

Strategic Plan relative to PSU's Sustainability for SY 2021-2025

OO/SDG/ CHED Goal	AREAS OF SUSTAINABILITY	OBJECTIVE	KPI #	KEY PERFOR-MANCE INDICATOR (KPI)	BASELINE DATA 2020	TARGETS/BUDGET										
						2021		2022		2023		2024		2025		
						Target	Budget	Target	Budget	Target	Budget	Target	Budget	Target	Budget	
	A. Green Planning and procurement	A.1. University Sustainability Board and the Campus Sustainability Committee including 2 graduate schools to undergo seminar-training on green planning and procurement		1. No. of University Board and the Campus Sustainability Committee to undergo seminar-training on green planning and procurement	1) 25 U SB and 2) 15 CSC per campus/gs x 11 campus/gs = 165 people 3) total of 165 people to be trained x P200/person P33,000 + P5,000 (25 USB) = P38,000	160 pax	P38,000	0	0	0	0	0	0	0	0	
		A.2. Plan and purchase Products and services that 2.1 promote pollution prevention, waste reduction, and diversion 2.2 conserve resources 2.3 conserve resources 2.4 protect human health and well-being		2. after training, CSC to plan what, where, when, and why to recommend the environment preferred products and services or supplies and materials to be procured or purchased centrally by the university through procurement office or Bids and Awards Committee (BAC). With the recommendation of USB. This is to allow the university to take advantage of volume discounts and to explore options for environmentally preferable products but with the recommendation of the university sustainability board	centralized procurement but with less or no consideration of environmentally preferred products and services	Green plan and procurement (gpp) per campus/gs = 11		P33,000 (food for initial planning)	11 GPP	0	11GP P	0	11 GPP	0	11 GPP	0
		A.3. Prohibition of importation of non-environmentally acceptable consumer products or packaging in non-environmentally acceptable materials		2. CSC identified imported non-environmentally acceptable consumer products and packaging			11	0	11	0	0	0	0	0	0	0
	A.2 plan and purchase of environmentally products or services for the B.1) conservation of	A.2.1 strictly following standards for energy efficient and ecologically designed buildings in every campus.		• purchase at least 1 rainwater harvesting for dual-pipe systems or pico-hydroelectric systems per campus/gs		1	P30,000	3	P90,000	3	P90,000	3	P90,000	1	P30,000	
				• purchase photovoltaic systems per campus		1	P70,000	3	P210,000	3	P210,000	3	P210,000	1	P70,000	
				• purchase energy efficient lights (e.g., LED) and		20 LED for 1 campus	P4,000	20 LED	P12,000	60 LED	P12,000	60 LED	P12,000	20 LED	P4,000	

	materials and energy		equipment (e.g., alternative cooling systems, inverter technology, building management systems)											
			• allot for Decentralized Wastewater Treatment System (DEWATS)		0	0	1	P5M	1	P5M	1	P5M	0	0
			• retrofit old buildings or new building should have double envelope systems for improved insulation, appropriate and better window design for improved natural lighting and ventilation, efficient control and design of lighting, incl. switches/bulb placement, use of LED in external/ grounds lighting		0	0	1		1	P2M	1	P2M	0	0
			Construct grounds and pathways that incorporate sustainable design principles that encourage walkability: •Permeable pathways to allow water percolation •Perforated parking pavers and green parking lots •Permeable pathways to allow water percolation •Perforated parking pavers and green parking lots •Ease and safety of navigation • Heavy duty roads •Ease and safety of navigation		0	0	1	P1M	1	P1M	1	P1M	0	0
Utilities: Water	to reduce water consumption through natural rainwater storage systems, suitable and less water-dependent plants, and water recycling programs		IEC through website, facebook page per campus and reminders in the comfort rooms, lavatories, laboratories and gardens to conserve water and manage storm water		12 (1 university website, 11 facebook page per campus/gs	0	12	0	12	0	12	0	12	0
Utilities: Electricity	To promote energy-saving guidelines, use of the most energy-efficient lights and equipment available, as well as the use of renewable energy		• Installation of purchased energy efficient lights (e.g., LED) and equipment (e.g., alternative cooling systems, inverter technology, building management systems)		20 LED		20 LED		60 LED		60 LED		20 LED	

	sources such as solar power and other innovative means.	<ul style="list-style-type: none"> • installation of purchased photovoltaic systems per campus 	1 campus		3		3		3		3		1	
		<ul style="list-style-type: none"> • IEC through website, facebook page per campus and reminders in every building on energy conservation i.e turn off lights during break time and at the end of the day, and unplug equipment after use, when applicable, thermostat controls are set at 21-23oC , turn on/off the air-con/s 30 min before start/end of scheduled room use, and turn on air-con/s only as needed and on staggered basis to prevent power surge. 	12 (1 university website, 11 facebook page per campus/gs	0	12	0	12	0	12	0	12	0	12	0
Utilities: Fuel	To promote energy-saving guidelines, use of the most fuel-efficient vehicles	<ul style="list-style-type: none"> • procurement and use of fuel-efficient and low emission vehicles. 	0	0	3	P3M	3	P3M	3	P3M	3	P3M	0	0
		<ul style="list-style-type: none"> • appropriate planning and scheduling on use of PSU vehicles and come up with vehicle use plan and schedule per unit and campus 	12 campus/gs/ unit vehicle use plan and schedule	0	12	0	12	0	12	0	12	0	12	0
		<ul style="list-style-type: none"> • appropriate maintenance of vehicles per campus 	12	P600,000	12	P600,000	12	P600,000	12	P600,000	12	P600,000	12	P600,000
Materials	to minimize the amount of waste generated per campus/gs	<ul style="list-style-type: none"> • purchase of Office / Lab/Kitchen/Equipment with Low-wattage CFC-free equipment Low-wattage; higher EER (energy efficiency ratio) 	1 priority equipment per campus	P50,000	3	P150,000	3	P150,000	3	P150,000	3	P150,000	1	P50,000
		<ul style="list-style-type: none"> • purchase of generator sets with high efficiency and minimal noise are preferred. 	1 gen set per campus/gs	P50,000	3	P150,000	3	P150,000	3	P150,000	3	P150,000	1	P50,000
		<ul style="list-style-type: none"> •purchase of supplies i.e. paper, cleaning products, paint, construction materials, other materials which are environment friendly 	included in the APP & PPMP of campus		include d in the APP & PPMP of campus		includ ed in the APP & PPM P of campus		includ ed in the APP & PP MP of		includ ed in the APP & PPM P of campus		includ ed in the APP & PPM P of campus	

