

BATANGAS STATE UNIVERSITY

The National Engineering University

Propelling Transformations and Accelerating Reforms for National Development

Center for Sustainable Development

CARBON FOOTPRINT REPORT

This report reflects the carbon footprint per capita of the University in the basis of electricity, water and fuel consumption in the year 2022.

Carbon Emissions on Electricity Consumption

Total Electricity Consumption:

3,737,030 kWh

Carbon Emissions:

2,661,512.77 kg/kWh

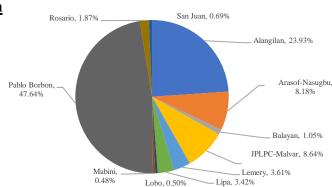


Figure 1: Percentage of electricity consumption per campus



Total Water Consumption:

51,668 m³

Carbon Emissions:

 $547,680.8 \text{ kg/m}^3$

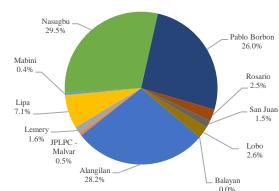


Figure 2: Percentage of water consumption per campus

Carbon Emissions on Fuel Consumption

Total Fuel Consumption:

26,784 L

Carbon Emissions:

72,317.35 kg/L

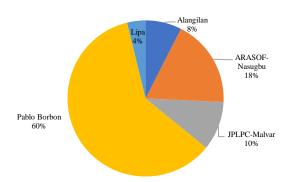


Figure 3: Percentage of fuel consumption per constituent campus

Campus Population: 59,009

Carbon Footprint per capita: 55.6 kg CO₂/year

Prepared by:

Rafael B. Ramirez Data Analyst, CSD

Sources: Submitted consumption reports of the constituent campuses.

Verified by:

Vaberlie P. Mandane-Garcia, PhD
Sustainability Development Officer



Rizal Avenue Extension, Batangas City, Philippines

