

VeloxChain

Connecting Urban Mobility on Blockchain



www.veloxchain.io



VISION AND MISSION

VeloxChain is a blockchain infrastructure project for urban mobility initiated by Smart Urban Technologies Pte. Ltd.

Our company aims to decentralise and democratise the sharing mobility market by promoting the notion of decentralised collaboration.

We believe that blockchain opens a new extent of collaboration and cooperation between merchants. Subsequently, network effects can be harnessed by all participants in the ecosystem.

As a result, we accelerate the world's transition to an open, seamless and integrated urban mobility.

Problem

The shared mobility market today is fragmented
There are too many options – with little to no integration

Mainstream adoption is not yet reached.



Shared Mobility Today

TECHNOLOGY

Centralisation

- Single point of failure due to the reliance on a centralised database
- Prone to data misuse and privacy violation
- Interoperability between external systems is challenging
- Costly and inefficient

BUSINESS

Isolated services

- Small players struggle for market share
- Monopolistic players left a huge gap in capital and technology
- Rivalry over cooperation
- Little incentive to share data publically
- Network effect cannot react its full potential

CONSUMERS

Lack of seamless user experience

- Fragmented user experience
- Inconvenient and sometimes costly to access and use
- Lack of incentive to stimulate demand, with rewards bound to single or a few services.
- Lack of trust and willingness for service trial and data sharing

Consequences



Didi Chung accounts for 80% of Chinese ride sharing market



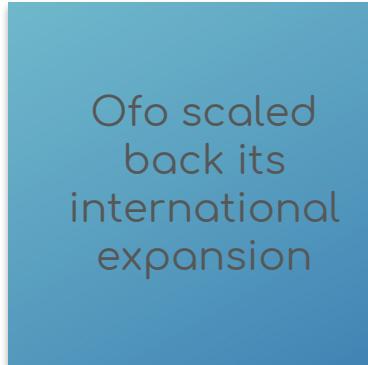
oBike ceased operation in Singapore, leaving customers wary of their deposit refund



Uber's Data breach exposed the data of 57 million drivers and users



Ofo scaled back its international expansion



Shared Mobility Tomorrow

TECHNICAL

Decentralisation

- No one controls, resulting in no single point of failure
- Increase transparency without compromising security and privacy for data sharing.
- Enable interoperability between different operators
- Open access, efficient, quicker and cheaper to use

BUSINESS

Interconnected services

- Encourage co-creation and cooperation of services by fostering trust and reciprocity
- Reduce capital expense and operations cost
- Incentivise shared information, resources and knowledge
- Global network effect is created and shared amongst business, enabling their exponential growth

CONSUMERS

Seamless access and usage

- Seamless access to multi-modal transport modes under one account on an as needed basis, without being bound to any single merchant
- Access to multiple incentive schemes
- Improve trust in the services and system, encourage trial and sharing data

Why Blockchain?

Seamless Integration

Streamline the integration process of multiple databases and systems.



Anonymous

The identity of participants is either pseudonymous or anonymous



Secure

All records are encrypted and managed by smart contracts



Immutable

Any validated records are irreversible and cannot be changed



BLOCKCHAIN

Unanimous

All network participants agree on the validity of any update to the records



Solution

A blockchain-based smart mobility solution

Provides a free and open access to a scalable blockchain protocol and decentralised mobility marketplace that enables people and businesses worldwide to co-create or access shared-use mobility services.

Our end-to-end solution allows for all stages of business to be conducted on our platform, enabling everyone to benefit from its global network effect.

