



# BATANGAS STATE UNIVERSITY'S (BATSTATEU'S) POLICY GUIDELINES FOR SUSTAINABLE DEVELOPMENT



The building's indoor environment can contain more contaminants many times over than the outside. Various studies have shown that indoor air contaminants can cause health disorders, through symptoms of SBS and BRI. The introduction and application of minimum fresh air rates will maintain acceptable indoor air quality through the constant replacement of indoor air in buildings, hence must be prioritized.

Compliance to the minimum fresh air rates provided in the latest Philippine Society of Ventilating, Air-Conditioning and Refrigerating Engineers (PSVARE) Standards shall be observed.

1.4.6.2 Minimal Exposure to a variety of contaminants and toxins or understanding their sources and control shall be ensured.

## **1.5 Energy Conservation**

1.5.1 All buildings and facilities of the University shall be operated in the most energy efficient manner. The following standards shall guide proper offices tasked to implement the same:

### *1.5.1.1 Use of Air-Conditioning Units*

- a. The University shall promote the use of energy efficient air conditioning units/systems that utilize ozone-friendly refrigerants.
- b. Load calculations and audit of all air conditioned spaces to determine the sufficiency of the air condition units/systems shall be conducted. Regular monitoring and maintenance of the units/system must be conducted by PFMO.

### *1.5.2.1 Lighting*

- a. Turning off lights in offices, classrooms, laboratories, conference rooms, and restrooms when not in use shall be practiced especially at the end of a class, and at the end of the day.
- b. The University shall ensure that classrooms, offices and other University facilities (e.g. laboratories) employ and maintain energy efficient lighting that meet basic lighting illumination standards for the intended room use or activity.
- c. Defective lighting fixtures shall be replaced with a more energy efficient fixture whenever applicable.

1.5.2 The University shall set and publish energy performance targets and shall have a monthly monitoring and evaluation of performance levels

which will be performed by a designated Energy Conservation and Efficiency Committee.

1.5.3 The University shall promote the use of renewable energy resources especially to new constructions and to integrate them in existing building renovations. This shall include the utilization of solar PV.

1.5.4 The University shall implement measures on reduction of greenhouse gases emissions. The goal is to reduce the greenhouse gas emissions of the campuses to 25% below 2022 levels by 2029 based on the BatStateU Sustainability Plan.

a. The following shall be practiced as regards the use of University vehicles

a.1 Proper trip planning, car-pooling and vehicle maintenance

a.2 All vehicles shall be properly maintained and have valid registration with the LTO and are compliant to the Clean Air Act emission standards

a.3 Drivers shall practice eco-friendly driving habits to ensure efficient and low-carbon footprint use of all University vehicles.

b. As regards private vehicles, the following must be observed:

b.1 “No-idling policy” shall be implemented

b.2 With valid registration with the LTO and compliant to the Clean Air Act emission standards. Vehicle pass stickers are issued upon submission of a photocopy of the vehicle’s Official Receipt and the Certificate of Registration (OR/CR).

c. Generator sets

c.1 Generator set will only be used when there is no power supply and/or during an emergency situation.

1.5.5 Students and personnel of the University shall make every effort in achieving the goals of BatStateU to lower energy consumption, decrease greenhouse gas emissions, reduce energy expenditures, transition to clean and alternative energy sources, and educate the BatStateU community on the importance of energy conservation, management and efficiency.



# Sustainability Plan

*Leading Innovations, Transforming Lives*



Enhancement of existing and development of new sustainability research initiatives.	Inclusion of specific sustainability clauses in the research agenda of the university	Conduct of FGD and research agenda review	Research Council, Stakeholders	Every 3 years starting 2023
Growth in the number of sustainability-related start up enterprises launched and start up competitions held.	No. of faculty, alumni and student led startups which are sustainability - focused	Spearhead Incubation Program to support startups which are sustainability - focused	Research Council, Center for Technopreneurship and Innovation, Colleges	2022 onwards

#### **D. SUSTAINABLE OPERATIONAL PRACTICES AND STRATEGIC PLAN**

**Goal:** Integrate, implement, and embed the principles of circular economy and SDGs within university strategies, policies and plans.

**Objectives:**

- To implement the principles of sustainability through governance structures and operational policies and decisions, such as those relating to employment, finance, campus services, support services, facilities, procurement, human resources, and student administration;
- To continuously improve process that seeks to meet the operational performance targets, goals, and objectives designed to achieve sustainability and environmental improvements;
- To manage the risks and opportunities associated with its activities to prevent harm to people, assets and the environment;
- To optimize the use of University’s financial resources in support of the academic, research, and extension services goals through responsible and accountable financial management;
- To ensure compliance with current legal requirements, as well as those others that the organization subscribes to;
- To formulate and implementing policies and guidelines, and establishing targets to help achieve those established in the SDGs;
- To develop a culture of sustainability and transferring such culture to the entire value chain: clients, partners, suppliers, and other stakeholders; and