

TOKEN AS A SERVICE PROCESSES



Token creation and management has 3 fundamental challenges



Smart contract
development



Expensive

Lack of know-how and resources
to program secure token contracts
efficiently



Token lifecycle
management



Hard to scale

Deployment and lifecycle
management (mint, burn, whitelist
etc.) often require highly technical,
manual processes



Key protection



Unsecure

Insufficient key protection during
deployment poses a high security
risk for token issuers

1. Token creation



Blockchains

Select from leading EVM chains: Ethereum, Polygon, Avalanche, BNB Chain etc.



Token standards

Select between ERC20, ERC1400 or ERC721 (NFTs) and configure tokens easily



Wallet management

Securely launch tokens in non-custodial way with your wallet of choice – view tokens in Token Tool portfolio Tracker



2. Token distribution



Multisend

Distribute tokens and NFTs to hundreds of recipients in a single transaction



Token sale / DvP contract

Setup and manage token sales to receive investments in crypto or stable coins



Token locker contract

Create token lockers on chain to build investor trust and manage lock-up periods



3. Token lifecycle



Mint/burn

Effortlessly mint and burn tokens to manage supply and enforce corporate actions



DEX liquidity pools

Create and manage liquidity pools for your tokens on decentralized exchanges



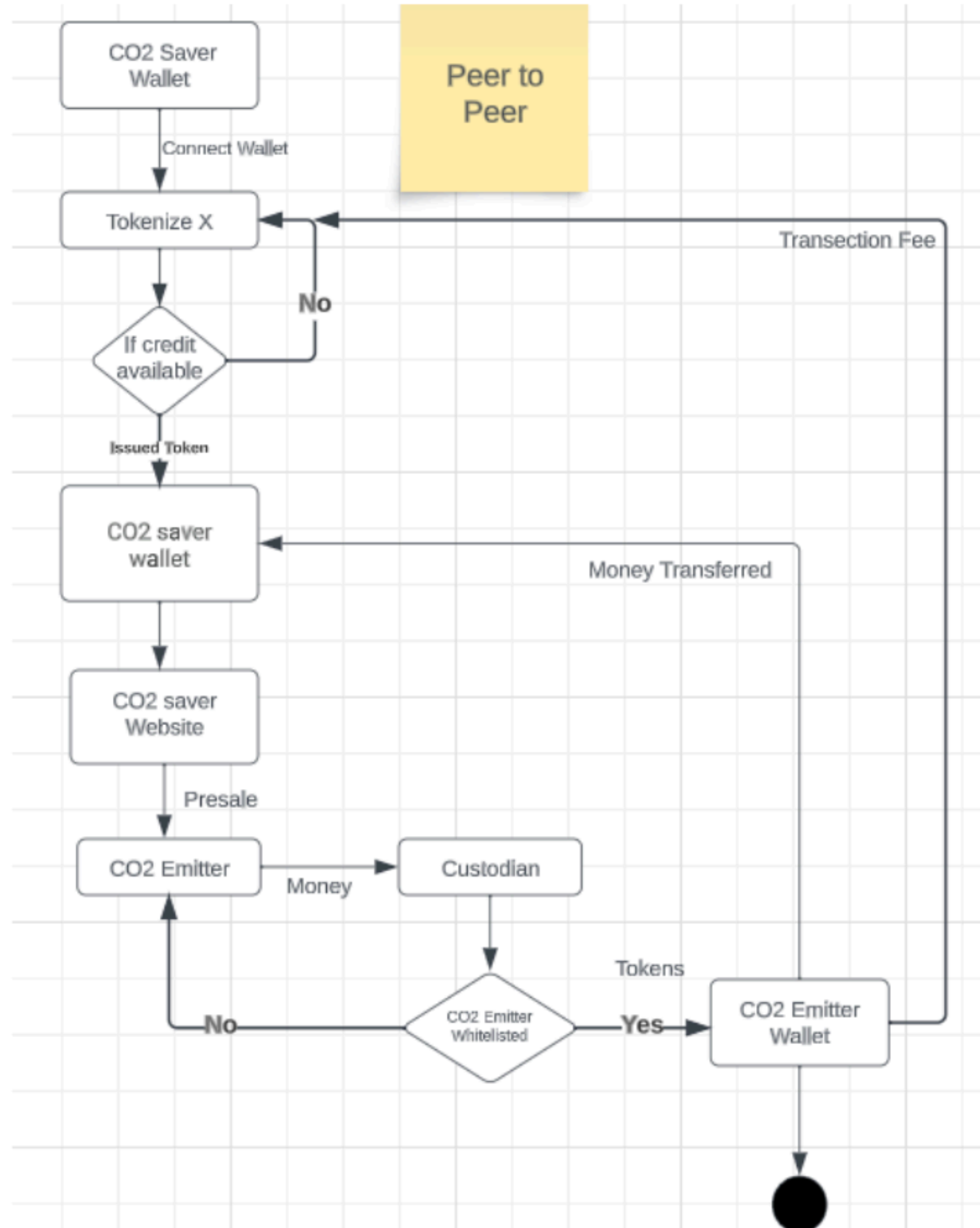
Compliance

Enforce compliance via whitelisting, blacklisting and force transfers; add document reference to your token

Carbon Credits Tokenization - Sell on Website

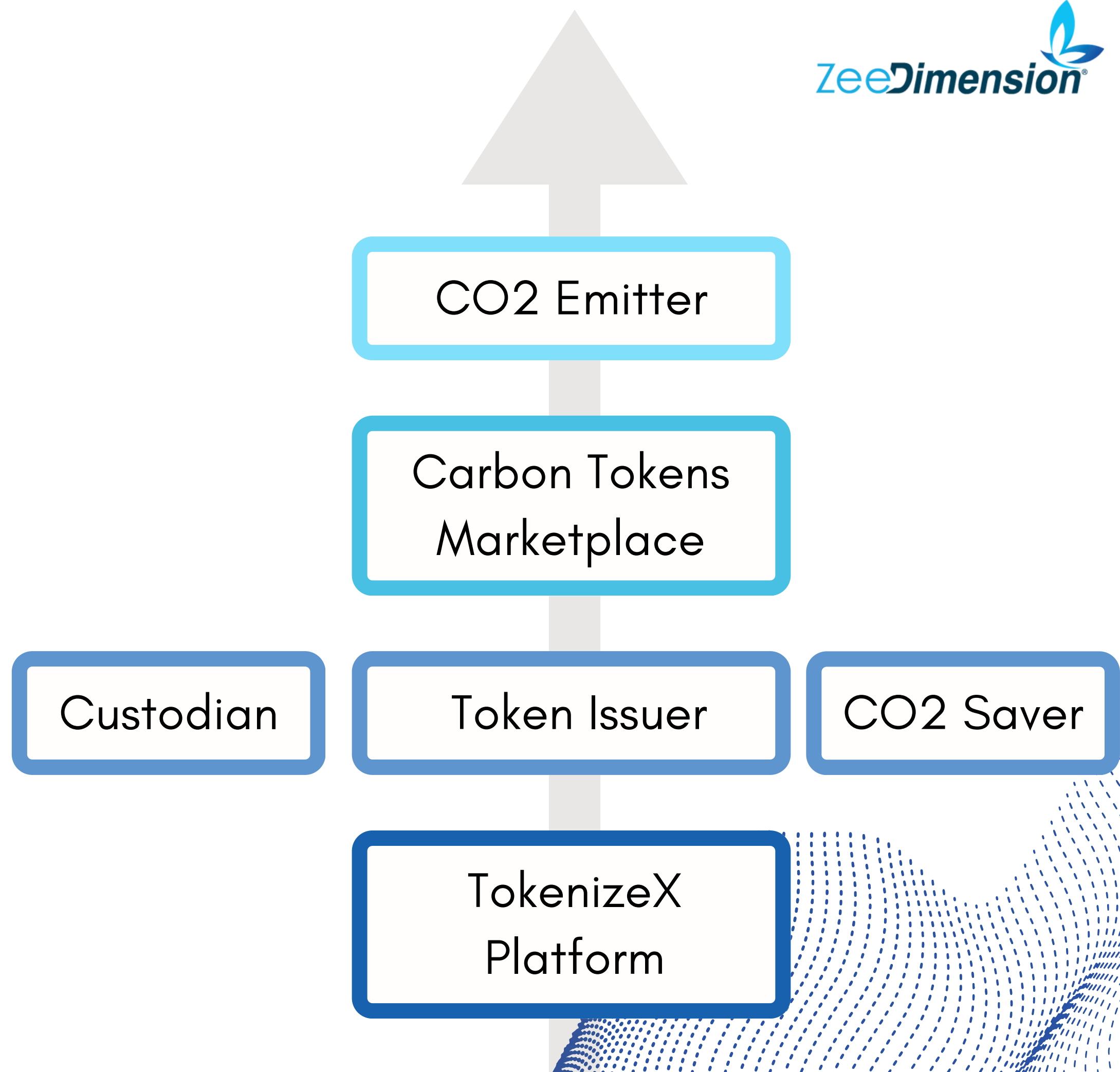


Use Case: Carbon Credits Tokenization (Sell on Website)