Participants in the Ecosystem

PRIMARY



Mobility Operators

Startup in any city, build partnerships to launch and scale up services more easily, quickly and cost-effectively



Developers

Deploy Dapps for share use vehicles has never been easier with our feature-rich dev kit



Mobility Users

Freedom of choice to best meet their mobility needs with a seamless experience across and being rewarded in several ways

SECONDARY



Retail Service Providers
(hotels, co-working, space, university)

Enrich travel experience to increase customer satisfaction and generate extra income



Vehicle Suppliers
(individuals, manufacturers, investors)

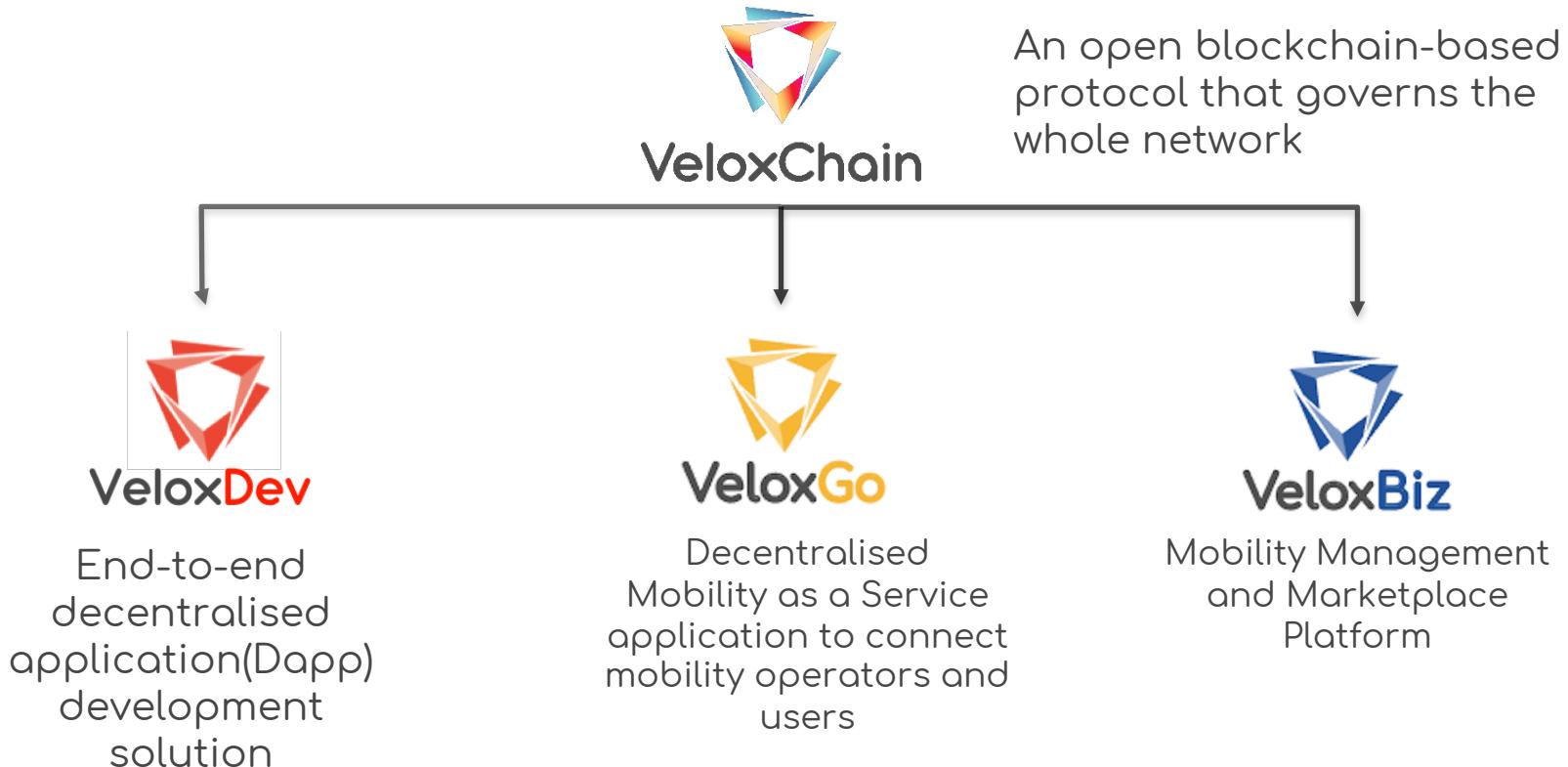
Gain more valuable partnership, maximise utilisation of their assets while earning extra revenue (income for private owners)



