

TRADING CITIES AS TOKENISED STOCKS



SEAT TOKEN

The PEV Protocol mints SEATs tokens - Sovereign Equity Asset Tokens. It captures cities and states (sovereign) data through its oracle process, generates a company-like valuation based on a 4 asset class framework of public goods to include: Livability, Workability, Sustainability and Governability. Using blockchain's smart contracts, valuations are converted into tokens and traded on decentralized exchanges. SEATs promises new source of capital gains for investors and an alternative tokenized model for sovereign IPO- like capital raise to costly municipal and sovereign bond security markets.

Public Goods & Services = City Assets

PEV Protocol Full-Stack Integrators



CitiQuants Decentralized Exchange (CQx) SEATs City Trading - Watchlist

SEATs		Watchlists	Chart	Screener	Research	More ▾	<input type="text"/> Search the PEV city exchange	<button>LOG IN</button>
#	ASSET-TICKER	View Only Mode	Ratings	Peters P:	20 columns, 1 filter		SHARE	
#	ASSET-TICKER	PRICE (USD)	MARKET CAP	CHANGE VS USD (24H)	CITY-IDENTIFIER	MARKET-REGION		
1	NEWY	\$68.35	\$223.5B	4.89%	New York	Americas		
2	MIA	\$49.40	\$77.6B	7.27%	Miami	Americas		
3	SANF	\$52.60	\$92.8B	-5.67%	San Francisco	Americas		
4	MEXC	\$44.45	\$66.8B	-5.20%	Mexico City	Americas		
5	SAOP	\$48.90	\$90.6B	3.20%	Sao Paulo	Americas		
6	HONG	\$43.00	\$64.5B	-2.88%	Hong Kong	Asa-Pacific		
7	SHA	\$33.40	\$74.8B	4.55%	Shanghai	Asa-Pacific		
8	TOK	\$66.45	\$145.2B	5.33%	Tokyo	Asa-Pacific		
9	MUM	\$26.20	\$28.1B	-4.23%	Mumbai	Asa-Pacific		
10	DEL	\$23.10	\$24.5B	-6.44%	Delhi	Asa-Pacific		
11	SIN	\$75.90	\$107.5B	8.23%	Singapore	Asa-Pacific		
12	SEO	\$55.70	\$70.2B	6.44%	Seoul	Asa-Pacific		
13	LON	\$61.25	\$210.7B	-4.23%	London	Europe		
14	ZUR	\$50.90	\$90.4B	2.34%	Zurich	Europe		
15	TAL	\$57.50	\$44.3B	6.44%	Tallinn	Europe		
16	DUB	\$66.70	\$102.5B	4.55%	Dubai	Middle East		
17	TEL	\$52.50	\$42.7B	-4.29%	Tel Aviv	Middle East		
18	CAP	\$39.60	\$49.5B	-5.55%	Cape Town	Africa		
19	CAI	\$28.40	\$33.8B	3.25%	Cairo	Africa		
20	LAG	\$32.40	\$49.3B	2.33%	Lagos	Africa		

PEV THESIS – Proof of Asset Performance

The Opportunity – “Reperceiving a city”

