

Metric 7.2

AY 2024 - 2025



Saint Louis University
is committed to reducing its energy
consumption on its campuses
through the commissioning of solar
panel systems.



7 AFFORDABLE AND
CLEAN ENERGY



Indicator 7.2.3

AY 2024 - 2025



Saint Louis University

Carbon reduction and emission reduction process



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SLU's Processes for Carbon Management and Emissions Reduction

Saint Louis University (SLU) demonstrates a robust and multi-tiered approach to carbon management and emissions reduction as an active fulfillment of its institutional commitment to a low-carbon future, directly addressing the requirements of SDG 7.2.3. This process is systematically implemented through policy, technology, and operational procedures:

1. Foundational Policy Commitment and Management
2. Clean Energy Generation to Offset Emissions
3. Energy Efficiency and Consumption Management
4. Transport Emissions Reduction

SLU's Foundational Commitment and Management

Saint Louis University's (SLU) commitment to its long-term carbon reduction goals, in line with SDG 7.2.3 (Carbon Management and Reduction), is solidified by its Foundational Policy Commitment and Management. This is established through the university's formal Environmental Policy, which acts as a binding public pledge to implement a "low carbon footprint strategy including the use of clean renewable energy" and mandates the use of "low carbon technologies in buildings and equipment". To ensure compliance and institutionalization, the policy lodges the main responsibility for its implementation with the Vice President for Administration, who is assisted by specialized units like the Campus Planning, Maintenance, and Security Department (CPMSD). This structure makes it mandatory for all Heads of Offices to align their plans and programs with the Environmental Policy, guaranteeing that carbon management is a top-down, non-negotiable operational standard rather than a temporary project.

Environmental Policy Statement

Aims and Objectives

Everyone is enjoined to align their plans, programs, and activities to this Environmental Policy bearing in mind the reminder of Pope Francis that "humanity is one people living in a common home" and we "are called to care for creation not only as responsible citizens, but also as followers of Christ".

Rev. Fr. Gilbert B. Sales, CICM
University President

Pursuant to the objectives of the CICM for the promotion of justice, peace, and integrity of creation, SLU commits to protect the environment.

Environmental Management

SLU Adheres to the principles of environmental preservation, management, and sustainable development. Towards these ends, the University commits:

- Promote sound environmental management policies and practices in all of its units and campuses.
- Comply with all environmental laws, rules, and regulations.
- Encourage the academic community to be more pro-actively involved in environmental issues through programs that support ecologically sound projects and programs.
- Promote activities that will develop skills and understanding among students, faculty, and university administrators in initiating active responses and increasing awareness and involvement on environmental concerns such as but not limited to preventing pollution.

Waste Reduction and Recycling

- Implement sustainable resource management practices, based on the Reduce, Reuse, and Recycle principles.
- Minimize the adverse environmental effects of the transport and disposal of university assets.
- Promote sustainable resource management practices in the procurement of goods and services.

Water

- Aware of the scarcity and value of freshwater, SLU shall endeavor to efficiently and responsibly use water, including identifying opportunities to recycle or reuse it.

Energy and Carbon Management

- SLU Shall implement a low carbon footprint strategy including the use of clean renewable energy.
- Use low carbon technologies in buildings and equipment.
- Minimize the consumption of resources and reduce carbon emissions.

