



**Translated copy**

REGULATION OF THE RECTOR OF  
UNIVERSITAS PADJADJARAN

NUMBER 29 OF 2021

CONCERNING

ENERGY CONSERVATION DEVELOPMENT PROGRAM  
AT UNIVERSITAS PADJADJARAN

BY THE MERCY OF GOD ALMIGHTY  
RECTOR OF UNIVERSITAS PADJADJARAN

- Considering :
- a. That in order to ensure the sustainability of and to utilize natural resources efficiently, it is deemed necessary to use energy sources wisely, efficiently, and effectively in order to achieve a balance between development, equity, and preservation of the environment;
  - b. That energy sources have a very important role in realizing sustainable national development;
  - c. That Universitas Padjadjaran as a Higher Education Institution has the capacity to develop sustainable science, technology, and arts that builds support for a friendly and social campus environment in developing the implementation of the *Tridharma Perguruan Tinggi* (Three Pillars of Higher Education);
  - d. That Universitas Padjadjaran is a university that tries to organize a Green Campus;
  - e. That based on points a, b, c, and d above, it is necessary to stipulate the Rector Regulation of Universitas Padjadjaran.
- In view of :
1. Law of the Republic of Indonesia Number 28 of 2002 on Buildings (Undang-Undang Republik Indonesia Nomor 28 Tahun 2002 tentang Bangunan Gedung (State Gazette of the Republic of Indonesia of 2002 Number 134, Supplement to State Gazette of the Republic of Indonesia Number 4247) as amended by Law Number 11 of 2020 on Job Creation (State Gazette of the Republic of Indonesia of 2020 Number 245, Supplement to the State Gazette of the Republic of Indonesia Number 6573);
  2. Law of the Republic of Indonesia Number 20 of 2003 on National Education System (State Gazette of the Republic of Indonesia of 2003 Number 78, Supplement to State Gazette of the Republic of Indonesia Number 4301));
  3. Law Number 17 of 2004 concerning the Ratification of Kyoto Protocol To The United Nations Framework Convention On Climate Change (State Gazette of 2004 Number 72, Supplement to State Gazette Number 4403);
  4. Law of the Republic of Indonesia Number 26 of 2007 concerning Spatial Management (State Gazette of the Republic of Indonesia of 2007 Number 68, Supplement to the State Gazette of the Republic of Indonesia Number 4725 as amended by State Gazette of the Republic of Indonesia of 2020 Number 245, Supplement to the State Gazette of the Republic of Indonesia Number 6573);

5. Law of the Republic of Indonesia Number 30 of 2007 concerning Energy (State Gazette of the Republic of Indonesia of 2007 Number 96, Supplement to the State Gazette of the Republic of Indonesia Number 4746);
6. Law of the Republic of Indonesia Number 32 of 2009 on Environmental Protection and Management (State Gazette of the Republic of Indonesia of 2009 Number 140, Supplement to State Gazette of the Republic of Indonesia Number 5059);
7. Law of the Republic of Indonesia Number 12 of 2012 concerning Higher Education (State Gazette of the Republic of Indonesia of 2012 Number 158, Supplement to State Gazette of the Republic of Indonesia Number 5336);
8. Government Regulation Number 37 of 1957 concerning the Establishment of Universitas Padjadjaran (State Gazette of the Republic of Indonesia of 1957 Number 91, Supplement to the State Gazette of the Republic of Indonesia Number 1422);
9. Government Regulation of the Republic of Indonesia Number 70 of 2009 on Energy Conservation (State Gazette of the Republic of Indonesia of 2009 Number 171, Supplement to the State Gazette of the Republic of Indonesia Number 5083);
10. Government Regulation of the Republic of Indonesia Number 17 of 2010 concerning Management and Implementation of Education (State Gazette of the Republic of Indonesia of 2010 Number 23, Supplement to the State Gazette of the Republic of Indonesia Number 5105) as amended by Government Regulation of the Republic of Indonesia Number 66 of 2010 concerning Amendment to Government Regulation Number 17 of 2010 concerning Management and Implementation of Education (State Gazette of the Republic of Indonesia of 2010 Number 112, Supplement to the State Gazette of the Republic of Indonesia Number 5157);
11. Government Regulation Number 80 of 2014 on the Determination of Universitas Padjadjaran as a Legal Entity State University (State Gazette of the Republic of Indonesia of 2014 Number 301);
12. Government Regulation of the Republic of Indonesia Number 26 of 2015 on Funding Forms and Mechanisms of Legal Entity State Universities (State Gazette of the Republic of Indonesia of 2015 Number 110, Supplement to State Gazette of the Republic of Indonesia Number 5699)
13. Government Regulation Number 51 of 2015 on the Statute of Universitas Padjadjaran (State Gazette of the Republic of Indonesia of 2015 Number 169, Supplement to the State Gazette Number 5720);
14. Government Regulation of the Republic of Indonesia Number 21 of 2021 on Implementation of Spatial Planning (State Gazette of the Republic of Indonesia of 2021 Number 31, Supplement to State Gazette of the Republic of Indonesia Number 6633);
15. Presidential Regulation Number 61 of 2011 concerning National Action Plan for Reducing Greenhouse Gas Emissions;
16. Presidential Regulation of the Republic of Indonesia Number 71 of 2012 concerning the Implementation of Land Procurement for Development in the Public Interest (State Gazette of the Republic of Indonesia of 2012 Number 156);
17. Regional Regulation of West Java No. 22 of 2010 on West Java Regional Spatial Planning for the 2009-2029 period;
18. Board of Trustees Regulation Number 1 of 2020 concerning Investment Management, Business Activities, and Investment Supervision at Universitas Padjadjaran;