1. Cities are sovereign firms (SFs)

2. All firms have assets that can be priced, valued and traded

3. Cities have a portfolio of assets to include: Livability, Workability, Sustainability and Governability (finances)

4. Algorithmic valuation of cities assets generates a fundamental price (first price)

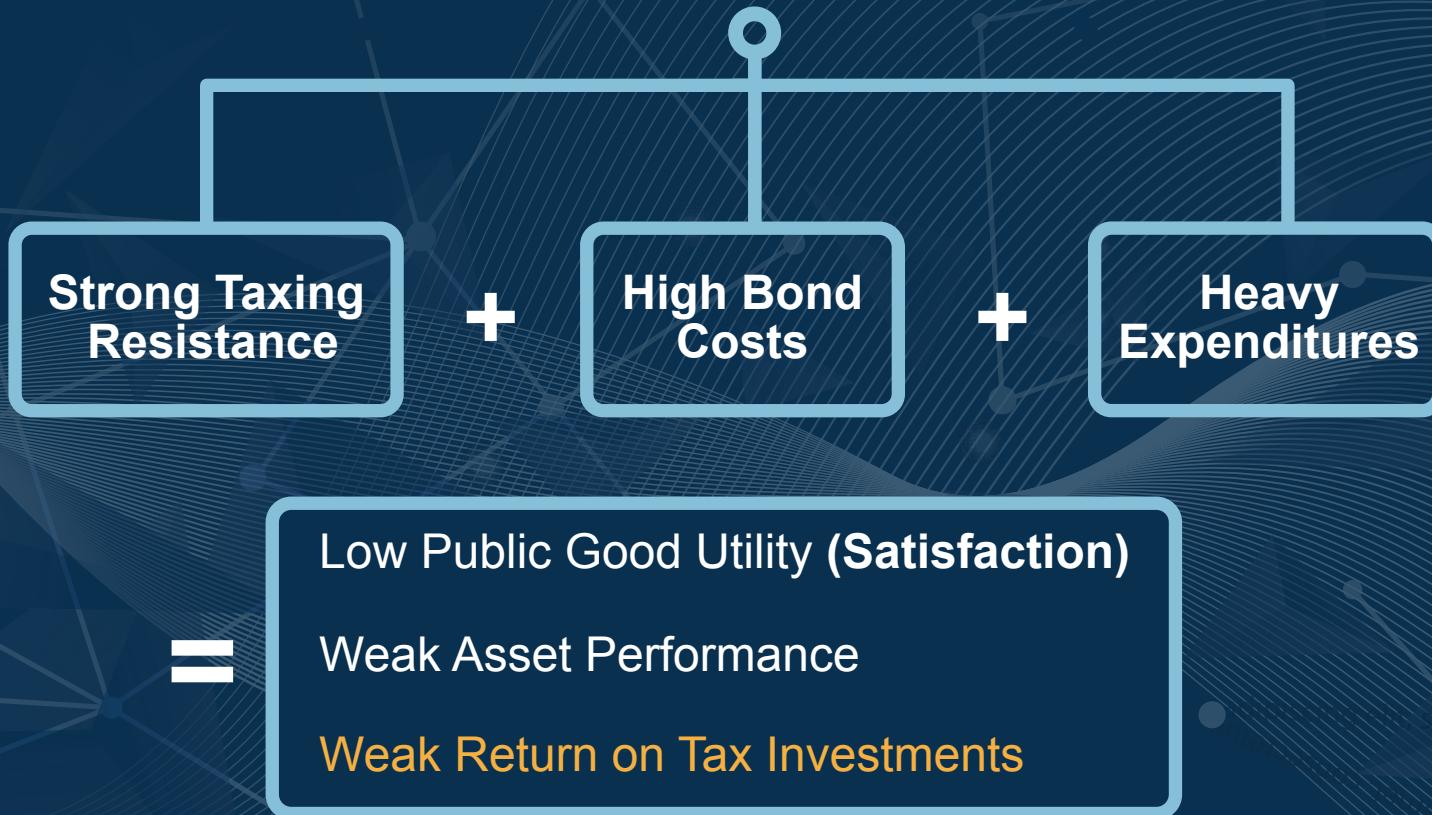
5. Smart contracts cryptographically convert fundamental price into tokens

6. Cities tokens are minted and traded on an exchange/s (CQx)

7. Cities' public investment decisions (asset management) and public investor voting drive token price valuation, as validated “Proof of Performance” model.

CITIES FINANCING PROBLEM

UTILITY AS A 1ST RETURN ON TAX INVESTMENTS IS NOT ENOUGH



Constrained by Insufficient Capital

Cities are struggling to fund healthcare, infrastructure, housing and other public goods due to insufficient revenues resulting in sub-par public services.

A 2nd RETURN IS NEEDED. PEV'S SEATs TOKENS DELIVERS IT.



Fair Isaac takes people's Livability spending debt management decision data in their cities and created credit **SCORES**

Livability Asset



CARBON
STREAMING CORP

Carbon Credit Corp models carbon **CREDITS**. The rise or fall in CO₂ and Methane emissions plus resilience targeted public investments affect environmental valuation

Sustainability Asset

FAANG



INDICES on wage growth, employment rates and company profits principally drive workability asset token performance

Workability Asset

Moody's

S&P Global

Moody's, S&P and Fitch take cities and states financial data and create municipal and sovereign **RATINGS**

Governability Asset

CitiQuants Oracle converts cities and states unstructured data off-chain, into a 4 Asset Class portfolio. Valuations are generated from these assets, then minted, tokenized and traded on exchanges as equity security tokens (City Stocks).

