

Carziqo

Autonomous Economy 2025 Whitepaper



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Conclusion: The Future of the Global Autonomous Economy

Mobility industry transformation



Empowering Everyone to Join the Driverless Future

01

Introduction: The Arrival of the Autonomous Economy





Introduction: The Arrival of the Autonomous Economy

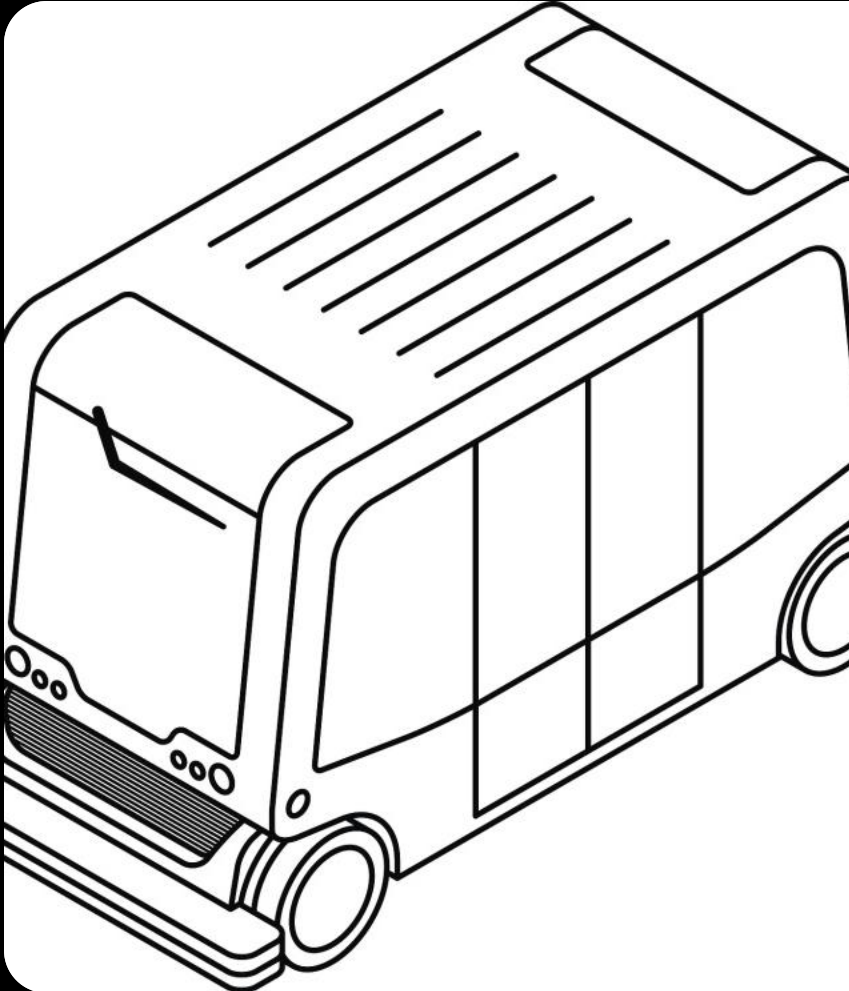
Transform mobility industry

The global mobility industry is undergoing its most profound transformation in over a century. Enabled by breakthroughs in AI perception, sensor fusion, edge-cloud computing, and electric vehicle infrastructure, autonomous driving has shifted from concept to reality—becoming a new foundation of the modern city

How transformation affects economy

This transformation will not only redefine transportation systems but also reshape how individuals participate in economic growth. For the first time in history, ordinary people can join the autonomous-driving economy

Introduction: The Arrival of the Autonomous Economy



What does Carziqo build

Carziqo is at the forefront of this movement—building a platform where everyone can access and benefit from the driverless future

