

UiTM Collaborates with Thai University to Explore New Energy Source from Trees

Malaysia's Universiti Teknologi Mara (UiTM) will soon be collaborating with the Kasetsart University of Thailand to explore a new renewable energy source from "energy plantations". UiTM Rector (Pahang campus) Associate Prof Datuk Dr Hilmi bin Ab. Rahman explained that wood from the Luceana tree could be burnt to produce steam which in turn, could be turned into a new cheaper energy source. He also noted that UiTM had engaged in the research of energy plantations, and together with Kasetsart University, could further enhance their research, especially in the genetic engineering of the Luceana tree in ensuring a sustainable supply of the tree. He said that green technology and renewable energy had vast potential, not only in Malaysia and Thailand but also in the ASEAN region and worldwide.

Dr Wan Mohd. Nazri bin Wan Abdul Rahman, a scientist from UiTM Pahang, stated that the new renewable energy had been proven to produce 1MW of electricity in Sabah. However, he added that further research and modifications were needed if 100% of the new renewable energy was used for the diesel engine, adding that its plantation pilot project was currently supplying energy for a timber factory in Kertih.

(Sourced from BERNAMA)