Highlights

Launching of the Research Management & Innovation Complex

Award Winning Researchers

Expo Highlights

Research Highlights

Centres of Excellence
University of Malaya Identified as a Strategic Partner in the Low Carbon City Program

By
Associate Professor Dr. Norhaslina Hassan

The Ministry of Energy, Green Technology and Water (KeTTHA) has identified five pilot projects to be carried out for the Low Carbon City Program (The Star, 28 February 2012).

The strategic partners are University of Malaya, Universiti Teknologi Malaysia, Miri, Port Dickson and Hang Tuah Jaya in Melaka. The program involves implementation of the Low Carbon Cities Framework and Assessment System (LCCFAS) which the Ministry has developed in collaboration with Green Tech Malaysia and the Malaysian Institute of Planners, in selected sites.

The LCCFAS is a tool that is envisaged to serve as a comprehensive guide to achieve sustainable developments that will subsequently reduce carbon emissions. It is composed of 2 elements: the holistic framework and an inbuilt carbon calculator to help stakeholders assess their current baseline levels and target their intended carbon levels.

The UM team consists of sectoral leaders in charge of the five original sectors prescribed in the LCCFAS i.e. urban environment, transportation, infrastructure and buildings) plus an additional GIS sector for the project’s database management. A total of 35 performance indicators are to be evaluated and monitored using the system. The task of the LCCF-UM team is to test the applicability of the system in city campus, incorporating further green initiatives in the university.

Currently the project is under the purview of UMCares in partnership with the Sustainability Science Cluster. With the commitment of a team that draws its strength from multi-disciplinary experts in related fields as identified in the framework, this project is hoped to pave the way for University of Malaya to become a greener campus and community.