



YAYASAN GRIYA WINAYA GARUT

INSTITUT PENDIDIKAN INDONESIA

Jalan Terusan Pahlawan No.32 Sukagalih - Tarogong Kidul, Garut

Telp. (0262) 233556 Fax. (0262) 540469 Kode Pos : 44151

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REGULATION OF
THE RECTOR OF INSTITUT PENDIDIKAN INDONESIA
NOMOR 010/IPL.R/SK.KL/I/2025

CONCERNING
REDUCTION OF SCOPE 1, 2 AND 3 EMISSIONS
IN INSTITUT PENDIDIKAN INDONESIA

RECTOR OF INSTITUT PENDIDIKAN INDONESIA

Considering :

- a. that Institut Pendidikan Indonesia is committed to advancing sustainable practices and strengthening environmental responsibility within all campus operations;
- b. that the reduction of Scope 1, 2, and 3 greenhouse gas emissions is necessary to support environmental sustainability, energy efficiency, and responsible resource management;
- c. that based on the considerations as referred to in points a and b, it is necessary to establish a regulation of the Rector of Institut Pendidikan Indonesia regarding strategies, targets, and implementation mechanisms to reduce Scope 1, 2, and 3 emissions within the scope of Institut Pendidikan Indonesia Garut and to achieve the university's Net Zero Emission 2042 commitment.

In View of :

1. Law No. 12 of 2012 concerning Higher Education
2. Law No. 20 of 2003 concerning the National Education System
3. Government Regulation No. 4 of 2014 concerning the Implementation of Higher Education and Management of Universities
4. Minister of Education, Culture, Research, and Technology Regulation No. 53 of 2023 concerning Quality Assurance in Higher Education
5. Decree of the Ministry of Research, Technology, and Higher Education No. 635 / KPT/I/2017 regarding the change of status of STKIP Garut to Institut Pendidikan Indonesia (IPI)
6. Articles of Association and Bylaws of Yayasan Griya Winaya Garut
7. Statute of Institut Pendidikan Indonesia Garut



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8. Quality Manual ISO 21001:2018 and ISO 9001:2015 of IPI Garut

HAS DECIDED

To stipulate : REGULATION OF THE RECTOR OF INSTITUT PENDIDIKAN INDONESIA GARUT CONCERNING THE REDUCTION OF SCOPE 1, 2 AND 3 EMISSIONS IN INSTITUT PENDIDIKAN INDONESIA

CHAPTER I GENERAL PROVISIONS

Article 1 Definitions

1. Scope 1 Emissions are direct greenhouse gas emissions from sources owned or controlled by the university, including combustion of fossil fuels in campus facilities and vehicles.
2. Scope 2 Emissions are indirect greenhouse gas emissions from the consumption of purchased electricity, steam, heating, or cooling.
3. Scope 3 Emissions are all other indirect greenhouse gas emissions that occur as a consequence of university activities but arise from sources not owned or directly controlled by the university, including but not limited to commuting, purchased goods and services, waste management, and business travel.
4. Reduction Target refers to the measurable goal of decreasing Scope 1, 2, and 3 emissions, expressed in percentage relative to the baseline year.
5. Sustainability Committee refers to the university body responsible for monitoring, evaluating, and reporting on sustainability initiatives and emission reductions.

CHAPTER II OBJECTIVES

Article 2 Objectives

The objectives of this regulation are:

1. To reduce the university's Scope 1, 2, and 3 greenhouse gas emissions in alignment with internationally recognized sustainability principles;
2. To integrate environmental sustainability into campus operations, energy consumption, procurement processes, and stakeholder behavior;



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3. To establish accountability, reporting, and transparency mechanisms for emission reductions;
- d. To support the achievement of the university's Net Zero Emission commitment.

CHAPTER III OBLIGATIONS AND RESPONSIBILITIES

Article 3 Rector

1. The Rector shall issue strategic directives, approve action plans, and allocate resources for emission reduction initiatives.
2. The Rector shall report annually to the University Senate on progress toward emission reduction targets.

Article 4 Sustainability Committee

1. The Committee shall:
 - a. Develop and maintain a university-wide greenhouse gas inventory;
 - b. Recommend emission reduction strategies and technologies;
 - c. Monitor and evaluate compliance with this regulation;
 - d. Prepare annual sustainability and emission reduction reports.

Article 5 Faculties, Departments, and Units

1. All university faculties, departments, and administrative units are required to implement energy efficiency measures and emission reduction initiatives in line with university policies.
2. Units shall submit quarterly progress reports to the Sustainability Committee.



