

# Why Do We Need Security Token Specific Blockchain Platforms?

Tokenizing Art, K-Pop and Other Assets



Misun Cho, cofounder & COO at

Kodebox

Samsung, Sony, Naver (Line), Igalia

Platform development projects:

- Smartphone platforms
- Samsung smart TV platform
- Web engine for the automotive



# Multi-trillion dollar market potential

USD  
70 trn

Equity

USD  
230 trn

Real Estate

USD  
64 bln

Fine Art

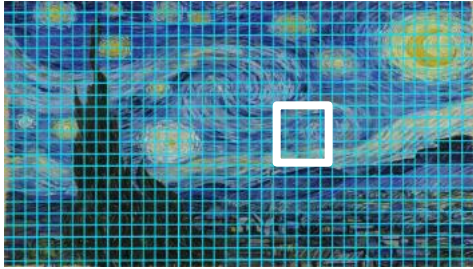
USD  
730 bln

Contents

USD  
1.2 qdn

Derivatives

# Value transfer on blockchain



**Fractional  
ownership**



**Increased  
liquidity**



**Cross-border  
interoperability**

# Technological challenges



Scalability

A network diagram consisting of six light blue circular nodes arranged in a hexagonal pattern. Each node contains a stylized human figure. The nodes are interconnected by dashed blue lines, forming a complete graph. A solid blue rounded rectangular box is positioned in the center of the network, containing the word 'Scalability' in white text.



Privacy

A network diagram consisting of six light blue circular nodes arranged in a hexagonal pattern. Each node contains a stylized human figure. The nodes are interconnected by dashed blue lines, forming a complete graph. A solid dark blue rounded rectangular box is positioned in the center of the network, containing the word 'Privacy' in white text.

# Scalability

Collectible.  
Breedable.  
Adorable.

Collect and breed digital cats.

