

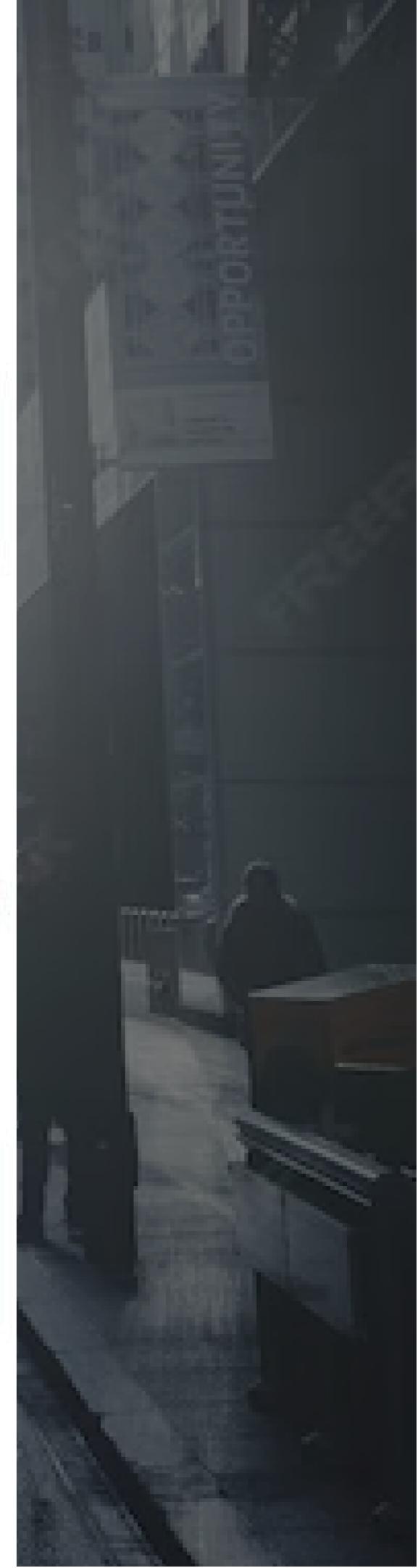
