

VeloxChain

Connecting Urban Mobility on Blockchain



www.veloxchain.io

Vision And Mission



To decentralise the sharing mobility market and accelerate the world's transition to an open, seamless and integrated urban mobility.

Problem

Global Mobility Services Today
\$160 million
(ArkInvest 2017)



The shared mobility market today is attractive but facing many challenges.
There are too many options – with little to no integration.
Mainstream adoption has not yet been reached.

Shared Mobility Today

TECHNOLOGY

Centralisation

- Single point of failure
- Prone to data misuse and privacy violation
- Interoperability is limited
- Costly and inefficient

BUSINESS

Isolated services

- Small players struggle
- High barriers to entry with rivalry rather than cooperation
- Data sharing is limited
- Network effect cannot reach its full potential

CONSUMERS

Lack of seamless user experience

- Fragmented user experience
- Inconvenient and sometimes costly to access and use
- Lack of incentives
- Lack of trust

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

TECHNOLOGY

Decentralisation

- No single point of failure
- Secure, transparent data without compromising privacy
- Interoperability is easy
- Open access, which is efficient, quicker and cheaper to use

BUSINESS

Interconnected services

- Business collaboration and cooperation is common
- Reduced capital expense and operations cost
- Sharing of information and resources are common
- Global network effect is shared equally

CONSUMERS

Seamless access and usage

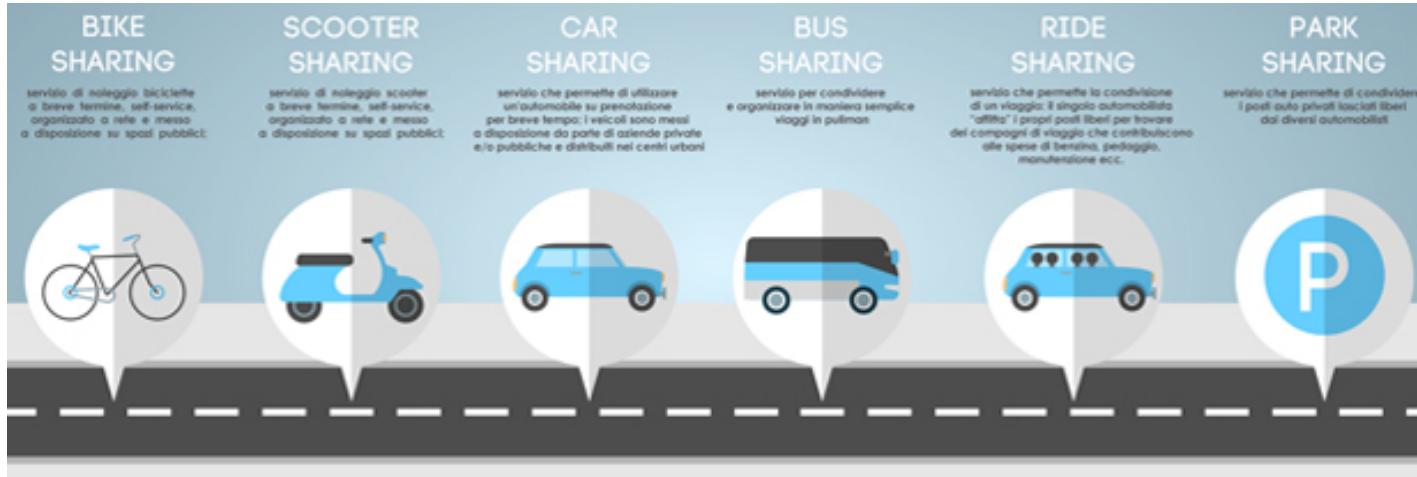
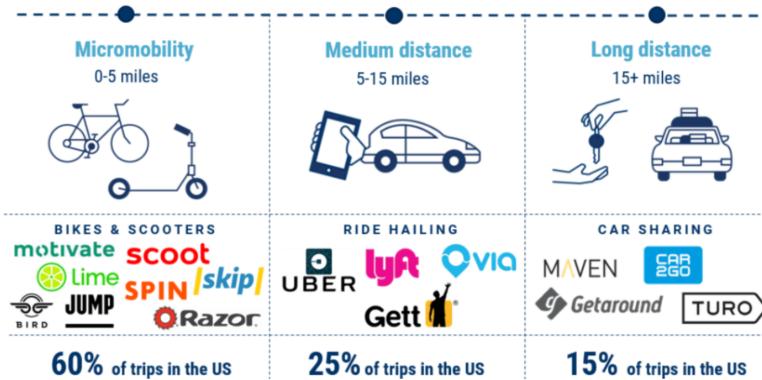
- Seamless access to multi-modal transport modes under one account
- Receive more incentives
- Enhanced trust and adoption

