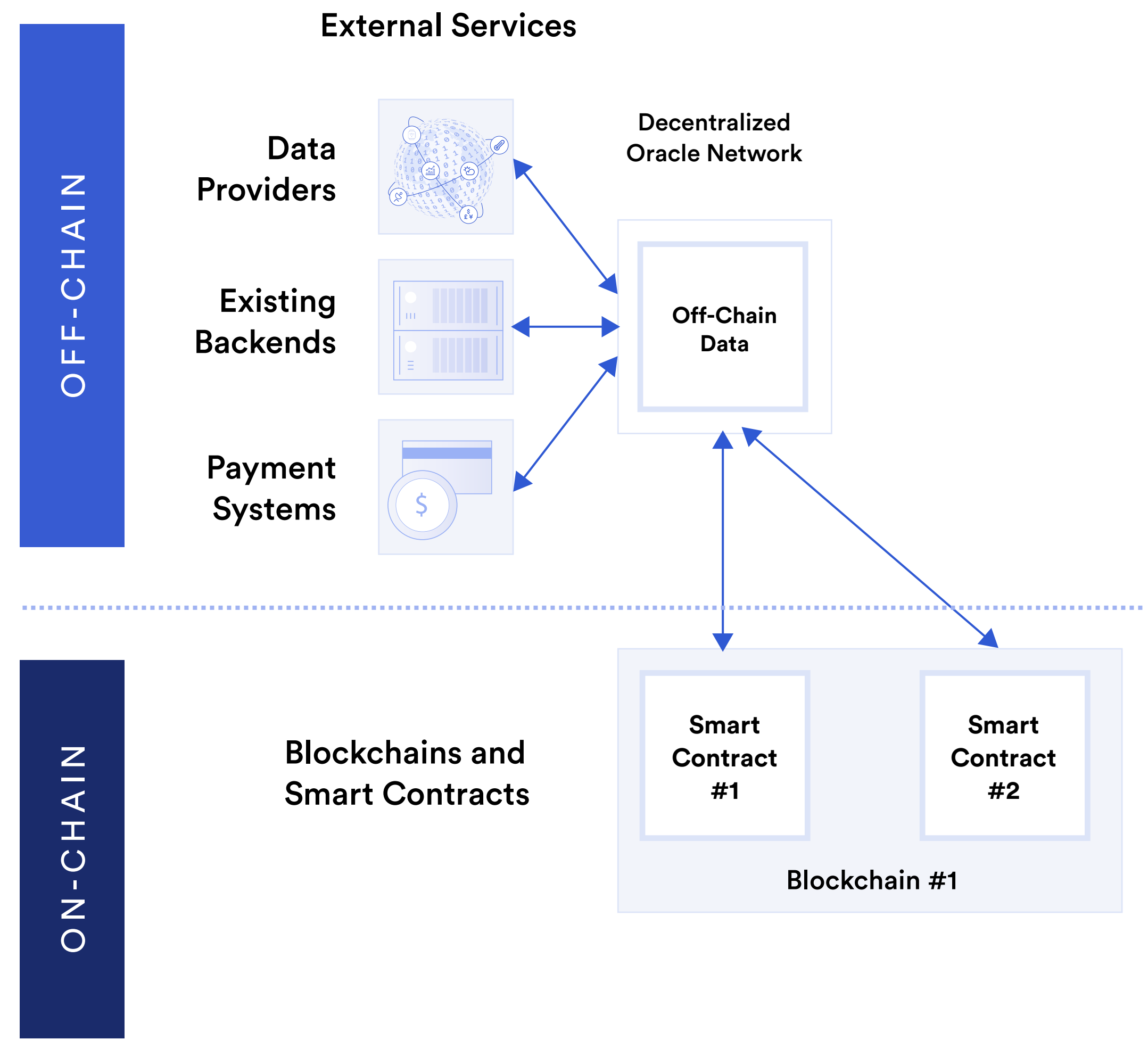
What Defines a Smart Contract Continually Changes/Grows

ON-CHAIN

Blockchains and
Smart Contracts



What Defines a Smart Contract Continually Changes/Grows



Services Building a World Powered by Cryptographic Truth

Highly Validated Data

Price and Market Data

Proof of Reserve Audits

All Off-Chain Data

Chainlink Network

+ hundreds more

DeFi Contracts + CeFi

Wrapped Assets

New Hybrid Smart Contracts

Gaming Contracts

DeFi Contracts + CeFi

New Hybrid Smart Contracts

DeFi Contracts + CeFi

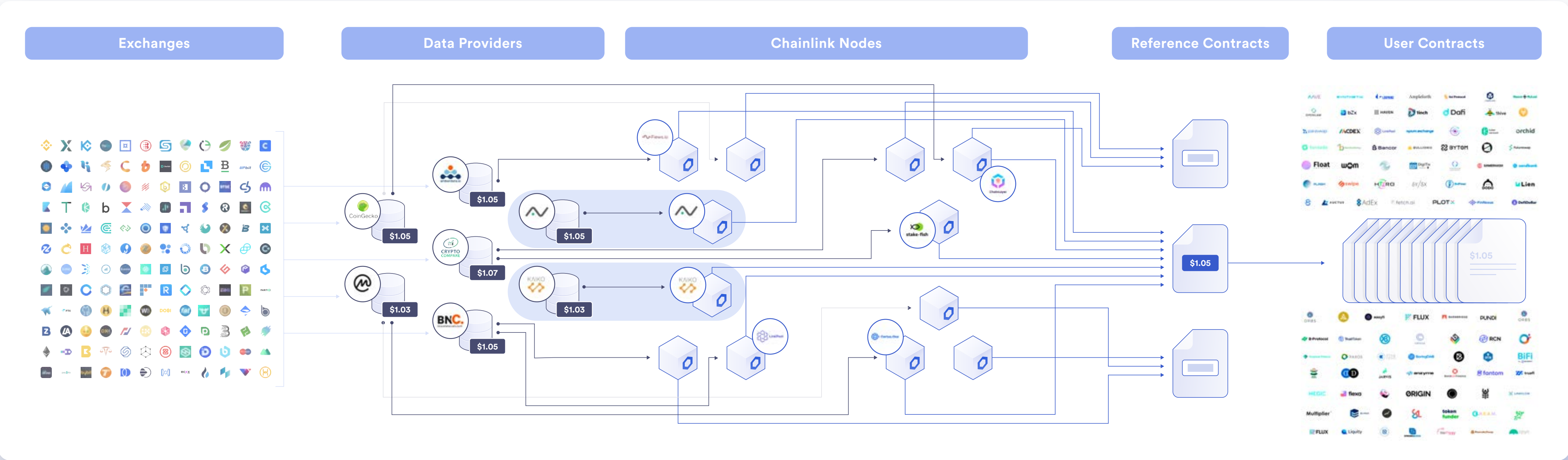
Global Finance Industry

Thousands of Additional Use Cases

Global Demand for Off-Chain Computation

Cross-Chain Demand

Price Data Enables DeFi to Reinvent the Financial System



“With partnerships across DeFi and traditional markets, the ground the Chainlink team has covered in a short time is nothing short of breathtaking.”

Forbes

“Chainlink has taken a commanding lead among DeFi oracles, a perch that's been strengthened with frequent announcements of new partnerships and node operators.”

coindesk

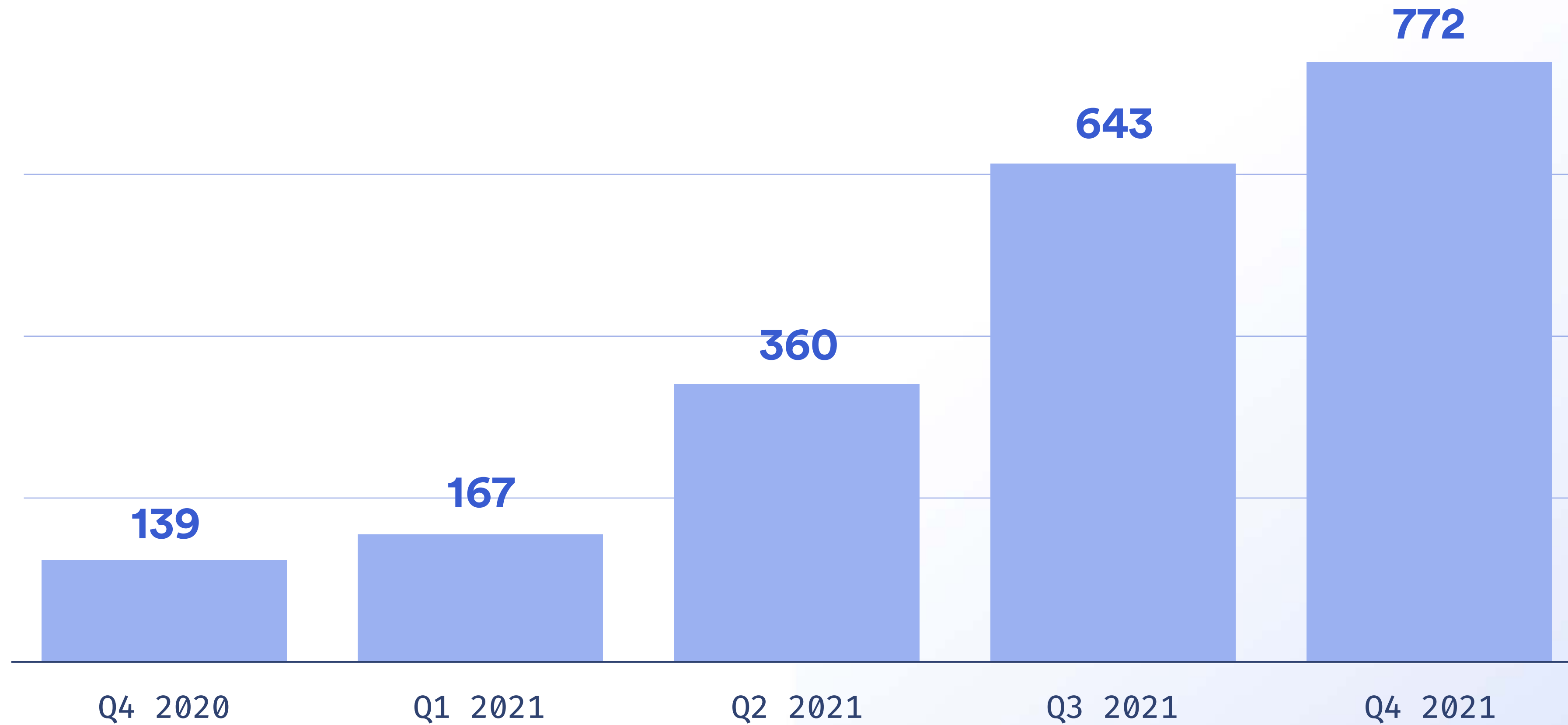
“Chainlink's price oracles are quickly emerging as the industry-standard data source for the DeFi sector”

COINTELEGRAPH

Chainlink

770+

Total Oracle Networks



Top Global Data Providers Powering Smart Contracts

AP, Chainlink to bring trusted data onto leading blockchain networks

Oct. 21, 2021
SHARE
Twitter Facebook LinkedIn Email
PRINT

The Associated Press will make its trusted economic, sports and race call datasets available to leading blockchains via Chainlink, the world's largest decentralized network of oracles, enabling smart contracts on any blockchain to securely interact with the AP's real-world data.

By launching a Chainlink node, which securely connects blockchain environments with external data, AP data will be supplied and sold directly to applications running across various blockchains. The data will be cryptographically signed to verify it is from AP.

AP U.S. race calls, economic data, sports game outcomes and business financials will be available.

The data can be used to automate key processes that happen on-chain, including informing markets of election race calls, triggering an on-chain trade when a company's quarterly financials are released, or augmenting the appearance of non-fungible tokens based on real-world events.

AP

“Chainlink’s proven oracle infrastructure for providing reliable data feeds across leading blockchain networks, it makes sense for the AP to launch a Chainlink oracle node and support innovation within emerging smart contract industries”

AccuWeather Announces Live Node on Chainlink Making Weather-Based Blockchain Applications Possible

Debut into cryptocurrency offers users innovative and unique insight into world-class weather data for blockchain

By AccuWeather Staff,
Published Dec. 14, 2021 3:17 PM CET

Facebook Twitter LinkedIn Print

AccuWeather Global Weather Center – December 14, 2021 - AccuWeather, the world's most accurate weather source, announced today that its wide range of world-class weather data insights including current temperatures, maximum and minimum temperature, and precipitation, are now available to blockchain applications through **Chainlink**, the industry standard oracle network. This marks the first time a major weather brand has arranged to accept cryptocurrency as a form of payment for weather services.



“One of the important use cases is parametric insurance, and crop insurance is definitely a big one,” Vitebsky said in an interview. “Being able to cut out that middleman in some countries that are perhaps underserved in terms of insurance.

Hedging Against Bad Weather with Cloud Datasets and Blockchain Oracles

Allen Day Follow Aug 6 · 8 min read

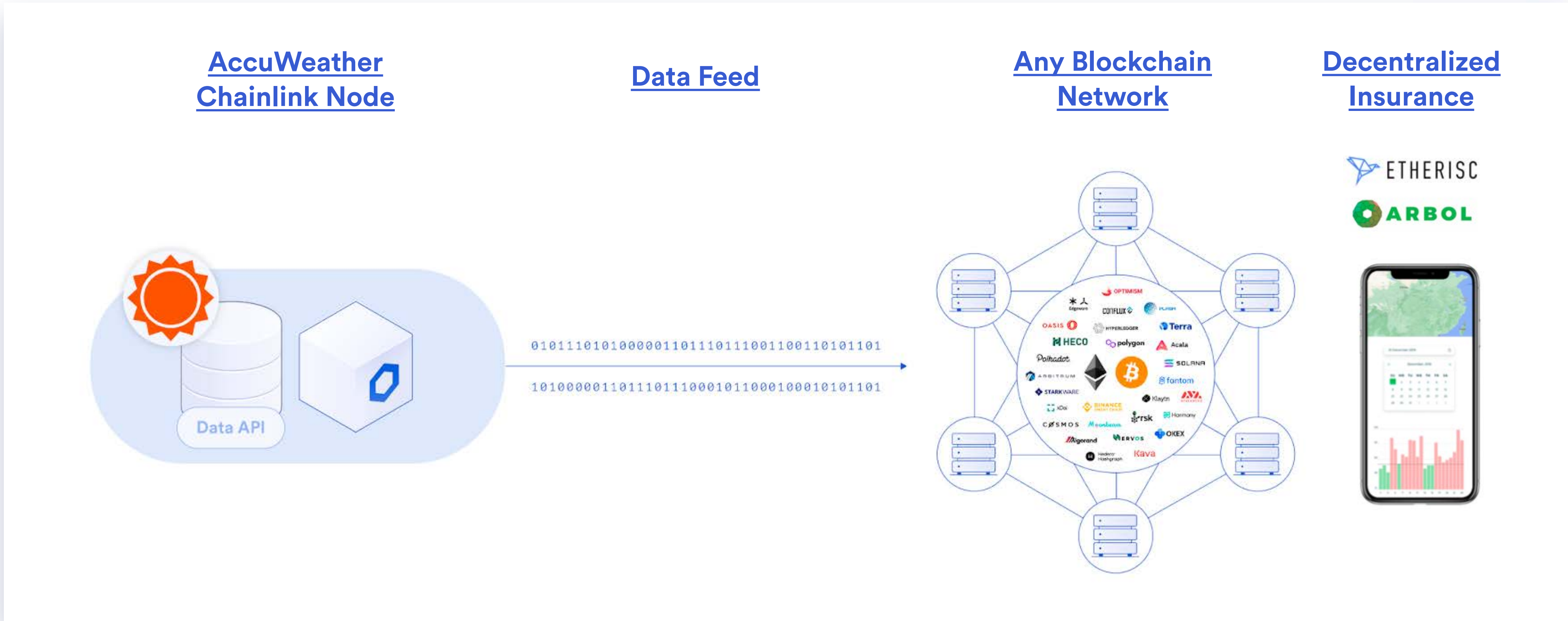
Twitter Facebook LinkedIn Print



"With NOAA weather data made available on-chain, decentralized applications can be created to provide previously inaccessible risk management products."

