

# UNIVERSITI TEKNOLOGI MALAYSIA

UTM.J.02.02/10.12/2 Jld. 7 ( 46 )

16 Ogos 2020  
26 Zulhijjah 1441

## PEKELILING PENTADBIRAN BIL. 42/2020

### POLISI PELESTARIAN KAMPUS

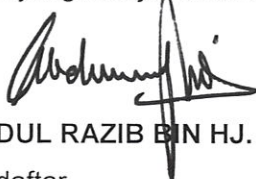
Sukacita dimaklumkan bahawa Mesyuarat Lembaga Pengarah Universiti Bil. 108 pada 14 Julai 2020 telah meluluskan versi terkini Polisi Pelestarian Kampus Universiti Teknologi Malaysia.

2. Polisi ini bertujuan untuk memastikan UTM berperanan sebagai entiti sohor kampus lestari menerusi pengurusan sumber secara bertanggungjawab dan mengoptimakan penggunaan sumber; pengurusan persekitaran dan pengurusan ekosistem secara inovatif; pengurusan tenaga yang cekap dan komitmen kepimpinan dan penglibatan menyeluruh masyarakat kampus, sejajar dengan pelan Matlamat Pembangunan Lestari (*Sustainable Development Goals* (SDGs)) peringkat nasional dan antarabangsa.
3. Polisi ini hendaklah dipatuhi dan dilaksanakan melalui inisiatif yang meluas dan berfokus di semua peringkat organisasi dan semua aktiviti Universiti.
4. Sehubungan dengan itu, seluruh warga Universiti adalah diminta untuk mengambil maklum akan Polisi Pelestarian Kampus terkini yang berkuat kuasa mulai tarikh pekeliling ini dikeluarkan.
5. Polisi ini boleh dimuat turun dari pautan <http://registrar.utm.my/governan/polisi/>.

Sekian, terima kasih.

**“Berkhidmat untuk Negara kerana Allah”**

Saya yang menandatangani amanah,



(ABDUL RAZIB BIN HJ. SHAHUDDIN)

Pendaftar

- s.k.
- Naib Canselor
  - Timbalan Naib Canselor (Pembangunan)
  - Timbalan Naib Canselor (Penyelidikan dan Inovasi)
  - Timbalan Naib Canselor (Akademik dan Antarabangsa)
  - Timbalan Naib Canselor (Hal Ehwal Pelajar)
  - Pro-Naib Canselor (Kampus UTM Kuala Lumpur)
  - Pengarah Pusat Penyelidikan UTM Pagoh
  - Pegawai-Pegawai Kanan/Dekan/Pengarah

MHYMT/kma



# **Polisi Pelestarian Kampus**

Nama Polisi : Polisi Pelestarian Kampus  
Nombor Polisi :  
Diluluskan Oleh : Lembaga Pengarah Universiti  
Tarikh Kuat Kuasa : 16 Ogos 2020  
Pautan Rasmi : <http://registrar.utm.my/governan/polisi/>

## SEKSYEN 1 : PENGENALAN

### 1.1 TUJUAN

Polisi ini bertujuan untuk memastikan UTM berperanan sebagai entiti sohor kampus lestari menerusi pengurusan sumber secara bertanggungjawab dan mengoptimalkan penggunaan sumber; pengurusan persekitaran dan pengurusan ekosistem secara inovatif; pengurusan tenaga yang cekap dan komitmen kepimpinan dan penglibatan menyeluruh masyarakat kampus, sejajar dengan pelan Matlamat Pembangunan Lestari (*Sustainable Development Goals* (SDGs)) peringkat nasional dan antarabangsa.

### 1.2 SKOP KUAT KUASA PEMAKAIAN POLISI

Polisi ini terpakai kepada semua Pusat Tanggungjawab di UTM.

### 1.3 DASAR DAN POLISI BERKAITAN

Dasar umum Universiti Teknologi Malaysia.

### 1.4 PRINSIP POLISI

Polisi ini hendaklah dipatuhi dan dilaksanakan melalui inisiatif yang meluas dan terfokus di semua peringkat organisasi dan dalam semua aktiviti Universiti.