Start meow



14%

15K



### Account Details

Last Update: 11/20/18, 5:05pm

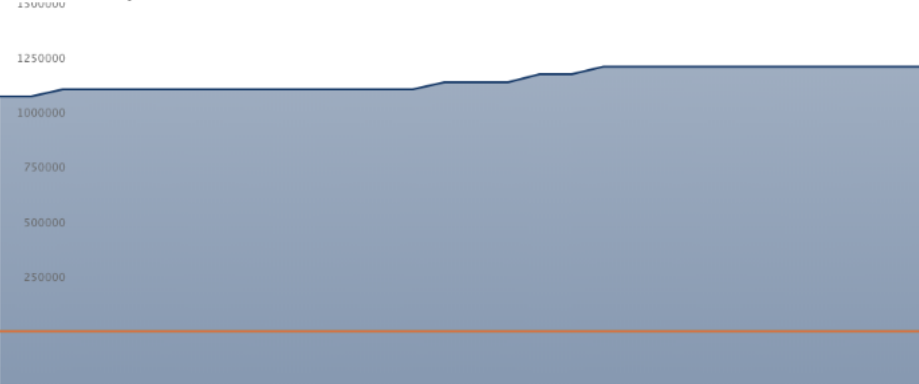
Watch

1,207,645.018680 ether

Portfolio

Metrics

### Account History 30d



6h 3d 30d

1,207,645.02 ether

Total Balance

1,207,646.11 ether

Balance In

1.09 ether

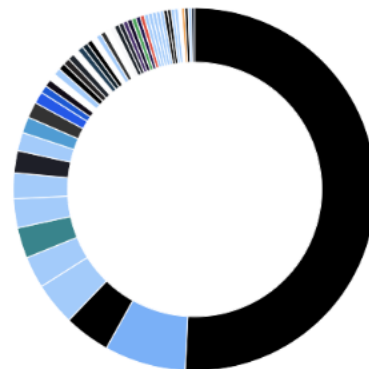
Balance Out

102

### Token Holdings

\$1,313,476,471.00

98 Tradable Tokens



124 Tokens

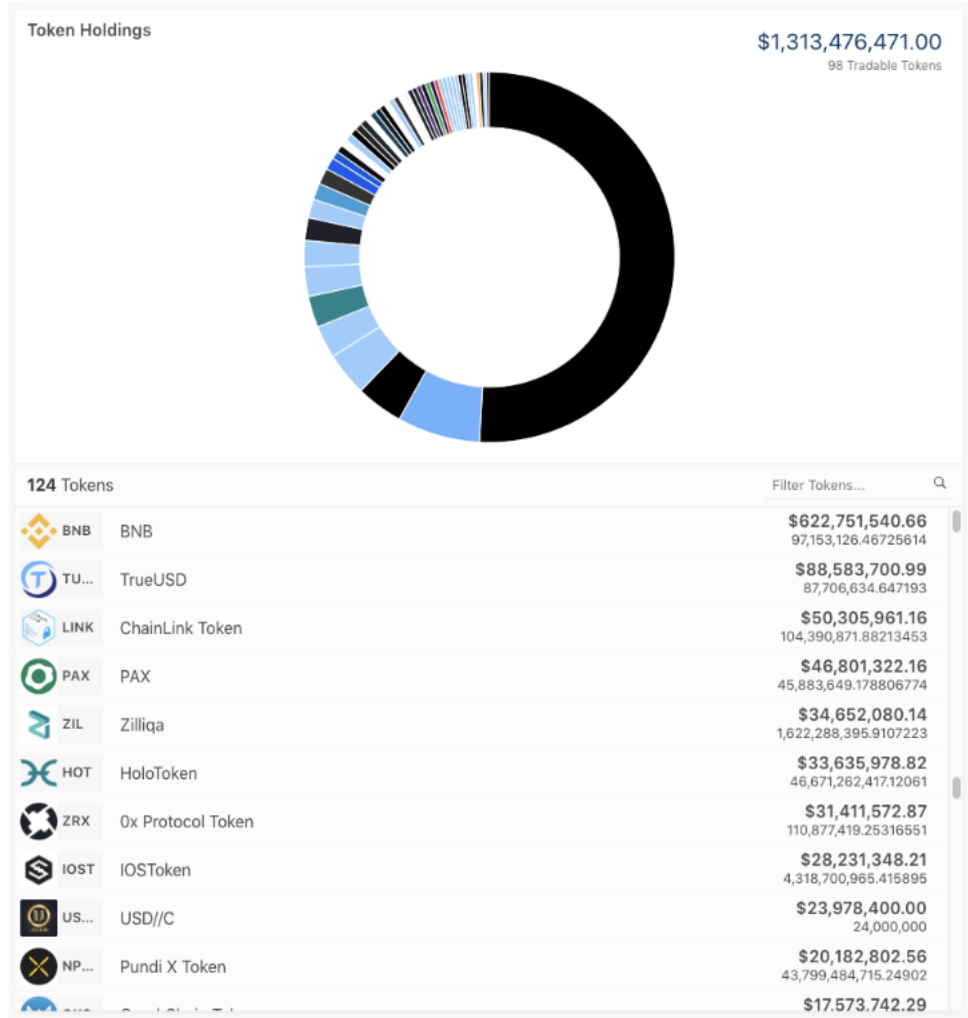
Filter Tokens...

	BNB	\$622,751,540.66
	TrueUSD	\$88,583,700.99
	ChainLink Token	\$50,305,961.16

# Privacy

## FULL DISCLOSURE

- Amount
- Asset portfolio details
- Transaction details





# Privacy

Non-anonymity

vs

Onchain

KYC/AML/CFT

Disclose how much I have?

Offchain

regulation check

Why use blockchain?