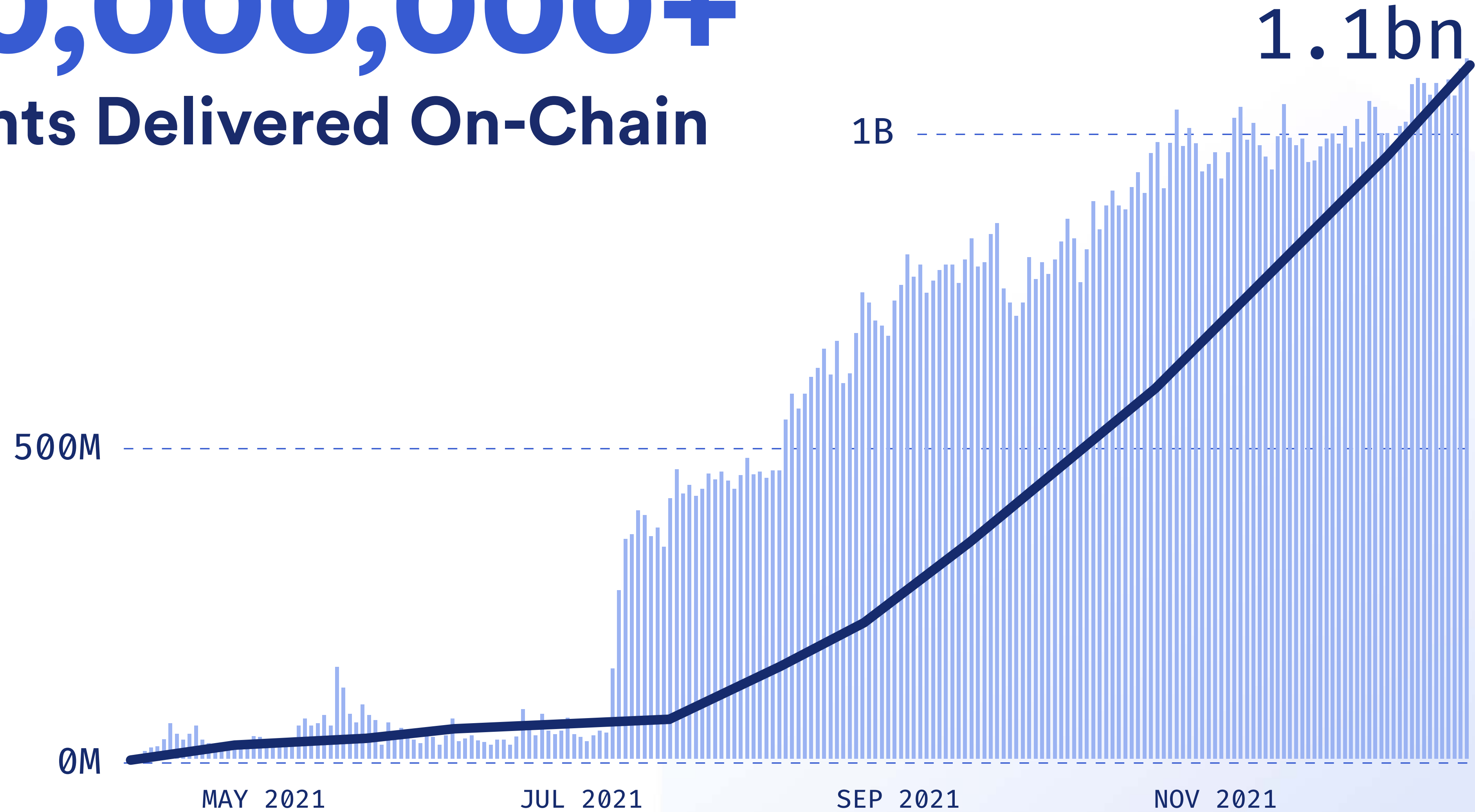
Google

Providing Weather Data for Decentralized Crop Insurance



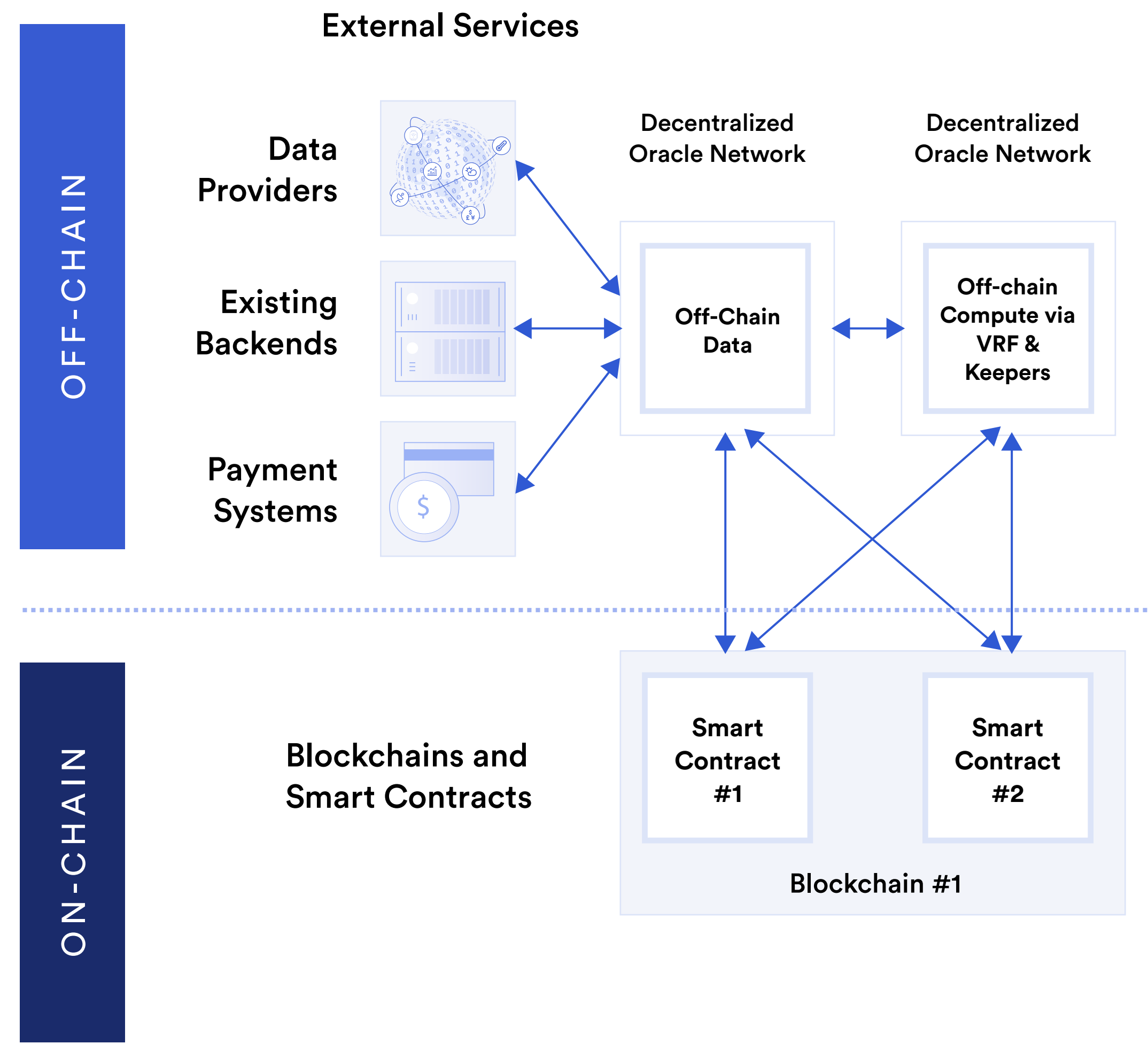
1,100,000,000+

Data Points Delivered On-Chain



DATA POINTS SERVED TO BLOCKCHAINS BY CHAINLINK ORACLES

What Defines a Smart Contract Continually Changes/Grows



Services Building a World Powered by Cryptographic Truth

Highly Validated Data

Price and Market Data



Proof of Reserve Audits



All Off-Chain Data



Off-Chain Computation

Verifiable Randomness



Keepers / Automation



Expanded Computation



Chainlink Network



DeFi Contracts + CeFi



Wrapped Assets



New Hybrid Smart Contracts



Gaming Contracts



DeFi Contracts + CeFi



New Hybrid Smart Contracts



DeFi Contracts + CeFi



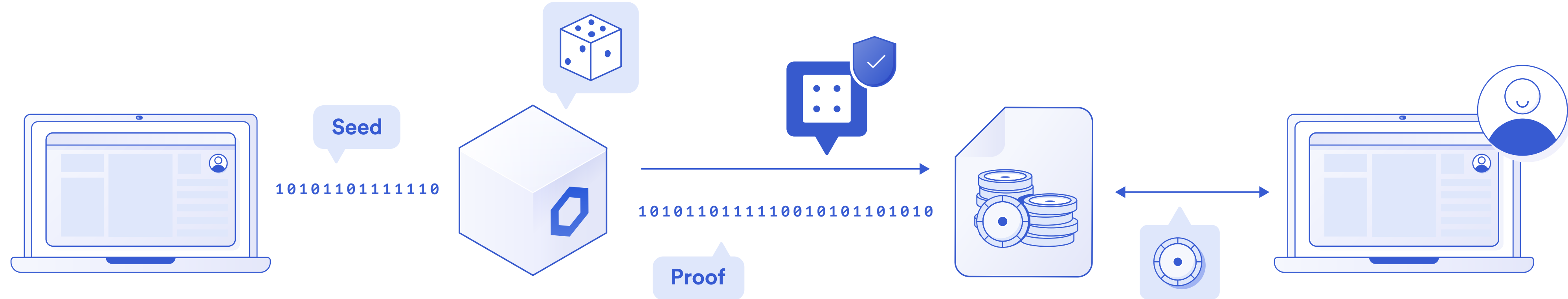
Global Finance Industry

Thousands of Additional Use Cases

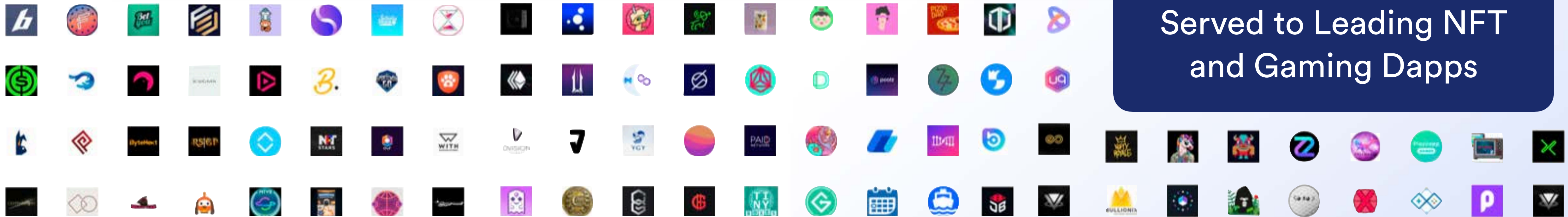
Global Demand for Off-Chain Computation

Cross-Chain Demand

Verifiable Randomness: Provably Fair Gaming and NFTs



2,500,000+ VRF Requests
Served to Leading NFT
and Gaming Dapps



“VRF can make games more fun by generating challenging and unpredictable scenarios and environments, and assigning unpredictable player rewards like loot drops.”

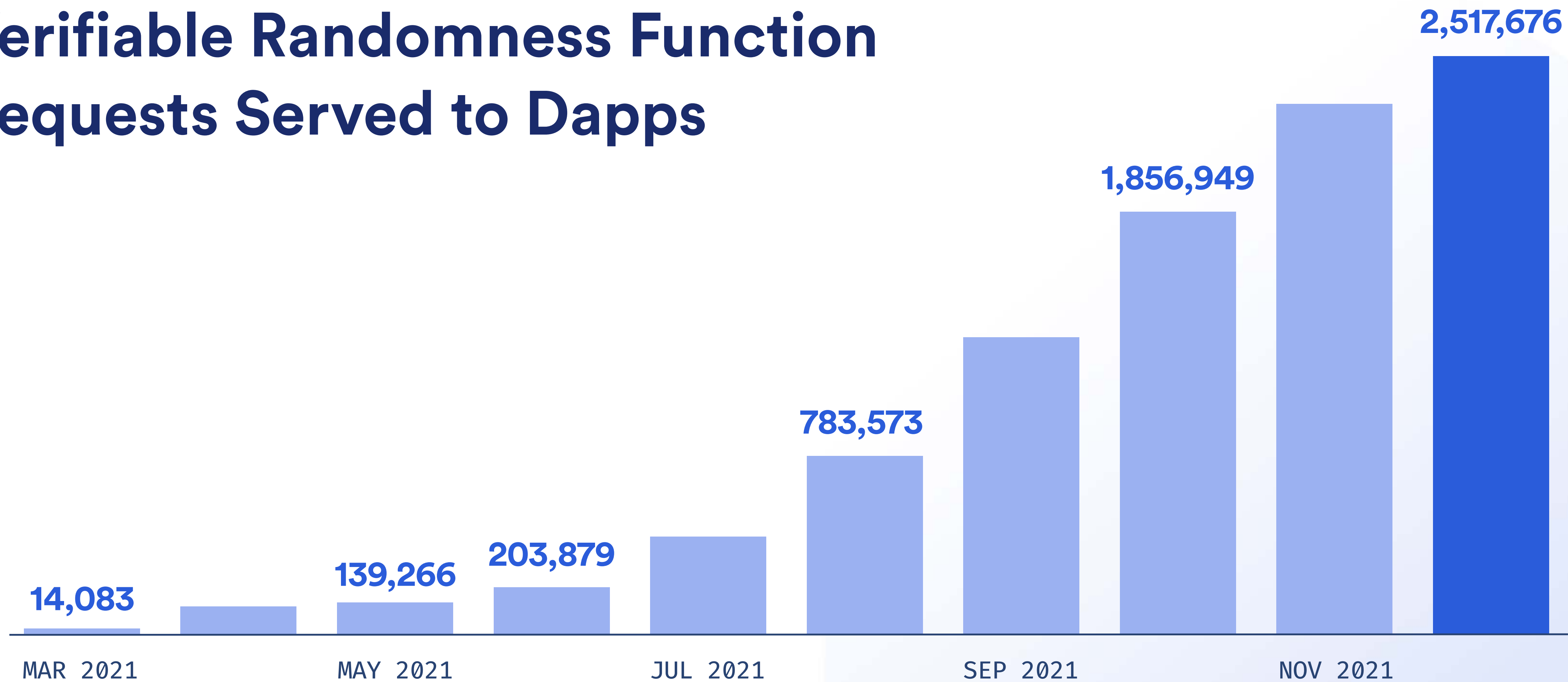


“By publishing and verifying the proof on-chain, it’s guaranteed, that it can’t be tampered with or manipulated by anyone including smart contract developers or oracle operators.”

