ENVIRONMENTAL SUSTAINABILITY Report 2022

Universiti Teknologi MARA Sarawak

UNIVERSITI TEKNOLOGI MARA

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TABLE OF CONTENT

Strategies & Planning

To achieve the intended outcomes, as well as enhancing the environmental performance, UiTM has established, implemented, maintained, and continually improved an environmental management system, consisting of the processes needed and their interactions, according to the ISO14001 Environmental Management System of SDG. The list of strategies and planning is in accordance with the environmental policy of UiTM.

Categories	Strategies	Actions
Energy	Energy-efficient appliances for a change	To replace fluorescent bulbs to LED for buildings and streets. To replace the split unit air conditioner with inverter types. To replace the existing chiller with a variable speed drive (VSD) system.
	Energy policy to be used as a guideline	To ensure all UiTM campuses apply the energy policy as a guideline for energy usage.
	Renewable energy to be installed in the campus	To install more renewable energy sources such as solar photovoltaic (PV).
	Smart building implementation	To install sensors such as photocell sensors.
	Energy management	To increase the number of certified energy managers.
Water	Campaign, promotion and education	Introduction of environmental-related subjects for the students in increasing their understanding about protecting nature.
	Water-saving and conservation	Installation of rainwater harvesting system at a suitable location, including buildings and open spaces within the campus.
	Water-efficient appliances usage	Installation of water-efficient appliances such as washing taps and toilet flushing.
	Water recycling program Pipeline replacement	Encouragement of more water recycling programs Improvement of water distribution in UiTM.
Waste	Educate, train, and provide information and instructions in promoting a recycling culture in the campus community	Recycling programmes for university waste. Separation of waste at source programmes. Bring Your Own Container (BYOC) programmes.
	Introduce appropriate and systematic waste management efforts in ensuring the cleanliness and well-being of UiTM	Programmes held to reduce the use of papers and plastics on campus.
	Compost green waste	Organising a composting centre for the green waste.
	Provide adequate human, financial and time resources in ensuring the effectiveness and sustainability of the waste management policy	Providing an efficient waste management system. To install sensors such as photocell sensors.
	Set up collection centres for different waste categories such as toxic waste.	Setting up a waste recycling centre. Setting up a centre for the treatment of organic and inorganic wastes

Categories	Strategies	Actions
Greenery and water bodies	Develop a green campus setting and infrastructure master plan	Conducting tree tagging awareness activities. Conducting tree replanting programs.
	Incorporate the requirement for green or vegetation areas in the new development	All new development must take into consideration the green environment by maintaining the green areas or vegetation areas of about 10% of the total new development area.

Strategies And Planning In Accordance To The Environmental Policy

Editorial Board Members

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