THE OPPORTUNITY - A 2ND RETURN

(TOKENIZED CAPITAL GAINS FOR CITY DWELLING INVESTORS NOT ONLY UTILITY)
(TOKENIZED CAPITAL RAISE FOR CITIES CAPITALIZATION NOT MUNI DEBT)



CITY MANAGERS MUST BECOME GREAT ASSET MANAGERS TO DRIVE PEV TOKEN PRICE APPRECIATION FOR INDIVIDUAL AND INSTITUTIONAL INVESTORS

PEV'S SOVEREIGN EQUITY ASSET TOKEN (SEATs) MARKET

\$38T

S&P Current market cap
July 2023 (Dow Jones)

\$200T

*Estimated Global Equity Token
Sovereign Market Size
(Zagada Institute 2023)

\$133T

Global Sovereign Bond Market Size
(Bloomberg 2023)

Replacing a sovereign debt burdened world with an equity token funding model delivers new capital gains to city dwellers (individual investors), businesses and foundations (institutional investors) and gives cities and states new access to needed capital

* Done by ascribing the following value to each of the 4 assets:

Livability Asset = \$9T based on global real estate residential mkt;

Workability: \$70T based on 80% of global GDP generated by cities;

Sustainability: \$2T based on investment in climate and environmental assets;

Governability: \$119T based on the size of the global sovereign & municipal bond mkt.

POTENTIAL ASSET TOKENIZATION COMPARISON PROJECTION



PROJECTED VALUATION \$866.9 TRILLION. Digital Asset, Distributed Ledger Technology and the Future of Capital Markets (WEF, May 2021)
WEF predicts that blockchain will have an immense impact on the world economy; capturing US\$10 trillion of global GDP by 2027

