TAU's Purchase of Two Nissan NV350 Vans for Enhanced Fuel Efficiency and Lower Carbon Emissions

In line with its commitment to Sustainable Development Goal (SDG) 13—particularly in reducing carbon emissions and tracking low-carbon energy use—Tarlac Agricultural University (TAU) has acquired two new Nissan NV350 vans. This acquisition aligns with TAU's ongoing sustainability initiatives to improve energy efficiency, decrease carbon footprint, and adopt environmentally-friendly transport solutions on campus.

Climate Action emphasizes the need for urgent efforts to combat climate change and reduce emissions. For TAU, one of the strategies to achieve this is to reduce campus-related emissions through more efficient, low-carbon vehicles. This approach not only supports global climate objectives but also provides a benchmark for TAU to measure the impact of low-carbon energy use across university activities.

The Nissan NV350 model was chosen because of its superior fuel economy, lower emissions, and alignment with TAU's commitment to sustainable energy practices. The Nissan NV350, known for its balance of power and fuel efficiency, comes equipped with a 2.5-liter turbocharged diesel engine, achieving fuel efficiency of approximately 12.3 km/L (28.9 mpg) in highway conditions and up to 12.6 km/L (29.6 mpg) in urban settings
Compared to previous models, the NV350's engine design and aerodynamics enable better gas mileage and reduced emissions. These vans also incorporate Nissan's Eco driving mode, which optimizes fuel usage and minimizes environmental impact, helping TAU reduce its operational carbon footprint. TAU's acquisition of these vans is part of a broader initiative to track and reduce carbon emissions across campus. By integrating fuel-efficient, low-carbon vehicles into its fleet, the university is better equipped to monitor and report its carbon reduction progress, providing valuable data for SDG 13.

The NV350's efficiency reduces fuel consumption by approximately 10-15% compared to older models. The advanced diesel engine meets stringent emissions standards, further aligning with TAU's carbon reduction goals. Data from these vans' performance will enable TAU to monitor the energy savings and carbon reductions achieved through the use of low-carbon energy solutions, a key component of the university's sustainability tracking system.

Impact on University Operations These new NV350 vans are expected to support various operational needs while serving as a model for sustainable practices. With their increased efficiency, the vans will contribute to reduced operating costs over time, enhancing TAU's overall sustainability profile. The shift to more fuel-efficient vehicles also serves as a hands-on educational model for students and faculty, illustrating the university's commitment to climate action and demonstrating the tangible benefits of low-carbon energy. TAU's acquisition of two Nissan NV350 vans reflects a strategic commitment to SDG 13: Climate Action through the integration of fuel-efficient, low-emission vehicles into campus operations. This initiative not only reduces the university's carbon footprint but also provides a measurable way to track progress toward low-carbon energy goals. By investing in sustainable transport, TAU continues to advance its mission of being an environmentally responsible educational institution.