

USM Launches Mini Bio-Gas Energy Plant to Produce Electricity

Universiti Sains Malaysia (USM) has launched a mini biogas energy plant capable of generating 600 kilowatt of electricity a day from food waste in the campus. USM vice-chancellor Prof. Datuk Omar Osman said the pioneer project carried out in cooperation with the university's industry partner, Enerbon Sdn. Bhd., was aimed at building a prototype plant for the use by interior communities which had problems in obtaining regular electricity supply. Food waste provided by all cafeterias and canteens in the campus will be converted into methane which will in turn be used to generate electricity. The plant had two tanks which could accommodate 400 kg of food and organic waste. The electricity would be channelled to the university's power supply grid. It was designed according to industrial standard but it could also be modified into a smaller version to suit a community of 500 people. – BERNAMA

(Sourced from the New Straits Times, 2 March 2013)