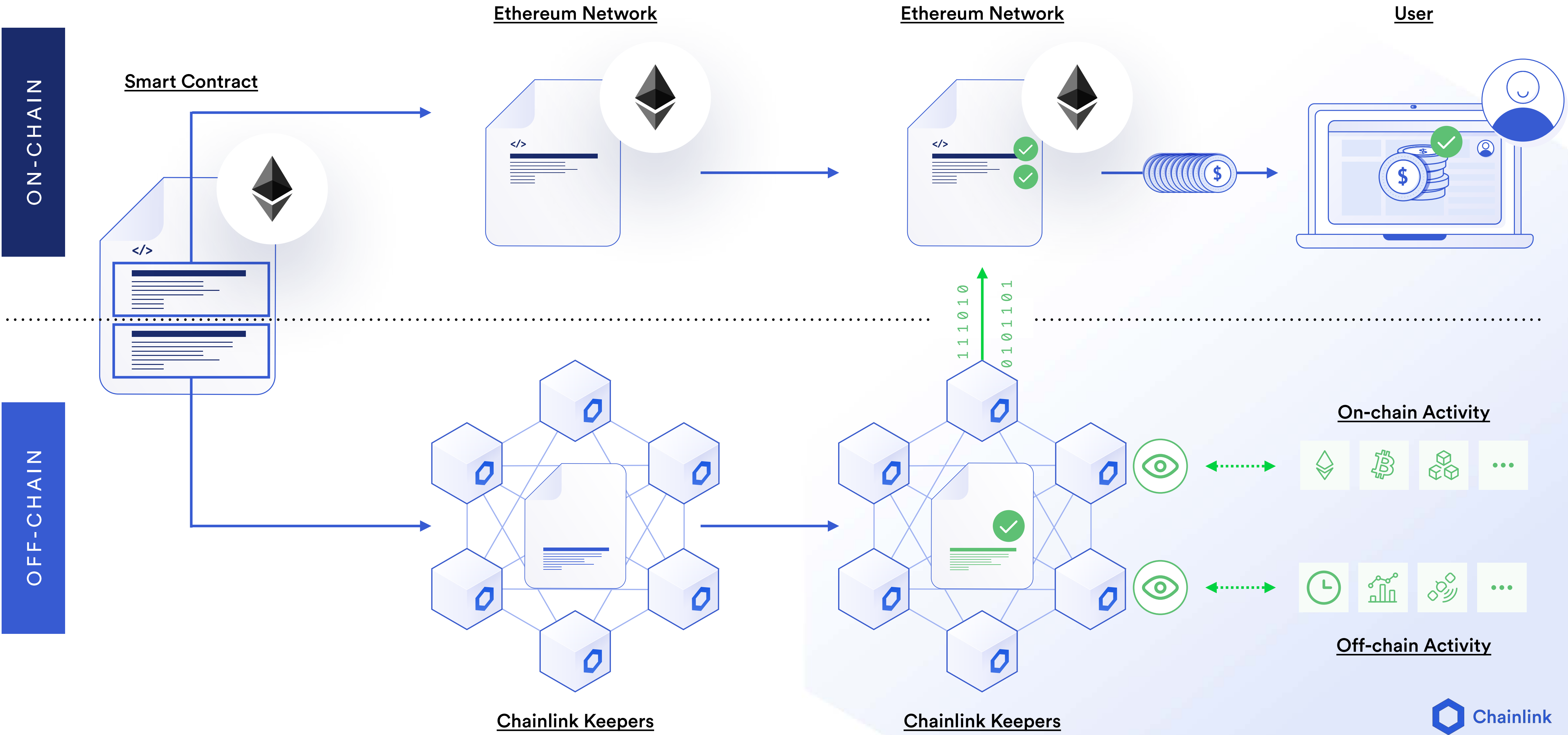


2,500,000+

Verifiable Randomness Function Requests Served to Dapps

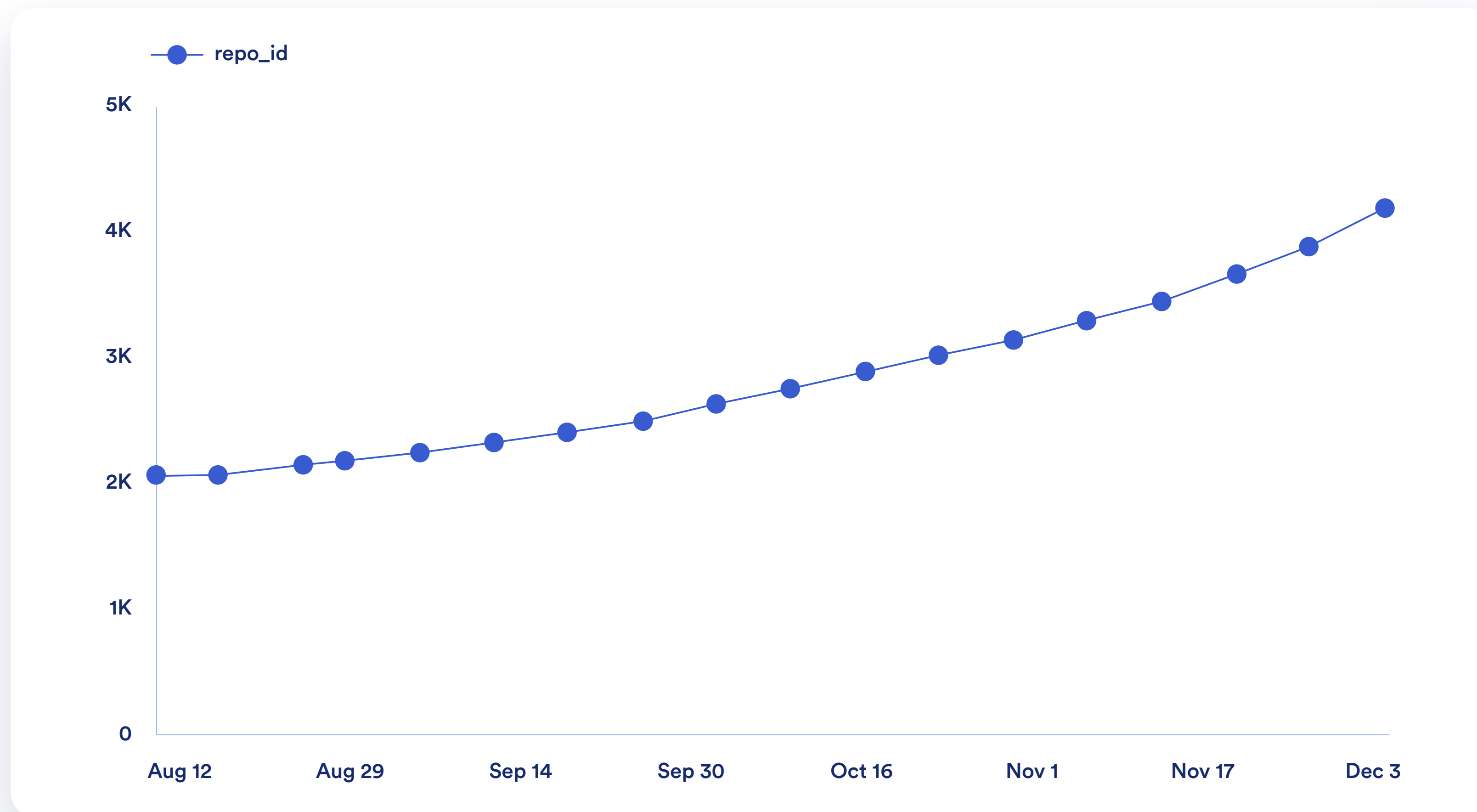


Chainlink Keepers as Trust Minimized Off-chain Compute



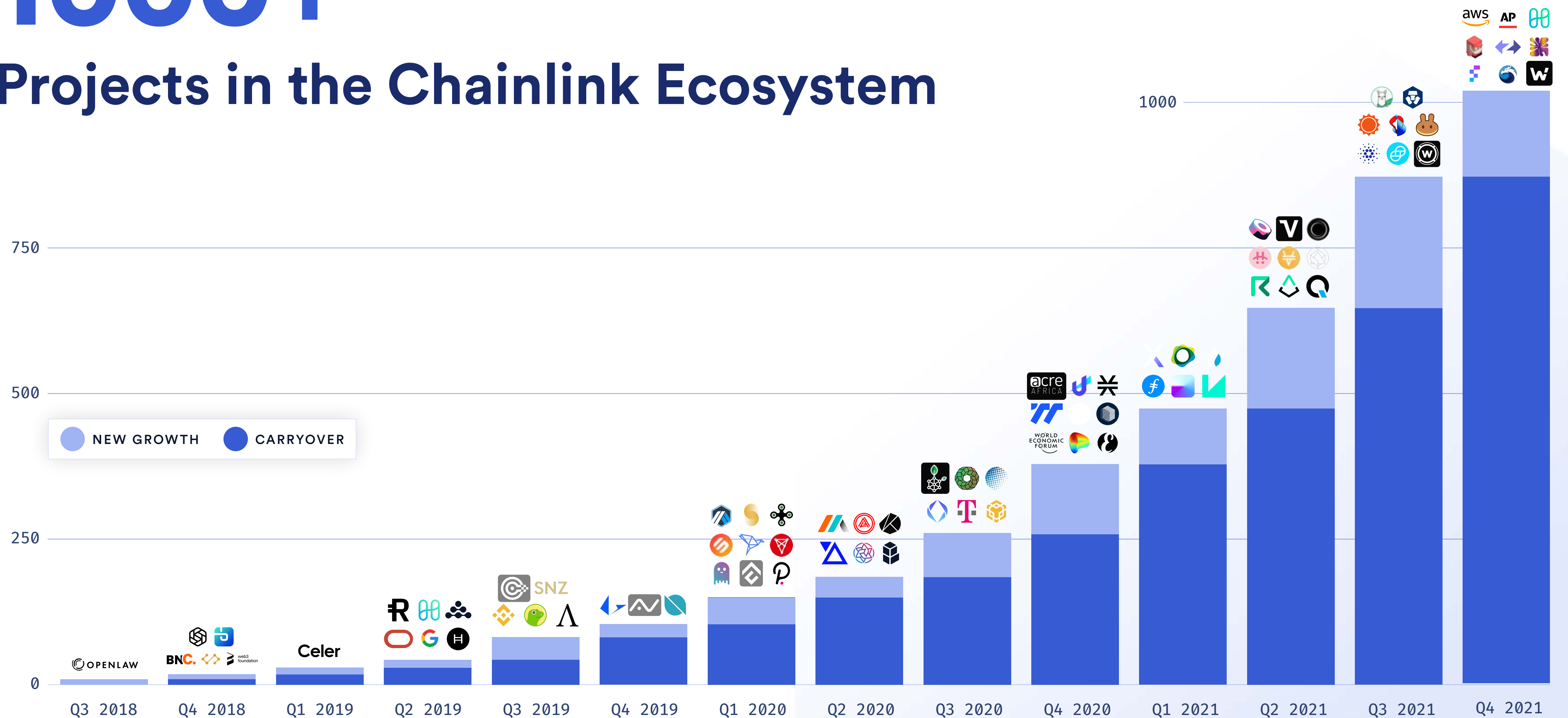
4,000+

Public GitHub Repos Referencing Chainlink Services

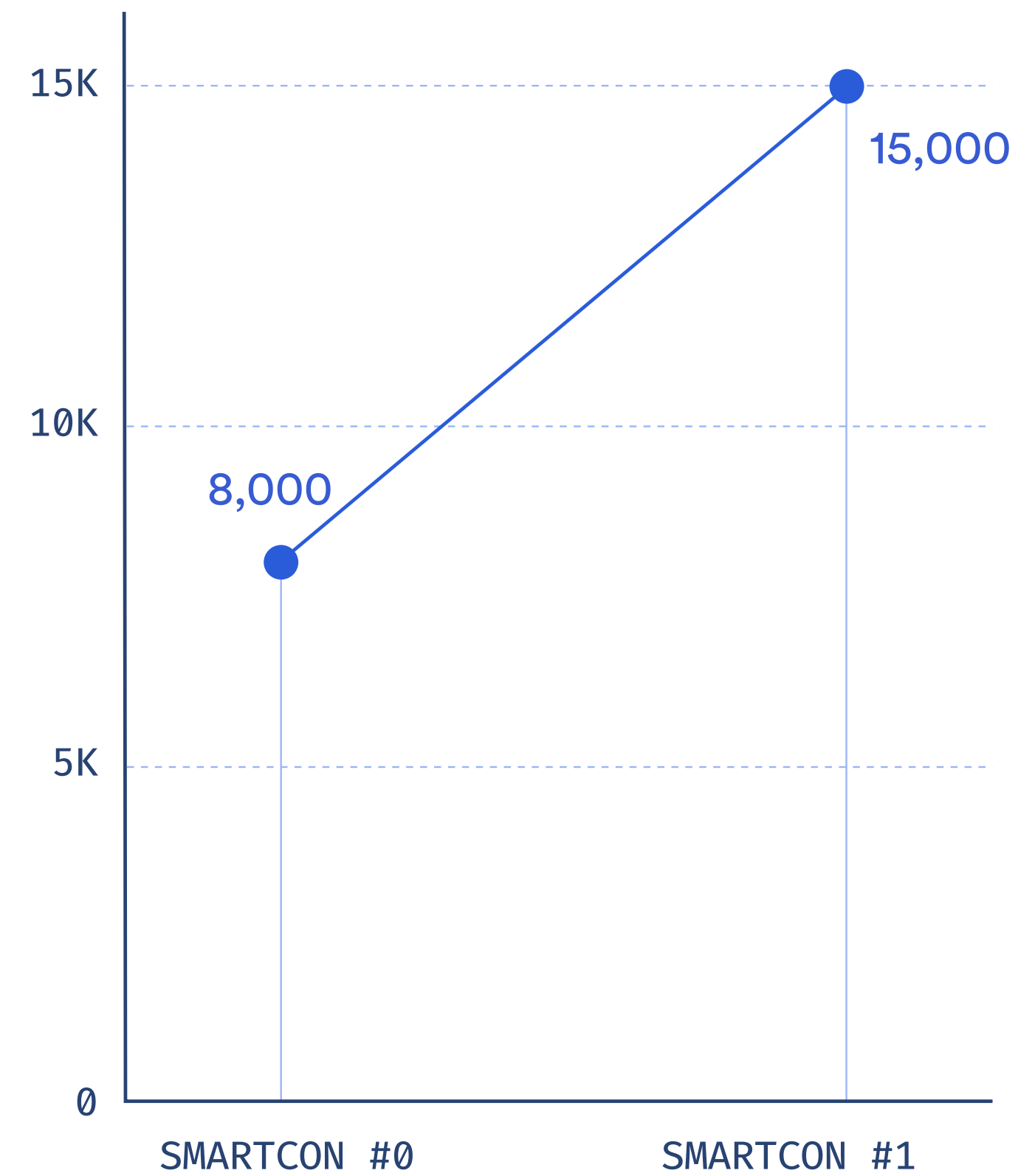


1000+

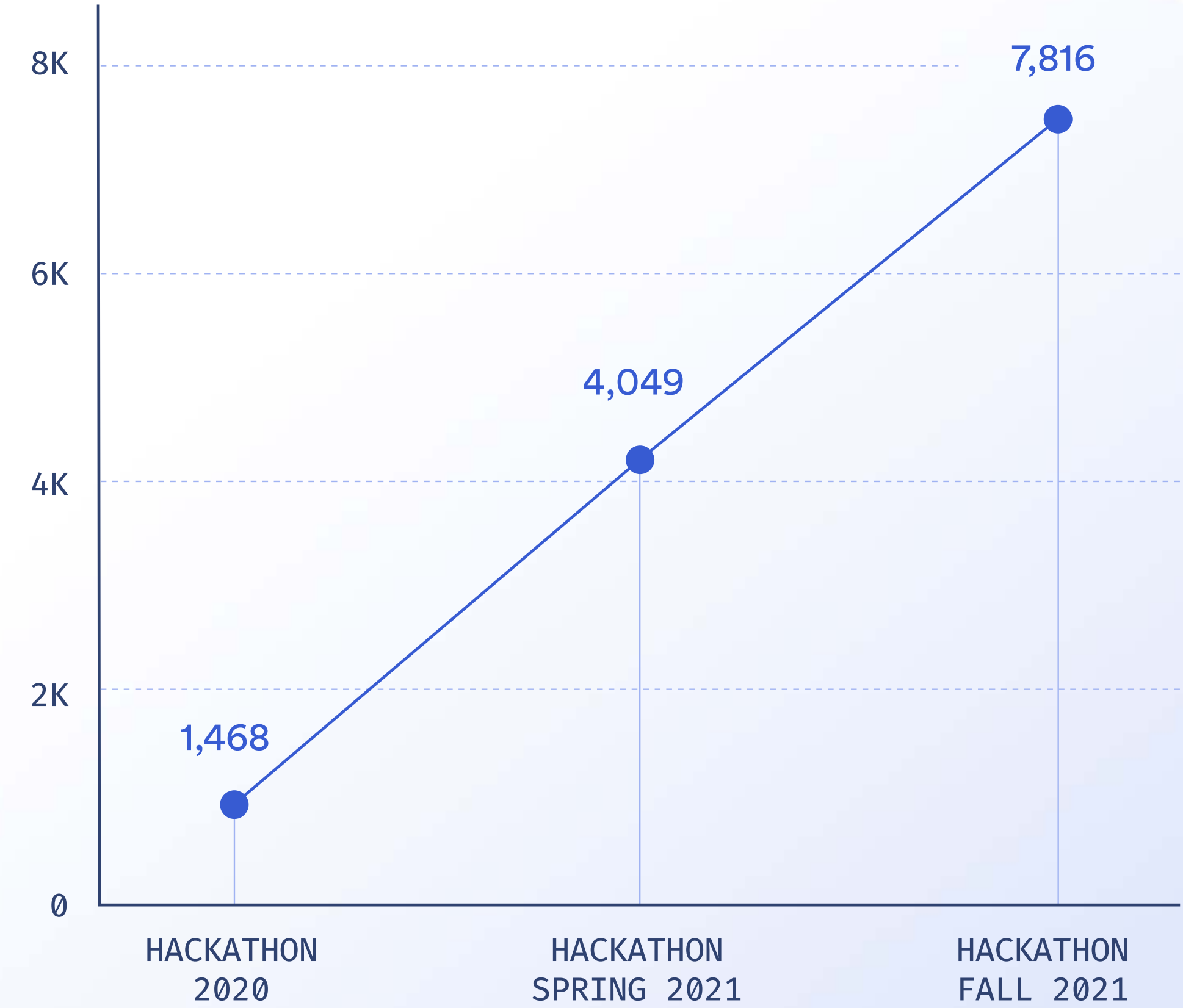
Projects in the Chainlink Ecosystem



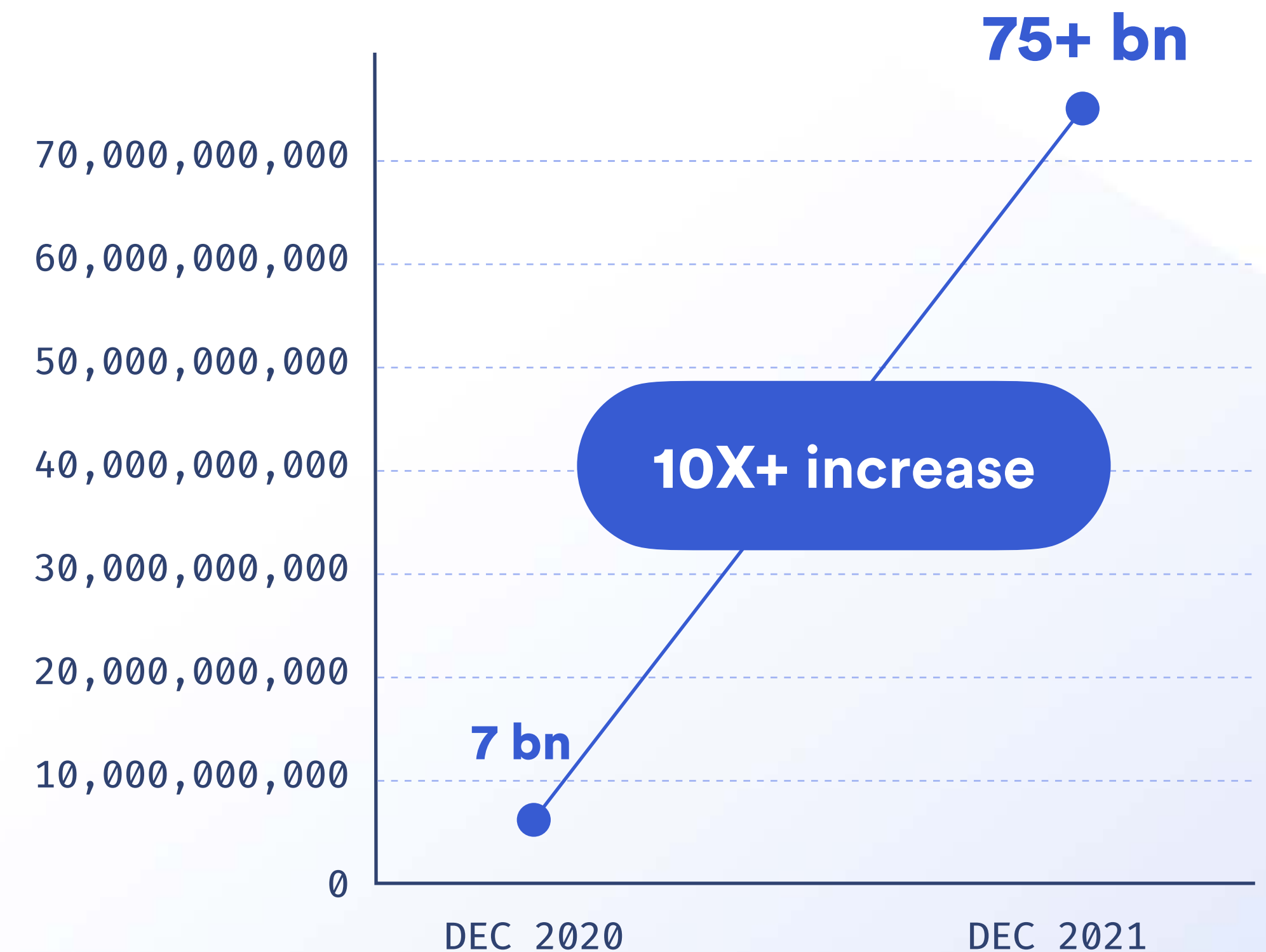
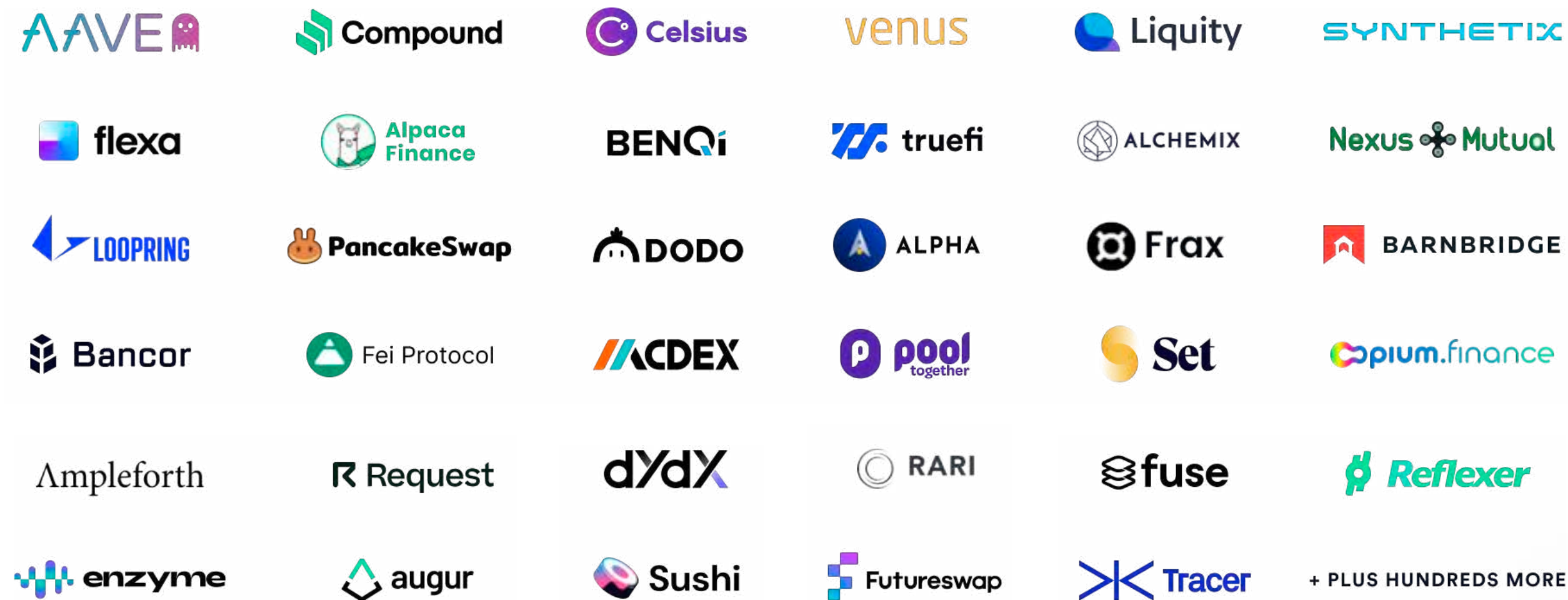
Smart Contract Summit Registered Attendees