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CHAPTER IV

EMISSION REDUCTION TARGETS AND MEASURES

Article 6

Baseline and Reduction Targets

1. The university's baseline for Scope 1, 2, and 3 emissions is measured and established in the year 2025.
2. The university aims to reduce emissions by at least 50% relative to the established baseline year 2025, in accordance with the Net Zero Emission roadmap.
3. The Rector may adjust interim targets based on technological developments, financial feasibility, regulatory changes, and emerging sustainability best practices, while maintaining consistency with the long-term Net Zero Emission commitment.

Article 7

Reduction Measures

1. Scope 1 – Direct GHG Emissions
 - a. Optimize the use of university vehicles through route planning, fuel-efficient driving, and vehicle sharing programs.
 - b. Replace diesel or gasoline generators with lower-carbon alternatives or renewable energy sources where feasible.
 - c. Implement regular maintenance schedules to ensure optimal fuel efficiency of all direct emission sources.
 - d. Optimize campus vehicle fleets to reduce fuel consumption and emissions.
2. Scope 2 – Electricity Indirect GHG Emissions
 - a. Transition to renewable electricity sources, including solar, wind, or other low-carbon energy options.
 - b. Enhance energy efficiency in buildings, laboratories, and campus facilities to reduce electricity consumption.
 - c. Promote behavioral change programs among staff and students to optimize energy use.
 - d. Implement energy efficiency upgrades for buildings, laboratories, and campus facilities, including lighting, HVAC systems, and equipment.
 - e. Transition to low-carbon or renewable energy sources for electricity and heating where feasible
3. Scope 3 – Other Indirect GHG Emissions
 - a. Promote sustainable procurement practices that prioritize low-carbon, resource-efficient goods and services.
 - b. Reduce emissions from business travel and academic mobility through virtual meetings, low-carbon transport options, and travel optimization.
 - c. Encourage low-carbon commuting by staff and students, including public transport, cycling, walking, and carpooling.



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- d. Implement waste reduction, reuse, and recycling programs to minimize emissions from waste management.
4. Sustainable Mobility & Campus Practices
 - a. Promote sustainable commuting options for staff and students, including public transport, cycling, and carpooling.
 - b. Implement green mobility programs to minimize carbon footprint from campus operations.

CHAPTER V MONITORING AND REPORTING

Article 8 Monitoring

1. The Sustainability Committee shall establish monitoring protocols and key performance indicators (KPIs) for emissions.
2. Regular audits of energy consumption, fuel use, and emission data shall be conducted to ensure compliance.

Article 9 Reporting

1. The Sustainability Committee shall submit an annual report to the Rector
2. The report shall be publicly available and communicated to stakeholders to maintain transparency and accountability.

CHAPTER VI NET ZERO EMISSION COMMITMENT

Article 10 Net Zero Emission

1. Institut Pendidikan Indonesia commits to achieving Net Zero Greenhouse Gas Emissions by the year 2042.
2. To support this commitment, the university sets a minimum reduction target of 50% of total Scope 1, 2, and 3 emissions by 2034, to be achieved through phased implementation of mitigation measures
3. The Sustainability Committee shall formulate and periodically update a Net Zero Emission roadmap that:
 - a. Details interim targets, milestones, and priority programs;
 - b. Integrates academic, operational, and community engagement initiatives;
 - c. Aligns with national policies and international best practices on climate action.



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- d. All faculties, departments, and units shall integrate the Net Zero Emission 2042 commitment into their strategic plans, performance indicators, and budget allocations.
4. All faculties, departments, and units shall integrate the Net Zero Emission 2042 commitment into their strategic plans, performance indicators, and budget allocations.

CHAPTER VII ENFORCEMENT AND SANCTIONS

Article 11 Enforcement and Sanctions

1. The Rector shall oversee enforcement of this regulation.
2. Non-compliance by units or departments may result in administrative sanctions, including corrective action plans, budgetary adjustments, or performance evaluations linked to sustainability objectives and Net Zero Emission targets.

CHAPTER VII CLOSING PROVISIONS

Article 12 Implementation

1. This regulation shall take effect on the date of enactment.
2. The Rector may issue detailed guidelines, circulars, or technical manuals to support the implementation of this regulation, including technical instructions for baseline measurement in 2025 and the Net Zero Emission roadmap.

*Signed and sealed by the Rector of
Institut Pendidikan Indonesia on January
15th 2025 in Garut*

Prof. Dr. Nizar Alam Hamdani