The Road Towards One Intelligent Network

As leading economies around the world push to achieve their smart city ambitions, their public transport systems and road networks are becoming the targets of massive investment and restructuring initiatives designed to achieve true "smart mobility". The US intelligent transportation systems industry generates more than $48 billion in revenue for the US economy.

This infographic details the process surrounding smart mobility to promote smart city ambitions for a truly innovative, versatile, resilient and convenient transport infrastructure. In 2016, the U.S. Department of Transportation invested $165 million in smart-city solutions.

Autonomous Vehicles

An information-sharing vehicular infrastructure grant worth up to $42 million was awarded to New York City, Wyoming, and Tampa, FL.

Sensor Based Infrastructure

The emergence of advanced sensors allow for transportation to maintain optimum breaking distance, speed and passage, while monitoring external conditions in real-time.

Pricing & Payment Systems

City budgets on smart technology are expected to grow to 7.5% by 2025.

Telematics

Integrated and intelligent transport networks sense demand, measure performance, and monitor the health of physical assets. Systems respond in real-time to manage capacity and predict and avoid disruption. It offers consumers real choice based on a picture of alternative routes, comparative pricing and current network status.

Intelligent Transportation System

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Consultancies

The goal is to create environments where travelers can enjoy integrated and seamless journeys. To achieve this, consultancies work with governments and seek to influence policy and strategy on the smart application of intelligent transport systems.

Apps & Developers

This data is then used by developers to build the applications that make it possible for ordinary users to travel easily, fully aware of their options.

Transport Big Data & Analytics

Data facilitates the linking of modes of transport, opening up new possibilities for passengers. Open data from multiple courses can be used to provide well linked-up transport solutions.

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Email: enquiry@iqpc.com