

THE MINISTRY OF RESEARCH, TECHNOLOGY, AND HIGHER EDUCATION
UNIVERSITAS SUMATERA UTARA
Jalan dr. T. Mansur No. 9, Kampus USU, Medan 20155
Phone: 061-8211633, 8215937, Fax: 061-8219411, 8211822, 8215937

DECREE OF THE RECTOR
UNIVERSITAS SUMATERA UTARA
NUMBER: 3/2019
ON
THE IMPLEMENTATION OF GREEN CAMPUS MOVEMENT AT
UNIVERSITAS SUMATERA UTARA

WITH THE BLESSING OF THE ALMIGHTY GOD
THE RECTOR OF UNIVERSITAS SUMATERA UTARA

Considering:

- a. that in order to organize the Tridharma Perguruan Tinggi (Three Principles of Education) at Universitas Sumatera Utara (USU) as it is specified in the Statute and the Strategic Plan of USU in the period of 2020-2024, it is necessary to implement Green Campus Movement;
- b. that in order to insure the sustainability and to utilize natural resources efficiently, it is necessary to utilize energy resources wisely, efficiently, and effectively in order to achieve harmony in development, equalization, and environmental conservation;
- c. that energy resources play a very important role in achieving sustainable national development;
- d. that Universitas Sumatera Utara as a higher education institution has the capacity to develop sustainable scientific knowledge requires support from environmentally friendly and socially campus environment in implementing Tridharma Perguruan Tinggi;
- e. that Universitas Sumatera Utara is a university which is expected to be a “Campus Hijau” (Green Campus) in which one of its programs is energy and water conservation;
- f. that in fulfilling points a, b, c, d, and e above, it is necessary to organize the Implementation of Green Campus Movement at Universitas Sumatera Utara.

In view of:

1. Law No. 20/2003 on the National Education System (the State Gazette No. 78/2003 and Additional State Gazette No. 4301);
2. Law No. 12/2012 on Higher Education;
3. Government Regulation No. 16/2014 on the Statute of Universitas Sumatera Utara;
4. Presidential Decree No. 70/2009 on Energy Conservation;
5. Presidential Instruction No. 13/2011 on Energy and Water Conservation;
6. The Decree of the Minister of Energy and Mineral Resources No. 12/2012 on the Control of Utilizing Oil Fuel;
7. The Decree of the Minister of Energy and Mineral Resources No. 13/2012 on Electrical Power Conservation;
8. The Decree of the Minister of Energy and Mineral Resources No. 14/2012 on Energy Management;
9. The Decree of the Minister of Energy and Mineral Resources No. 15/2012 on Groundwater conservation;
10. The Instruction of the Minister of Research, Technology, and Higher Education No. 1/M/INS/2019 on Prohibition to Utilize Single-Use Plastic Drinking Water Packaging and/or Plastic Bags at the Ministry of Research, Technology, and Higher Education.

DECIDE

To Stipulate: The Implementation of the Green Campus Movement at Universitas Sumatera Utara

CHAPTER I GENERAL PROVISIONS

Part One Definitions Article 1

In this regulation, the following terms are defined as follows:

1. **University** refers to Universitas Sumatera Utara with the status of PTNBH (State Higher Education with Legal Entity);
2. **President** refers to a leader of an organization, a company, a university, or a state;
3. **Minister** refers to the Minister responsible for government affairs in the field of research, technology, and higher education;
4. **MWA (Board of Trustees)** refers to a university organ that organizes and establishes university's general policy;
5. **Rector** refers to the leader of Universitas Sumatera Utara who is in charge of administering and managing the university;
6. **Work Unit** refers to all Organizational Units of the Universitas Sumatera Utara that consist of faculties and non-faculty entities;
7. **Energy Conservation** refers to the efficient use of energy where the same benefits are achieved by using less energy or by decreasing consumptions and any activities which use energy;
8. **BBM (Oil Fuel)** refers to the liquid fuel which is commonly used for vehicles;
9. **Ecology** refers to any practices which minimize the destructive impacts on environment by integrating with the process concerning living organisms;;
10. **RTH (Green Open Space)** refers to an elongated area in the form of a corridor and/or a grouped area which is primarily open, serving as a habitat for plants, whether they are natural or intentionally planted.
11. **RTB (Blue Open Space)** refers to mandatory zone for establishing ecological environment in an area that functions as a water reservoir (such as ponds, lakes, rivers, etc.), tourism, electric power generators, and major transportation facilities;
12. **Energy** refers to any physical property of an object that can be transferred through fundamental interactions and that an change its form but cannot be created or destroyed;
13. **Electric power** refers to the primary energy needed for electrical equipment/energy stored in electric current;
14. **Mineral Resources** refer to all reserves of mineral materials found in the earth that can be used for human needs;
15. **Groundwater** refers to water found in the soil or rock layers beneath the earth surface;