02

Carziqo's Mission & Vision

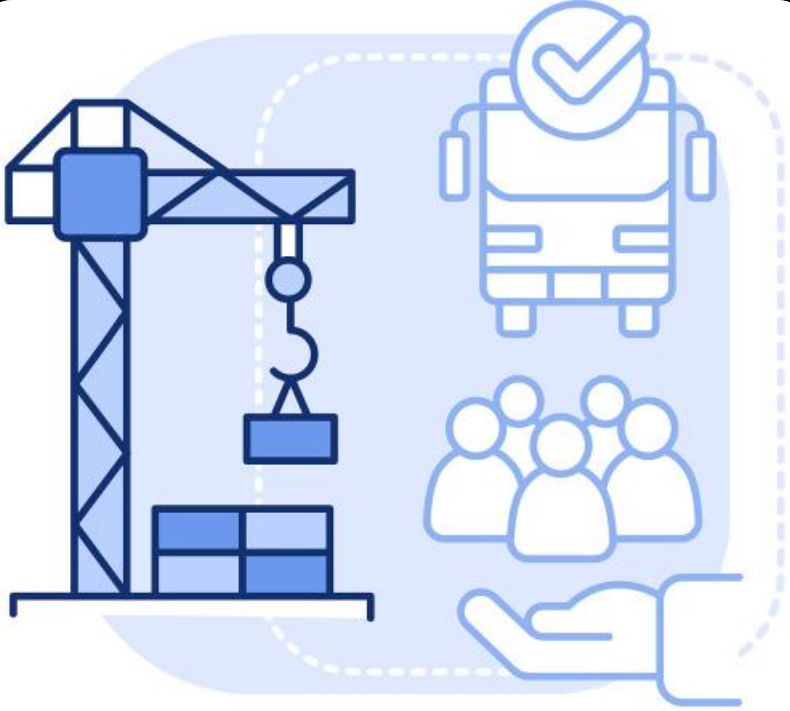


Mission



Empower mobility revolution participation

To empower individuals and cities to participate in the autonomous mobility revolution—creating safer, greener, and more inclusive economic opportunities



**Build Better
Infrastructure**

EDITABLE STROKE

Vision

Build mobility smart platform

To build the world's most comprehensive Autonomous Mobility + Smart Asset Economy platform, connecting users, vehicles, cities, and capital through a unified driverless ecosystem