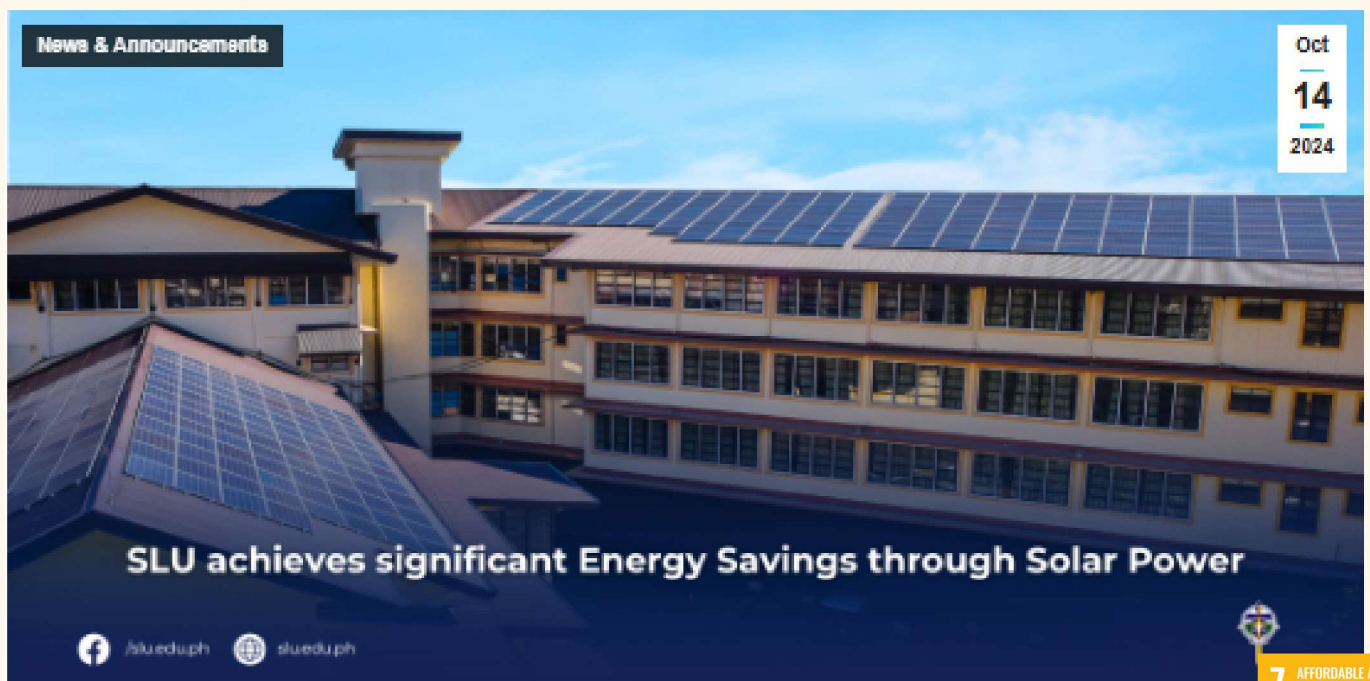
Awareness and Training

- Integrate environmental management in the day-to-day operations of the University such as but not limited to instruction, research, extensions, and student services.
- Promote education for sustainable development through curriculum integration and relevant co-curricular and extra-curricular activities.



SLU's Clean Energy Generation to Offset Emissions

Saint Louis University's (SLU) commitment to its low-carbon strategy, a key component of SDG 7.2.3 (Carbon Management), is powerfully demonstrated through its Clean Energy Generation to Offset Emissions. This process involves directly reducing reliance on the fossil fuel-based national grid by deploying the Solar Photovoltaic (PV) Rooftop System across the Main Campus, Maryheights Campus, and the SLU Sacred Heart Medical Center. This tangible action fulfills the university's pledge in its Environmental Policy to use "clean renewable energy". The impact is measurable: in 2024, the combined system generated 579,284 kWh of clean electricity and achieved a total CO₂ savings of 300 tons. Furthermore, this momentum continued into the first quarter of 2025, with the solar systems generating an additional 135,131 kWh and preventing 66 tons of CO₂ from being emitted.



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SLU achieves significant Energy Savings through Solar Power



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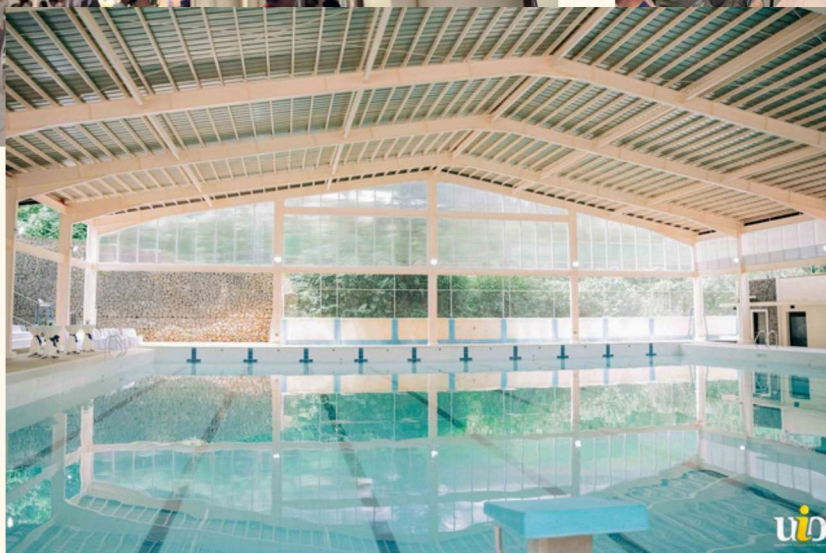
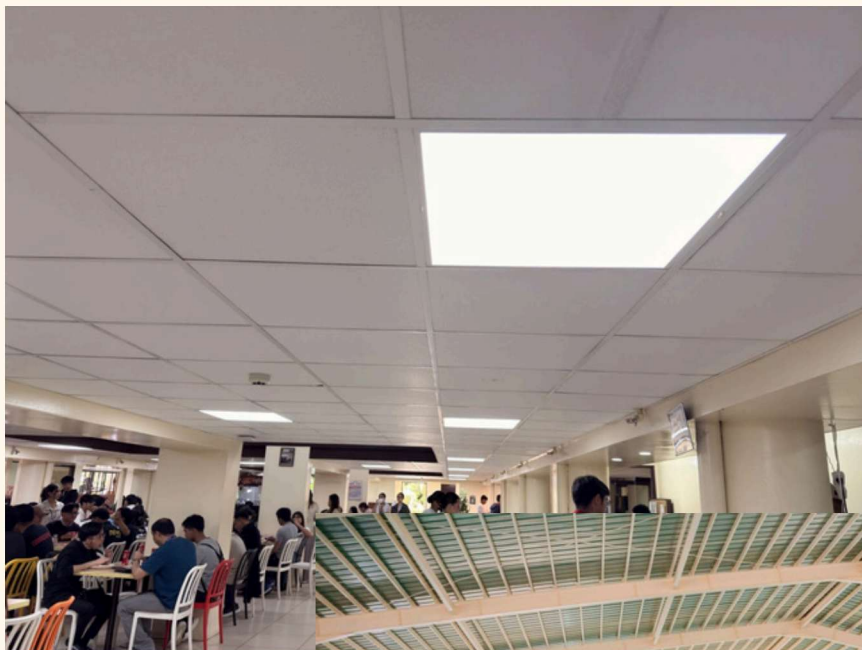


