



MARIANO MARCOS STATE UNIVERSITY

MMSU's Sustainable University Mobility Program

The university has established its Sustainable University Mobility Program (SUMP) that promotes sustainable transportation practices in reducing the university's carbon footprint, improving air quality, and a balanced environment for students, faculty, staff, and community through creative and dynamic sustainable health and well-being.

Specifically, the SUMP is geared towards the following: 1. Promote clean and sustainable transportation through the use of e-jeeps and e-bikes/e-scooters; 2. Encourage and promote the use of non-motorized transportation modes such as walking, biking, and other physical activities among key players and stakeholders; 3. Provide safe and accessible infrastructure for e-jeeps and non-motorized transportation modes on campus, including loading/unloading stations, bike racks, bike lanes, and covered walkways; 4. Increase awareness on sustainable transportation practices and balanced health and wellness interventions through campaigns and educational programs; and 5. Enhance appreciation of the Sustainable University Mobility Program through monitoring and impact assessments.

Several initiatives have already been in place such as: 1) use of e-jeeps and e-bikes/e-scooters; 2) the use of shuttle service; 3) car sharing; 4) carpooling; and 5) promotion of use of non-motorized transportation modes such as walking, biking, and other physical activities among key players and stakeholders.

1) Use of E-jeeps and E-bikes/E-scooters. To minimize the use of private vehicles on campus, we encourage the adoption of eco-friendly transportation options such as e-jeeps, e-bikes, and e-scooters. These alternatives provide a sustainable and efficient means of travel, reducing traffic congestion and lowering our carbon footprint. E-jeeps can serve as a shared transportation service for longer distances, while e-bikes and e-scooters offer convenient options for short trips around campus.

2) Shuttle Service. There are two shuttle services provided by MMSU to its faculty, staff, and students – the HINO bus and County (Rosa). The HINO bus has 49 seats and travels up north of Batac City (where MMSU is located) only (Batac, San Nicolas, and Laoag) while the County Rosa can accommodate 32 and travels down south of MMSU (Batac, Currimao, Pinili, and Badoc). The shuttle vehicles minimize the need for private transportation; in addition, it also gives a more affordable transportation option. The fare is only Php 20.00 (\$ 0.34) per trip, which is way lower

than the fare collected by public utility buses and jeepneys which averages from Php 80 (\$ 1.37) per trip.

3) Car Sharing. MMSU personnel who have vehicles are encouraged to 'share a car' with their colleagues. Through a memorandum order, the faculty, who are willing to 'share a car', identify specific times of the week where they pick up their colleagues or even students who are willing to join them as they report to work.

4) Carpooling. In order to decrease the number of private vehicles on campus, MMSU implements the carpooling scheme where personnel could use a university vehicle for free but by request. For example, one office could request a university vehicle to ferry the visitors of the university instead of asking them to bring their cars within the school premises.

5) Promotion of use of non-motorized transportation modes such as walking, biking, and other physical activities among key players and stakeholders.

1. Use of E-jeeps and E-bikes/E-scooters



2. Shuttle Service

Shuttle Services (Mariano Marcos State University)



Shuttle Services (Mariano Marcos State University)



3. Car Sharing



4. Carpooling



5. Promotion of use of non-motorized transportation modes such as walking, biking, and other physical activities among key players and stakeholders.



Additional Evidence:

'Nipahol' seen as 15% gasoline blend to run vehicles

<https://www.mmsu.edu.ph/news/nipahol-seen-as-15-gasoline-blend-to-run-vehicles>