Sustainable Transport



DISRUPTING THE CAR

Alternatives to car ownership by trip length



Lucrative Market

Shared-Mobility Services



Over \$500 billion dollars 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)

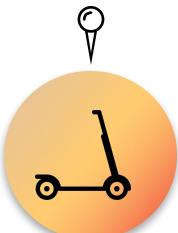
\$2.5 trillion 2025 (Frost)



Global Mobility Services



Bike-Sharing



E-Scooter Sharing



Ride-hailing

All figures USD

Why Blockchain?

Seamless Integration

Streamlines the integration 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



The VeloxChain Solution



An open-source, scalable blockchain infrastructure designed to connect urban mobility, which enables people and businesses worldwide to co-create, access and benefit from a global network of shared mobility.

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)

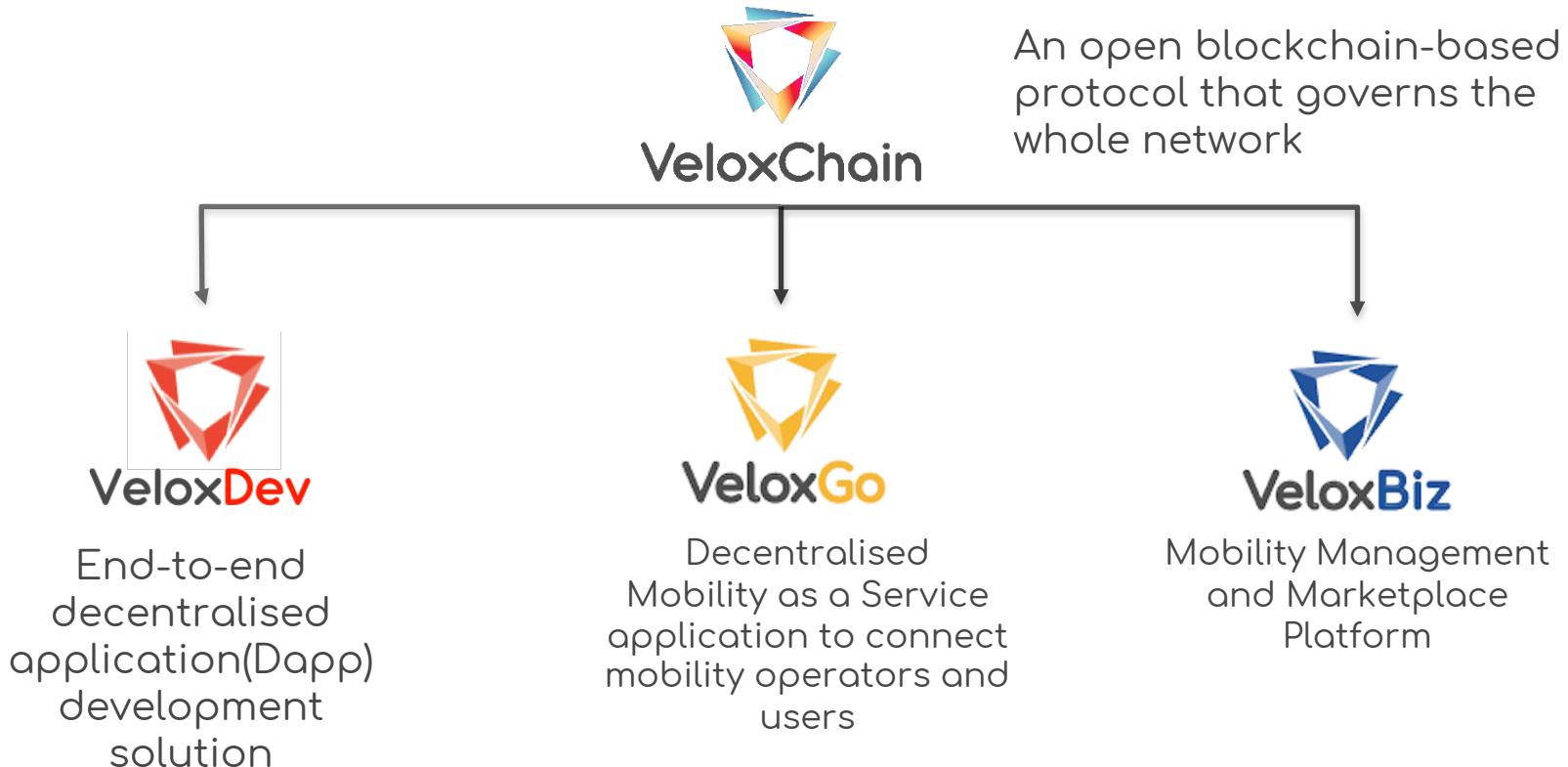
Gain more valuable partnership, maximise utilisation of their assets while earning extra revenue (income for private owners)



