

Saint Louis University

Environmental Education Collaboration with NGO



COLLABORATION WITH GREEN CONVERGENCE PHILIPPINES

Published in: Green Convergence Website at URL: <u>http://greenconvergencephil.com/organizations/</u>

https://greenconvergencephil.com/green-sona-2018-environmental-monsters-are-backsuperheroes-needed

https://greenconvergencephil.com/group-to-assess-state-of-environment/

Green Convergence for Safe Food, Healthy Environment and, Sustainable Economy is a coalition of networks, organizations, and individuals working for a development paradigm that addresses the need for social and economic upliftment while preserving life-supporting water, air, and land for generations to come.

It all started in 2007, when environmentalists, drawn together by related interests and advocacies, formed an alliance to hold a yearly State of Nature Assessment(Green SONA). The group formally incorporated and registered its coalition with the Securities and Exchange Commission in 2011.













COLLABORATION WITH YOUTH FOR PEACE - BAGUIO CHAPTER

Published in: **Youth for Peace Baguio Chapter Facebook Page** at URL: <u>https://www.facebook.com/watch/?v=896624694365986</u>



The Youth For Peace Baguio Chapter is a non-stock and non-profit Civil-Society Organization that advocates peace and development through youth empowerment. The activity aims to promote further activities for the expansion of youth contribution to the Region, City, and the community we live in, thus promoting Youth, Peace, and Security.







Saint Louis University

Commitment to Carbon Neutral University



Published in: SLU Website

at URL: https://www.slu.edu.ph/environmental-programs/

In commitment to the CICM promotion of the integrity of creation and under its core value of social involvement, SLU has taken concrete steps in taking care of the environment and in mitigating the serious

"Saint Louis University is committed and continuing in taking action for environment sustainability. The major activities on campus are ecologically sound, socially just, economically viable, and humane, and will continue to be so for future generations."

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

effects of global warming. SLU has strongly implemented environment-friendly practices inside the campus through its innovative "clean and green" projects that include installation of solar panels, sewage treatment plant, garbage segregation, the plastic-free Wednesday, and various activities in support to the Department of Environmental and Natural Resources (DENR) environmental campaigns and the City of Baguio and United Nation's Sustainable Development Goals (SDGs).

AIMS AND OBJECTIVES

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.

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.

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.



SLU SOLAR PV ROOFTOP SYSTEMS

Published in: SLU Website

at URL: http://www.slu.edu.ph/2022/11/03/2021-2022-energy-consumption/

Saint Louis University is committed to reducing its energy and water consumption on its campuses through the commissioning of solar panel systems and wastewater treatment facilities. In 2019, it started to operate its 243.3 kWp solar power in the main campus. In 2022, two additional solar power systems with a capacity of 90.9 kWp and 179.1 kWp were commissioned in the Maryheights campus and the new hospital building, respectively. Real-time performance monitoring of the solar PV station, which generates about 306,000kWh per year, is available.. The project also enables the school to reduce a total of about 135metric tons of CO2 emissions per year. These carbon emission reductions are equivalent to burning 56,200 litres of gasoline less per year.



Solar PV Rooftop Performance Report SLU Baguio Performance Period, August 2021 – July 2022 Philippines, October 2022



Achieved Savings of PHP 2,558,180 in 12 months!

Total Clean Energy Generated: 293,020 kWh



Total Emission Savings in 12 Months



J ACTION

ADVANCED WASTEWATER TREATMENT FACILITY

Published in: **SLU Website** at URL: <u>http://www.slu.edu.ph/environmental-programs/</u>



SAINT LOUIS UNIVERSITY BAGUIO CITY CAMPUS PLANNING, MAINTENANCE AND SECURITY DEPARTMENT



WASTEWATER TREATMENT SYSTEM SPECIFICATIONS

Saint Louis University Wastewater Treatment System in the Main Campus and Mary Heights Campus is upgraded to the latest and most innovative technology available in the industry today. The Wastewater Treatment System in the University Campuses serves to remove contaminants from sewage to produce an effluent that is suitable for discharge to the surrounding environment or an intended reuse application, thereby preventing water pollution from raw sewage discharges.

Saint Louis University commissioned and joins partnership with KBWorld Trading Corp. and Hyper Kem and Machineries, Inc. in the attainment of the Wastewater Treatment System upgrade of the two campuses, Main Campus and Mary Heights Campus, respectively.



PHOTO INSIDE THE FACILITY





Published in: SLU Website

at URL: http://www.slu.edu.ph/2022/07/05/sustainable-rain-silang-rain-water-storagecomplete/



To ensure sustainable water use, rainwater is harvested. During rainwater harvesting, accumulated rainwater from building gutters and other impermeable surfaces is collected and stored in rainwater containers located at the Diego Silang Building. The significant ecological most rainwater advantage of collection systems is the decrease in water usage purposefully collected from the environment and coursed through the city's water district. There is no denying that maximizing available resources can significantly impact plans for a more sustainable future.