Chainlink Hackathons Registered Attendees



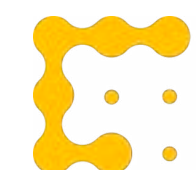
Total Value Secured \$75,000,000,000+



“With partnerships across DeFi and traditional markets, the ground the Chainlink team has covered in a short time is nothing short of breathtaking.”

Forbes

“Chainlink has taken a commanding lead among DeFi oracles, a perch that's been strengthened with frequent announcements of new partnerships and node operators.”

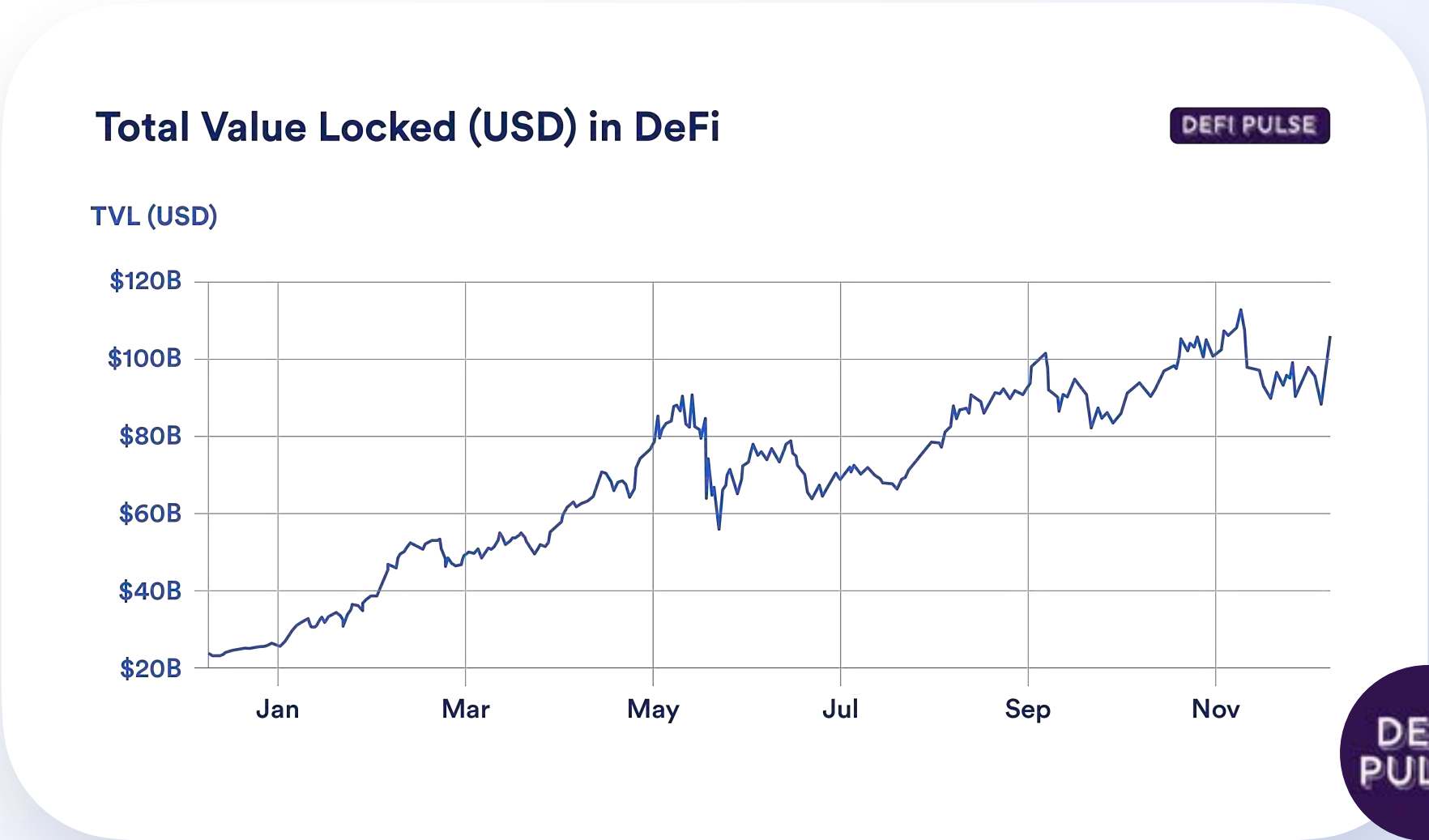
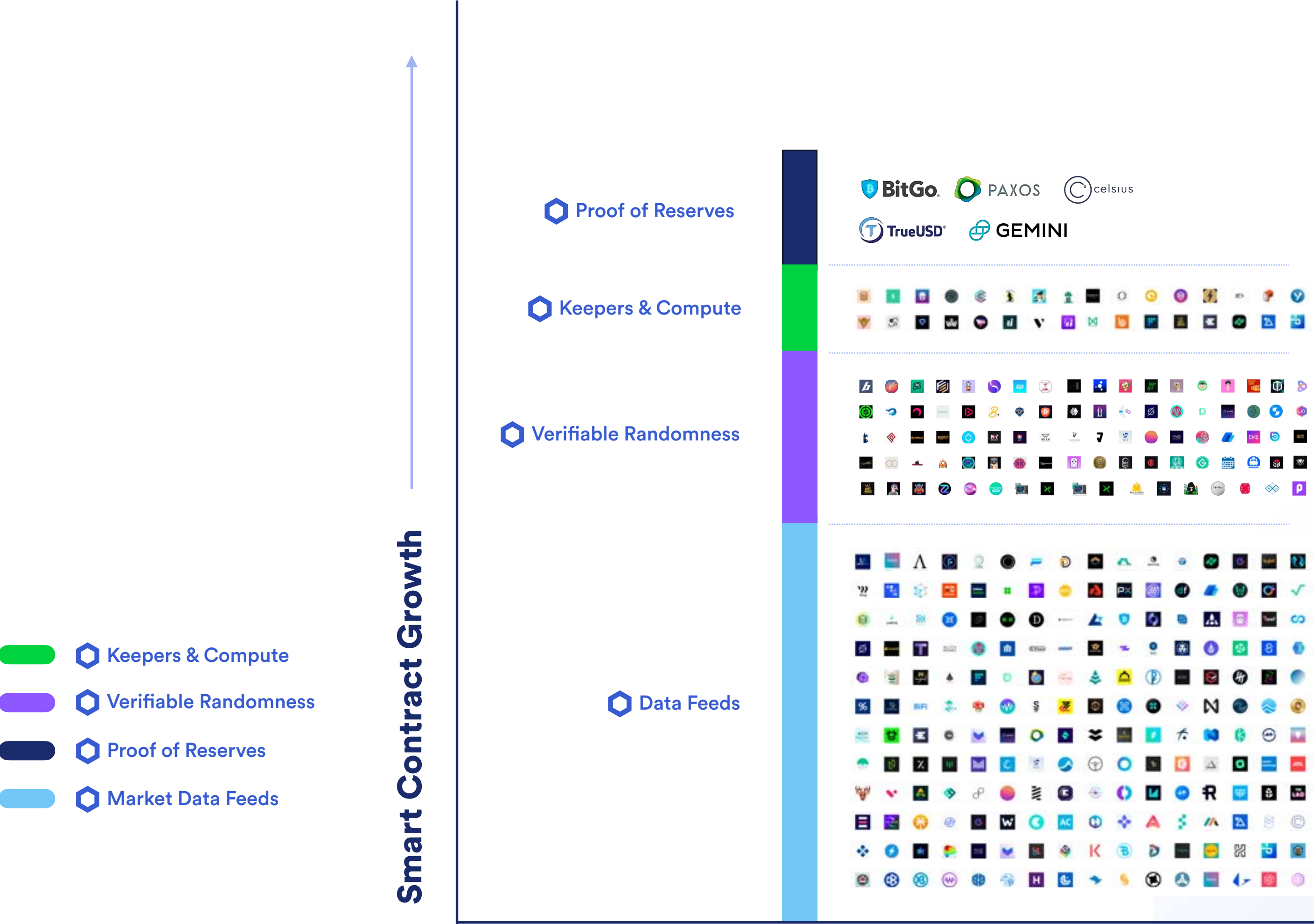
 **coindesk**