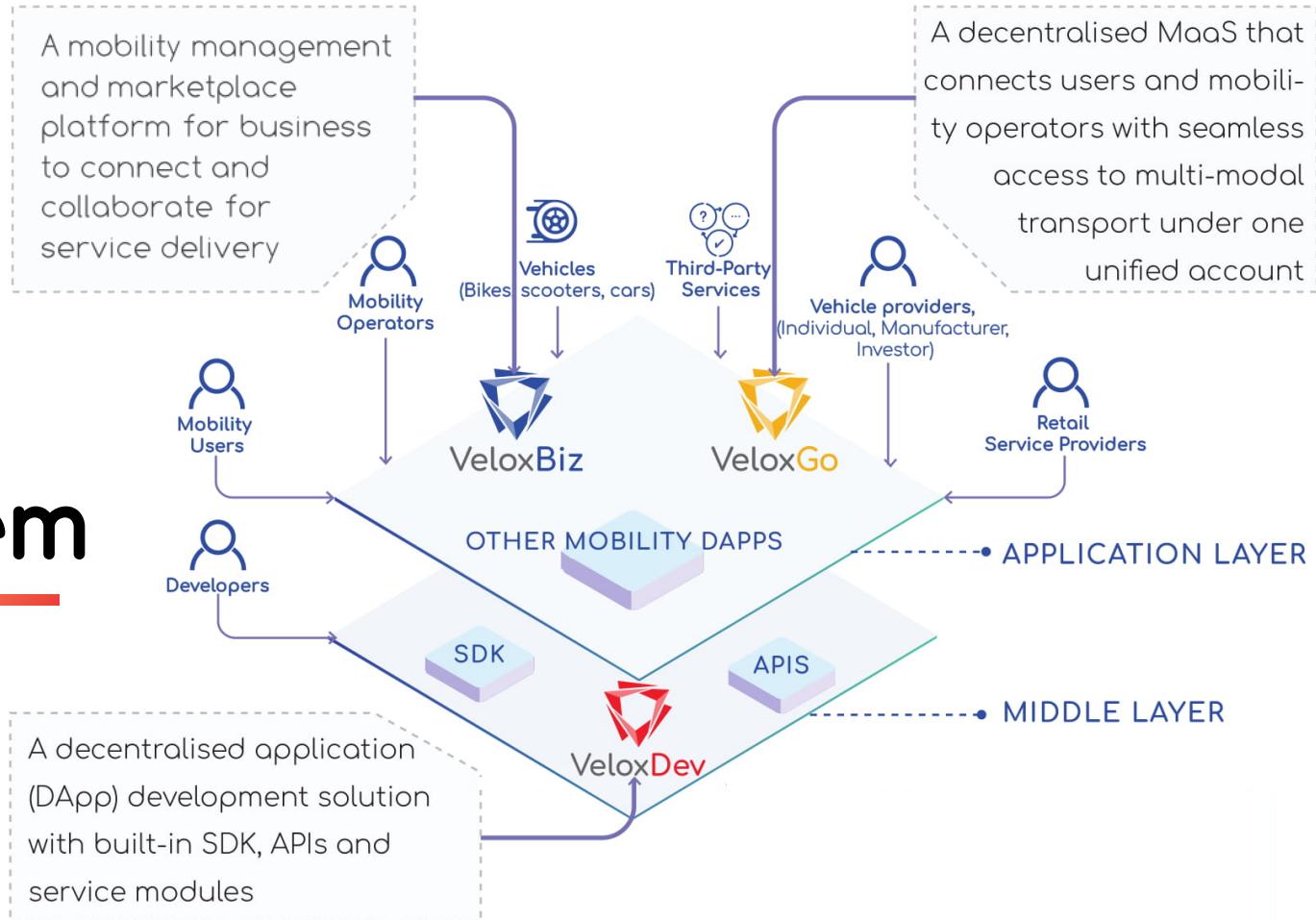
Third-party Services
(Insurance, Arbitrators, Repair shop)