# CodeChain platform



Public & Permissioned

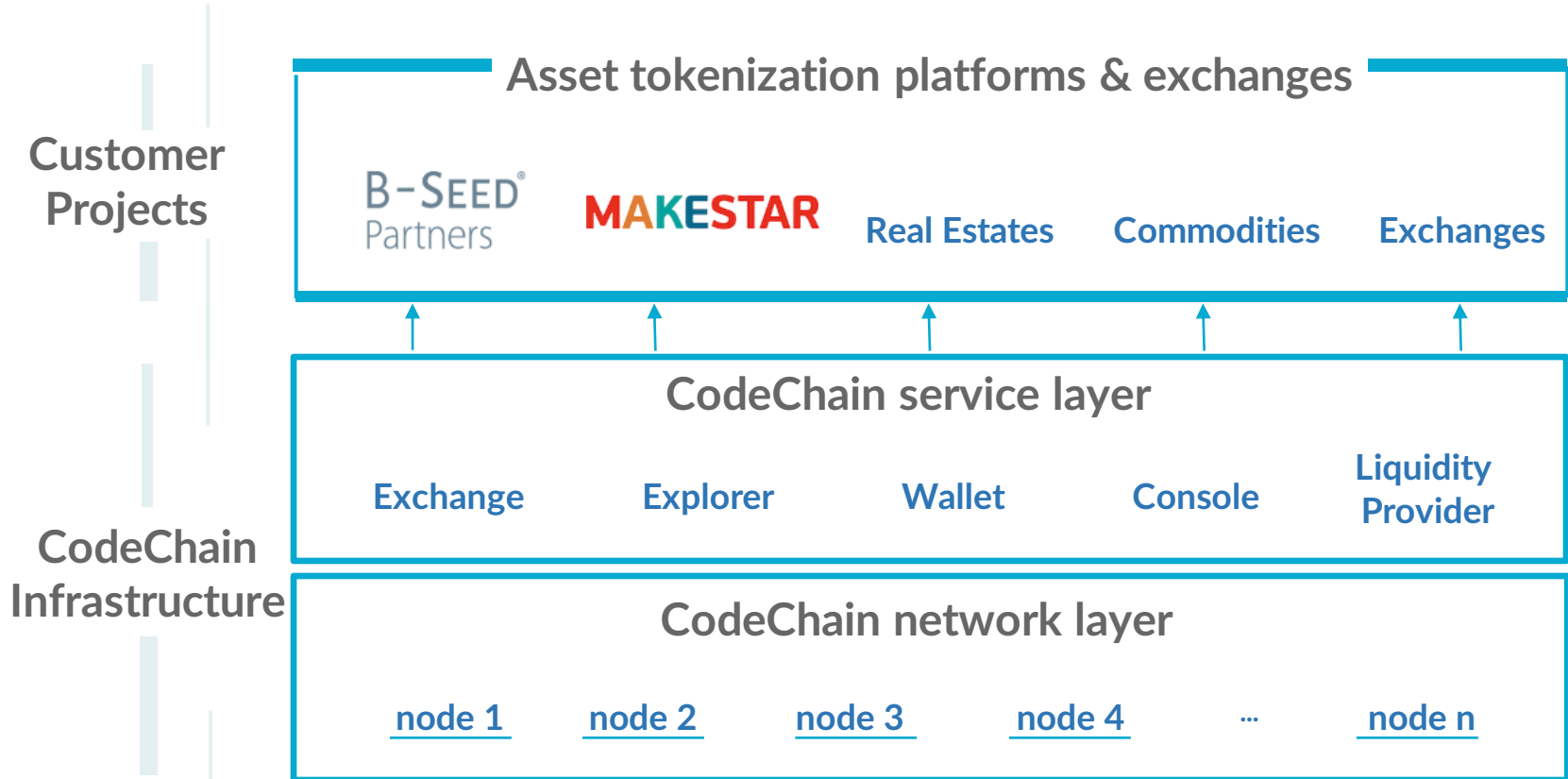
Sharding & off-chain relay



Tier 1 privacy

On-chain regulation compliance support

# CodeChain



# Art tokenization in Korea



ART TOGETHER

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YEOLMAE  
COMPANY

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B-SEED<sup>®</sup>  
Partners

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# Contents tokenization

**MAKESTAR**

Entertainment Content IP

Merchandise

Movies

Albums

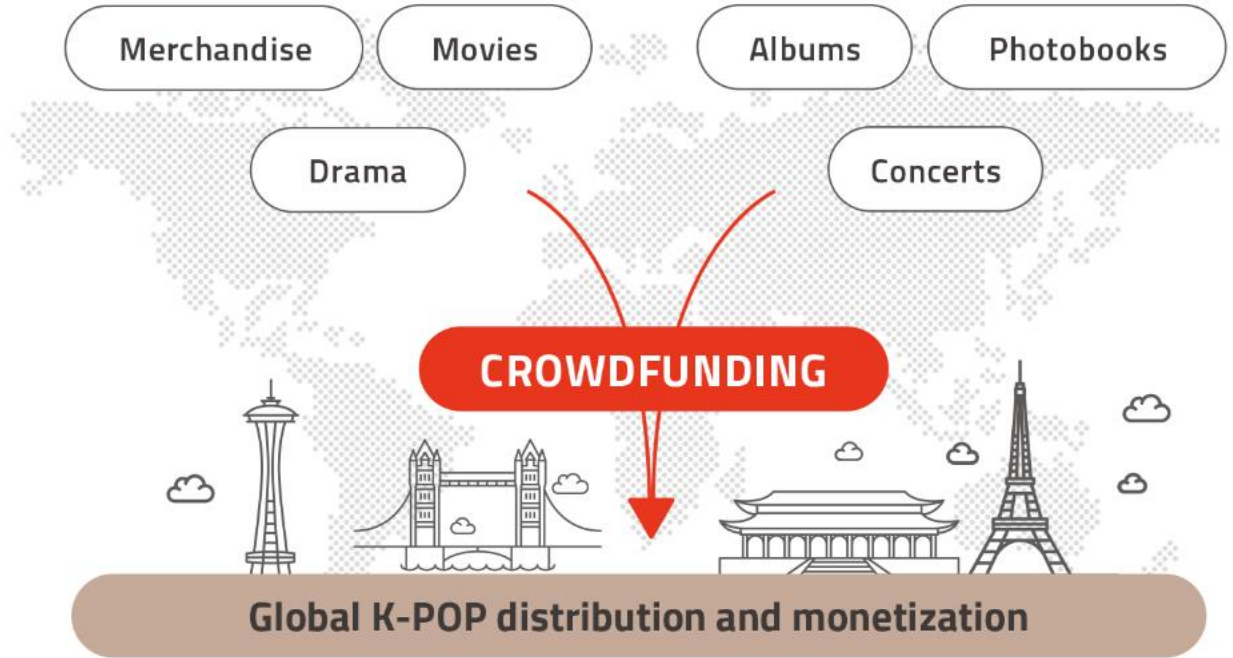
Photobooks

Drama

Concerts

**CROWDFUNDING**

Global K-POP distribution and monetization





Thank you

- Visit our website:

<https://codechain.io/>

- [GitHub](#)

- [White Paper](#)

- [Manual](#)

- [Explorer \(tesnet\)](#)

- [mscho@kodebox.io](mailto:mscho@kodebox.io)