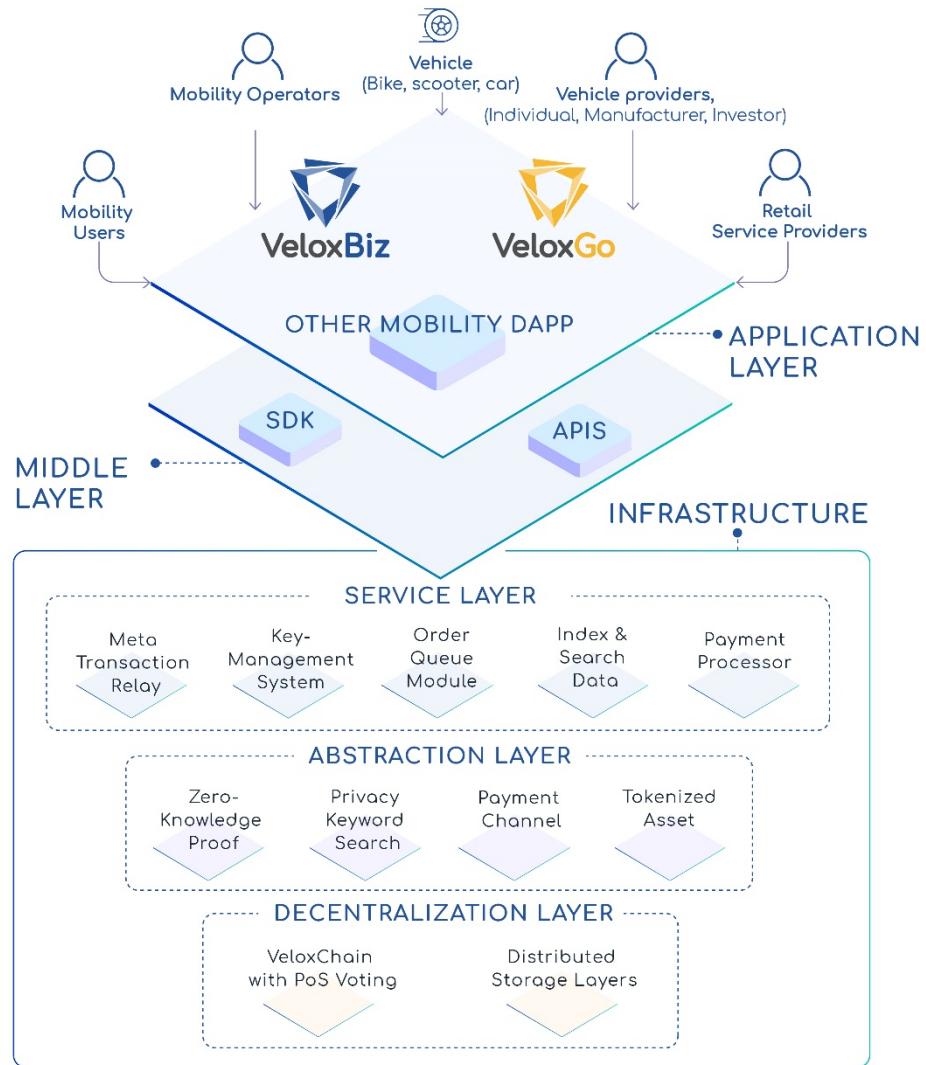
Third-party Services
(Insurance, Arbitrators, Repair shop)

Increase business revenue and gain access to rich data for operation optimisation