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

Our Products

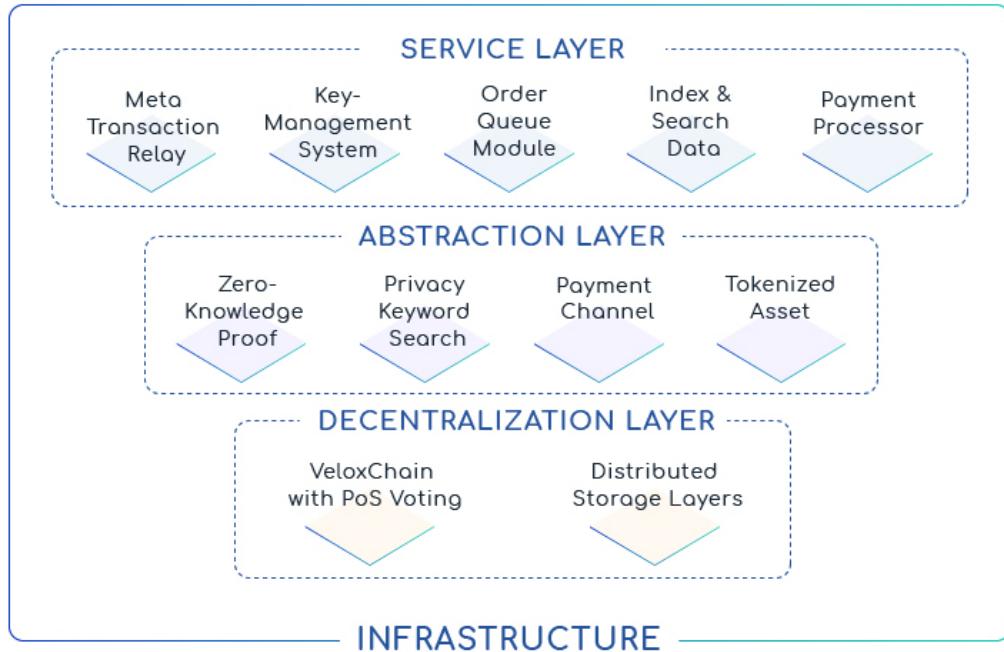


Our Ecosystem





Our Tech Stack



An open blockchain-based protocol that governs the whole network. Below are some key features:



Proof-of-Stake-voting

- 1000 tx/s with 2-second-block time
- Supports EVM-smart contracts (using Solidity and Viper)



On-chain privacy-preserving collaboration

- Anonymous collaboration by Zero-Knowledge Proof
- Privacy-preserving keyword search
- Crypto key-management system

An open marketplace platform with bundled 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.

