



Abu Dhabi Smart Mobility Initiative

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The infographic is set against a dark teal background with a glowing city map of Abu Dhabi. At the top center is the logo for 'Abu Dhabi Mobility' in Arabic and English. On the left, there are three circular icons for 'Land Transport' (bus), 'Aviation' (airplane), and 'Maritime' (ship), with a map below showing the 'Main Road Network' and various locations. On the right, a vertical list of six circular icons represents key goals: ITS, 5 Airports, 10 Seaports, 40k km of managed road system, Multimodal public transport, and Ongoing railway development. At the bottom center, five circular icons represent 'Key Objectives': Quality of Life, Sustainability, Innovation Technology, Commercialization, and Economic Development.

Abu Dhabi Mobility
أبو ظبي للتنقل

VISION
Seamless mobility for the people and businesses of Abu Dhabi

Key Objectives

- QUALITY OF LIFE
- SUSTAINABILITY
- INNOVATION TECHNOLOGY
- COMMERCIALIZATION
- ECONOMIC DEVELOPMENT

ITS Intelligent Transportation Systems & Digital Services

- 5 Airports
- 10 Seaports
- 40k km of managed road system
- Multimodal public transport
- Ongoing railway development

Land Transport **Aviation** **Maritime**

● Capital
● Cities / Villages
● Airports
● Seaports
— Main Road Network

Home



Abu Dhabi's Smart Transport

Automated Rapid Transit



Self Driving Bus



Driverless Taxi



Mini Robo Bus



Smart Infrastructure



5G V2X



RSU (Road Side Unit)

Sensor



Radar



LiDAR

Enhanced Safety

Integrating AV's sensors with RSU and OBU reduces blind spots in AV, promoting safer autonomous transit.

Efficient Traffic Flow

Efficiency V2X Granting Priority Signals to Authorized Public Transportation Vehicles

Enhanced Security

Secures Communications by Encryption



Tack