16. **Green Campus** refers to a campus which utilizes energy efficiency with low emissions, conserves resources, increases environmental quality by educating its members to live healthily, and creating learning environment favorably and sustainably;
17. **Subsidy** refers to any financial assistance given to a business or economic sector;
18. **Solar Energy** refers to energy in the form of light and heat from the sun;
19. **Rain Harvesting** refers to collecting, storing, and distributing rainwater from roofs to be used in and outside of homes and businesses;
20. **Exhaust Emission** refers to residues from the combustion of fuels in the internal combustion engines and external ones, as well as jet machines released through exhaust system;
21. **State Owned Vehicles** refer to any motor vehicles used by state officials, government employees, TNI (National Army members), and police officers in carrying out their duties and functions.
22. **Halte** refers to a place for the stops of railroad, trams, bicycles, or buses (usually they have roofed waiting areas, but they are smaller than stations);
23. **B3 (Hazardous Toxic) Waste** refers to substances or other materials which can endanger human life, the survival of other creatures, and the environment in general. Because of its properties, these hazardous and poisonous substances need special handling;
24. **Secretariat** refers to an organizational unit or an institution which provides office services in administrative field;
25. **Soft Copy** refers to documents which have been made by using computers (docx, xisx, ppts, and other formats);
26. **Hardcopy** refers to a document in a physical object or form.

Part Two Scope

Article 2

The scope of Green Campus Movement includes the implementation of activities of each of the Work Units at Universitas Sumatera Utara.

Part Three Objectives

Article 3

1. The implementation of the Green Campus Movement is intended to strengthen the active role of academic community at Universitas Sumatera Utara;
2. The implementation of the Green Campus Movement is aimed at:

- a. aligning perception on the Green Campus Movement among the Work Units at Universitas Sumatera Utara;
- b. implementing efficiency in using energy and water resources at Universitas Sumatera Utara;
- c. providing more green open spaces for greening and maintaining the environment and, at the same time, sustainable energy at Universitas Sumatera Utara.

Part Four
The Principles of Green Campus Movement

Article 4

In order to increase the interest and commitment and to encourage the active role of the Work Units at Universitas Sumatera Utara, as well as to achieve the organization's goal, the Green Campus Movement is organized by considering the following principles:

1. Ecological design components in environment:
 - a. Water resource management;
 - b. Urban landscape;
 - c. Waste management;
 - d. Transportation management;
 - e. Sustainable technological management
2. Economic components:
 - a. Strategy of economic power from sustainable development and the changes in its use;
 - b. Policy on employment-housing and capital structure of its maintenance;
 - c. The loss of RTH (Green Open Spaces) and RTB (Blue Open Spaces);
 - d. The impact of pollution;
 - e. The impact of traffic congestion.
3. Socio-Cultural Components:
 - a. Enhancing the participation of academic community;
 - b. Developing local knowledge and local wisdom basis;
 - c. Assessing the sustainability level of the academic community.

CHAPTER II POLICY BASIS

Part One USU Strategic Plan

Article 5

The strategic plan of Universitas Sumatera Utara in the period of 2020—2024 is the Second Phase of the university's long term plan of 2015-2039.

Part Two Funding Source

Article 6

1. Funding source in the Green Campus Movement at Universitas Sumatera Utara is based on the funds for the university that do not originate from the government/non-PNBP;
2. Because the funding does not come from the government/Non-PNBP, its use and allocation are regulated by the Decree of the Rector No. 5/2017 on Funding for the Universitas Sumatera Utara which does not originate from the Government.

