SDG 7
Affordable and Clean Energy

Ensure access to affordable, reliable, sustainable and modern energy for all

In 2021, 27% of FPT University's electricity consumption came from solar and wind energy.

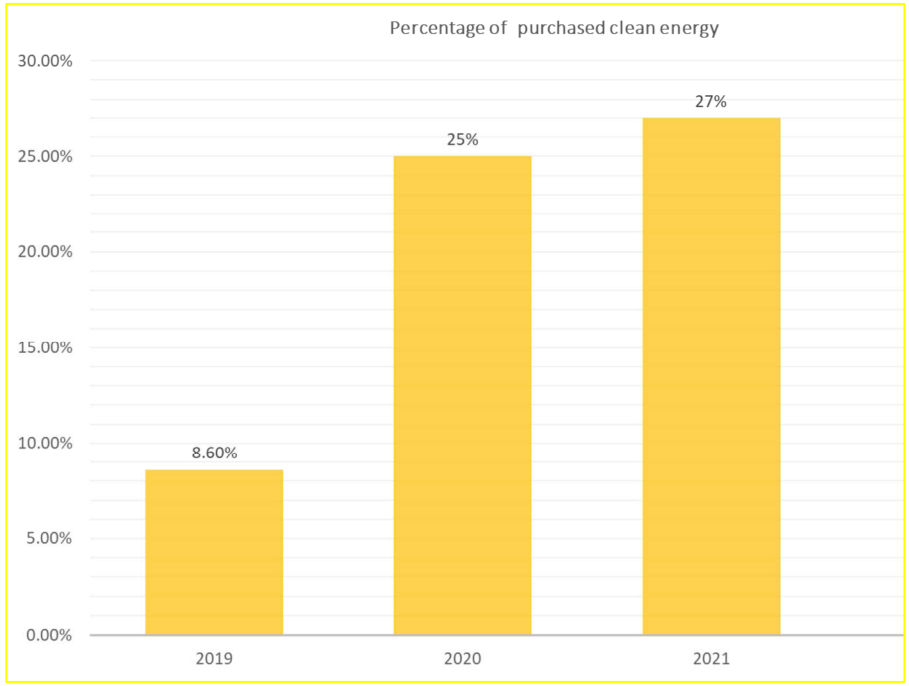
The majority of energy used by FPT University campuses comes from the city's electrical grid. **8.6 PERCENT** of FPT University's total energy purchased in 2019 came from **RENEWABLE SOURCES SUCH AS SOLAR AND WIND ENERGY** (compounded at the national rate). In 2021, the percentage of clean energy **ROSE TO 27 PERCENT**, which was also the percentage of clean energy in the total energy consumption of FPT University

533

actions of employees have taken actions under SDG 7 – Affordable and Clean Energy.

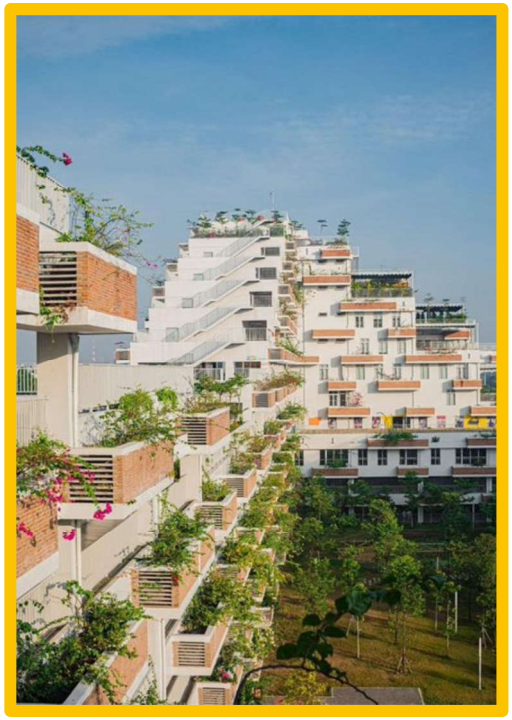
45.224

actions of FPT University students **have taken actions under** SDG 7 – Affordable and Clean Energy.



2019			2020			2021		
Total purchased energy (KWh/year)	Total purchased clean energy (KWh/year)	Percentage of purchased clean energy	Total purchased energy (KWh/year)	Total purchased clean energy (KWh/year)	Percentage of purchased clean energy	Total purchased energy (KWh/year)	Total purchased clean energy (KWh/year)	Percentage of purchased clean energy
2,204,290	18,956.9	8.6 percent	3,036,956	759,239	25 per cent	2.975,743	80.328,861	27 percent

Table 1: Total energy, and clean energy purchased by FPT University in 2019-2020-2021



FPT University is a relatively new institution with campuses constructed within the last 15 years. GREEN DESIGN is a priority of FPT University's buildings. The university plans to upgrade its existing buildings to be more energy-efficient and align with the FPT Education's vision and mission, which prefers green design for buildings. Since 2015, ELECTRIC BUSES have been used on the Hanoi campus. The design of the Skylight contributes to the air conditioning of the building's space Our first main building (ALPHA BUILDING) on the Hanoi campus was completed in 2014. It was designed to take advantage of natural sunlight and wind, which is suitable for Vietnam's tropical climate. Potted plants are placed all over the buildings' surface, providing a natural cooling system that reduces the amount of electricity needed for the air conditioners. FPT University's Ho Chi Minh, Can Tho, Da Nang, Quy Nhon City campus in the sub-equatorial zone, where the average summer temperature is 29.3-35 degrees Celsius, also utilize this architecture.

Sustainable Development Policy of FPTU chapter VII article 30 stating that new construction and repair buildings must use design and materials according to environmental standards .....
FPTU has clearly defined measures and goals (tags) on organization and supports Smart Mobility (....) to reduce emissions from travel activities of lecturers and students.

Tree planting in all campuses is also meticulously planned.

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The design of the Skylight contributes to the air conditioning of the building's space

FPT University's Electric buses

7 AFFORDABLE AND CLEAN ENERGY