Core Values



Safety First



Equal Access



Tech for Everyone



Green Mobility
Future



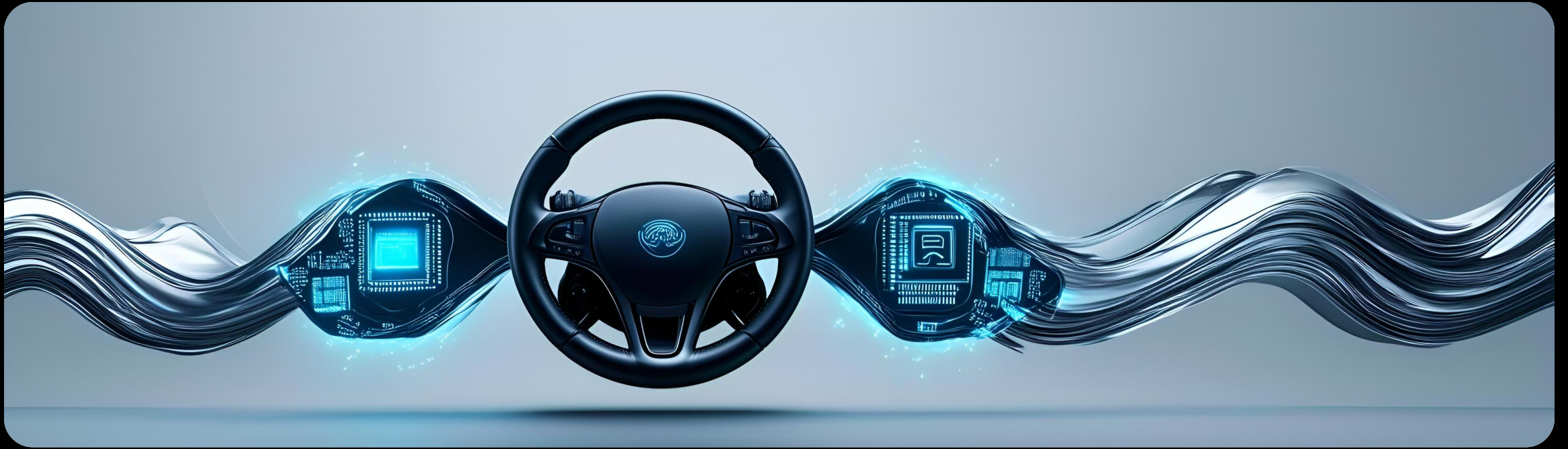
Global
Collaboration

03

Autonomous Economy: A New Economic Paradigm



Autonomous Economy: A New Economic Paradigm



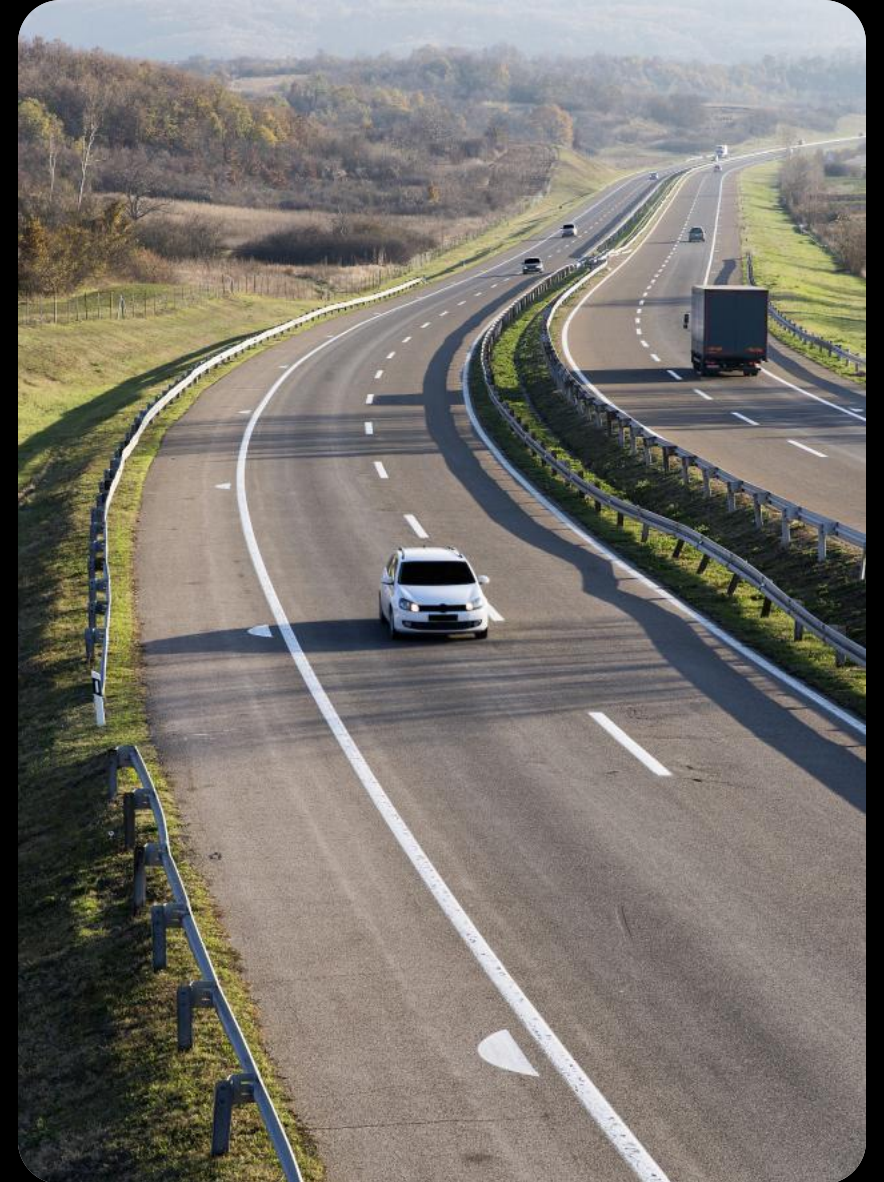
How mobility value changes

Traditional mobility depends on human drivers. The Autonomous Economy introduces a completely new value structure

1) Autonomous Operations

Vehicle efficiency improvement

Vehicles operate continuously—improving efficiency by 2–4×



2) Asset-Driven Yield

What is autonomous vehicle

Each autonomous vehicle becomes a revenue-generating smart asset



3) User Participation

What can individuals do with autonomous vehicles

Individuals can rent, operate, or invest in autonomous vehicles

4) City Integration



Driverless fleets as public mobility

Driverless fleets become an extension of public mobility infrastructure



What is Carziqo model

This is the foundation of the Carziqo Autonomous Economy—a model combining technology, mobility, and inclusive participation