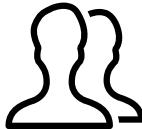
-  Vehicle and user registration
-  Fleet Management
-  Merchant Marketplace
-  Payment Processing and revenue distribution
-  Fraud detection
-  Credit scoring





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:



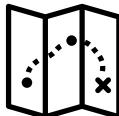
User Registration



Mobility Services Directory



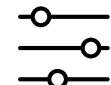
Integrated payment
with Fiat and Crypto
Wallet



Interactive Mapping



All sorts of Personal
Mobility Devices
(PMDs)

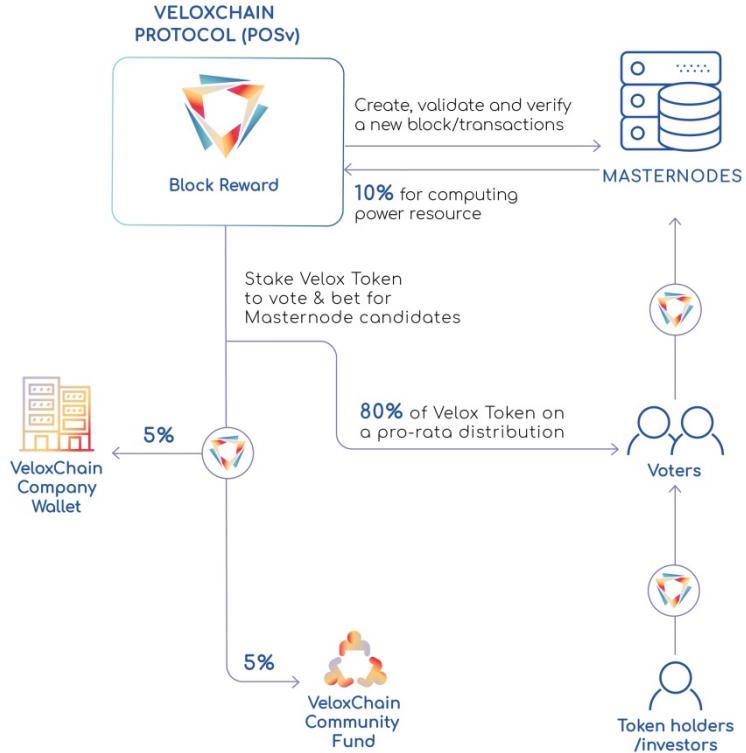


Ratings and Reviews

VeloxGo 2.0: Decentralised Mobility as a Service (DMaaS)