THE PEV CITY OPPORTUNITY

500 CITIES
DRIVE

80%

of the \$90T in
Global GDP

75%

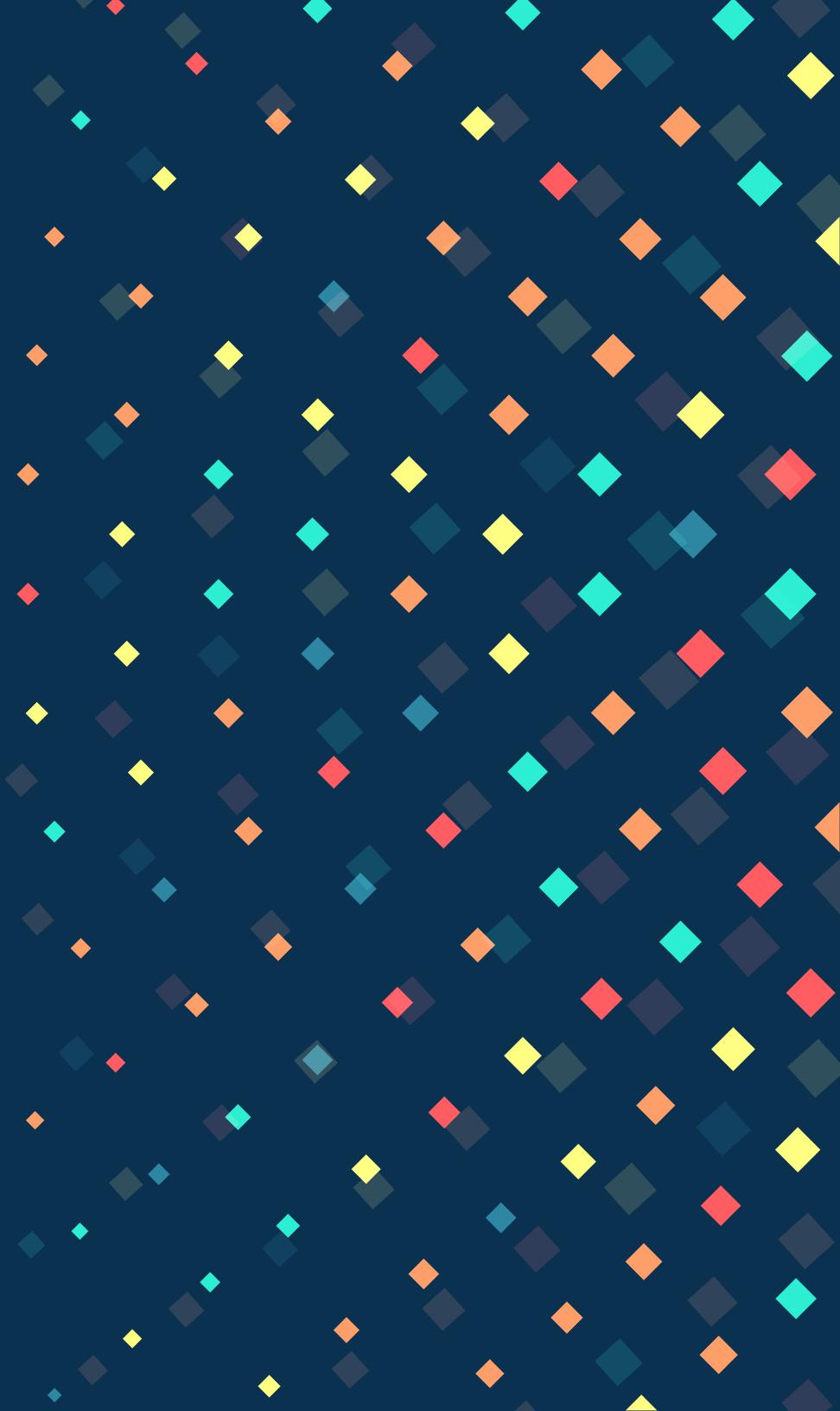
of Global Climate
Emissions

10,000

Cities Globally with 50K+ population

10 Trillion

Additional Annual Investment Needed By Cities by 2025

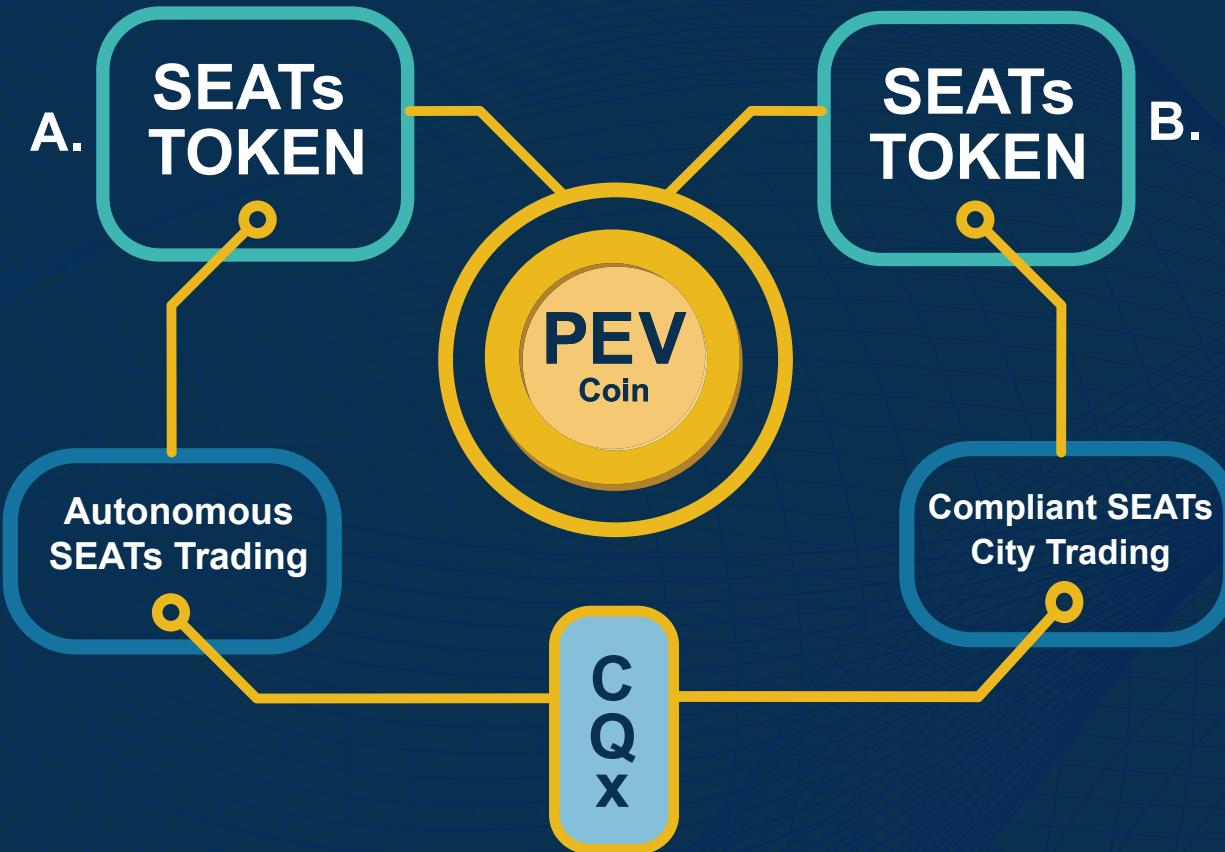


AVAILABLE MARKET 500 CITIES - % GEOLOCATION



500 Global Cities Capture 80% of the World's US\$90T GDP & 75% of Climate Emissions.

THE PEV PROTOCOL



A. SEATs phase 1 execution priority is trading cities independent of city approval. Algorithmic minting, issuance on the CitiQuants Decentralized Exchange (CQx) exchange or other exchanges.