### 1.5 DEFINISI

Perkataan/Istilah/singkatan	Definisi
Lestari ( <i>sustainable</i> )	1) melibatkan penggunaan produk semula jadi dan tenaga dalam cara yang tidak memudaratkan alam sekitar 2) yang boleh berterusan atau diteruskan untuk tempoh lama Rujukan:

	<p><i>Oxford Learner's Dictionary</i> [Online]. Available at: <a href="https://www.oxfordlearnersdictionaries.com/definition/english/sustainable?q=sustainable">https://www.oxfordlearnersdictionaries.com/definition/english/sustainable?q=sustainable</a> (Accessed: 7 January 2020)</p>
<p>Matlamat Pembangunan Lestari (<i>Sustainable Development Goals</i>)</p>	<p><i>The Sustainable Development Goals are the blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate change, environmental degradation, peace and justice. The 17 Goals are all interconnected, and in order to leave no one behind, it is important that we achieve them all by 2030.</i></p> <p>Rujukan:  <i>About the Sustainable Development Goals</i> [Online]. Available at: <a href="https://www.un.org/sustainabledevelopment/sustainable-development-goals/">https://www.un.org/sustainabledevelopment/sustainable-development-goals/</a> (Accessed: 7 January 2020)</p>

## 1.6 KONTEKS PERUNDANGAN

<b>Nama Dokumen</b>	<b>Klausa Rujukan</b>
Akta Universiti dan Kolej Universiti 1971	Seluruh Dokumen
Akta Kualiti Alam Sekeliling 1974	Seluruh Dokumen
Akta Kualiti Alam Sekeliling (Pindaan) 2007	Seluruh Dokumen
Akta Kualiti Alam Sekeliling (Pindaan) 2012	Seluruh Dokumen
Perlembagaan Universiti Teknologi Malaysia	Seluruh Dokumen
Statut Universiti Teknologi Malaysia	Seluruh Dokumen
Rancangan Malaysia Kesebelas	Seluruh Dokumen
<i>The 2030 Agenda for Sustainable Development</i>	Seluruh Dokumen

Dasar Alam Sekitar Negara 2002	Seluruh Dokumen
<i>Low Carbon Society Blueprint for Iskandar Malaysia 2025 - Summary for Policymakers</i>	Seluruh Dokumen
<i>Malaysia's Roadmap towards Zero Single-Use Plastics 2018-2030</i>	Seluruh Dokumen
Garis Panduan Perolehan Hijau Kerajaan 2.0	Seluruh Dokumen
<i>Green Technology Master Plan Malaysia 2017-2030</i>	Seluruh Dokumen
<i>Urban Stormwater Management Manual for Malaysia (MSMA 2nd Edition)</i>	Seluruh Dokumen
<i>National Policy on Biological Diversity 2016-2025</i>	Seluruh Dokumen

## SEKSYEN 2 : PERNYATAAN POLISI

UTM berhasrat menjadi model sebuah masyarakat lestari mengikut keupayaannya tersendiri dengan:

- i. Mensejajarkan pelan strategik Universiti dengan pelaksanaan SDGs, menerusi pembangunan model SDGs untuk memenuhi keperluan setempat;
- ii. Mengamalkan reka bentuk bangunan dan infrastruktur yang lestari melalui satu rangka kerja pembangunan lestari yang jelas untuk mencapai keberkesanan kos;
- iii. Mengoptimumkan pengurusan aset Universiti dan peluang perniagaan lestari untuk mencapai kos yang lebih efisien;
- iv. Mengurus bakat ke arah peningkatan kemahiran dan kecekapan untuk menyokong pelaksanaan SDGs;
- v. Mengurus kewangan secara lestari dan menyediakan perancangan peruntukan kewangan bagi kelancaran pelaksanaan polisi;
- vi. Menggunakan tenaga elektrik, air, hawa dingin, sumber pejabat dan kemudahan awam yang lain secara lestari;
- vii. Meminimumkan penjana sampah dan pencemaran melalui pengurusan sampah yang berkesan;

- viii. Menghapuskan pembungkusan makanan dan minuman yang tidak terbiodegradasi menerusi inisiatif Kampus Sifar Plastik Sekali-Guna;
- ix. Memaksimumkan guna semula sisa pepejal organik menerusi program *Waste-to-Wealth* dan *Fork-to-Farm*;
- x. Memulihara badan/sumber air, memperkayakan biodiversiti dan menggalakkan aktiviti perlindungan dan kawalan alam semulajadi;
- xi. Mengekalkan keseimbangan kawasan terbangun dan kawasan hijau untuk mencapai ekosistem kampus yang lestari;
- xii. Membudayakan amalan rendah karbon dalam kalangan masyarakat kampus menerusi perancangan Peta Penyahkarbonan Kampus;
- xiii. Memperkasa sistem pengangkutan awam dalam kampus untuk mengurangkan penggunaan kenderaan bermotor;
- xiv. Mempromosikan semangat kemasyarakatan, peningkatan kualiti kehidupan dan responsif kepada konteks tempatan dan global dalam mendokong aspirasi kelestarian;
- xv. Menerapkan integriti dan nilai etika menerusi aktiviti kesukarelawanan dan keterlibatan berterusan dengan semua lapisan masyarakat; dan
- xvi. Membudayakan gaya hidup sihat dan memupuk kesejahteraan rohani dalam persekitaran yang selamat dan kondusif.