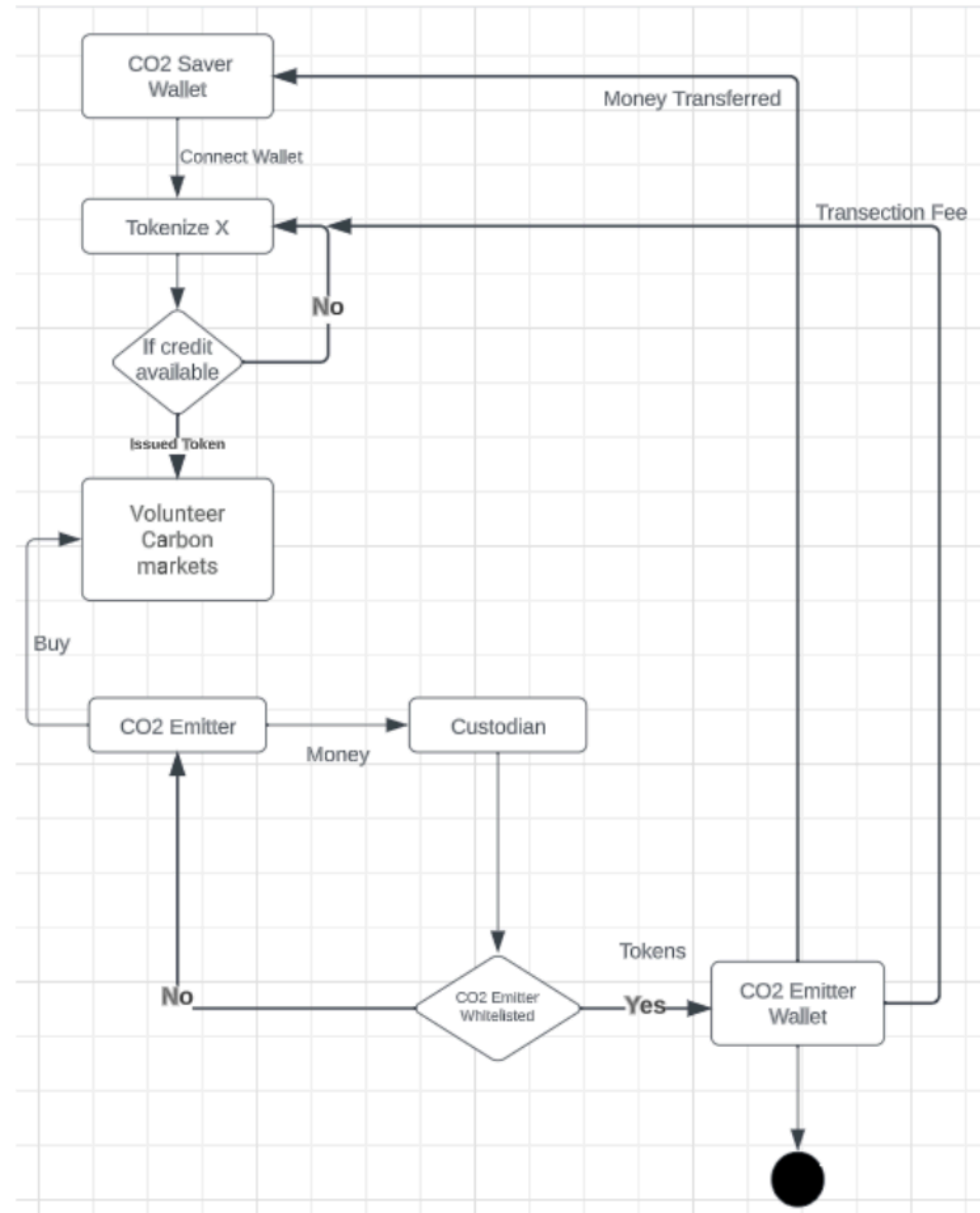


VOLUNTEER CARBON MARKETS USE CASE

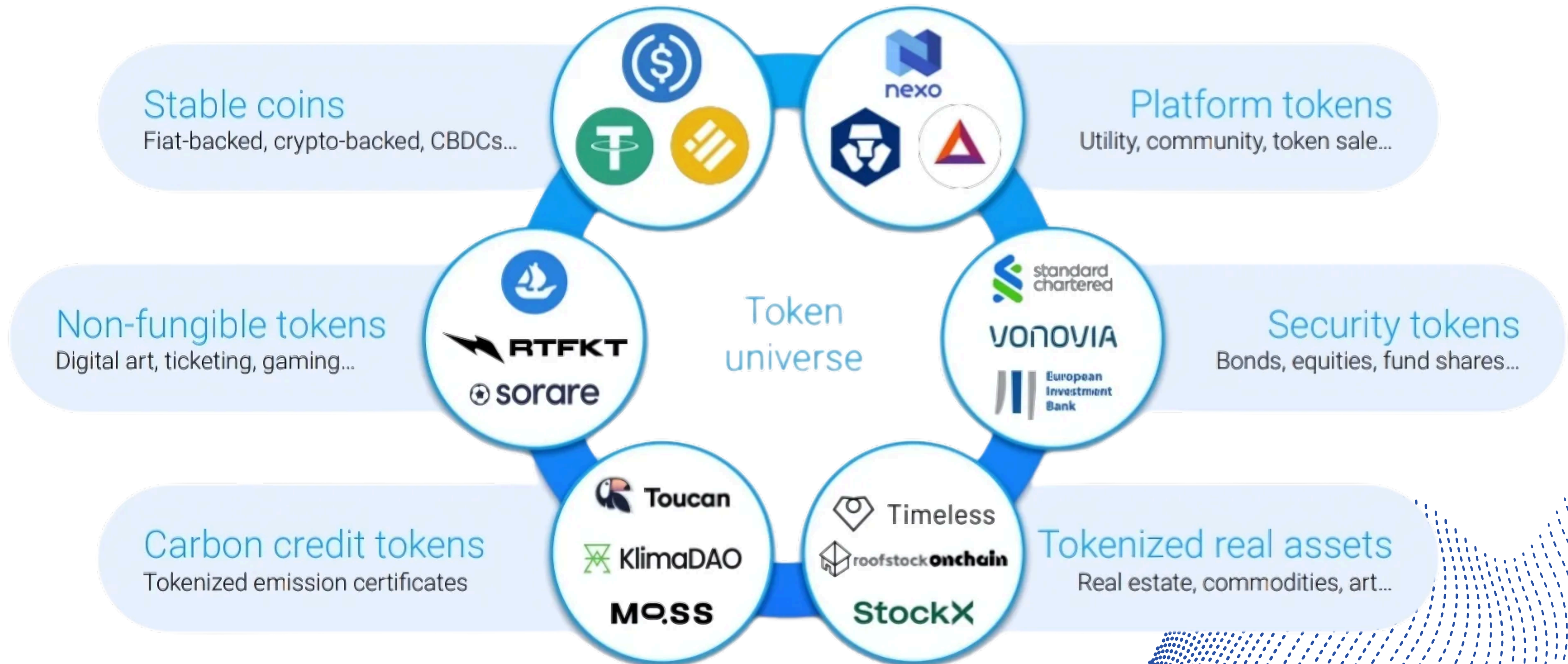
Carbon Credits Tokenization - Sell on Marketplace



Use Case: Carbon Credits Tokenization (Sell on Marketplace)



Token use cases span across multiple industries



TPG / Rubicon Carbon :

Customer & Use case

- TPG is one of the largest private equity firms globally with over USD 120 billion AuM .
- TPG holds a large position of carbon credits as part of the climate investing strategy of their global impact investing platform .
- Via their dedicated subsidiary Rubicon Carbon, TPG is building a trading platform and market infrastructure for carbon credits.