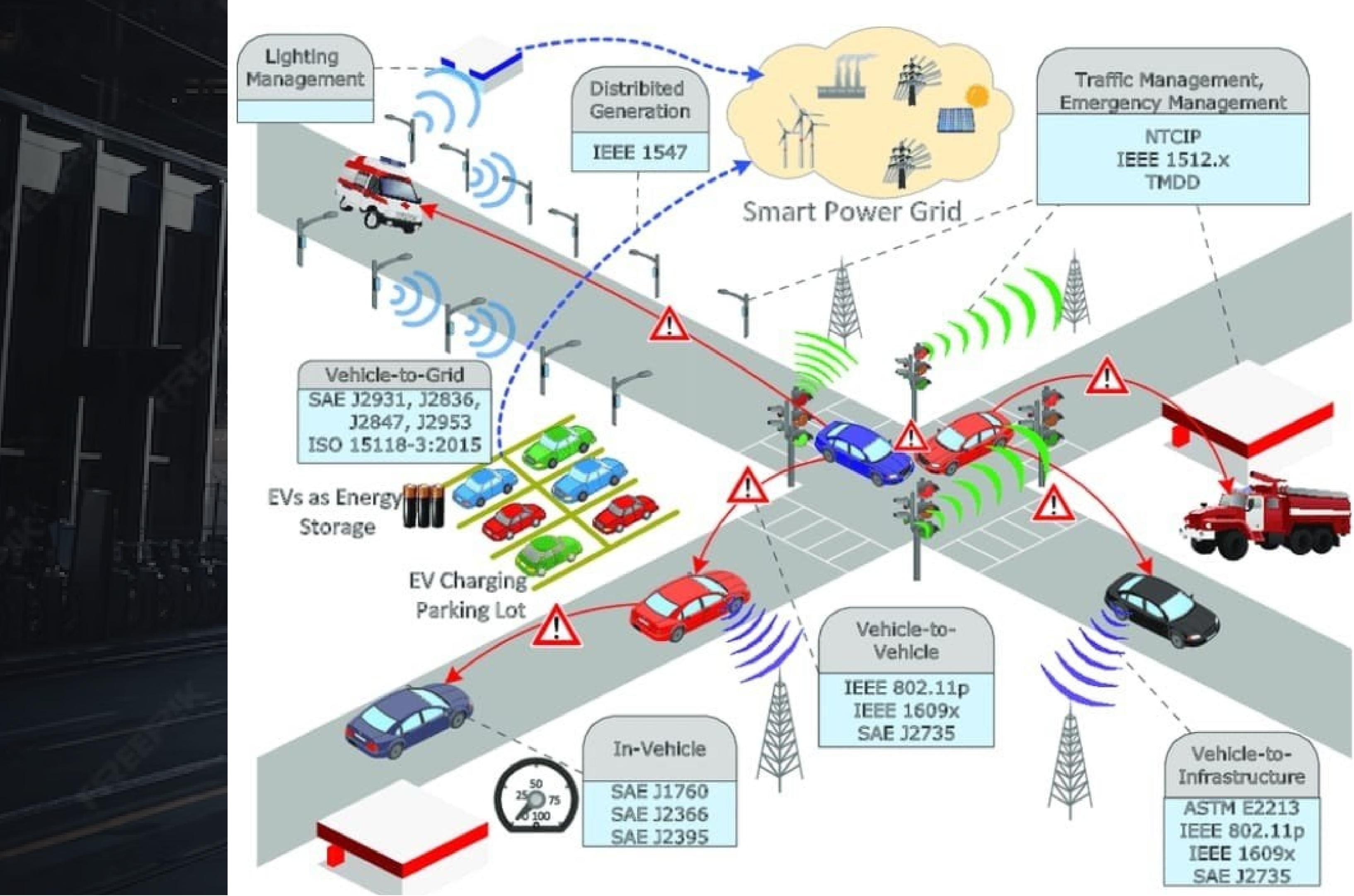
# PUBLIC TRANSPORTATION ANALYSIS