B. SEATs phase 2 is trading cities and states as regulatory approved equity security tokens as Initial Token Offering (ITO), validated, minted, issued and traded similar to the IPO process.

SEATs Trading Price

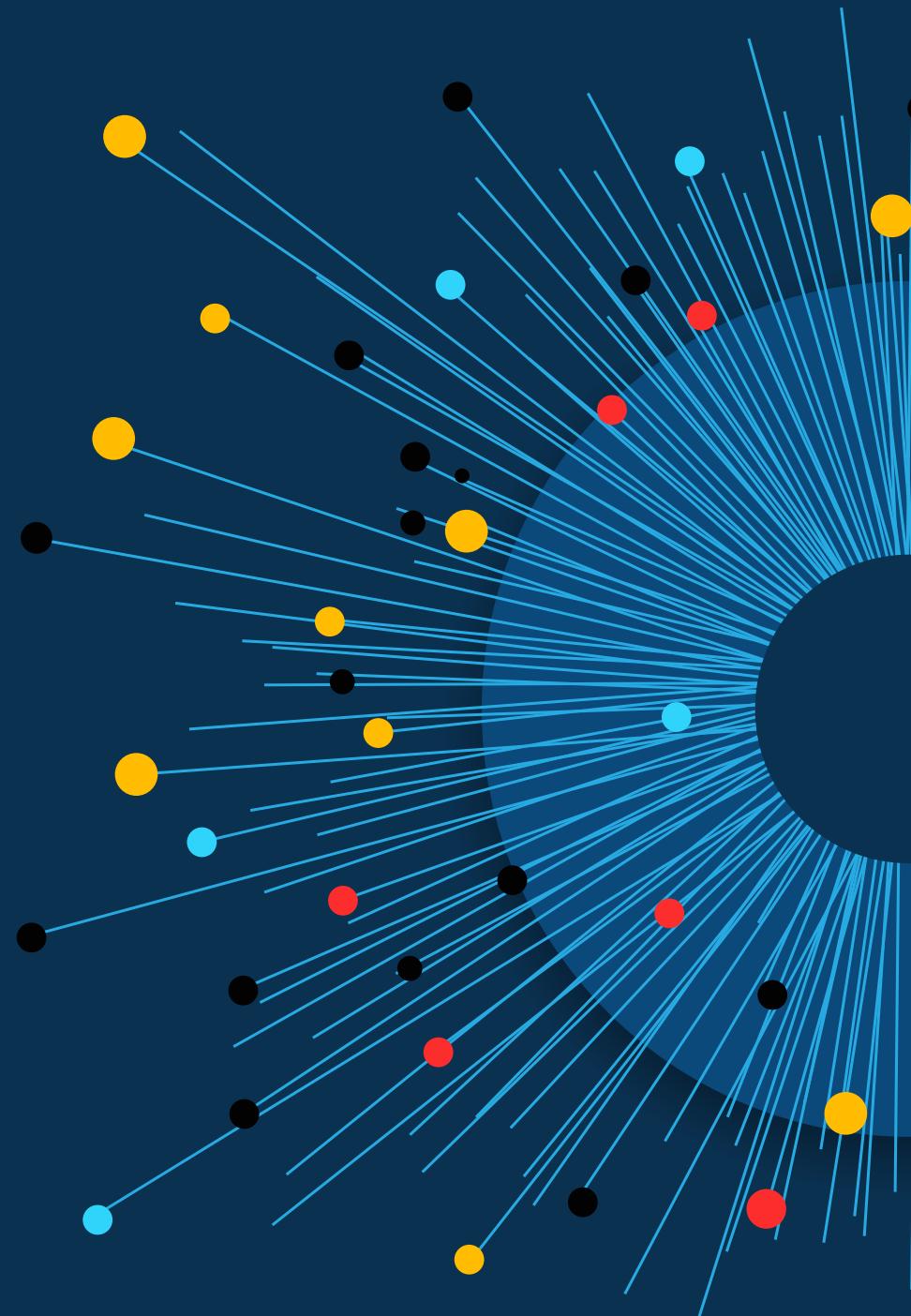
Public Policy + Public Investment

Determine the quality of public goods (Assets).

