Technology Overview

A global-first technology stack combining IoT, AI, and sustainability analytics to power the transition to net-zero commuting worldwide.

Our Technology Stack

Four integrated technology pillars that deliver seamless user experience, operational efficiency, and measurable sustainability impact.

Employee App & QR System

Fleet Operations Management

Booking, GPS tracking, seamless QR boarding, CO_2 savings view

KEY FEATURES

- ✓ One-tap route booking
- ✓ Live GPS tracking
- ✓ QR code generation
- ✓ Push notifications
- ✓ Carbon footprint tracking

AI route optimization, predictive maintenance, driver analytics

KEY FEATURES

- ✓ AI-powered route optimization
- ✓ Predictive maintenance alerts
- ✓ Driver performance dashboard
- ✓ Real-time fleet monitoring
- ✓ Fuel efficiency tracking

ESG Dashboard & Analytics

Real-time CO_2 monitoring, ESG compliance reporting, audit-ready exports

KEY FEATURES

- ✓ Real-time CO_2 monitoring
- ✓ ESG compliance reporting
- ✓ Sustainability metrics
- ✓ Carbon offset calculations
- ✓ Executive dashboards

Smart Safety & Security System

Advanced safety monitoring, emergency protocols, and passenger security features

KEY FEATURES

- ✓ Real-time safety monitoring
- ✓ Emergency communication system
- ✓ Passenger security alerts
- ✓ Driver safety assistance
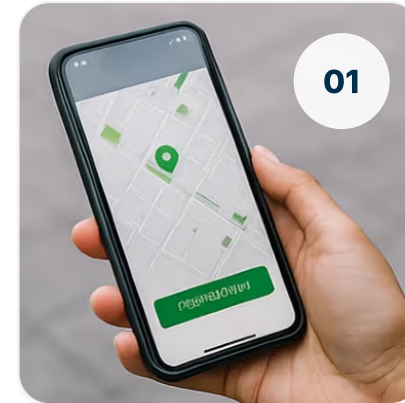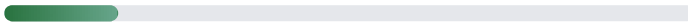- ✓ Incident reporting

How ZeroCommute Works

Six simple steps to transform your corporate transportation from carbon-heavy to net-zero, while improving employee experience and productivity.

01 Employee Registration

Employees register through the ZeroCommute app, providing route preferences and schedule requirements.

- ✓ QR code registration
- ✓ Route selection
- ✓ Schedule preferences

Step 1 of 6

02 Route Optimization

AI-powered system optimizes routes based on employee locations, traffic patterns, and demand.

- ✓ AI route planning
- ✓ Traffic analysis
- ✓ Demand optimization

03 Real-time Tracking

Live GPS tracking allows employees to monitor shuttle arrival times and plan their commute.

✓ GPS tracking

✓ Live updates

✓ Arrival notifications

Step 3 of 6

04 Seamless Boarding

QR code scanning ensures quick, contactless boarding while maintaining security and passenger manifest.

- ✓ QR code scanning
- ✓ Contactless boarding
- ✓ Passenger verification

Step 4 of 6

05 Productive Journey

High-speed Wi-Fi and comfortable seating transform commute time into productive work hours.

- ✓ 5G connectivity
- ✓ Ergonomic seating
- ✓ Work environment

Step 5 of 6

06 ESG Impact Reporting

Real-time dashboard tracks carbon savings, fuel reduction, and sustainability metrics for corporate reporting.

- ✓ Carbon tracking
- ✓ Sustainability metrics

Ready to Pilot ZeroCommute?

Join the UAE's first net-zero corporate shuttle network. Start with a pilot program and see immediate impact on your sustainability goals.

💬 Book Strategy Call | Download Case Study

Global Market Insights

Understanding the global corporate transportation landscape and market opportunity.

$2T+

Global Corporate Transport Spend

Global corporate transport spend

8% Annual Growth in sustainable corporate mobility

85%

Carbon Reduction Demand

Of corporates demand carbon reduction solutions

Growing

Revenue Model

Diversified revenue streams ensuring sustainable business growth and market scalability.

Corporate Subscriptions

Per bus/month or per seat/month

ESG & Data Services

CO_2 dashboards,

Carbon Credits

Monetization via international carbon

Ad Panels

Digital/physical ads on shuttles

Advertising revenue

Partnership Revenue

Sponsored routes, EV OEM collaborations

Flexible pricing model

audit-ready reporting

Analytics and compliance tools

trading platforms

Revenue through carbon markets

stream

Strategic partnerships

Ready to Transform Your Corporate Commute?

Join the world's first net-zero corporate shuttle network and lead the way in sustainable transportation.

👉 [Schedule Tech Demo]

👉 [Download Technical Specs]

Transforming corporate transportation in the UAE with sustainable, technology-enabled electric shuttle services for a net-zero future.

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Transforming corporate transportation with sustainable mobility solutions