Our Products



Our Tech Stack



Features



Proof-of-Stake-voting

- 1000 tx/s with a 2-second-block time
- Support EVM-smart contracts (solidity, viper)



- Faster, cheaper on-chain transaction
- Faster adoption with Ethereum being the biggest developer community



On-chain privacy-preserving Collaboration

- Anonymous collaboration by Zero-Knowledge Proof
- Privacy keyword search
- Key-management system



- Allow merchants to collaborate and share data with each other easily, securely and anonymously



Built-in SDK, APIs and service modules

- Revenue-sharing modules
- Order queue modules
- Meta transaction relay modules
- Tokenize vehicle assets



- Launch/ integrate sharing-mobility Apps easily with VeloxChain ecosystem

An open marketplace platform with bundle solutions for mobility operators, vehicle providers, retailer service providers and other third-party entities to discover and establish partnerships as well as collaborate and co-create services.

-  Vehicle and user registration
-  Fleet Management
-  Merchant Marketplace
-  Payment Processing and revenue distribution
-  Fraud detection
-  Credit scoring





VeloxGo 1.0: Micromobility Mobility Marketplace

A DApp for users to configure and book from a list of mobility services built on VeloxChain and below are some key functionalities:



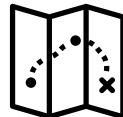
User Registration



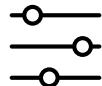
Mobility Services Directory



Integrated payment with Fiat and Crypto Wallet



Interactive Mapping



Ratings and Reviews

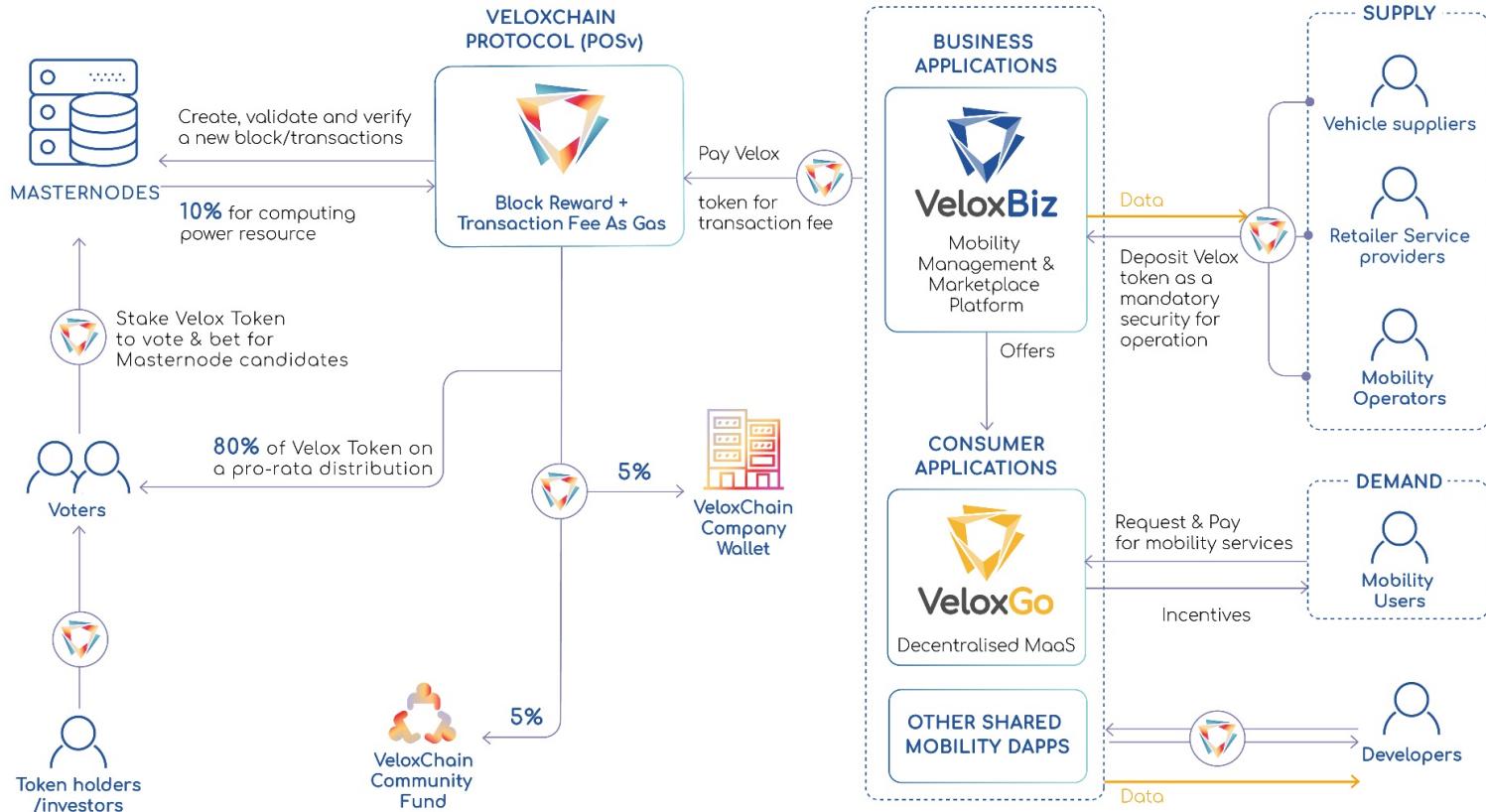


Services available: bike-sharing and micro-mobility like scooters

VeloxGo 2.0: Decentralised Mobility as a Service (DMaaS)