											campus			
Green Spaces, Biodiversity and Mobility	to maintain a high degree of greenery and appropriate land use, guided by the Campus Sustainability Design.		<ul style="list-style-type: none"> Plant/replant at least 3 different endemic or native tree species per campus 		27 trees		27		27		27		27	
Food Sustainability and Food Packaging	to promote and implement healthy and nutritious food services, proper food handling and service practices, the use of environment-friendly food packaging, and food waste reduction, by engaging all of its stakeholders. (beverages included)		<ul style="list-style-type: none"> patronize per campus/gs the caterers/ food concessionaires that handle food with high levels of sanitation and efficiency 		12		12		12		12		12	
			<ul style="list-style-type: none"> patronize per campus/gs caterers/ food concessionaires that use environmental friendly food packaging (beverages included) 		12		12		12		12		12	
			IEC through website, facebook page per campus and reminders in every campus/gs on healthy and nutritious food services, proper food handling and service practices, the use of environment-friendly food packaging, and food waste reduction		12		12		12		12		12	
Adoption of New Technologies	to improve the campus/gs carbon footprint, increase savings from utilities, and/or educate stakeholders on sustainable technologies.		<ul style="list-style-type: none"> IEC through website, facebook page per campus and reminders in every campus/gs on waste reduction improving the campus/gs carbon footprint, increase savings from utilities, and/or educate stakeholders on sustainable technologies. 		12		12		12		12		12	
Waste Management (hazardous and non-hazardous solid, liquid, and gaseous wastes)	To manage hazardous and non-hazardous solid, liquid, and gaseous wastes per campus/gs		<ul style="list-style-type: none"> IEC through website, facebook page per campus/gs and reminders in every campus/gs on individual and unit waste management 											
			<ul style="list-style-type: none"> establishment of recyclable and composting facility per campus 		0		3		3		3		0	
			<ul style="list-style-type: none"> residual wastes are to be brought home except for soiled tissues in the CR which to be brought at the composting facility 		All individuals of the university		All individuals of the university		All individuals of the university		All individuals of the university		All individuals of the university	

			<ul style="list-style-type: none"> recyclable wastes of every individual or unit should coordinate with the CSC of the campus/gs which should be sold and regard as IGP 		All individuals/unit of the university		All individuals/unit of the university		All individuals/unit of the university		All individuals/unit of the university		All individuals/unit of the university	
			<ul style="list-style-type: none"> all types of hazardous wastes should be treated by service provider or licensed person of the university 		All campuses/gs		All campuses/gs		All campuses/gs		All campuses/gs		All campuses/gs	
Pollution Control	Pls refer to pollution control strategic plan SY 2021-2025													
Disaster Risk Reduction and Management	to reduce disaster risk		<ul style="list-style-type: none"> Campus Sustainability Committee works together with concerned units develop and implement training modules for faculty, staff and administrators who can be engaged in informing, educating, and forming students and other stakeholders towards being resilient, responsive, and responsible during disasters 		11 CSC initiated the development of modules or IEC on DRRM	P110,000	11 CSC developed modules or IEC on DRRM	P110,000	11 CSC implement modules or IEC on DRRM	P550,000	11 CSC implement modules or IEC on DRRM	P550,000	11 CSC implement modules or IEC on DRRM	P550,000
			<ul style="list-style-type: none"> orientation on occupational health and safety 		11	P110,000	11	P110,000	0	0	0	0	0	0
			<ul style="list-style-type: none"> orientation on health and sanitation code of the province of Pangasinan 		11	P110,000	11	P110,000	0	0	0	0	0	0
Monitoring and Evaluation	To monitor and evaluate all stated areas of sustainability		<ul style="list-style-type: none"> develop specific guidelines and process on monitoring and evaluation per campus/gs 		11	P110,000	0	0	0	0	0	0	0	0
			<ul style="list-style-type: none"> train CSC on monitoring and evaluation of all areas of sustainability 		160 pax	P38,000	0	0	0	0	0	0	0	0
Meeting and reporting	To meet and report to the concerned and transmit thru website or facebook page the result of monitoring and evaluation of areas of sustainability		<ul style="list-style-type: none"> quarterly meeting of CSC 		160 pax	P152,000	160 pax	P152,000	160 pax	P152,000	160 pax	P152,000	160 pax	P152,000