“Chainlink's price oracles are quickly emerging as the industry-standard data source for the DeFi sector”

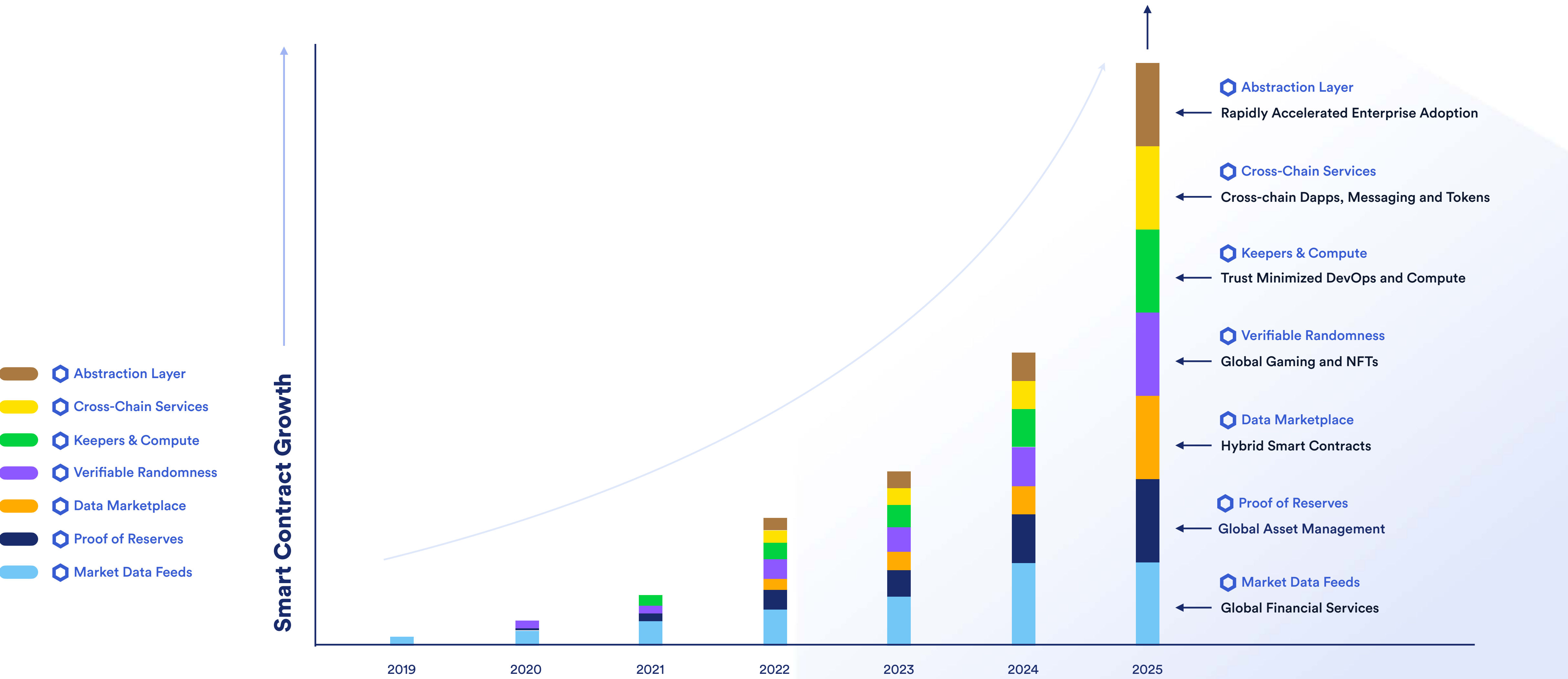
 **COINTELEGRAPH**

 **Chainlink**

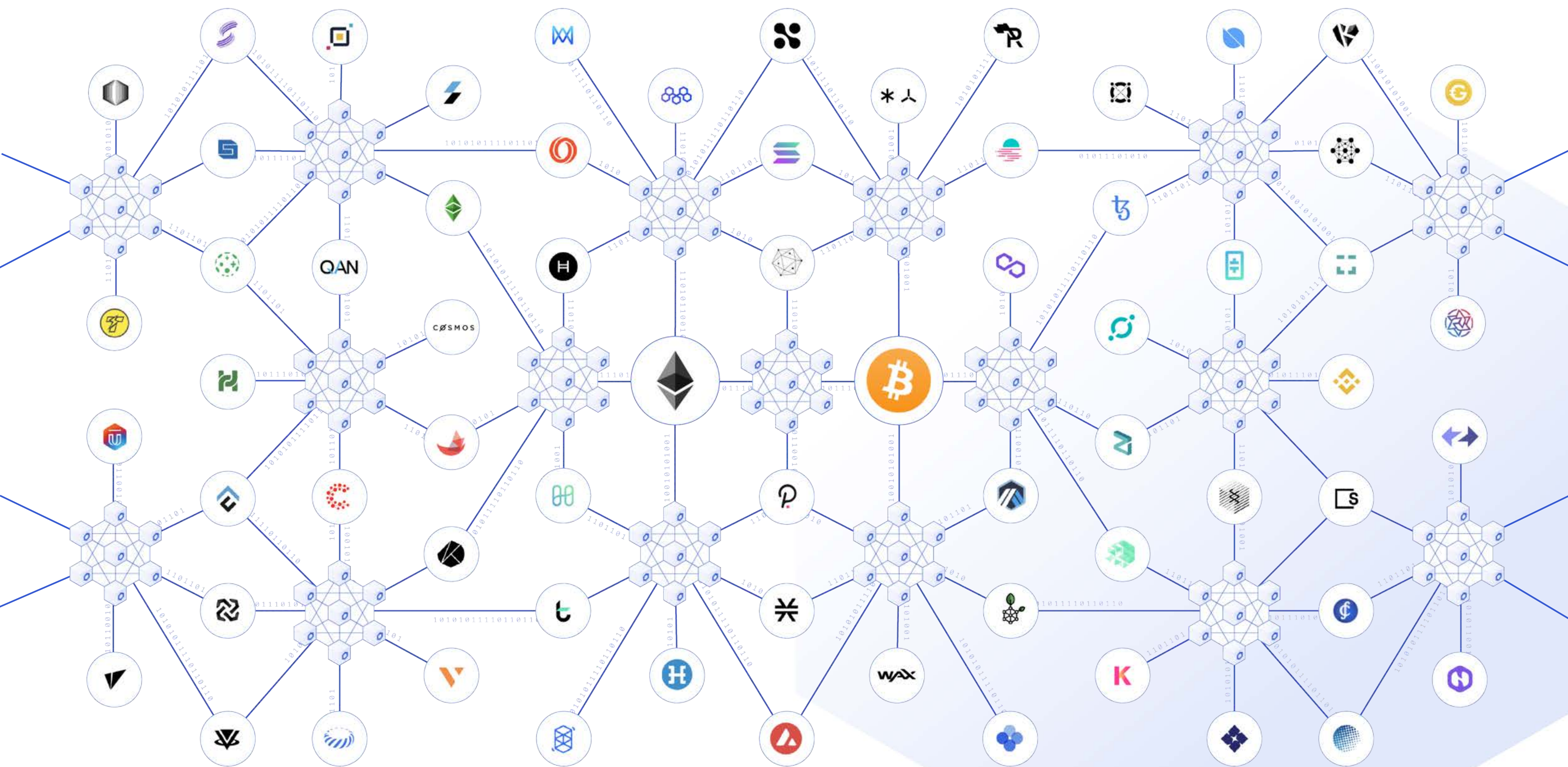
More Smart Contracts Need More Decentralized Services



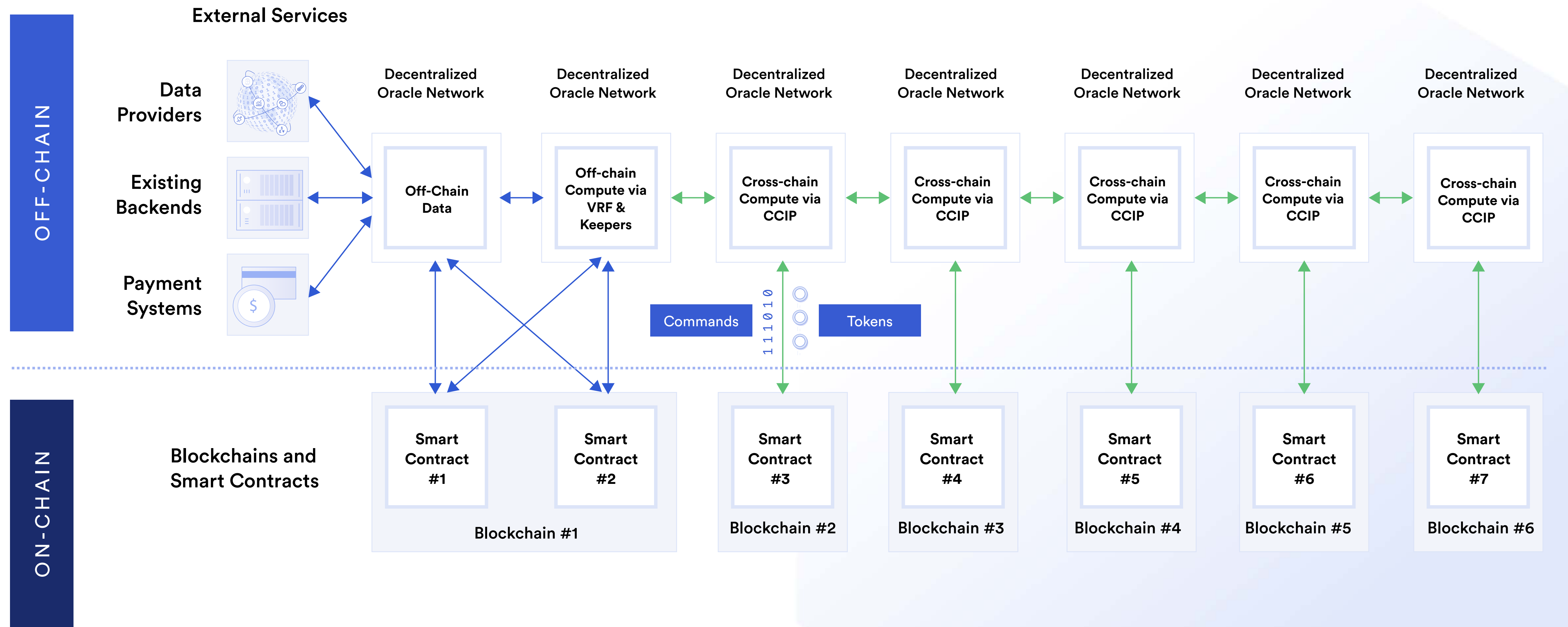
More Smart Contracts Need More Decentralized Services



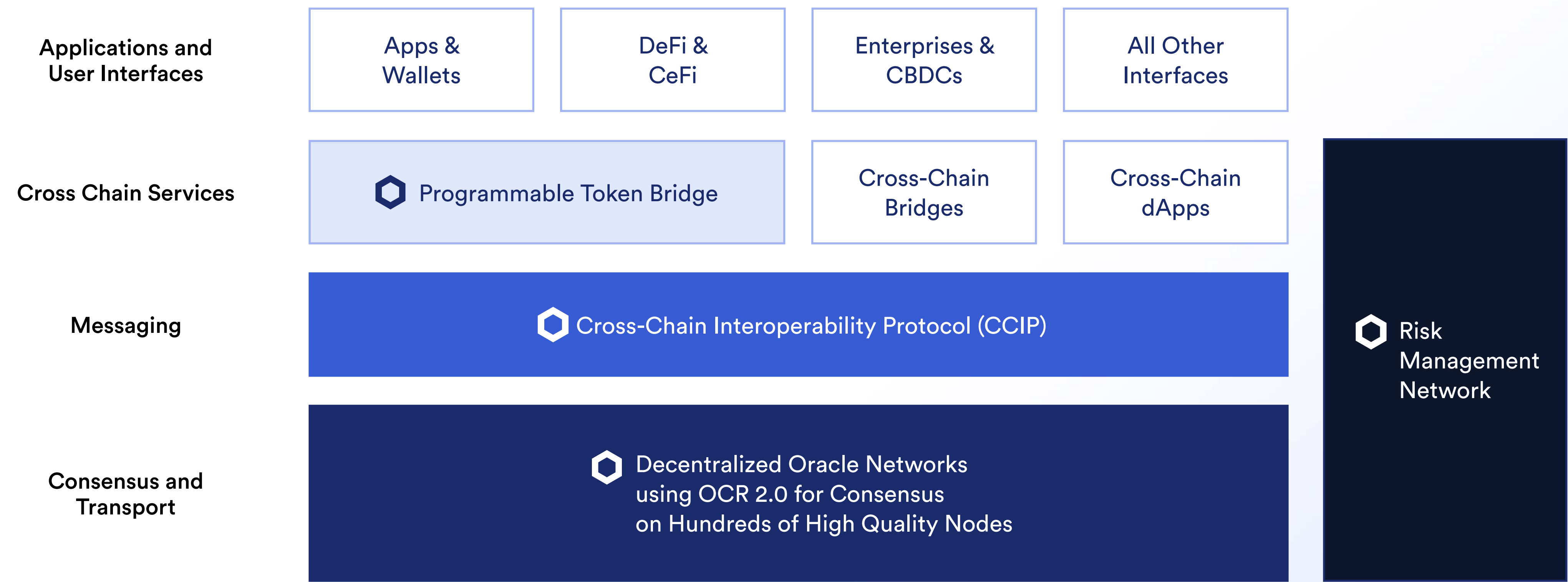
CCIP: Securely Connecting all Public and Private Blockchains