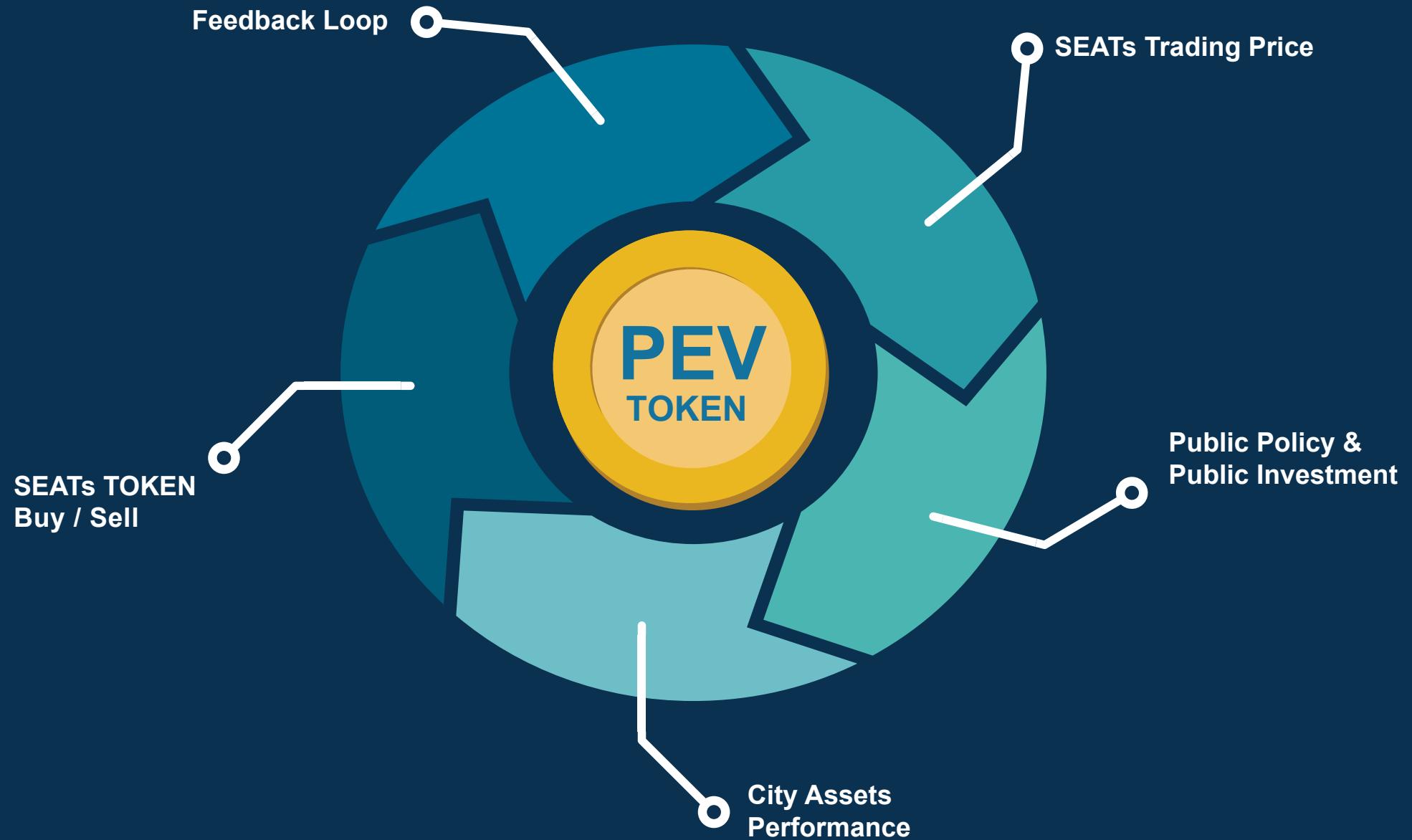
Algorithms generate the city's 4-Asset portfolio valuation first price (a fundamental price).

Subsequent buy/sell token trades (investor token voting) generates token prices (the second price).

The protocol's feedback loop mechanism and visible token price pressures public managers to become more effective in their public policy design and public investment asset allocation performance.



