UI GreenMetric World University Rankings

UNIVERSITAS INDONESIA
Veritas, Probitas, Iustitia | Est. 1849

UI GreenMetric World University Rankings 2025

CERTIFICATE

This certificate is awarded to

Suranaree University of Technology

as The 71st World's Most Sustainable University in 2025 UI GreenMetric World University Rankings

5 December 2025

UI GREENMETRIC WORLD UNIVERSITY RANKINGS

Dr. Vishnu Juwono, S.E., MIA
Chairperson of UI GreenMetric

UI GreenMetric World University Rankings

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UI GREENMETRIC 2025

Fact File

UI GreenMetric World University Rankings 2025

SURANAREE UNIVERSITY OF TECHNOLOGY THAILAND

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Notes from the Chairperson

With heartfelt pride and sincere appreciation, we present this year's report on the global ranking of universities committed to sustainability. In 2025, we received submissions from 1,745 universities in 105 countries. This growing participation is encouraging, not simply because the numbers are larger, but because it reflects a shared willingness to take sustainability seriously, measure progress, and keep improving.

As the world's first university ranking system centered on sustainability, UI GreenMetric was created with the clear belief that universities can be powerful drivers of change. Ranking is a tool for benchmarking, but it is also a platform for learning and collaboration. By joining, institutions demonstrate that sustainability is not only an aspiration but also a responsibility that can be translated into policies, programs, and measurable outcomes.

We want to recognize every institution that participated this year. We understand that preparing a submission involves real work, coordinating teams, gathering data across units and documenting evidence. We also recognize that each university's journey is different. Some institutions have long-established systems and strong resource bases. Others are building progress step-by-step, often with limited capacity. Both are meaningful, and every improvement is important.

This year's participation marks an important milestone for our communities. It strengthens our shared mission and reminds us that sustainability leadership is growing across regions and institutional types worldwide. Simultaneously, we remain committed to strengthening trust in the ranking. In the year ahead, we will focus more strongly on data consistency, evidence quality, and verification practices while continuing to refine and clarify our methodology so that the results remain transparent and reliable.

We hope that the next questionnaire cycle will bring not only broader participation but also stronger reporting and deeper sharing of practical innovations. Together, through measurable action and collective learning, we can accelerate progress and create an impact that extends beyond campuses into communities and the wider world. Thank you for your commitment and for being a part of this shared journey toward a more sustainable future.

With Regards,

Dr. Vishnu Juwono, S.E., MIA
Chairperson of UI GreenMetric

Elevate Your University's Global Impact

Empowering campuses worldwide to build a greener, smarter, and more resilient future.

Why choose UI GreenMetric Consulting Services?

- **Engage with a vibrant global network of more than 1,745 universities across 105 countries.**
- **Strengthen sustainability performance through focused indicator analysis and a customized improvement roadmap.**
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UNIVERSITY PROFILE