04

Global Trends: Autonomous Driving & Smart Cities



Market Growth



Expected autonomous vehicles 2030

By 2030, over 120 million autonomous vehicles are expected worldwide



Autonomous ride-hailing market value

Autonomous ride-hailing could exceed USD 1.3 trillion in market value



How much emissions reduce

Cities deploying autonomous mobility may reduce carbon emissions by 25–35%

Policy Acceleration



U.S.: L4 trials expanding across multiple states



EU

Cross-border regulatory standardization accelerating



Asia

Singapore, South Korea, China, Indonesia launching national pilot zones

Key Drivers

01

AI advancement

02

EV adoption

03

Urban congestion

04

Zero-carbon city initiatives

05

Is autonomous mobility inevitable

Autonomous mobility is evolving into a global inevitability

05

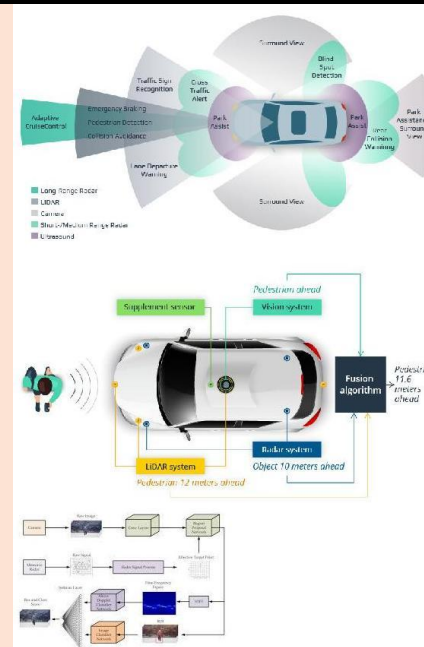
Carziqo Technology Architecture



Carziqo Technology Architecture

What builds Carziqo's ecosystem

Carziqo's driverless ecosystem is built on four core systems



1) Fusion Perception System

01 Multi-layer LiDAR

02 Millimeter-wave radar

03 Automotive-grade cameras

04 GNSS + IMU

05 Ensure model stability
Deep-learning perception models ensures stability across rain, fog, low light, and extreme conditions

2) Autonomous Decision Engine



High-performance compute platform



Behavior prediction



Adaptive planning



What enables smooth vehicle behavior

Safety-first control logic
Enables smooth and
predictable vehicle behavior

3) Cloud Control Center (Carziqo EdgeCloud™)

Fleet dispatch

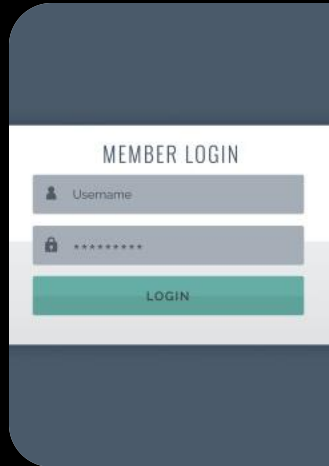
OTA software
updates

Smart energy
management

Incident early-
warning system



4) Safety Transparency Platform



Users can view



Real-time vehicle status

Battery/charging data



Trip logs



4) Safety Transparency Platform



Operational analytics

Safety events

Autonomous experience delivery

Delivering a transparent, trustworthy autonomous experience

06

Carziqo Business Model (Smart Asset Economy)



Carziqo Business Model (Smart Asset Economy)

How Carziqo reshapes mobility economy

Carziqo reshapes the economic structure of mobility

1) Autonomous Vehicle Rental



Rent autonomous vehicles

Users and businesses rent autonomous vehicles for operations

2) Autonomous Yield Generation



Vehicle workflow process

Vehicles accept tasks → complete trips → return for charging → distribute revenue automatically

3) Smart Asset Ownership

Can individuals own vehicles

Individuals can own or co-own vehicles, allowing participation in autonomous revenue streams

4) Enterprise Solutions



Logistics
deliveries



**Marketing
Stakeholders**

EDITABLE STROKE

Tourist
attractions &
parks



Airport
shuttles



**KEEPING UP
WITH MARKET
TRANSFORMATION**

Shopping
district &
campus
services



**Assess
Business Needs**

EDITABLE STROKE

Industrial
zones

5) City & Government Partnerships



Public-route supplements



Night-time economy routes



Zero-carbon demonstration districts



Smart road network collaboration



What is Carziqo's model

Carziqo's triple-layer model (B2C + B2B + B2G) creates a uniquely scalable ecosystem