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SLU's Energy Efficiency and Consumption Management

Saint Louis University's (SLU) commitment to SDG 7.2.3 (Carbon Management and Reduction) is systematically executed through comprehensive Energy Efficiency and Consumption Management, which focuses on lowering the university's indirect emissions from electricity use. This process is rooted in the university's Environmental Policy, which enforces the use of "low carbon technologies in buildings and equipment" and mandates efforts to "Minimize the consumption of resources and reduce carbon emissions". SLU has achieved a 100% utilization rate of highly energy-efficient lighting, having fully transitioned to LED Lamps across its facilities, which ensures energy savings of up to 50% compared to conventional lighting. Furthermore, SLU enhances Digital Efficiency by replacing conventional projector setups with Smart TVs in classrooms, a strategic upgrade that significantly reduces hourly energy use by 50%-80% per display. These measures collectively ensure that the majority of energy consumed by the university's appliances and equipment is optimized, serving as a direct and measurable reduction in its operational carbon footprint.



SLU's Transport Emissions Reduction

Saint Louis University's (SLU) commitment to Transport Emissions Reduction, a critical component of its low-carbon strategy under SDG 7.2.3, is achieved through a combination of institutionalized policy and support for clean mobility. The primary behavioral change program is the mandatory "Observation of Car-less Day," institutionalized by Administrative Memo No. 39 s. 2023, which prohibits car entry every last Wednesday of the month. The explicit goal of this measure is to "reduce our carbon footprint and emission" and mitigate air pollution, directly aligning with the university's Environmental Policy to "Minimize the consumption of resources and reduce carbon emissions". This initiative is further supported by the university's provision of a fleet system for students traveling to the Maryheights campus, which reduces the need for individual vehicles. Moreover, SLU encourages the use of e-vehicles or hybrid cars among its employees, establishing a holistic strategy to curb vehicular emissions and promote sustainable transport practices on and around its campuses.



SLU promotes sustainable commuting through shuttle services

News & Announcements • By Saint Louis University • September 29, 2024



Across the campus, more faculty and staff are turning to hybrid cars—a choice that not only reflects convenience and innovation but also drives the university's journey toward a cleaner, greener future. Each ride helps cut fuel use, reduce emissions, and make everyday commuting more sustainable.



Administrative Memo No. 39 s. 2023

MEMO

To : THE LOUISIAN COMMUNITY
Re : LAUDATO SI ADVOCACIES
Date : 13 October 2023

Greetings!

One of our core tenets as an institution is *Missio*, which is the pursuit of a missionary life. Among the concrete ways by which we can trail this creed is by giving life to Pope Francis' encyclical, "*Laudato Si*."

In line with this, Saint Louis University (SLU) will be institutionalizing the following programs to attain the "*Laudato Si*" goals:

Furtherance of Green Spaces in Offices:

Every office shall be adorned by live plants. This will promote environmental sustainability as well as encourage a healthier office environment which is conducive to productivity.

Laudato Si Goal 1: Response to the Cry of the Earth

Observation of Car-less Day:

No cars will be allowed entry every last **Wednesday** of the month. This will reduce our carbon footprint and emission. Further, this will advocate the mindful use of vehicles to aid in the mitigation of the effects of air pollution.

Laudato Si Goal 1: Response to the Cry of the Earth

Laudato Si Goal 2: Response to the Cry of the Poor

Laudato Si Goal 3: Ecological Economics

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