



وادي تسمو الرقمي
TASMU DIGITAL VALLEY

INTERNET OF THINGS (IoT) IN TRANSPORTATION

IoT is a system of connected devices that speak to and interact with each other and other networks to improve the way our lives and businesses operate

OPPORTUNITY DEFINITION | INTERNET OF THINGS (IoT) | E-CAR SHARING

The purpose of eCar sharing initiative is to implement an effective mobility solution with greatest impact of substantially reducing number of vehicles on the roads. This will also help achieve the environmental sustainability target by decreasing environmental impact through use of eco-friendly vehicles.

TARGET MARKET

Target Market

Qatar's motor vehicle ownership is **411 vehicles per 1,000 inhabitants**.

Target Users

- › Commuters
- › Residents
- › Business visitors / tourists



ADJACENT OPPORTUNITIES

- › Connected Transport Network
- › Single Transport Pass

STAKEHOLDERS

- › Private sector
- › Ministry of Transport & Communications (MOTC)
- › Ministry of Interior (MOI)



KEY PROBLEM STATEMENT | NEED

To develop an efficient car sharing service to cater for the needs of residents and travelers visiting Qatar, especially during FIFA 2022. The service will include:



- › eCar sharing solution
- › Distributed charging stations
- › Payment solution
- › Integration with Single Transport Pass solution



OWNER AND SECTOR

Owner Private sector
Sector Transportation



PROCUREMENT CYCLE

Request for Proposal (RFP)

The opportunity is in a RFP stage.



TIMESPAN



Total duration of 2-3 years including implementation and testing

BUDGET ACROSS INTERNET OF THINGS (IoT) ECOSYSTEM

The Qatar market for IoT is projected to reach **USD\$573 million** by 2022, at a compound annual growth rate (CAGR) of 35% from 2019 to 2022.