What Defines a Smart Contract Continually Changes/Grows



The Cross Chain Smart Contract Infrastructure Stack



Services Building a World Powered by Cryptographic Truth

Highly Validated Data

Price and Market Data

Proof of Reserve Audits

All Off-Chain Data

Off-Chain Computation

Verifiable Randomness

Keepers / Automation

Expanded Computation

Cross-Chain

Bridge & Messaging

Chainlink Network

+ hundreds more

DeFi Contracts + CeFi

Wrapped Assets

New Hybrid Smart Contracts

Gaming Contracts

DeFi Contracts + CeFi

New Hybrid Smart Contracts

DeFi Contracts + CeFi

+ hundreds of blockchains

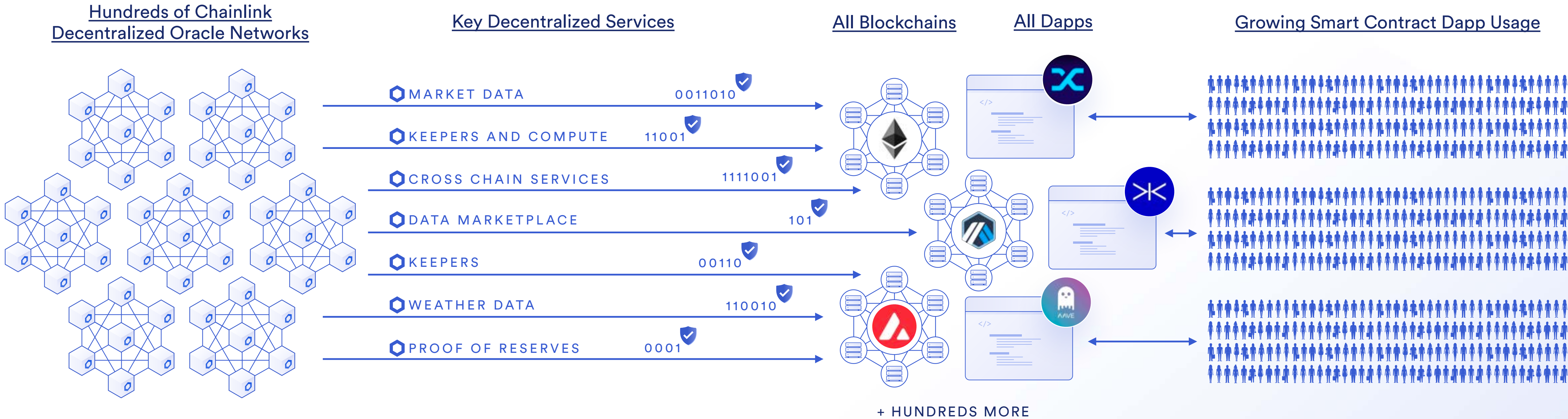
Global Finance Industry

Thousands of Additional Use Cases

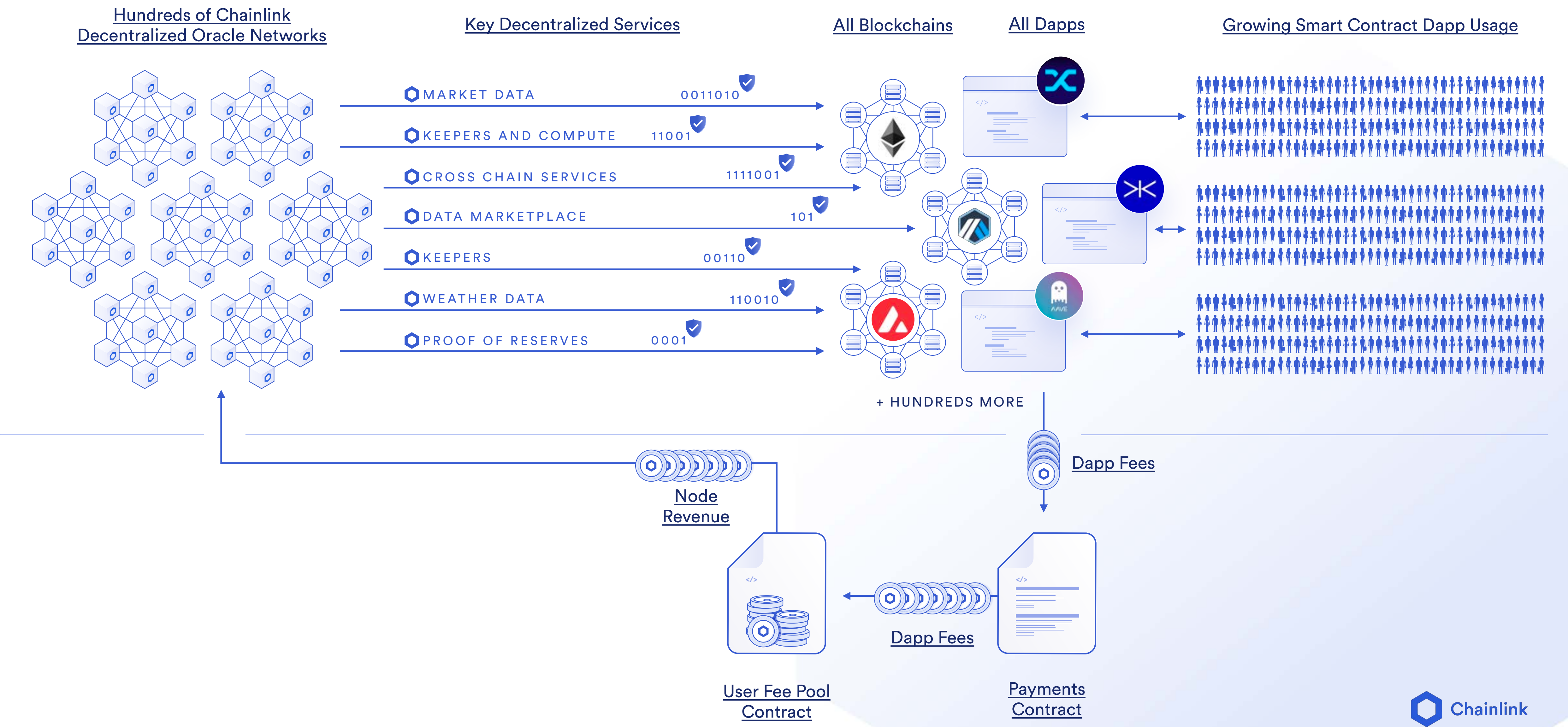
Global Demand for Off-Chain Computation

Cross-Chain Demand

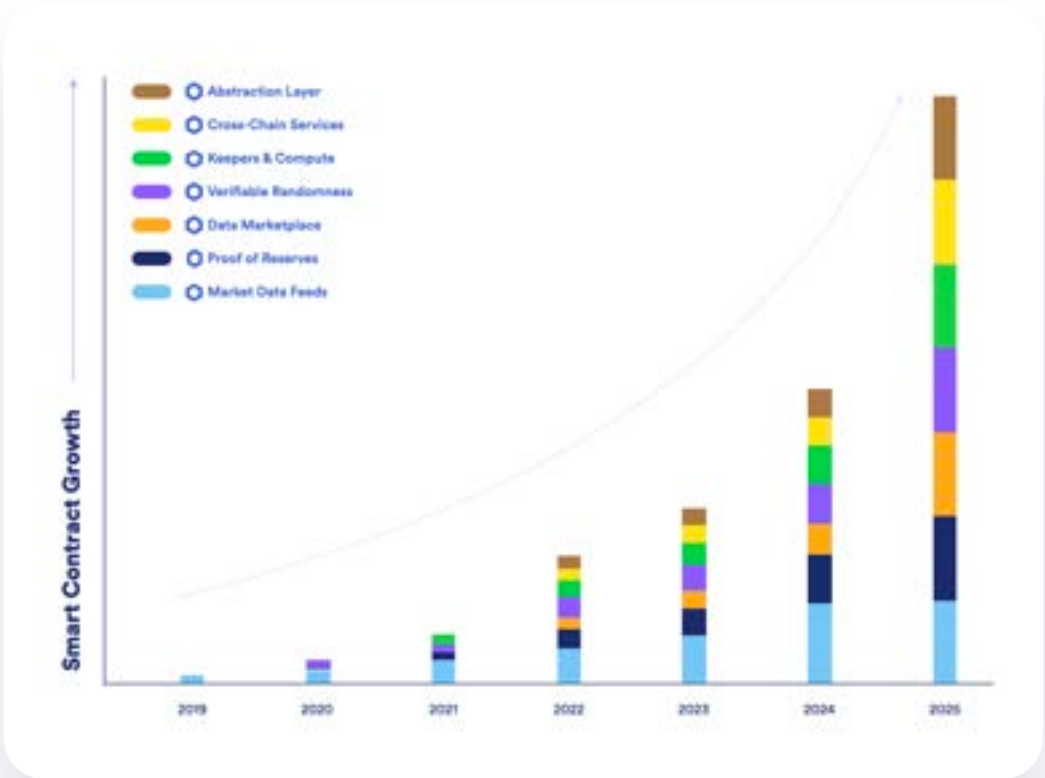
Decentralized Oracle Network Adoption Grows via Dapps



