ABSTRACT

Dubai is one of the seven Emirates in the United Arab Emirates, and a fast growing city with emphasize on technology and smart solutions to meet transport infrastructure challenges. Some of the present challenges facing Dubai's transportation were the subject of a conference held Dubai where the latest technology-based and innovative solutions including shared mobility were considered and discussed. Furthermore, in the GMIS 2017 (Global Manufacturing and Industrialization Summit conference held in 2017), it was announced that Dubai would be soon boasting the futuristic trends of shared mobility modes, connectivity and driverless transportation vehicles (Shaban, 2017). The benefits of shared mobility include increased safety, the reduction in travel times, safety of environment, reduction in traffic jams and well-being of people (Shaban, 2017). With the increasing demand in transportation in the city of Dubai, the need to develop smarter transportation solutions to deal with the current situation is increasing. There is a need to address the existing transportation issues as well as providing for the future growth. The shared use of vehicles could prove an innovative strategy for improving transportation mobility, which allows the users to share a transportation mode (car, bike, limo, taxi etc.) for a short period, as required. The term, shared mobility, refers to a range of transportation modes, as mentioned previously. Alternative transit services are also included in shared mobility, such as private transit services, and para-transit shuttles.

This research study will provide a direct analysis of the impacts that shared mobility might have on transportation issues in Dubai. The study will also help in understanding the methods, which are necessary for the implementation of shared mobility in Dubai. Furthermore, the research study will help in determining the possible ways, which the government should adopt to spread general awareness about the benefits of shared mobility in Dubai.