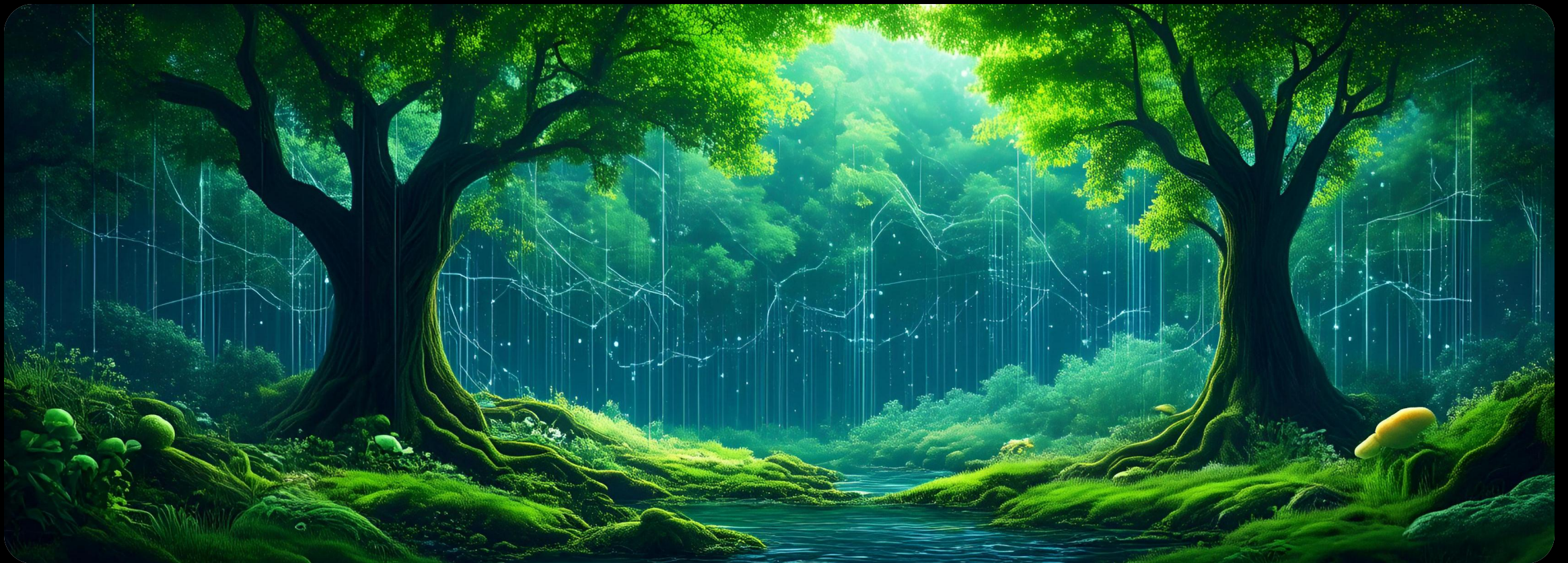
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User Ecosystem: A People-Powered Autonomous Economy



User Ecosystem: A People-Powered Autonomous Economy

Carziqo's impact ecosystem includes





1) Riders

Access safe, seamless, predictable mobility

2) Operators



Use autonomous vehicles for



Ride-hailing



Delivery



Tourism transport



Night-time services

3) Asset Participants (Investors)



01

How join autonomous economy

Individuals can join the autonomous economy by owning or delegating vehicles to Carziqo's managed network