- Extend services to car, public transits and other transport modes

Tokenomics



Lucrative Market

Shared-Mobility Services



Over \$500Bln by 2025 with a CAGR of 28% for U.S, Europe and China (ArkInvest)

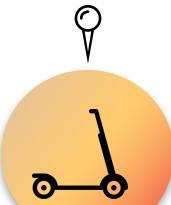
\$6.1 billion dollars by 2020 with a CAGR of 20% (Roland Berger)

Global revenue opportunity in excess of \$12 billion (Yahoo)

€2 trillion 2025 (Frost)



Bike-Sharing



E-Scooter Sharing



Ride-hailing



Global Mobility Services

Roadmap



Leadership Team



FABRIZIO MARTINI
Cofounder, President & Chairman

- Director of R&D of server U.S government funds managing over \$10 M.
- Six world records, author of 17 patents, including 3 from Volata Cycles



MATTIA DE SANTIS
Cofounder & CTO

- Master in bicycles technologies, developed over 20 bicycles models from scratch.
- Built Volata Model 1 and Model 1c



ERIC BUI
Cofounder & Chief Blockchain Architect

- One of founders of Vietnam Blockchain Developer Community.
- Blockchain lead of Electrify.Asia, raised USD 30 m in ICO



WILLIAM CLAXTON
Operations Director

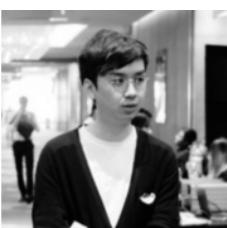
- Over 20 year experience in the IT scene in Singapore
- An early Bitcoin investor, crypto investors and served as Operations Director of fintech startup KYC chain.



PROF NG WEE KEONG
Blockchain Advisor
Blockchain researcher - NTU



LUIS MORAIS
Supply Chain Advisor



SHERWIN LEE
Legal Advisor



DR HECTOR GONZALEZ JIMENEZ
Marketing Advisor

Fund Raising and Distribution

Token Symbol: Velox
Total Supply: 800,000,000
Token Sale: 400,000,000
Token Sale Date: To be announced

Token Price: 1 VELOX = 0.0375 USD
Hard Cap: USD 15 Million
Soft Cap: USD 5 Million
Team Lockup Period: 2 years