19. Decree of the Minister of Research, Technology, and Higher Education Number 137/M/KP/IV/2015 on the Appointment of the Rector of Universitas Padjadjaran for the 2015-2019 Period;
20. Rector Regulation Universitas Padjadjaran Number 1 of 2020 on the Organizational Structure and Management of Universitas Padjadjaran;

HAS DECIDED:

To stipulate : RECTOR REGULATION OF UNIVERSITAS PADJADJARAN CONCERNING ENERGY CONSERVATION DEVELOPMENT PROGRAM AT UNIVERSITAS PADJADJARAN.

## CHAPTER I

### GENERAL PROVISIONS

#### Article 1

In this Rector Regulation, the terms referred to as:

1. Energy Conservation is a systematic, planned, and integrated effort to conserve domestic energy resources and improve the efficiency of their utilization.
2. Energy is the ability to do work which can be in the form of heat, light, mechanics, chemistry, and electromagnetics.
3. Energy resources are natural resources that can be utilized, both as a source of energy and as energy.
4. New energy sources are energy sources that can be produced by new technologies, both from renewable energy sources and non-renewable energy sources, including nuclear, hydrogen, coal bed methane, liquefied coal, and gasified coal.
5. New energy is energy that comes from new energy sources.
6. Renewable energy sources are sources of energy produced from sustainable energy resources if managed properly, including geothermal, wind, bioenergy, sunlight, water flows and waterfalls, as well as movement and temperature differences of sea layers.
7. Renewable energy is energy that comes from renewable energy sources.
8. Non-renewable energy sources are sources of energy produced from energy resources that will run out if exploited continuously, including burning oil, natural gas, coal, peat, and bitumen shale.
9. Non-renewable energy is energy that comes from non-renewable energy sources.
10. Environment is the unity of spaces with all objects, forces, conditions, and living things, including humans and their behaviors, which affect nature itself, the continuity of life, and the welfare of humans and other living things.
11. Sustainable development is a conscious and planned effort that integrates environmental, social, and economic aspects into a development strategy to ensure the integrity of the environment as well as the safety, capability, welfare, and quality of life of present and future generations.
12. Education is a conscious and planned effort to create a learning atmosphere and learning process so that students effectively develop their potential to have religious spiritual strength, self-control, personality, intelligence, noble character, and skills needed by themselves, the society, nation, and country.
13. Higher Education is the level of education after secondary education which includes diploma programs, undergraduate programs, master programs, doctoral programs, and professional programs, as well as specialist programs, organized by universities based on the Indonesian culture.
14. University is an educational unit that organizes Higher Education.
15. Legal Entity State University, hereinafter referred to as Legal Entity PTN, is a state university established by the Government with the status of an autonomous public legal entity.

16. Funding of Legal Entity PTN is the provision of financial resources for the implementation and management of Higher Education by Legal Entity PTN.
17. *Tridharma Perguruan Tinggi* (Three Pillars of Higher Education), hereinafter referred to as *Tridharma*, is the obligations of Universities to provide education, research, and community service.
18. Universitas Padjadjaran, hereinafter referred to as Unpad, is a legal entity state university.

## CHAPTER II

### PRINCIPLES, OBJECTIVES, AND SCOPE

#### First Part Principles

##### Article 2

The implementation of energy conservation at Universitas Padjadjaran is carried out based on the following principles:

- a. State responsibility;
- b. Sustainability;
- c. Cohesion;
- d. Benefit;
- e. Precaution;
- f. Participation;
- g. Ecoregion;
- h. Sustainable development.

#### Second Part Objectives

##### Article 3

Energy conservation at Universitas Padjadjaran aims to:

- a. Protect the territory of the Unitary State of the Republic of Indonesia and Universitas Padjadjaran from the potential of energy crisis;
- b. Maintain the preservation of environmental functions;
- c. Ensure the continuity of the life of living things and the preservation of the ecosystem;
- d. Control the utilization of natural resources wisely;
- e. Minimize environmental damage and/or pollution;
- f. implement the *Tridharma Perguruan Tinggi* (Three Pillars of Higher Education); and
- g. Contribute to the reduction of greenhouse gases and global environmental issues in the energy sector.