PEV PROTOCOL



PEV BUSINESS MODEL PLATFORM

Revenue

Issuance/Listing Fees, Trading Fees, and
Customized Trading Research Data Subscription

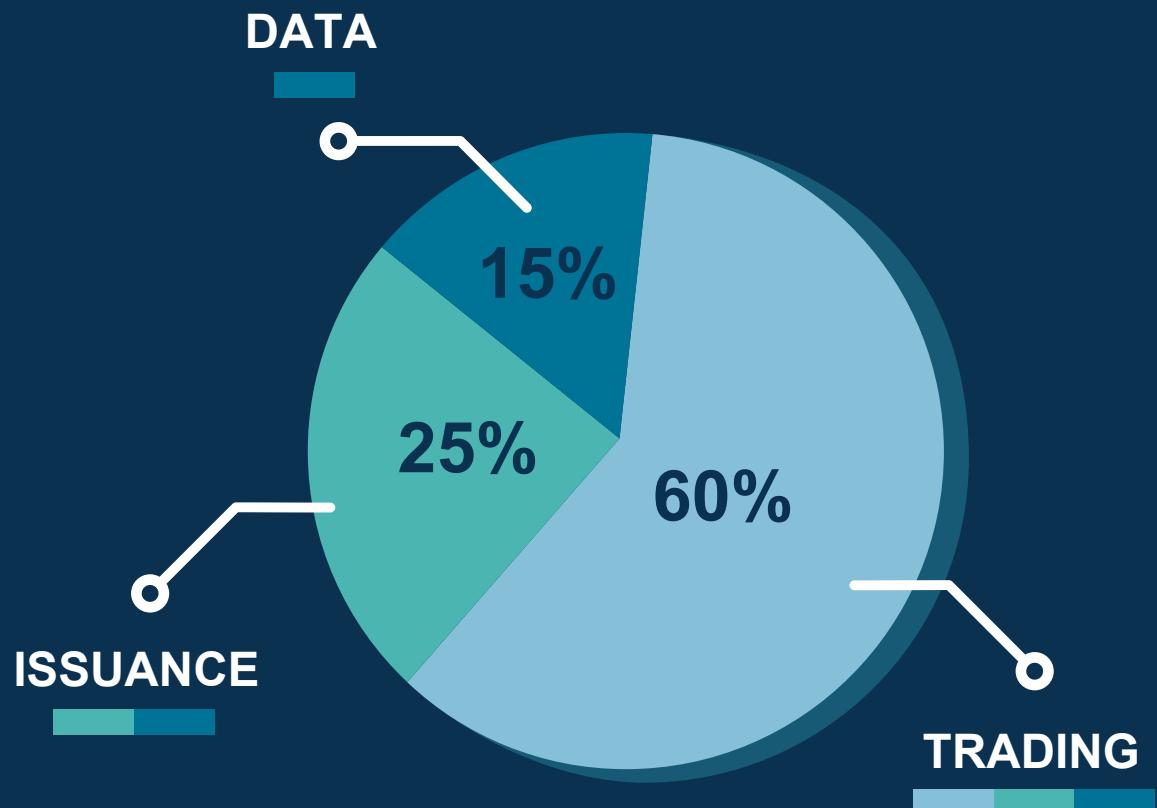
Platform

Decentralized Exchange
(SEATs Token Trades, PEV Coin Transactions)

Blockchain
(PEV Token, PEV Coin)

Data Oracle
(Institutional Intelligence Demand)

BUSINESS MODEL



Revenue is driven by SEAT Token Issuance/Listing and Trading fees, and native PEV Coin value appreciation. Institutional market intelligence demand for research, trading and portfolio customization will drive data subscription revenues.

Investor Classification

Individual Investors (City Dwellers)	Institutional Investors (Asset Managers, Businesses, Foundations)	Sovereigns (Cities, Municipal Corporations, States & Countries)
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PEV PROTOCOL STRENGTHS