Fees and Staking Grow With Smart Contract Usage



Solving Diminishing Returns for Individual Node Security



Current and Future Fee Opportunity

Greater Amount Staked

Node Reputation & Value of Reputation

Additional Security and Reliability Best Practices

Trust Execution Environments and ZkProof Signing Methods

Detailed Monitoring and Observability Solutions

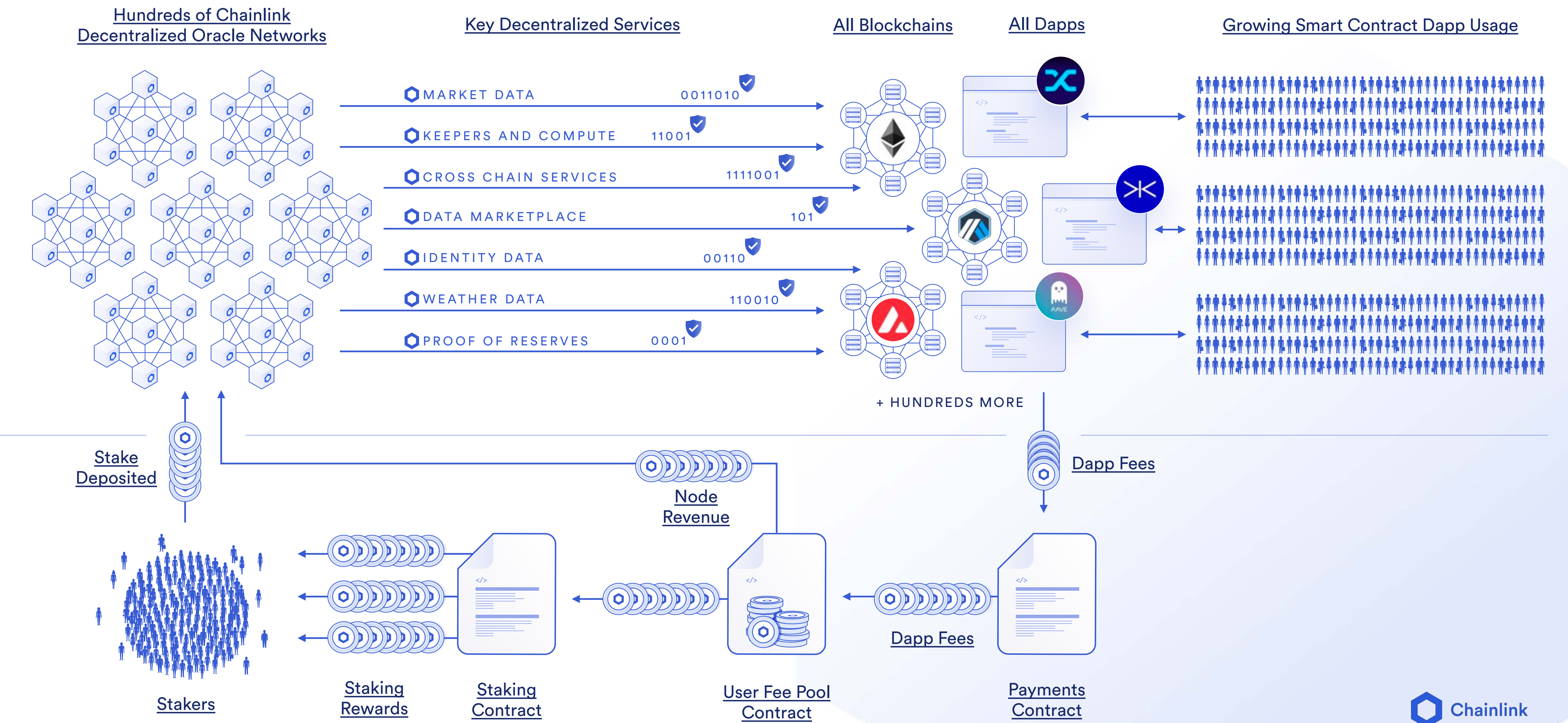
Node Fallbacks

Multiple Data Providers

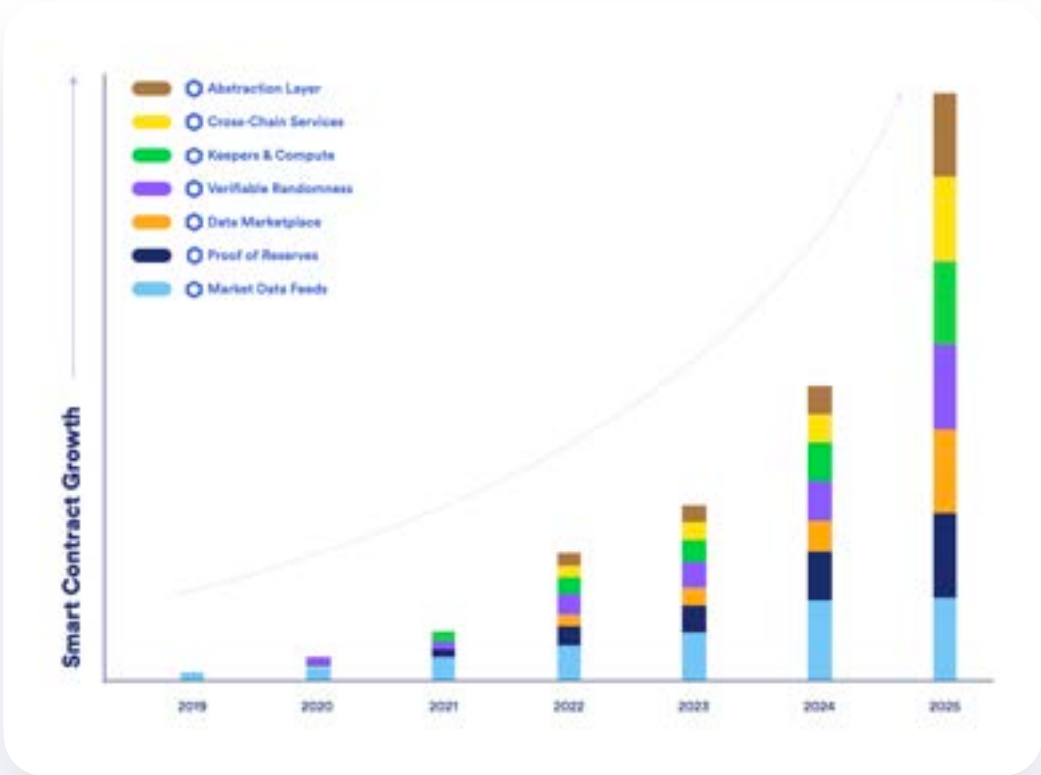
Secure Signing



Fees and Staking Grow With Smart Contract Usage



Solving Diminishing Returns for Oracle Network Security



Current and Future Fee Opportunity

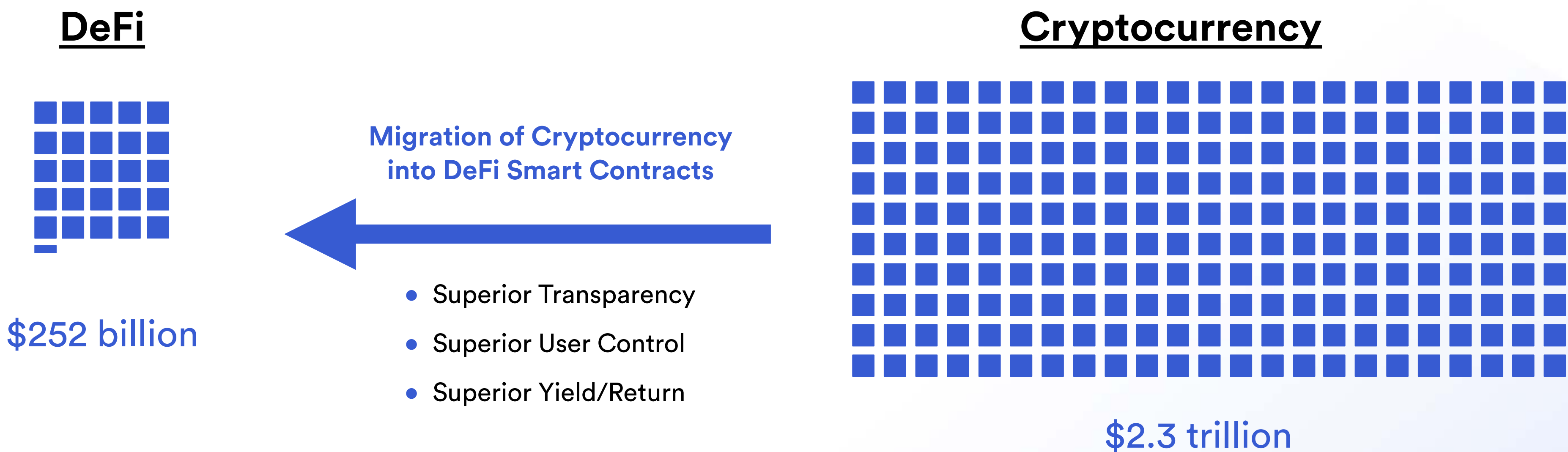
Greater Network Staking

Greater Decentralization With High Reputation Nodes

Additional Security Best Practices Widely Implemented Across Nodes



DeFi is Still Only ~11% of All Value in Cryptocurrency



Total DeFi TVL

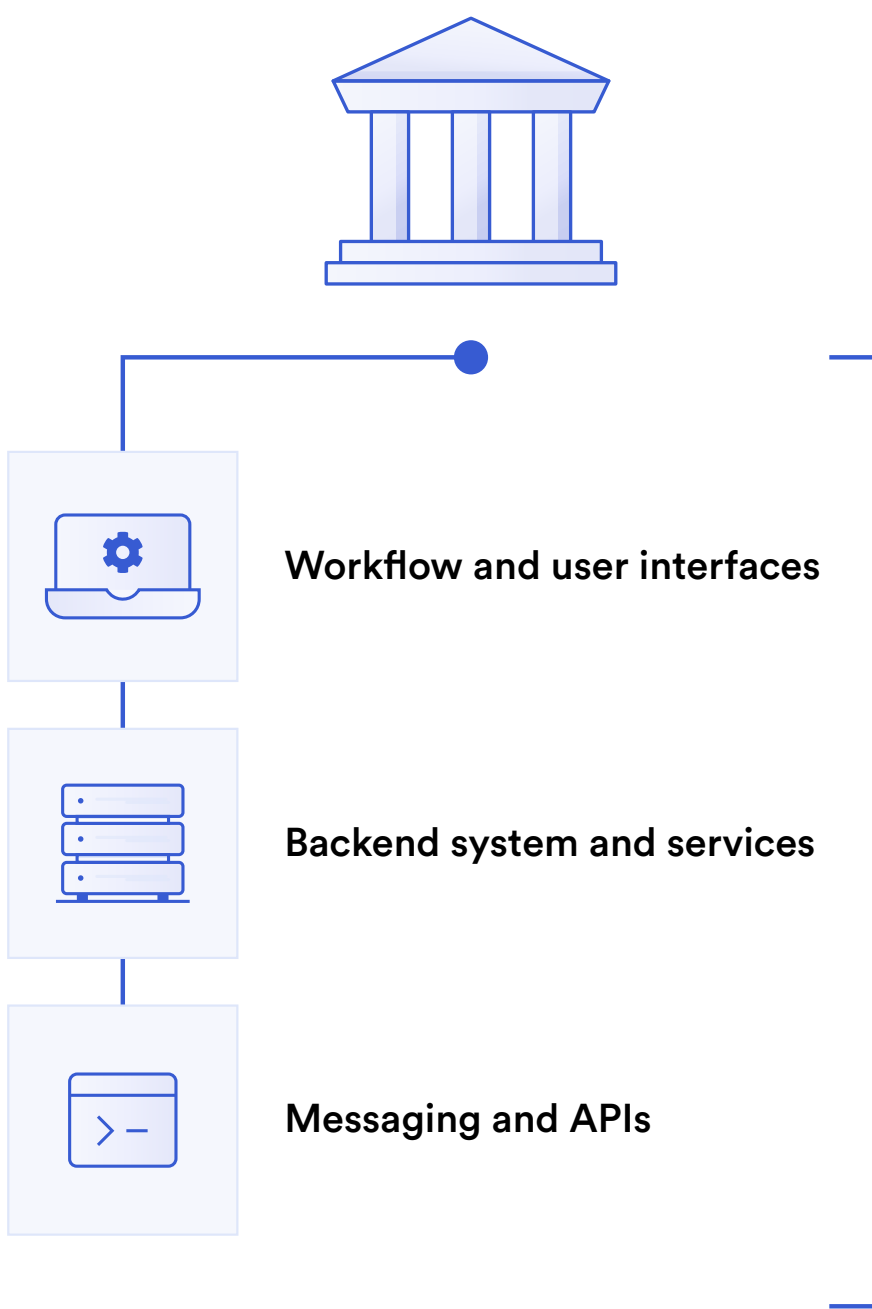


Total Crypto Market Cap

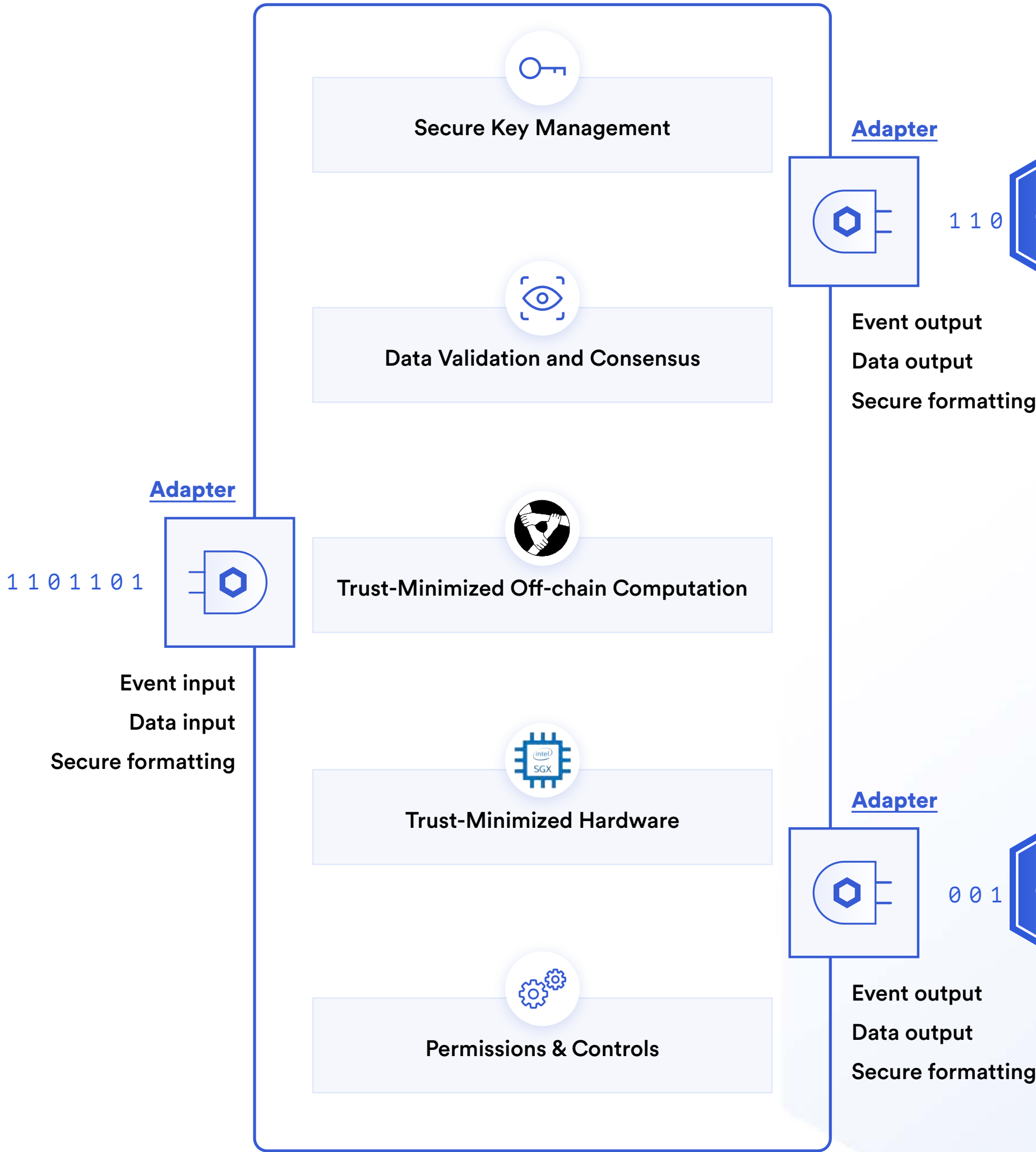


Accelerating Enterprise Adoption of Smart Contracts

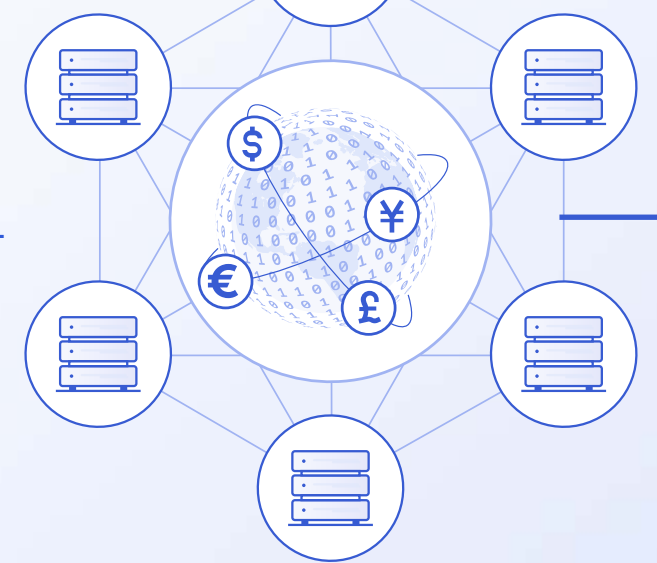
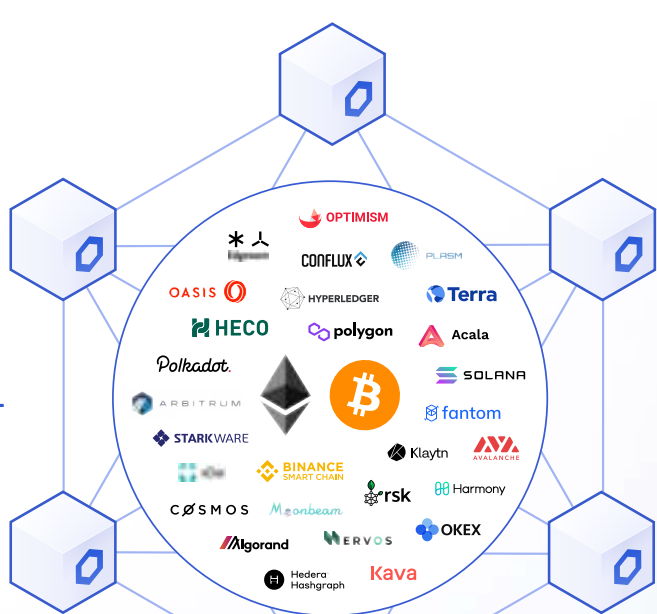
Web, Fintech and Enterprise Stack



Chainlink Abstraction Layer



Blockchain Networks



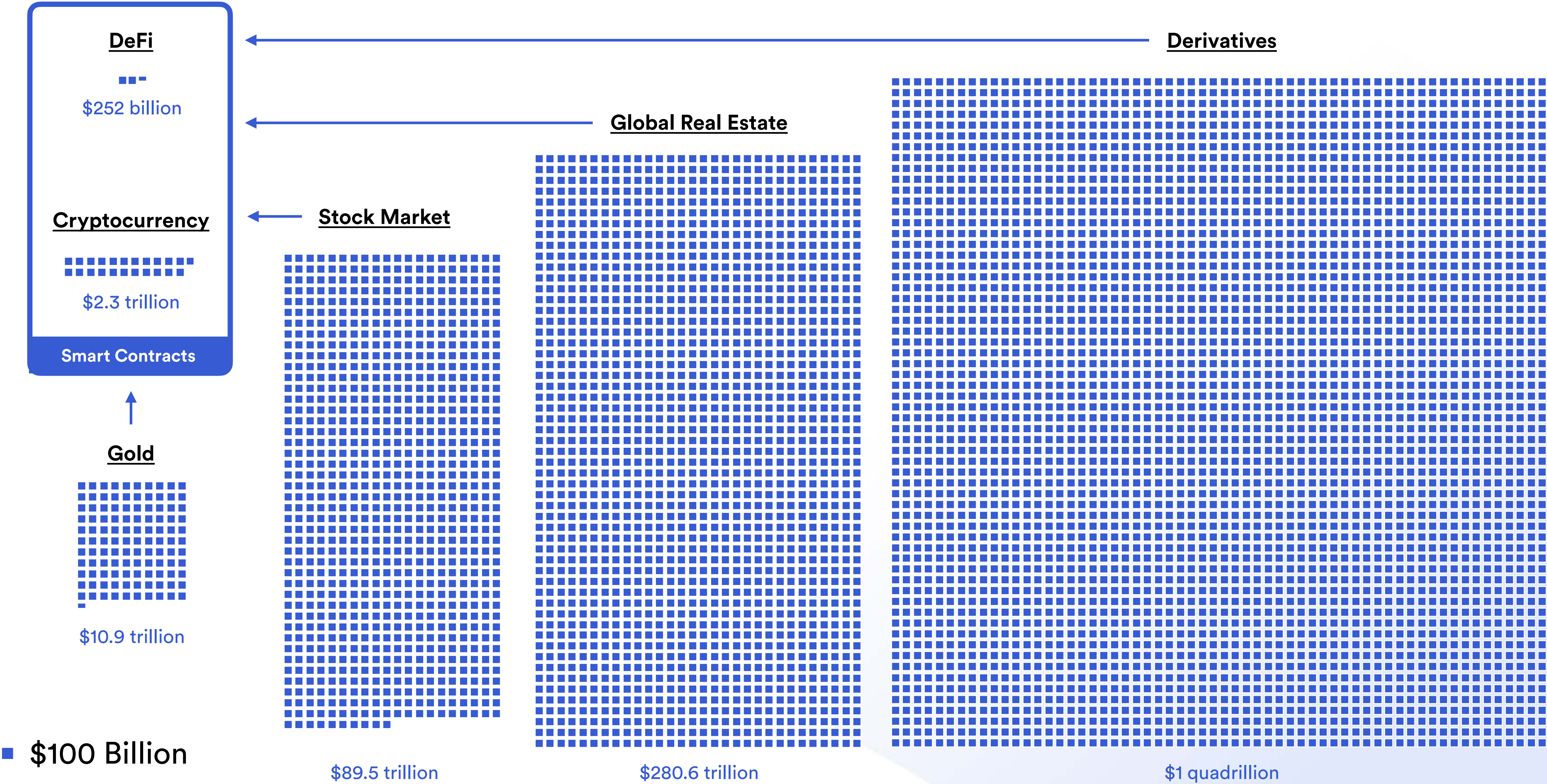
CBDCs

DeFi Applications



100X+ More in
Smart Contracts
& Blockchains

The Market For Smart Contracts is Hundreds of Trillions



The Market For Smart Contracts is Hundreds of Trillions



Large Enterprises Utilizing Chainlink's Abstraction Layer



Data Providers, Enterprises, and DevOps Now Sell Data to Any Blockchain Using the New Amazon Web Services (AWS) Chainlink Quickstart

October 26, 2021 • Chainlink

As part of the continued expansion in Chainlink node infrastructure, we're thrilled to work with Amazon Web Services (AWS) to simplify the process for data providers, enterprises, and DevOps. With the newly launched **AWS Chainlink Quickstart**, operators now have a one-click workflow to easily deploy a Chainlink oracle node on AWS and sell real-world data across multiple blockchain networks.

Through AWS Chainlink Quickstart, data providers can sell their data and APIs simultaneously across numerous public and private blockchain environments without needing any prior blockchain experience. Additionally, DevOps teams, traditional enterprises, telecommunication firms, individual developers, and DAOs can instantly launch their own Chainlink nodes to provision oracle services for blockchain applications or on behalf of data provider clients. The unique workflow of AWS empowers data providers and node operators across all market segments and helps them easily grow their addressable market by giving them direct access to any emerging blockchain network.

"With the AWS Chainlink Quickstart, operators now have a one-click workflow to easily deploy a Chainlink oracle node on AWS and sell real-world data across multiple blockchain networks."

Swisscom to become part of the world's largest oracle network

5. August 2021
Text, Media: Redact

Swisscom is joining Chainlink, the world's largest oracle network, as part of a pilot initiative. The Chainlink network provides important data for what are known as decentralised financial applications (DeFi), through which transactions worth several billion US dollars are now processed daily, such as on Aave and Uniswap. The rapid growth of this market is giving rise to new types of value chains and business models that could also gain relevance for the Swiss financial market.

