

ABSTRACT

This study aims to provide a decision-supporting dataset for Mae Fah Luang University (MFU) in its attempt to become a world-class green university, both in terms of sustainable education and on-site environmental management. It compiled and analyzed past sustainability activities and projects at the university following the framework of the UI Green Metric World University Ranking. The ranking system that had been developed by Universitas Indonesia since 2010 consisted of green indicators in 6 areas: setting and infrastructure, energy and climate change, waste, water, transportation, and education. The self assessment yielded similar findings to the 2013 UI ranking. In its debut, MFU was ranked 53rd in the world and 5th among the 13 Thai universities that participated in 2013. The strengths of MFU lay in its water system, energy installments and energy conservation measures, and its vast, green landscape and harmonious master plan. However, there remained areas that would require further improvements, in particular the management of solid waste that needs immediate attention in order to reduce the quantity of waste and to recover waste materials. The results of this study are the basis for the development of the Green University Strategic Plan with a vision to create “Green & Clean MFU” that can serve as a model for holistic sustainable development.