



اَوْبُوْ سَيِّدِيْ تَيْكُوْلُوْ كِنِيْ مَبَارَا  
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**CENTRE OF STUDIES FOR ESTATE MANAGEMENT  
COLLEGE OF BUILT ENVIRONMENT  
UNIVERSITY TECHNOLOGY MARA**

**AWARENESS TOWARDS ACHIEVING SUSTAINABLE  
TRANSPORTATION AMONG STUDENTS IN UITM SERI ISKANDAR  
CAMPUS  
CASE STUDY: UITM SERI ISKANDAR**

**Academic Project Submitted in Partial Fulfillment of the Requirements  
for the award of the Degree  
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## ABSTRACT

Sustainable transportation is one area of environmental logistics and supply chain management that has garnered significant academic and professional interest in recent years. The current transportation system is widely acknowledged to be unsustainable. The rising use of private automobiles has caused a slew of environmental, societal, and economic problems. The aims of this research focus on the factors that influence the awareness among students related to sustainable transportation. Furthermore, the objective in this research is to identify the level of awareness among students towards sustainable transportation and to rank the level of awareness among students toward sustainable transportation. This research applies a comprehensive literature review with the aim of identifying the factors that influence the awareness among students towards sustainable transportation. The methodology for data collection in this study is based on quantitative methods through the distribution of a questionnaire by a Google Form with likert-scale questionnaire. A link to the Google Form will be provided for the student to answer the questions. This research will be conducted only for UiTM Seri Iskandar's students. The data were gathered through a survey conducted using random sampling method among 157 of 5,572 students at UiTM Seri Iskandar. The results from the survey will be analysed using descriptive analysis with the addition of SPSS tools. From the desk study analysis, I identify that there are four (4) variables to measure this factor of awareness. The factors that would be measured for awareness are environmental concerns, social concern, economic concern and availability of public transportation. The findings reveal that environmental concern is the highest rank in variable which is students know and care more toward sustainable transportation through the surrounding in campus.

Keywords: Awareness, Sustainable Development, University Campuses,  
Sustainable transportation, Carbon Dioxide(co2) Emission.

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## CHAPTER 1

### RESEARCH BACKGROUND

#### 1.1 Introduction

Many people, institutions, organisations, and countries are working to make the planet more sustainable. There are numerous approaches for developing anything sustainable. In most situations, it is motivated by the choice of environmentally friendly and emission-reduction goals. Higher Education, study findings, technology, infrastructure, finances, and the campus administration system are every vital part of a higher education system that contribute to its long-term viability. By maximising these elements, an ongoing effect can be created (Junainah Mahdee, Normazalila Abu Bakar, and Vincent Oh Kim Seng, 2022). Transportation is important factors of the concept of sustainability, which has major consequences for the economic, social, and physical surroundings. The form of transport utilised on campus can have an impact on CO2 emissions. Transportation is an important component of making towns more livable because it affects all three components of sustainable development: the economy, the environment, and society. (Hilma, 2020)

Sustainable transport represents a sector related to environmental transportation and supply chain management that has received a lot of attention from academics and professionals in recent years. According to Rameshwar (2015), the current transport system has been widely recognised as unhealthy. The increasing usage of private automobiles has resulted in a variety of environmental, sociological, and economic issues. Noxious and dangerous chemical emissions lead to global warming, local pollution of the environment, for example, particles released in urban areas, and smog, which putting the environment and people's health at risk. Furthermore, car use damages urban standard of life by being noisy and creating