Swisscom's Digital Asset division is responsible for the pilot initiative and for ensuring the operation of what is called an oracle node, which will continuously feed digital asset price data

"Operating a Chainlink oracle node enables us to contribute to the rapidly growing Web3 economy by providing smart contracts with the external data they require."

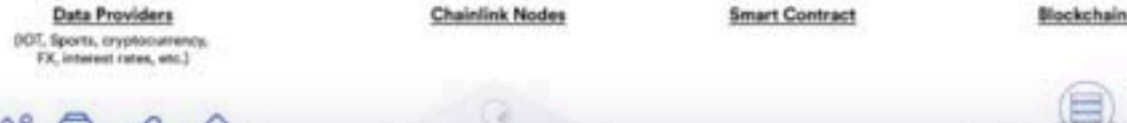


SMART CONTRACTS MADE RELIABLE AND USEFUL WITH REAL-WORLD DATA

As a Node Operator, T-Systems MMS ensures the reliable connection of external data to smart contracts and earns digital assets in the process. Processes in the globalized, digital economy require the cooperation of many actors. With the help of blockchain technology, processes can be automated, and workflows can be designed more cost-efficiently. Smart Contracts are used as digital contracts whose contract terms are encoded in a program code to automate and facilitate these processes. However, as soon as external, trustworthy data is required to process smart contracts, possibilities are limited. This especially applies to sensitive and rapidly changing data such as asset prices and IoT sensor data.

By using oracles, verified external data can now be linked to a smart contract. This opens up new possibilities: For example, verified real-time securities or commodity prices can now be integrated into a blockchain solution. Smart Contracts can thus react to the verified price and take the value into account when trading between assets. Another conceivable application is the evaluation of sensor data for blockchain applications in the Internet of Things (IoT). In production, a smart contract could use the verified information to determine that machine maintenance is necessary and interact directly with the maintenance companies.

Chainlink provides access to off-chain data feeds, Web APIs and traditional bank payments for Smart Contracts using a decentralized oracle network. We at T-Systems MMS have joined the Chainlink network as a Node Operator. By operating a Chainlink node, T-Systems MMS will provide reliable real-world data to Chainlink network users and decentralized applications (dApps) on Ethereum, further supporting the vision of public blockchains as a foundation for numerous use cases such as Decentralized Finance (DeFi).



"Providing critical Web3 infrastructure by running Chainlink oracle nodes has enabled new revenue streams and opened the door to Web3 opportunities."



The Evolution of Chainlink as a Cryptographic Truth Source

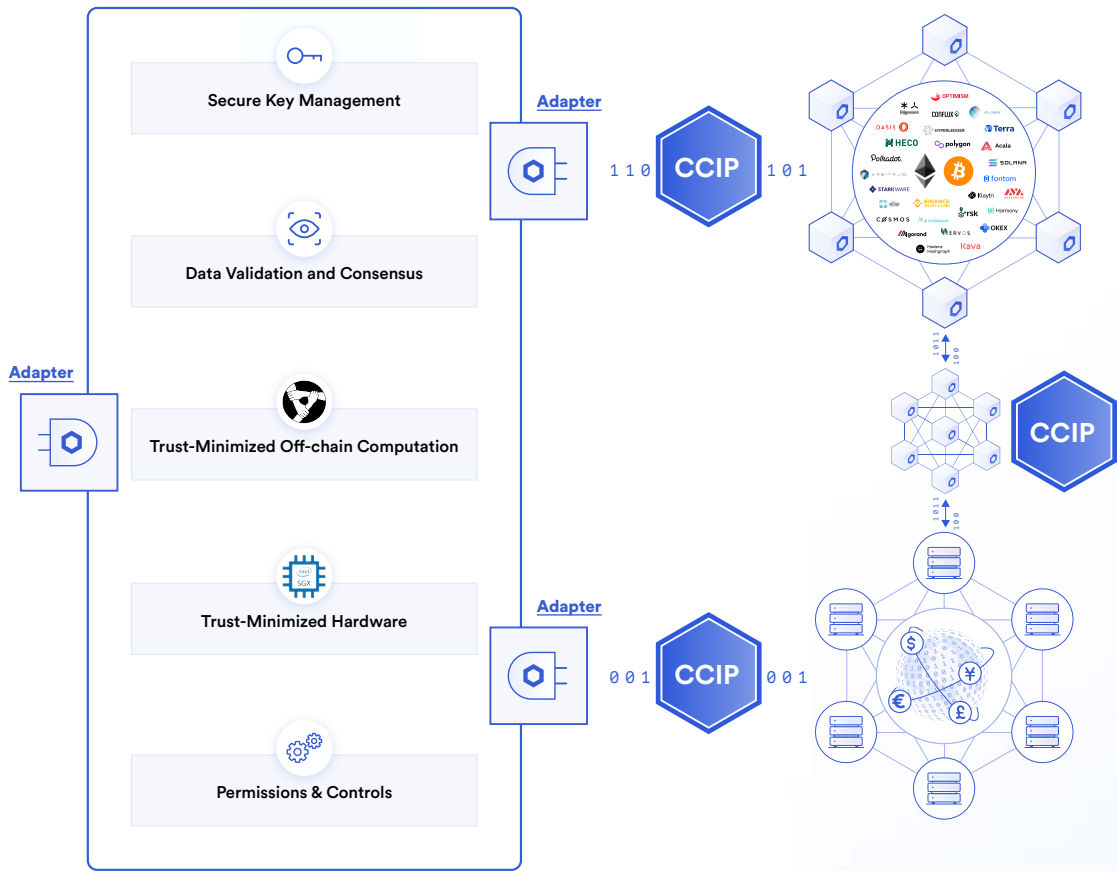
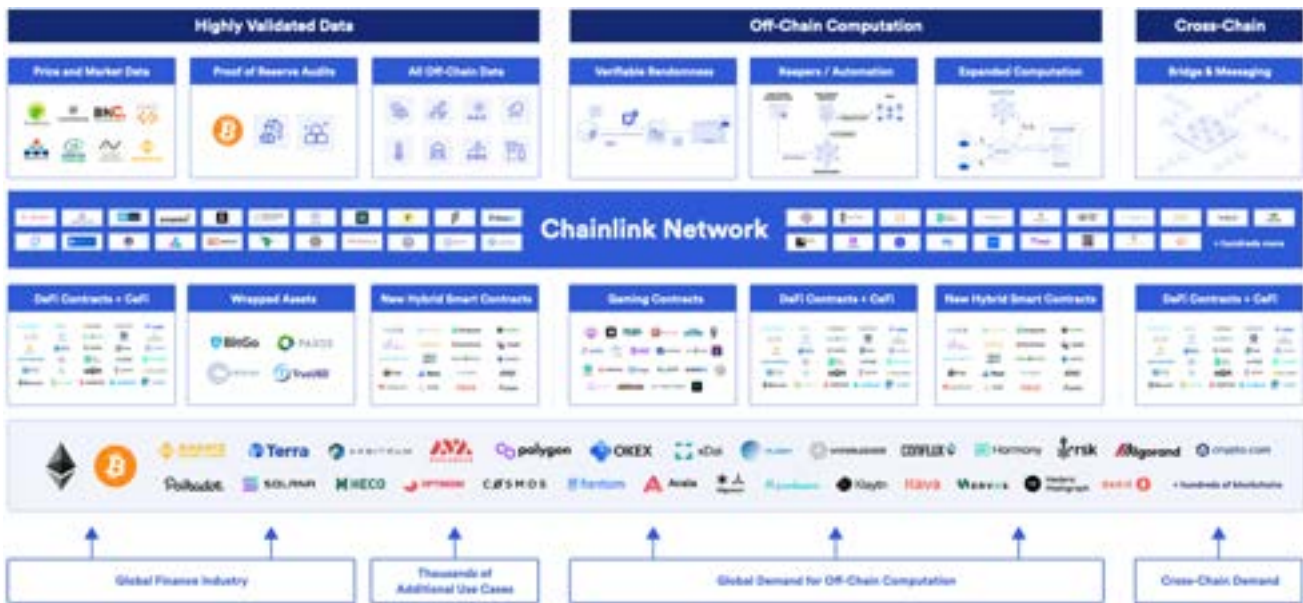
Decentralized Services
for Smart Contracts to
Reinvent Industries



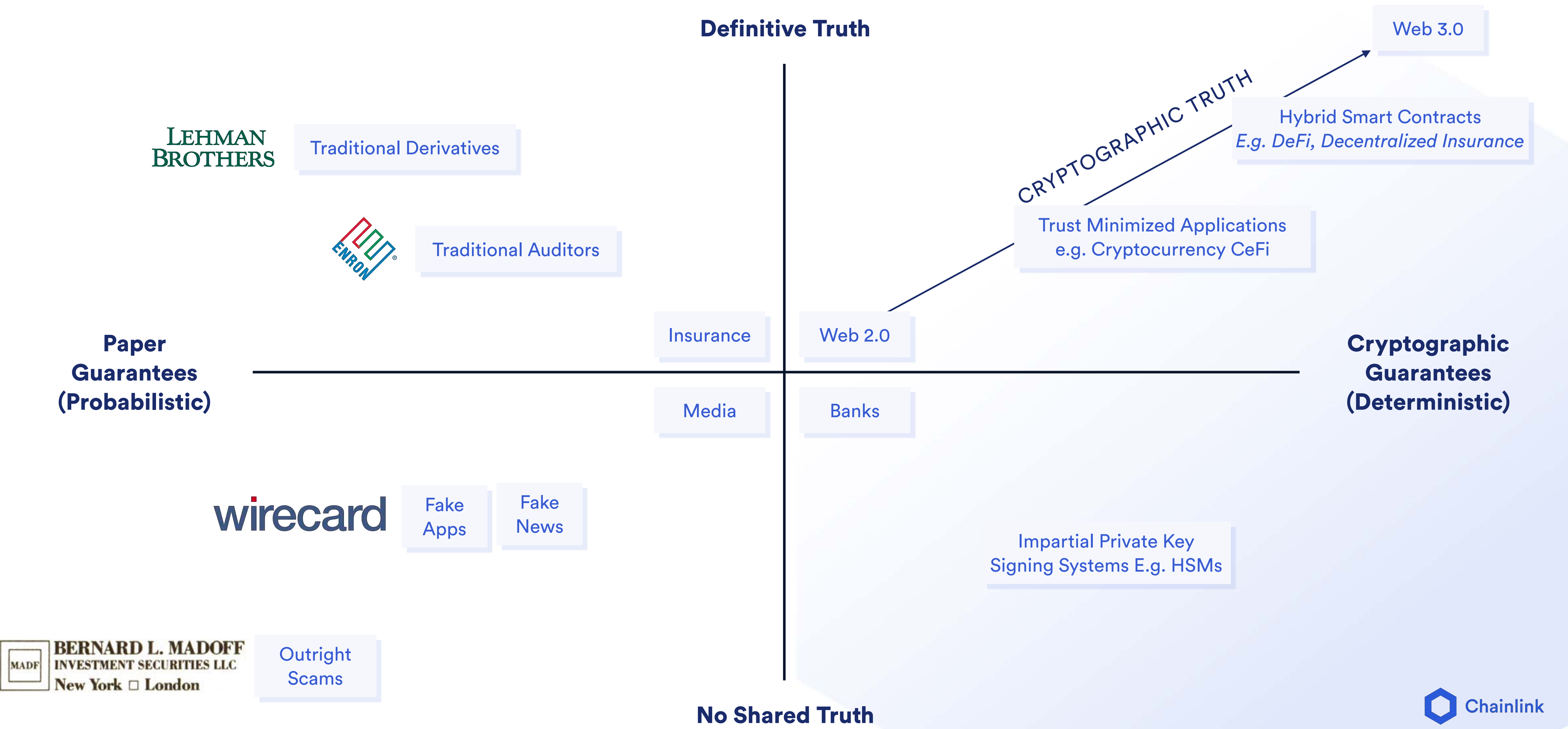
Abstraction layer for
Using Cryptographic
Truth for Anything



Widely Used Truth Machine
in a world that requires
a Reliable Source of Truth



Cryptographic Truth is the Future of All Reliable Agreement



Help Build a World Powered by Truth



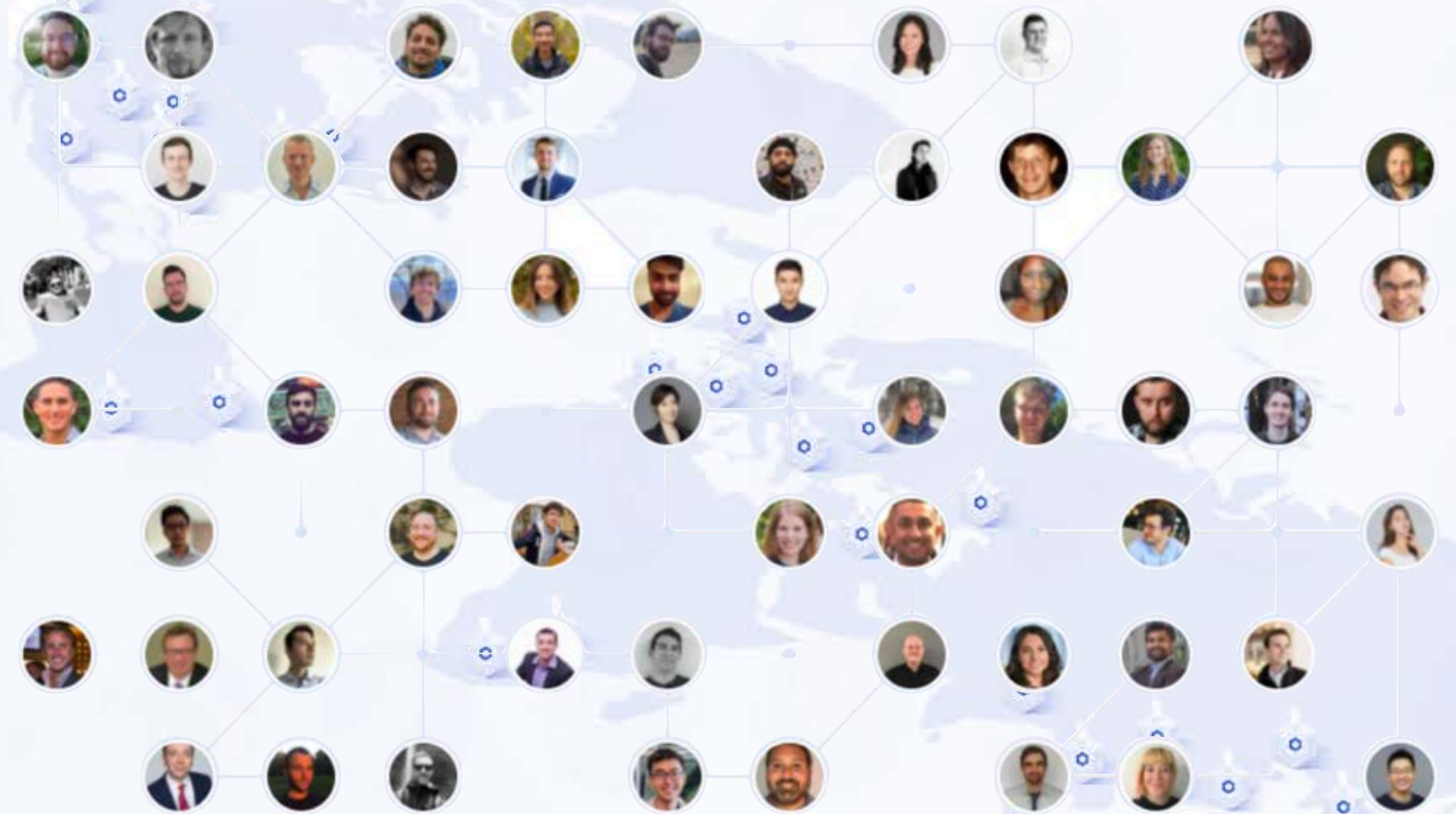
Build great open source software that enables the next generation of DeFi and many other smart contract types.



An idea meritocracy where the best ideas win.



A remote team working with great people all over the world.



WE ARE HIRING!

chainlinklabs.com/careers

Thank You

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