### **SEKSYEN 3 : PELAKSANA POLISI**

#### **PUSAT TANGGUNGJAWAB BERKAITAN**

<b>Bil.</b>	<b>PTJ</b>
1.	Semua Pusat Tanggungjawab

## SEKSYEN 4 : TADBIR URUS

### 4.1 PEMILIK POLISI DAN PENGURUS DOKUMEN POLISI

<b>Pemilik dan Penguatkuasa Polisi</b>	Pejabat Pelestarian Kampus
<b>Pengurus Dokumen Polisi</b>	Ketua Seksyen Governans

### 4.2 KAEDAH PEMANTAUAN DAN HEBAHAN

<b>Pemantauan dan Penambahbaikan (CQI)</b>	<p>Pelaksanaan polisi ini dipantau oleh Jawatankuasa Pemandu (seperti diputuskan oleh Mesyuarat Jawatankuasa Pengurusan Universiti bertarikh 3 Februari 2020).</p> <p>Penambahbaikan kepada polisi akan dikaji setiap lima tahun melalui maklum balas daripada Pusat Tanggungjawab.</p>
<b>Penyiaran / Hebahan Polisi</b>	Polisi ini dihebahkan melalui pekeliling pentadbiran Universiti.

### 4.3 KAWALAN VERSI DAN KRONOLOGI PERUBAHAN

No Versi	Tarikh Diluluskan	Diluluskan oleh	Pindaan
1.0	23 Ogos 2010		
1.1	14 Julai 2020	Mesyuarat Lembaga Pengarah Universiti	Pertama



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## ADMINISTRATIVE CIRCULAR NO. 42/2020

### CAMPUS SUSTAINABILITY POLICY


We are pleased to inform that the University Board of Directors Meeting No. 108 on 14 July 2020 has approved the latest version of the Campus Sustainability Policy, Universiti Teknologi Malaysia.

2. This policy aims to ensure that UTM acts as a prestigious sustainable campus entity through responsible resource management and optimizing resource utilization; innovative environmental and ecosystem management; efficient energy management and leadership commitment and overall involvement of the campus community, in line with the Sustainable Development Goals (SDGs) at the national and international levels.
3. This policy should be adhered to and implemented through extensive and focused initiatives at all levels of organization and all University activities.
4. In this regard, all University community are requested to take note of the latest Campus Sustainability Policy which is effective from the date this circular is issued.
5. This policy can be downloaded from the link <http://registrar.utm.my/governan/polisi/>.

Thank you.

**“Berkhidmat untuk Negara kerana Allah”**

I, who uphold trust,

  
(ABDUL RAZIB BIN HJ. SHAHUDDIN)  
Registrar

- c.c. - Vice-Chancellor  
- Deputy Vice-Chancellor (Development)  
- Deputy Vice-Chancellor (Research and Innovation)  
- Deputy Vice-Chancellor (Academic and International)  
- Deputy Vice-Chancellor (Student Affairs)  
- Pro-Vice-Chancellor (UTM Kuala Lumpur)  
- Director Research Centre – UTM Pagoh  
- Senior Officers / Deans / Directors

MHYMT/kma



# **Campus Sustainability Policy**

Name of Policy	:	Campus Sustainability Policy
Policy Number	:	
Approved by	:	University Board of Directors
Effective date	:	16 August 2020
Official Link	:	<a href="http://registrar.utm.my/governan/polisi/">http://registrar.utm.my/governan/polisi/</a>

## SECTION 1 : INTRODUCTION

### 1.1 PURPOSE

This policy aims to ensure that UTM acts as a prestigious sustainable campus entity through responsible resource management and optimizing resource utilization; innovative environmental and ecosystem management; efficient energy management and leadership commitment and overall involvement of the campus community, in line with the plan of Sustainable Development Goals (SDGs) at the national and international levels.

### 1.2 SCOPE ON THE ENFORCEMENT AND APPLICATION OF POLICY

This policy applies to all Responsibility Centers at UTM.

### 1.3 RELATED POLICIES

General policies of Universiti Teknologi Malaysia.

### 1.4 POLICY PRINCIPLES

This policy should be adhered to and implemented through extensive and focused initiatives at all levels of the organization and in all University activities.