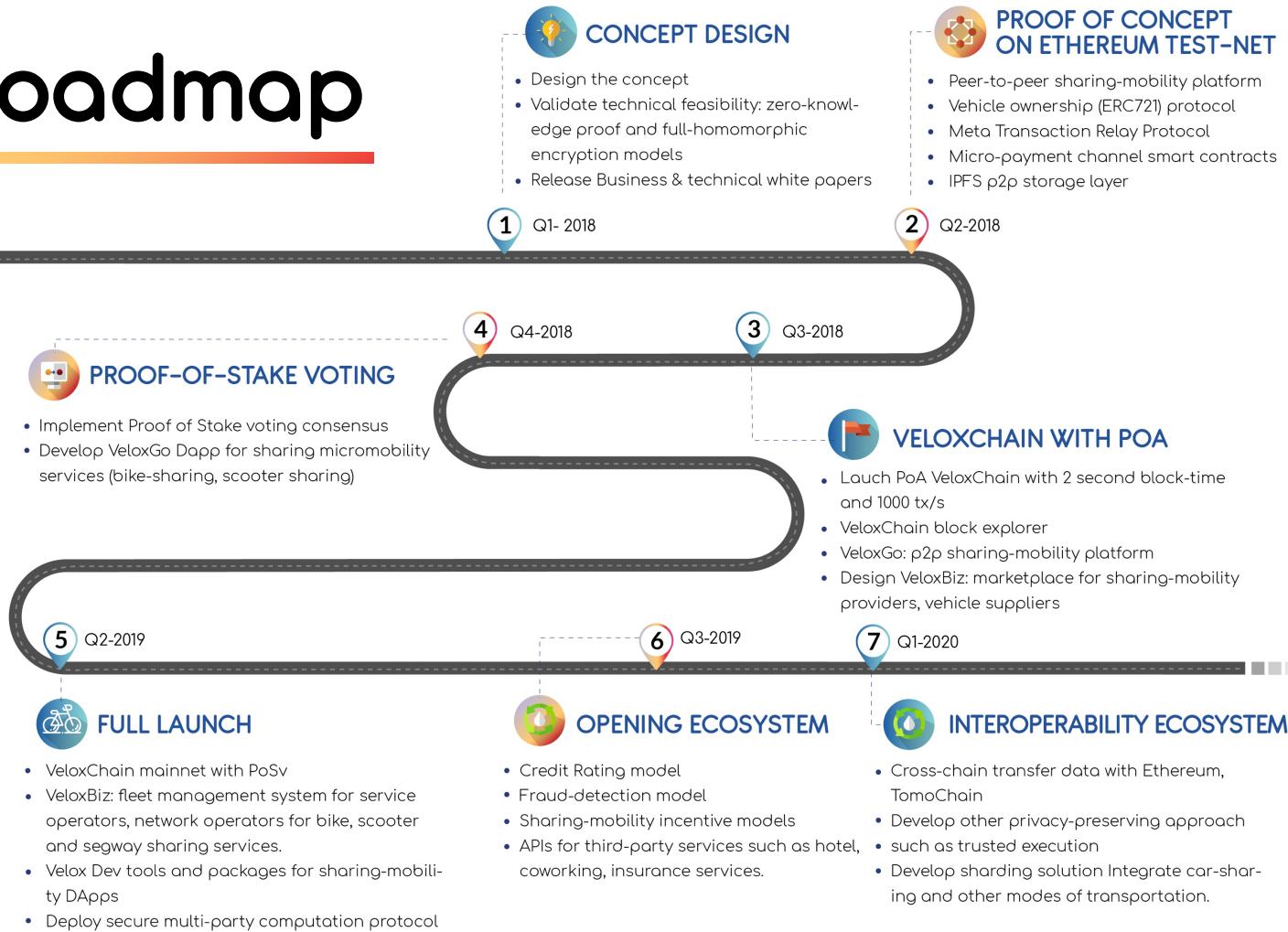
- Extend service to cars, public transit and other transport modes

Tokenomics



- Stake Velox token to govern VeloxChain as Masternodes and Voters
- Pay for gas of transaction
- Deposit Velox token as a loyalty escrow
- Cryptocurrency – Payment method
- Community rewards
- Shared-mobility service incentives

Roadmap



Leadership Team



FABRIZIO MARTINI

Cofounder, President & Chairman
• Director of R&D of several U.S. govt funds, managing over \$10 M.
• Six world records, author of 17 patents, including 3 from Volata Cycles



ERIC BUI

Cofounder & CTO

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



MATTIA DE SANTIS

Head Of Engineering

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



WILLIAM CLAXTON

Operations Director

- Over 20 year experience in the IT scene in Singapore
- An early Bitcoin investor 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

JOIN US IN A
REVOLUTION
TO SHAPE THE
FUTURE OF
MOBILITY



Fabrizio Martini
Co-founder

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