

KMUTT SHOWCASES NET-ZERO CARBON INITIATIVES AT ASEAN SUSTAINABLE ENERGY WEEK 2024



King Mongkut's University of Technology Thonburi (KMUTT) is set to highlight its commitment to achieving net-zero carbon emissions at the ASEAN Sustainable Energy Week 2024. The event will take place from July 3-5, 2024, at Hall 1, Queen Sirikit National Convention Center.

Visitors to the KMUTT booth can explore an array of initiatives and research aimed at promoting sustainable development across three key areas:

1. People

- **Student Innovations:** Featuring projects from students who won the 'Final Pitching Day Innovation for KMUTT Sustainability 2024: Let's Create our Future'. These innovative ideas are being implemented to enhance sustainability on campus.

- **Educational Programs:** Showcasing energy and environmental courses from the School of Energy, Environment, and Materials.
- **Clean Energy Solutions:** Highlighting the Kiriwong Hydroelectric Turbine project, a prototype for clean energy management in remote areas of the Nakhon Si Thammarat mountain range, developed by the Integrated Clean Energy Systems Research Laboratory.

2. Planet

- **Carbon Neutrality 2040:** An overview of KMUTT's policies and strategies aimed at achieving carbon neutrality by 2040.
- **Research Initiatives:** Presenting the work of the Life Cycle Sustainability Assessment Laboratory, including biomass research from agricultural waste and energy management from landfill waste, conducted by the X-ray Men research team from the Joint Graduate School of Energy and Environment.

3. Prosperity

- **Electric Vehicles:** Demonstrating the 'Autonomous Electric Bus Prototype (LV3)' utilizing 5G technology, developed by the Mobility and Vehicle Technology Research Center.

Join us at the ASEAN Sustainable Energy Week 2024 to witness these groundbreaking projects and learn more about KMUTT's efforts in driving sustainable energy solutions.

