CHAPTER III GREEN CAMPUS MOVEMENT

Part one Mechanism for Implementing Green Campus Movement

Article 7

1. Saving energy and water is implemented maximally throughout the campus of Universitas Sumatera Utara in order to support the National Program of Saving Energy and Green Campus Movement of the Universitas Sumatera Utara. The target which will be achieved includes 20% reduction in electricity consumption, 10% reduction in water usage, and control of subsidized fuel usage for official vehicles as the national target;
2. The implementation of saving energy and water is done throughout the campus of Universitas Sumatera Utara through the attempt to save electrical fuel, ad

water by adhering to the Decree of the Minister of Energy and Mineral Resources on saving 20% of electricity, 10% of water, and the control of subsidized fuel usage for official vehicles;

3. The implementation of electricity saving is done throughout the campus of Universitas Sumatera Utara through the following activities:
 - a. Promoting the use of environmentally friendly environment and energy-efficient lighting;
 - b. Using lighting according to the needs while maximizing the use of natural light over electric lighting;
 - c. Turning off electrical power (lights and other electrical appliances) when work in rooms is completed;
 - d. Maintaining electrical network/installations as needed regularly and periodically according to the need, and fixing any damages in electric network;
 - e. Promoting diversification of energy resources such as using solar energy (solar cells, wind, biogas, and other renewable energy resources);
 - f. Encouraging the use of environmentally friendly and resource-efficient .electronic machines/equipment;
 - g. Operating elevators during rush hours, and operate them only as necessary;
 - h. Operating air conditions from 8:00 A.M. to 5:00P.M. or during working hours at a room temperature of 23°C to 25°C. Besides that, insure that all doors and windows are closed while the air conditions are on;
4. Water resource savings implemented throughout the campus of Universitas Sumatera Utara should be through the following activities:
 - a. Saving on the use of water in bathrooms by doing measured flush volumes;
 - b. Using installation equipment/water flow which is environmentally friendly and resource-efficiently;
 - c. Taking care of water installation/flow regularly and periodically and fix any leaking/damaging in water supply;
 - d. Saving water resources through reuse practices such as rain harvesting, and so on.
5. Steps for controlling fuel usage and exhaust emissions should be done throughout the campus of Universitas Sumatera Utara through the following activities:
 - a. Encouraging official vehicles at Universitas Sumatera Utara no to use subsidized premium fuel;
 - b. Filing the data of all official vehicles and the types of fuel;
 - c. Regulating fuel efficiency for all official vehicles at Universitas Sumatera Utara;
 - d. Activating Campus Bicycles and establish bicycle lanes at Universitas Sumatera Utara;

- e. Maintaining and fixing bicycle stops and stations at Universitas Sumatera Utara;
 - f. Reducing the use of motorcycles, both four-wheeled and two-wheeled ones by utilizing intercity buses, campus bicycles, and parking lots at Universitas Sumatera Utara.
6. Prohibit the use of single-use plastic drinking water packaging and/or plastic bags at Universitas Sumatera Utara.
 7. Paper usage savings should be implemented at the campus of the Universitas Sumatera Utara through the following activities:
 - a. Using HVS paper efficiently
 - b. Encouraging the use of paper in both sides;
 - c. Saving tissue paper.
 8. Do waste segregation and classify D3 (hazardous and toxic waste) according to their types for facilitate transportation and management process at the TPST (Integrated Waste Management Site) of the Universitas Sumatera Utara;
 9. Submit monthly reports on energy usage (electricity, water, gas, telephones, and fuel) prior to the 20th of each month. Soft Copy of data should be sent via e-mail to sirenbang@usu.ac.id, and hardcopy reports should be submitted to the USU Green Campus Secretariat (Bureau of Information Systems, Planning, and Development which will then be reported to the Rector of the Universitas Sumatera Utara.

CHAPTER VI CLOSING REMARKS

Article 8

The Decree of the Rector of the Universitas Sumatera Utara shall be in effect since the date of its enactment, and any errors in this regulation will be corrected as necessary.

Enacted in Medan
on the date of the 2^{8th} of October, 2019

signed and stamped,

Prof. Dr. Runtung, SH., M.Hum
NIP. 195611101985031022