#### Third Part Scope

##### Article 4

Energy conservation at Universitas Padjadjaran University includes:

- a. Planning;
- b. Determination;
- c. Implementation;
- d. Maintenance;
- e. Supervision and monitoring; and
- f. Evaluation

## CHAPTER III

### RESPONSIBILITIES OF UNIVERSITAS PADJADJARAN

#### First Part General

##### Article 5

- (1) Energy conservation is the responsibility of Universitas Padjadjaran and the entire academic community of Universitas Padjadjaran.
- (2) The responsibility as referred to in paragraph (1) is carried out based on the master plan for energy conservation at Universitas Padjadjaran.

##### Article 6

- (1) The master plan for energy conservation at Universitas Padjadjaran is prepared and determined by the Minister.
- (2) The master plan for energy conservation at Universitas Padjadjaran contains at least the principles, objectives, policy points, programs, and energy conservation measures.
- (3) The preparation of the master plan for energy conservation at Universitas Padjadjaran is prepared by:
  - a. Paying attention to the inputs of academics who have relevant disciplines.
  - b. Referring to inputs from relevant agencies, local governments, business actors, and the society.
- (4) The master plan for energy conservation at Universitas Padjadjaran is made for a period of 5 (five) years and can be reviewed annually as needed.

#### Second Part Responsibilities of Universitas Padjadjaran

##### Article 7

Universitas Padjadjaran is responsible as the initiator of the development of energy conservation at Universitas Padjadjaran for:

- a. Developing and setting policies, strategies, and energy conservation programs at Universitas Padjadjaran.
- b. Developing quality human resources in the field of energy conservation.
- c. Conducting socialization thoroughly and comprehensively for the use of technology that implements energy conservation.
- d. Developing, determining, and allocating funds for the development and implementation of energy conservation at Universitas Padjadjaran.
- e. Facilitating technical guidance on energy conservation to the academic community at Universitas Padjadjaran
- f. Conducting coaching and supervision of the implementation of energy conservation programs at Universitas Padjadjaran.
- g. Preparing reports and carrying out gradual evaluations so that the implementation of energy conservation at Universitas Padjadjaran University runs progressively and better.

#### Third Part Responsibilities of the Academic Community of Universitas Padjadjaran

##### Article 8

The academic community of Universitas Padjadjaran is responsible for supporting and implementing energy conservation programs at Universitas Padjadjaran.

## CHAPTER IV

### IMPLEMENTATION OF ENERGY CONSERVATION AT UNIVERSITAS PADJADJARAN

#### First Part General

##### Article 9

- (1) The implementation of energy conservation covers all stages of energy management at Universitas Padjadjaran;
- (2) Energy management as referred to in paragraph (1) includes the following activities:
  - a. Energy supply;
  - b. Energy utilization; and
  - c. Conservation of energy resources.

#### Second Part Provision of Energy Conservation

##### Article 10

Universitas Padjadjaran seeks to carry out energy conservation with the following activities:

- a. Planning oriented to the use of energy-efficient technologies;
- b. Determination of facilities, infrastructure, and other requirements related to efficient energy use and energy conservation.

##### Article 11

- (1) Energy provision and conservation can use potential energies around Universitas Padjadjaran.
- (2) Potential energies as referred to in Article 11 paragraph (1) are as follows:
  - a. solar energy (solar heat) source;
  - b. wind energy source;
  - c. water energy source; and
  - d. biomass energy source, etc.

#### Third Part Utilization of Energy Conservation

##### Article 12

- (1) the utilization of energy by the academic community must be carried out sparingly and efficiently;
- (2) Universitas Padjadjaran conducts systematic energy management;
- (3) the systematic energy management as referred to in paragraph (2) is carried out by:
  - a. developing conservation programs;
  - b. the conservation program as referred to in point a contains information regarding the plans to be carried out; type and consumption of energy; energy conservation supporting equipment; and the number of products and/or services provided.
  - c. determining the amount of the target for the implementation of energy conservation every year and every five years as in the master plan for energy conservation at Universitas Padjadjaran;
  - d. striving for the progressiveness of energy conservation as stated in point b in stages;

- e. carrying out gradual and periodic energy audits;
- f. implementing recommendations from the results of energy audits; and
- g. reporting the implementation of energy conservation to the entire academic community of Universitas Padjadjaran.

Fourth Part  
Conservation of Energy Resources

Article 13

- (1) The Rector sets the energy conservation policy at Universitas Padjadjaran;
- (2) the energy conservation policy as referred to in paragraph (1) includes but is not limited to:
  - a. potential energy resources to be developed, cultivated, and provided;
  - b. the amount of energy resources needed and can be produced by Universitas Padjadjaran;
- (3) the energy conservation policy stipulated by the Rector as referred to in paragraph (1) also includes standardization of efficient technology application.

CHAPTER V

TRANSITION PROVISION

Article 14

The master plan for energy conservation at Universitas Padjadjaran is prepared and determined by taking into account inputs from government agencies, academics, and the academic community of Universitas Padjadjaran.

CHAPTER VI

CLOSING

Article 15

This Rector Regulation is valid since its stipulation.

Stipulated in Bandung  
On October 4, 2021

RECTOR,

SIGNATURE

RINA INDIASTUTI

This copy conforms to the original  
Director of Governance, Legal, and  
Communication of Universitas Padjadjaran



Isis Ikhwansyah