



MARIANO MARCOS STATE UNIVERSITY

13.4.1 Commitment to carbon neutral university

Year: 2023

MMSU's roadmap outlines a phased approach, targeting carbon neutrality by 2030 and achieving net zero emissions by 2040. This structured plan ensures a strategic, data-driven transition towards sustainability, aligning with global best practices and reinforcing MMSU's leadership in climate action. The university's comprehensive net zero plan through MMSU Sirmata 2040 Land Use Development and Infrastructure Plan (LUDIP), approved by its Board of Regents, includes conducting a full greenhouse gas inventory based on standards set by the World Business Council for Sustainable Development and the World Resources Institute. This assessment covers operational emissions (scope 1 and 2) and extends to value chain emissions (scope 3).

Evidences:

1. Balik Scientist invents Nipahol as alternative fuel to LPG

<https://businessmirror.com.ph/2023/01/08/balik-scientist-invents-nipahol-as-alternative-fuel-to-lpg/>

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

<https://www.facebook.com/photo/?fbid=539163268245968&set=a.459121426250>

3. MMSU Net Zero Emissions Roadmap (2023-2040)

<https://www.mmsu.edu.ph/resources/1720ArQgg4iWoLhIPPUDXvVRL2RsRkPOI/view>

4. Excerpt from the LUDIP Sirmata 2040 Volume 1

https://www.mmsu.edu.ph/resources/1IFB-9TkxXj97H5vtx24yFC_7azPoMU1f/view?usp=drive_link