**Data Analytics:** Utilize advanced data analytics to collect and analyze data from various sources, such as GPS, passenger counts, and traffic patterns, to optimize routes, schedules, and capacity.

**Predictive Maintenance:** Implement predictive maintenance using IoT sensors and data analysis to reduce downtime and enhance the reliability of vehicles and infrastructure.

**Demand-Responsive Transport:** Develop on-demand and flexible transportation services that adapt to passenger needs, enhancing accessibility and reducing inefficiencies.





# Predictive Analytics in the Transportation Industry

## Business Benefits



1

Ensure the holistic transformation of urban mobility

2

Analyze the movement of people

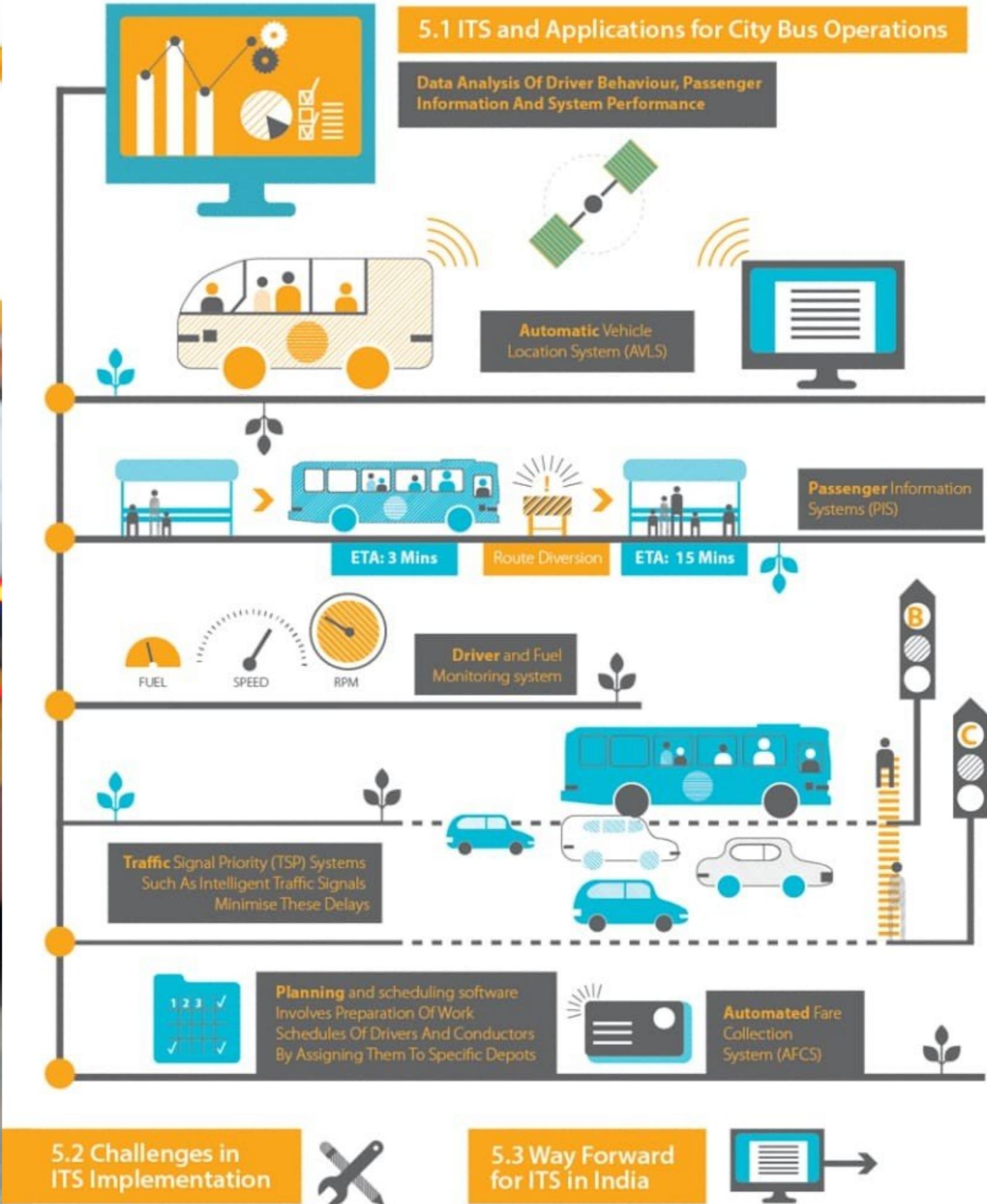
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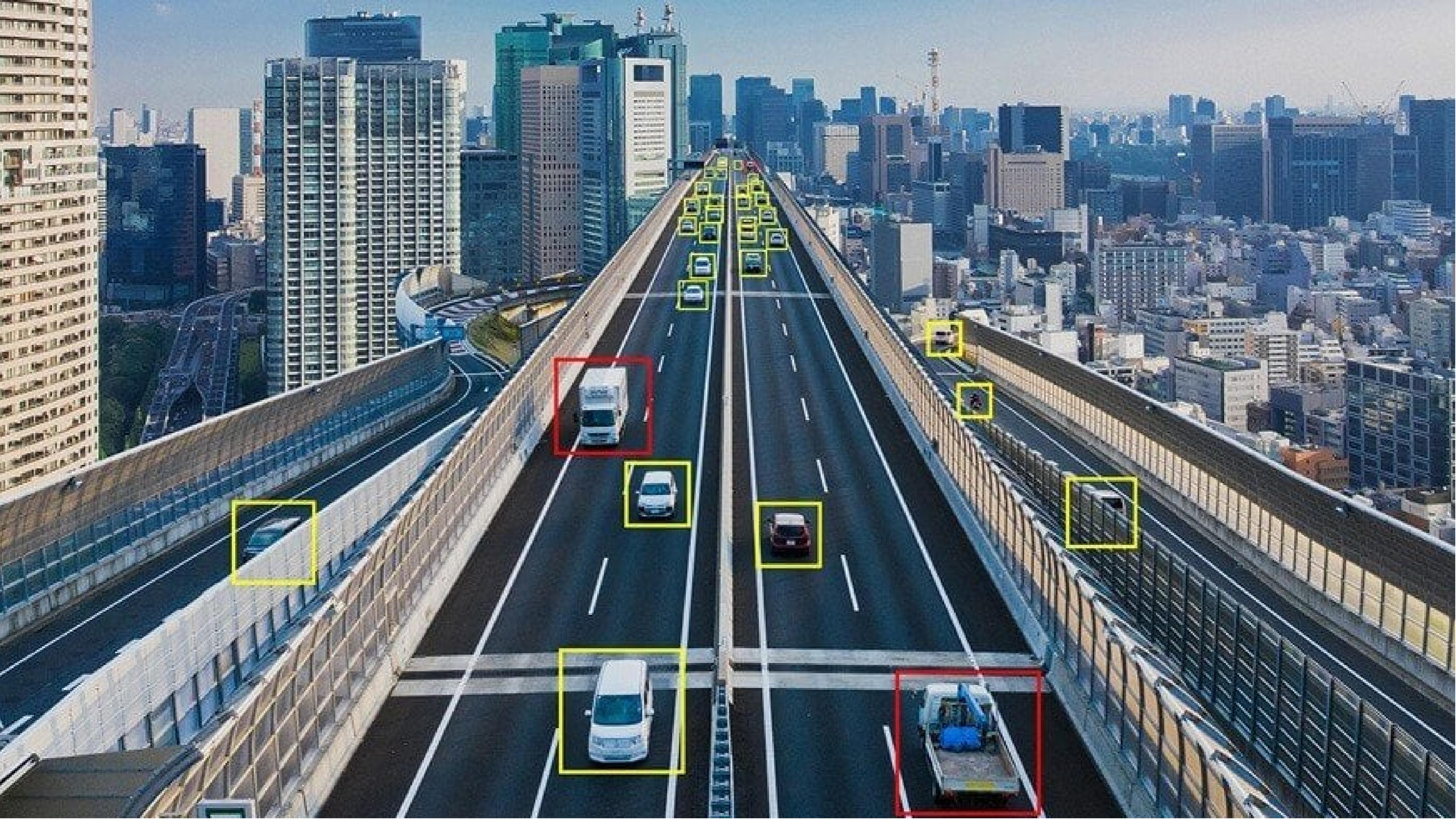
Predict the impact of unplanned events

SPEAK TO AN EXPERT



**Real-time Passenger Information:** Provide real-time information to passengers through mobile apps and digital displays, helping them make informed decisions about their journeys. **Accessibility and Inclusivity:** Focus on designing public transport that is accessible to people with disabilities and ensures inclusivity for all members of the community. **Safety and Security:** Implement advanced security measures, surveillance systems, and emergency response protocols to enhance passenger safety.







**Smart Ticketing and Payment Systems:** Integrate contactless payment options, mobile apps, and smart cards to streamline the payment process and improve the passenger experience.

**Electric and Sustainable Transport:** Invest in electric and sustainable transportation options, such as electric buses and bike-sharing programs, to reduce the environmental impact of public transport.

**Integration and Intermodality:** Create seamless connections between different modes of transportation, like buses, trains, and subways, to improve the overall transit network.



THANK YOU!!!