Patent Pending
& Trade Marks
IP Assets

Strong
Integration &
Infrastructure
Platform
Partner

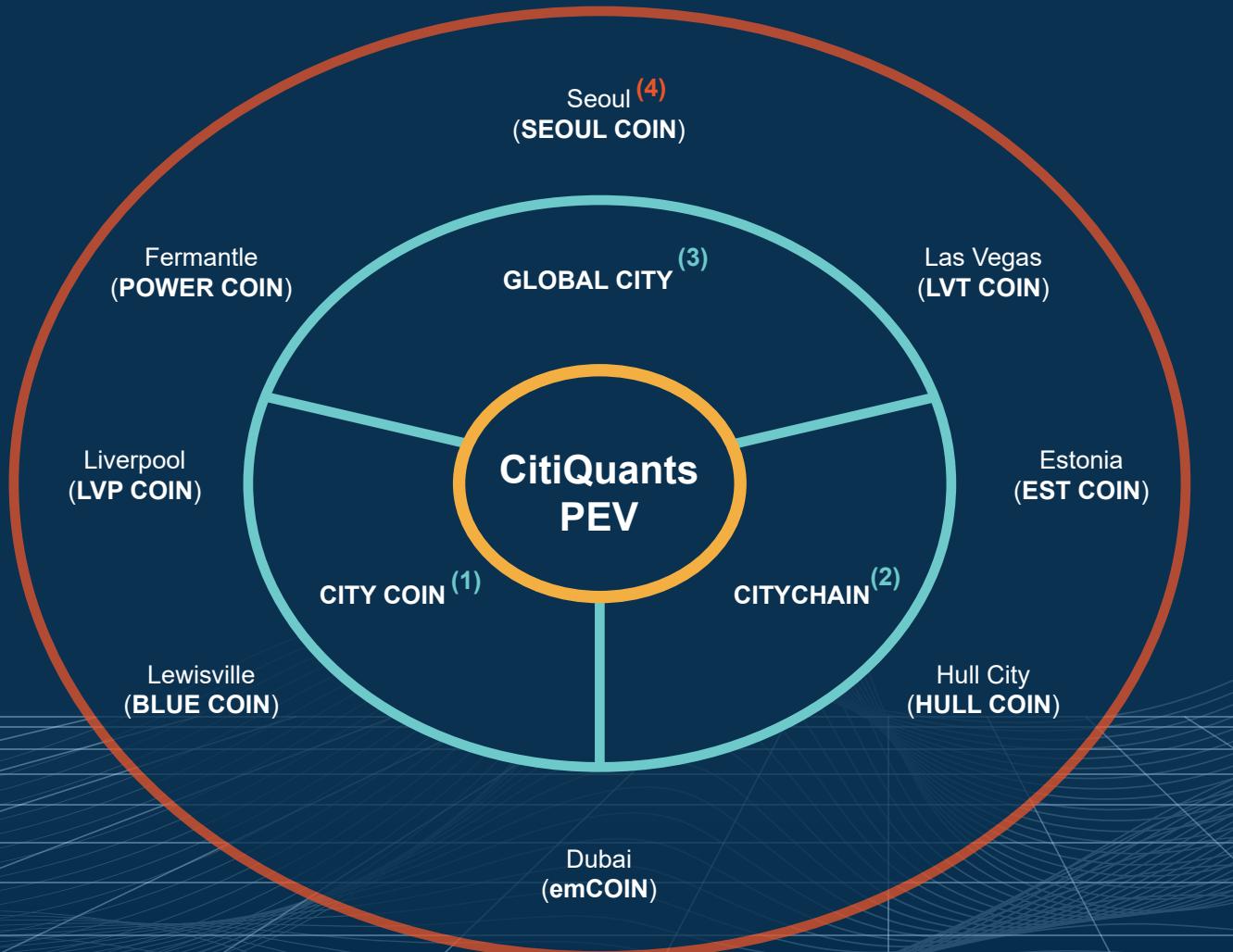
Developed
UCAIN
(Universal
Cryptographic
Asset International
Number)
Algorithmic
Ticker for
CQx trading

Unique Equity
Token Asset
Modeling

Decentralized
Exchange
(CQx)

Vertically
Integrated
Platform
Exchange
(CQx)

THE COMPETITION



(1) CityCoin. A well-funded \$100M project of Freehold and the Blockstack (Stack) blockchain, the company's Proof of Transaction (PoX) thesis emphasizes a social impact contribution tokenization model, while PEV focuses on an asset driven public good pricing thesis.

(2) CityChain. Deployed by the Danish based CityCoin Foundation and its Liberstand Block Exchange, the project is a Proof of Stake (PoS) framework, initially modeled on Liberstand, a small Danish city. This project emphasizes smart city and social city functions optimization.

(3) Global City. Driven by nChain, Blockchain SV's solution, this city solution is not a city token, but an e-commerce platform for bidding and selling cities as personally developed city sites that grow in value through a content strategy. nChain is the backend payment solution.

(4) Sovereign Coins. Over 27 countries and cities across the world have launched several utility or loyalty coins to exploit location branding. These initiatives are utility are utility coins and not equity coins security tokens that allow cities to raise capital and generate capital gains for investors as PEV promises.

Main Team



Philip Peters - Founder & CEO
Research Analyst & Derivative Modeller



Mark Jonathan Cejas -
Sustainability Asset Lead
Environmental Data Scientist and Investor



Hamid Sammy Yousif
Blockchain Lead Developer



Sergii Nikolayenko
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Advisors

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& STATES AS TOKENIZED STOCKS**

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