7 AFFORDABLE AND CLEAN ENERGY

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

45,918

actions of students at FPT University have supported the goal of "Affordable and Clean Energy" - SDG 7

115

research publications aligned with SDG 7: Affordable and Clean Energy were published by FPTU faculty members in 2025

516,1 kWp

The total renewable energy capacity at the Can Tho campus reaches 516.1 kWp



Earth Hour 2025 – switch off the lights, act for the earth

FPTU Can Tho proactively rolled out a community campaign to promote energy efficiency in response to “Earth Hour 2025,” under the message “green transition – green future.” The activity took place during the key one-hour window (8:30–9:30 PM on March 22, 2025), mobilizing students to practice electricity saving by switching off all non-essential electrical devices and following a 4-step process to spread the message across social media. The campaign issued certificates of participation on-site to recognize students’ commitment to reducing CO_2 emissions and to build a habit of energy-saving practices within the youth community.



FPTU’s SDG Policy on Renewable Energy and Energy Efficiency

- Chapter V: Resource Efficiency and Waste, Article 28: Commitment to a Carbon-Neutral University
- Chapter VI: Construction and Renovation, Article 30: Lighting System



FPTU is equipped with 100% LED lighting, including in lecture halls and auditoriums.

Rooftop solar power systems at FPTU

FPTU Can Tho has put into operation a rooftop solar power system with a total capacity of 516.1 kWp since late 2025. The project is equipped with 794 high-efficiency Longi 650 Wp solar panels and 03 Huawei 150 kW inverters, with a design lifespan of over 30 years. The system is expected to generate 740,000–760,000 kWh of clean electricity per year, directly cutting 494 tons of CO_2 per year for the campus. This reflects the university's commitment to using clean and low-carbon energy, aiming to improve energy efficiency, increase the share of self-generated and self-consumed renewable energy, and proactively reduce CO_2 emissions on campus.







FPTU provides startup field trips to Ca Mau Gas Company to explore the “energy heart of the Mekong Delta”

On October 12, 2025, the Entrepreneurship Experience Department of FPTU Can Tho organized a field study trip to Ca Mau Gas Company for a group of students. The activity focused on 03 in-depth thematic sessions and a tour of the processing line at the Ca Mau GPP Plant, giving students exposure to the natural gas (a low-carbon energy source) operating process from the PM3 gas field. The trip aimed to shape innovative thinking and promote green startup ideas and circular economy concepts in the clean energy sector, reflecting the university’s role in raising awareness of clean energy and supporting startups that advance a low-carbon economy.





FPTU connects students with green mobility solutions through a company tour at MET EV

On March 6, 2025, the Soft Skills Department, in collaboration with the Business Relations Department of FPTU Ho Chi Minh, organized an experiential program at MET EV – a startup specializing in green mobility solutions. Students explored battery design technology and charging stations, test-drove electric vehicles, and were introduced to the Design Thinking method applied in green technology. The activity served as a stepping stone for the “Thinkathon for Social Impact 2025” competition, helping students understand the importance of energy efficiency and clean energy.