### 1.5 DEFINITIONS

Words / Terms / Acronyms	Definition
Sustainable	<p>1) involves the use of natural products and energy in ways that are not harmful to the environment</p> <p>2) which can be continuous or continued for a long period of time</p> <p>Reference: Oxford Learner's Dictionary [Online]. Available at: <a href="https://www.oxfordlearnersdictionaries.com/definition/en">https://www.oxfordlearnersdictionaries.com/definition/en</a></p>

	<a href="https://www.un.org/sustainabledevelopment/sustainable-development-goals/">glish/sustainable?q=sustainable</a> (Accessed: 7 January 2020)
Aim of Sustainable Development Goals	<p>The Sustainable Development Goals are the blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate change, environmental degradation, peace and justice. The 17 Goals are all interconnected, and in order to leave no one behind, it is important that we achieve them all by 2030.</p> <p>Reference: About the Sustainable Development Goals [Online]. Available at: <a href="https://www.un.org/sustainabledevelopment/sustainable-development-goals/">https://www.un.org/sustainabledevelopment/sustainable-development-goals/</a> (Accessed: 7 January 2020)</p>

## 1.6 LEGAL CONTEXT

Name of Document	Reference Clause
Universities and University Colleges Act 1971	Entire Document
Environmental Quality Act 1974	Entire Document
Environmental Quality Act (Amendment) 2007	Entire Document
Environmental Quality Act (Amendment) 2012	Entire Document
Constitution of Universiti Teknologi Malaysia	Entire Document
Statute of Universiti Teknologi Malaysia	Entire Document
Eleventh Malaysia Plan	Entire Document
The 2030 Agenda for Sustainable Development	Entire Document
National Environmental Policy 2002	Entire Document

Low Carbon Society Blueprint for Iskandar Malaysia 2025 - Summary for Policymakers	Entire Document
Malaysia's Roadmap towards Zero Single-Use Plastics 2018-2030	Entire Document
Government Green Procurement Guidelines 2.0	Entire Document
Green Technology Master Plan Malaysia 2017-2030	Entire Document
Urban Stormwater Management Manual for Malaysia (MSMA 2nd Edition)	Entire Document
National Policy on Biological Diversity 2016-2025	Entire Document

## SECTION 2: POLICY STATEMENT

UTM aims to be a model of a sustainable society according to its own capabilities by:

- i. Align the University's strategic plan with the implementation of the SDGs, through the development of SDGs models to meet local needs;
- ii. Adopt sustainable building and infrastructure design through a clear sustainable development framework to achieve cost effectiveness;
- iii. Optimizing University asset management and sustainable business opportunities to achieve more efficient costs;
- iv. Manage talent towards improving skills and competencies to support the implementation of the SDGs;
- v. Manage finances sustainably and provide financial allocation planning for the smooth implementation of policies;
- vi. Use electricity, water, air conditioning, office resources and other public facilities sustainably;
- vii. Minimize waste generation and pollution through effective waste management;
- viii. Eliminate the packaging of non-biodegradable food and beverages through the One-Use Plastic Zero Campus initiative;

- ix. Maximize the reuse of organic solid waste through the Waste-to-Wealth and Fork-to-Farm program;
- x. Conserve body / water resources, enrich biodiversity and promote environmental protection and control activities;
- xi. Maintain a balance of developed areas and green areas to achieve a sustainable campus ecosystem;
- xii. Cultivating low carbon practices among the campus community through the planning of a Decarbonized Campus Map;
- xiii. Strengthen the on-campus public transport system to reduce the use of motor vehicles;
- xiv. Promoting community spirit, quality of life improvement and responsiveness to local and global contexts in support of sustainability aspirations;
- xv. Inculcate integrity and ethical values through volunteer activities and ongoing involvement with all walks of life; and
- xvi. Cultivate a healthy lifestyle and cultivate spiritual well-being in a safe and conducive environment.

**SECTION 3: POLICY IMPLEMENTATION**

**RELATED RESPONSIBILITY CENTER**

No.	RESPONSIBILITY CENTER
1.	All Responsibility Center

## SECTION 4: GOVERNANCE

### 4.1 POLICY OWNER AND POLICY DOCUMENT MANAGER

<b>Owner and Policy Enforcement</b>	UTM Campus Sustainability
<b>Policy Document Manager</b>	Head of Governance Section

### 4.2 METHOD OF MONITORING AND ANNOUNCEMENT

<b>Continuous Quality Improvement (CQI)</b>	<p>The implementation of this policy is monitored by the Steering Committee (as decided by the University Management Committee Meeting dated 3 February 2020).</p> <p>Improvements to the policy will be reviewed every five years through feedback from the Responsibility Center.</p>
<b>Announcement Policy</b>	This policy is announced through the University administrative circular.

### 4.3 VERSION CONTROL AND CHRONOLOGY OF CHANGES

<b>Version No.</b>	<b>Approved date</b>	<b>Approved by</b>	<b>Amendment</b>
1.0	23 August 2010		
1.1	14 July 2020	University Board of Directors Meeting	First