



## Sohar University Commitment on Transportation Sustainability

### Introduction:

Sohar University recognizes that emissions from vehicles account for considerably high percentage of carbon footprint, therefore the University has committed to enhance relevant aspects of University-related transportation. A plan is put towards the monitoring of fuel consumption of all University owned vehicles where the aim is set to optimize the use of vehicles and reduce the consumption of fuel. In addition, the University encourages its students and staff to have near-campus accommodations or housing nearby the university campus. The University also encourage the use of buses or multiple-occupancy vehicles instead of using single-occupancy private vehicles.

As electric vehicles become more popular in the country (Oman) and their services become readily available, the University is committed to consider switching its vehicle fleet towards electrical-power options. The shift will be gradual to meet cash-flow and budget issues as well as cost-effectiveness.

### Procedures for the transportation sustainability:

Currently the University has 16 different vehicles. The University monitors their fuel consumption. The University policy is to renew all vehicles after maximum of seven years. This in turn ensure that the new vehicles have reduced emissions and also meet the environmental sustainability requirements.

The following Table show the monthly consumption of fuel.

Monthly	Total Liters per month	Average vehicle consumed fuel per day
23-Sep	4359.65	12.39
23-Oct	5805.39	16.49
23-Nov	6927.87	19.68
23-Dec	4511.91	12.82
24-Jan	4059.51	11.53
24-Feb	5479.59	15.57
24-Mar	4493.56	12.77
24-Apr	3666.20	10.42
24-May	4904.48	13.93
24-Jun	2296.43	6.52
24-Jul	3337.23	9.48
24-Aug	2126.13	6.04

From the Table above, it is clear that the daily average fuel consumption per vehicle range from 6 liters to less than 20 liters. This amount is reasonable and acceptable knowing that the University campus is located in Sohar city that is 200Km away from the capital Muscat and 15Km away from Sohar city center. Nevertheless, the transportation section at Sohar University is monitoring every



movement of all vehicles aiming to eliminate unimportant movements to reduce carbon emissions for better transportation sustainability.

The University has put a plan to start installing of charging stations for electrical cars. This will encourage staff and students to switch to electrical cars. In addition, the University equipment running within the campus such as forklifts, cleaning and floor polishing equipment are all electrical-energy based equipment.

The University is committed to continuously review its plans to enhance transportation sustainability.