Implementation&benefits

- Tokenization via Bitbond Token Tools and Fireblocks on Ethereum
- The token, called Rubicon Carbon Tonnee, provides institutional investors access to proprietary sets of both nature-based and non-nature-based carbon credits.
- Tokenization substantially improves transparency and liquidity in the underdeveloped carbon credit market

Track Portfolio

Create Token

Manage Token

Distribute Token

Create Token Sale

Manage Token Sale

Create Token Locker

Create NFT

Manage NFT

Distribute NFT

Create Chain Record

Gas Price

Create ERC20 Token

- Simple, fast and convenient token generator
- No smart contract programming required
- Get 100% ownership of generated tokens
- Set custom token name, symbol and initial supply
- Sign and create with your own wallet

Ethereum

Avalanche

Polygon

BSC

Fantom

Arbitrum

Optimism

Audited by



Basic settings

Token name *

e.g. Nice Token Name

Symbol *

e.g. NT

Initial supply *

e.g. 21,000,000

Decimals (0-18) *

e.g. 18

Token configuration

Can Burn

Can Mint

Can Pause

Value Proposition for ADNOC

Our tokenization platform is world's most robust and secure German environment, already handling billion of dollars transaction daily. It will provide following value proposition for ADNOC.

We are here to support on any initiative that ADNOC would like to start, whether it is credibility enhancement of their carbon credits or generating new revenue streams for their decarbonization projects or setting up carbon market.

The value proposition of tokenizing carbon credits for Abu Dhabi National Oil Company (ADNOC) could provide significant benefits, especially as the organization seeks to align with sustainability goals and the UAE's commitment to reducing carbon emissions. Here's an outline of the main value points:

1. Enhanced Transparency and Traceability

- **Blockchain Integrity:** Tokenization through blockchain provides a transparent, immutable record of carbon credit transactions. This ensures ADNOC's carbon credits are verifiable, reducing risks of double-counting or fraud.
- **Increased Trust:** Investors, regulators, and stakeholders can trust the legitimacy of ADNOC's carbon credits, knowing each tokenized credit is linked to a traceable carbon reduction activity.



2. Improved Liquidity and Accessibility

- **Wider Market Access:** Tokenizing carbon credits allows them to be traded on digital exchanges, broadening ADNOC's reach to investors beyond traditional energy and commodity markets.
- **Fractional Ownership:** By tokenizing, ADNOC can offer fractional credits, making the asset more accessible to smaller investors and thereby increasing market liquidity.



3. Operational Efficiency and Cost Savings

- **Streamlined Transactions:** Tokenized credits reduce the need for intermediaries, lowering transaction costs and making the carbon credit market more efficient.
- **Real-time Settlement:** Blockchain enables faster settlement times, enhancing ADNOC's ability to respond quickly to market demands and regulatory requirements.



4. Strengthened Compliance and Alignment with ESG Goals

- **Alignment with Global Standards:** Tokenized carbon credits can adhere to international standards for sustainability and reporting, supporting ADNOC's ESG objectives and the UAE's climate commitments.
- **Simplified Reporting:** Tokenized systems enable easy tracking of carbon credits, which supports regulatory reporting and transparency, allowing ADNOC to demonstrate clear progress toward emissions reduction goals.



5. Potential Revenue Diversification

- **New Revenue Streams:** With the sale of tokenized credits, ADNOC can potentially generate additional revenue, offsetting investments in carbon reduction initiatives.
- **Attractive to Green Investors:** As more investors seek sustainable and climate-conscious assets, ADNOC can attract this capital by offering tokenized credits as part of its portfolio.



6. Innovative Brand Positioning

- **Market Leadership in Sustainability:** By adopting blockchain technology for carbon credits, ADNOC can position itself as an innovative leader in sustainable energy, enhancing its brand reputation.
- **Competitive Advantage:** ADNOC can set a benchmark for transparency and accountability, giving it a competitive edge as global markets shift toward sustainable investment.



- **Tokenization of carbon credits can thus play a pivotal role in ADNOC's sustainability strategy, facilitating carbon reduction efforts while enabling digital innovation and enhancing market value.**

Selection of our **customers**



Certification and memberships

bankerverband

bitkom

KAPITALMARKET
PARTNER

BÖRSE
DÜSSELDORF
PRIMÄRMARKT

MEMBER OF

Deutsche Börse
Venture Network

ITSA INTERNATIONAL TOKEN
STANDARDIZATION
ASSOCIATION



INATBA

International Association for
Trusted Blockchain Applications

 **BLOCKCHAIN
BUNDESVERBAND**



Thank You

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