02

How is autonomous mobility now

For the first time, autonomous mobility becomes inclusive and participatory

08

Safety System & Compliance Framework



Safety System & Compliance Framework

Safety is Carziqo's highest priority



Vehicle-Level Safety



Sensor redundancy



Dual compute modules



Battery and braking safety systems



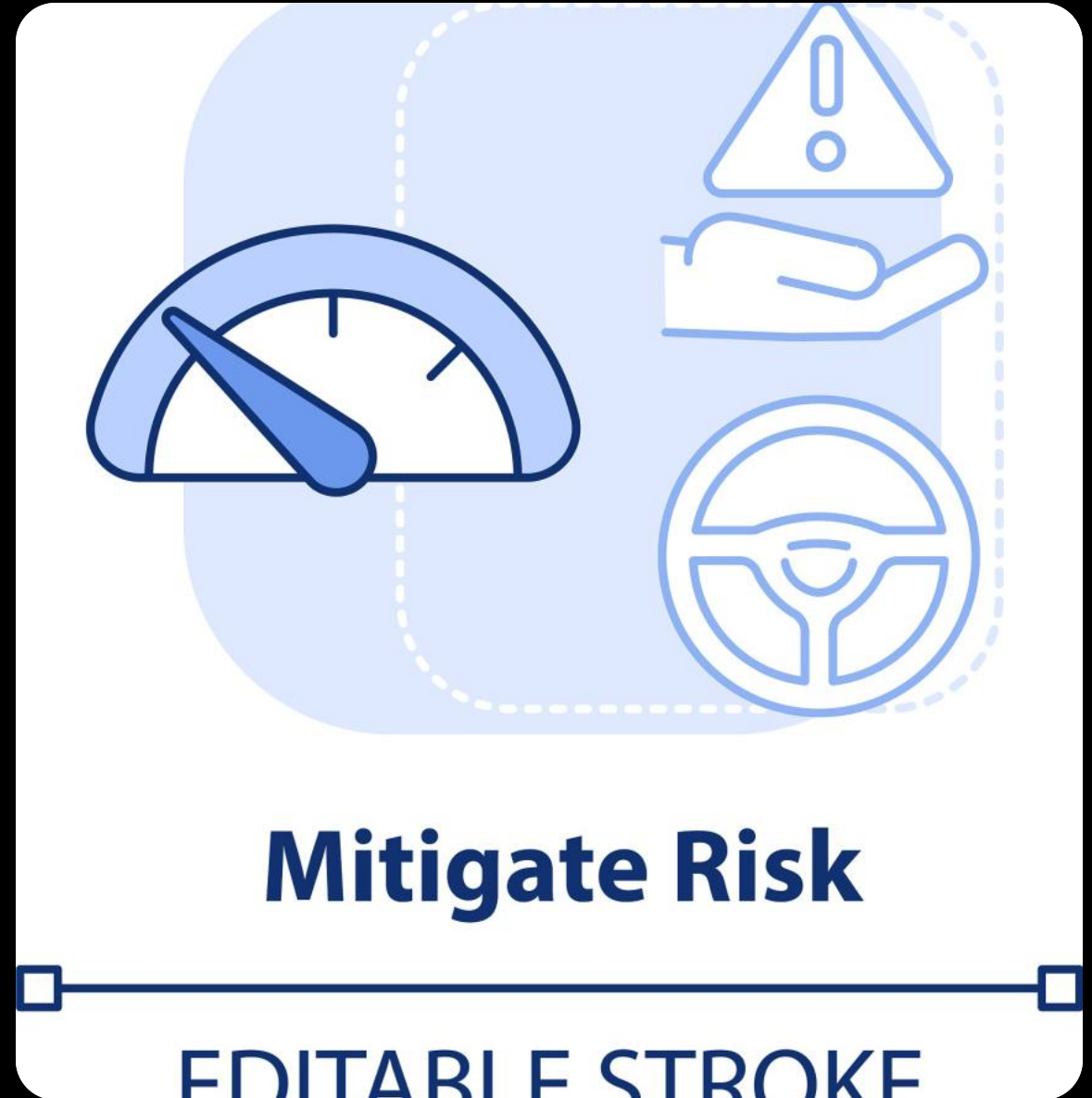
Vehicle health monitoring systems

Algorithm-Level Safety

Behavior prediction

Robust perception models

Error-tolerant decision logic





Cloud-Level Safety

Secure fleet management

Encrypted data channels

DDOS & cyberattack protections

Regulatory Compliance

Carziqo aligns with

EU Autonomous Driving Framework

U.S. NHTSA guidelines

Asia-Pacific regional regulations

Local road testing & L3/L4 deployment standards

What does Carziqo collaborate

Carziqo also collaborates with regulators to support cross-border standardization

09

Global Expansion Roadmap (2025–2030)



— Foundation Year

01

Strengthen UK hub

02

Expand in Southeast Asia

Expand in Southeast Asia (Indonesia, Malaysia, Philippines)

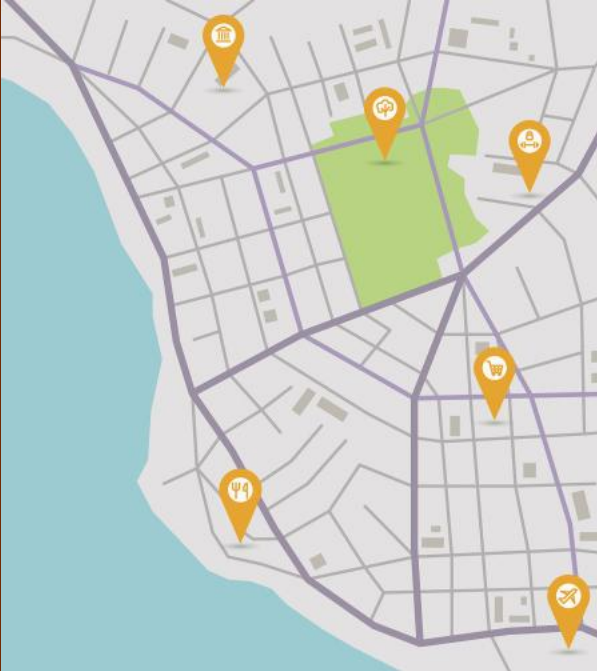
03

Publication of this Autonomous Economy Whitepaper

04

Build partnerships in 10+ cities

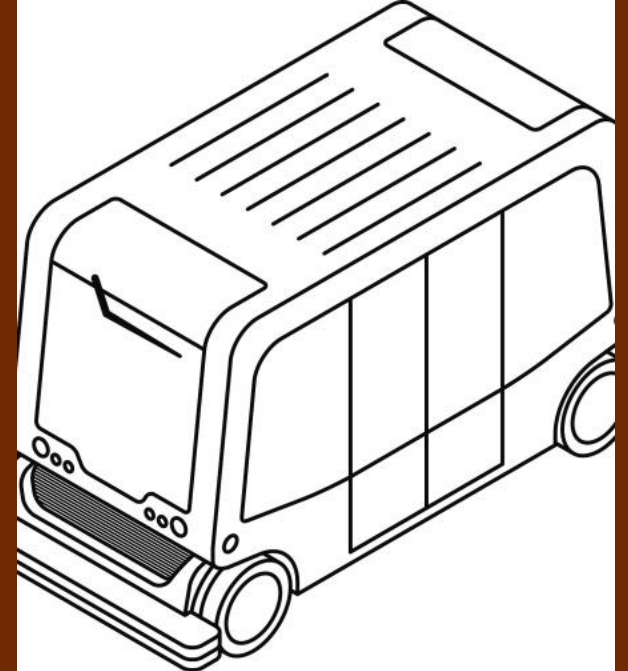
2026–2027 – Scale Deployment



Operate in 20–30 cities



Rapid rollout of airport & tourism services



Launch Zero-Carbon
Autonomous Mobility
Program

2028–2030 – Global Network Phase



Deployment in 100+ cities



Autonomous fleets in public mobility

Autonomous fleets become part of city public mobility



Global Smart Asset Network established



Who participates in autonomous economy

Millions of users participate in the autonomous economy

10

Sustainability: Zero-Carbon Mobility Vision



Sustainability: Zero-Carbon Mobility Vision



Carziqo vehicles
operate with

Pure electric
platforms

AI-powered energy
optimization

Lowest-energy-
route planning
algorithms

Goal

100% green-
energy, zero-
carbon mobility
by 2030

Sustainability: Zero-Carbon Mobility Vision

Carziqo aims to support cities in achieving



Reduced congestion



Lower noise pollution



Substantial carbon elimination



11

City Deployment Scenarios



1) Night-Time Economy Routes



Improve nighttime transport efficiency

Improves nighttime transport efficiency by up to 40%

2) Airport Autonomous Shuttle

Reduces shuttle logistics cost by up to 50%



3) Tourist Zone Autonomous Circuits



Improve visitor accessibility

Improves visitor flow and destination accessibility

4) Smart City Logistics



Enables 24/7 urban delivery automation

12

Conclusion: The Future of the
Global Autonomous Economy



Conclusion: The Future of the Global Autonomous Economy



What is Carziqo building

Carziqo is building more than a technology product—It is building a new economic entry point for ordinary people



How will mobility transform

Over the next decade, autonomous mobility will transform



City transportation



Energy infrastructure

Conclusion: The Future of the Global Autonomous Economy

- 01 Individual financial participation
- 02 Cross-border smart-city collaboration
- 03 What is Carziqo's mission
Carziqo's mission is not just to run autonomous fleets—but to make the autonomous economy accessible to everyone
- 04 Future of driverless mobility
The future of driverless mobility is not only autonomous—it is inclusive, participatory, and globally connected

Carziqo
Thank you for watching