NAME : SURANAREE UNIVERSITY OF TECHNOLOGY

EST. : 1990

COUNTRY : THAILAND

1. VERIFIED DATA

Campus Sustainability Scores

Overall Performance
87.48 %

Total Score
8747.5 / 10000

87.48%

SI Setting & Infrastructure
Current: **1350** Maximum: 1500
90.00%

WR Water
Current: **887.5** Maximum: 1000
88.75%

EC Energy & Climate Change
Current: **1725** Maximum: 2100
82.14%

TR Transportation
Current: **1437.5** Maximum: 1800
79.86%

WS Waste
Current: **1775** Maximum: 1800
98.61%

ED Education & Research
Current: **1572.5** Maximum: 1800
87.36%

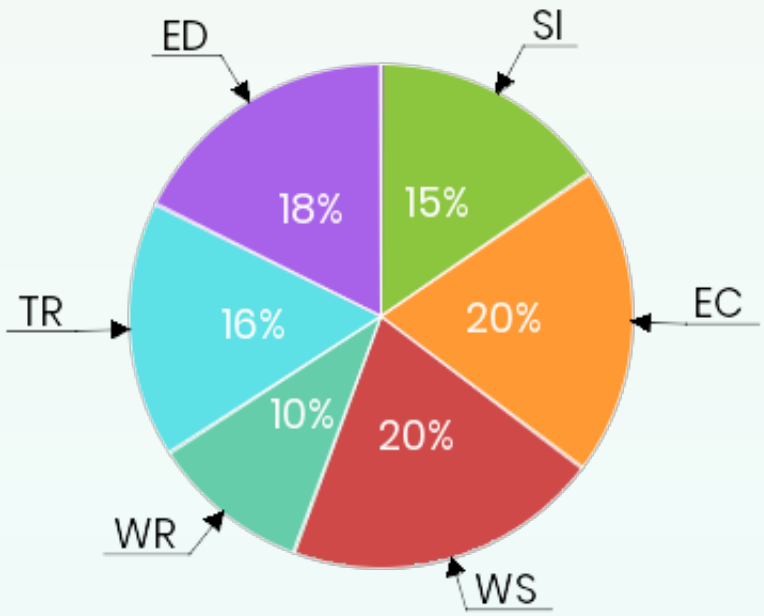

Figure 1.1 Category Score Contribution to Total Score

2. RESULTS SUMMARY

World Ranking	SI Ranking	EC Ranking	WS Ranking
71	49	164	43
	WR Ranking	**TR Ranking**	**ED Ranking**
	181	320	226

3. WORLD RANKINGS HISTORY

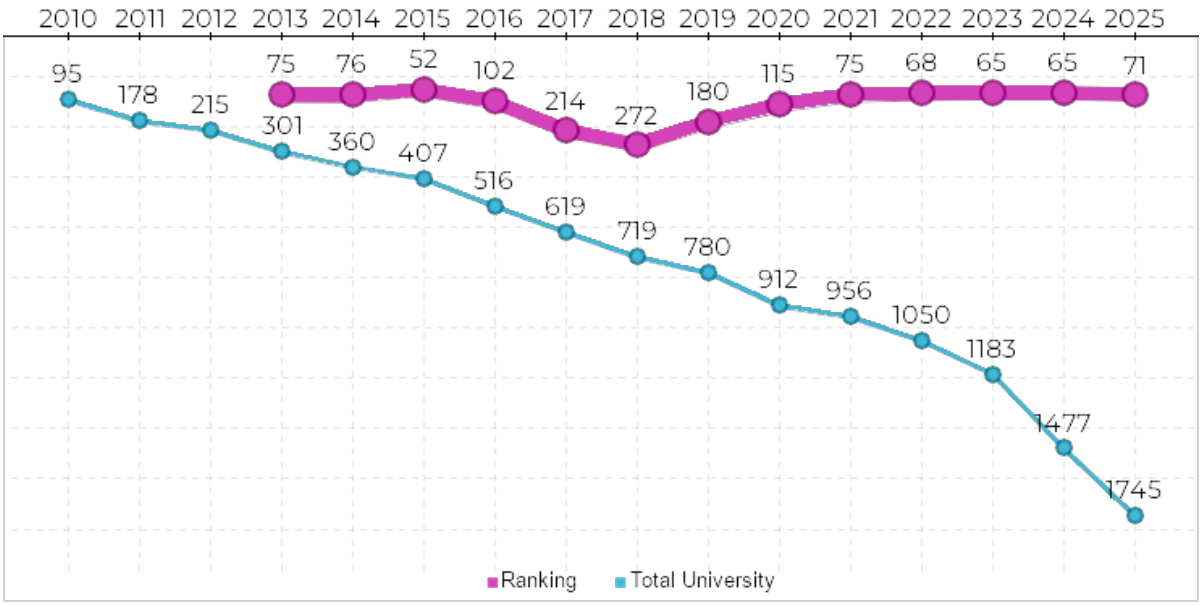

Figure 3.1 World Rankings History Diagram

4. RANKING IN THAILAND

Country Ranking	SI Ranking	EC Ranking	WS Ranking
5	4	8	4
	WR Ranking	**TR Ranking**	**ED Ranking**
	13	23	15

SETTING & INFRASTRUCTURE

The campus setting and infrastructure information provides the basic information about the university's policy on green environment. The indicators also show whether the campus deserves to be called a Green University. The aim is to encourage the participating universities to provide more spaces for greenery and safeguard the environment

Indicator		Score
SI.1	The ratio of open space area to total area	200
SI.2	Total area on campus covered in forest vegetation used for research, teaching, and/or community engagement	100
SI.3	Total area on campus covered in planted vegetation	150
SI.4	Total area on campus for water absorption besides the forest and planted vegetation	75
SI.5	The total open space area divided by total campus population	200
SI.6	Percentage of university budget for sustainability efforts	200
SI.7	Campus facilities for disabled, special needs and/or maternity care	100
SI.8	Security and safety facilities	75
SI.9	Health infrastructure facilities for students, academics and administrative staffs' well-being	100
SI.10	Conservation: plant (flora), animal (fauna), or wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities	75
SI.11	Planning, implementation, monitoring and/or evaluation of all programs related to Setting and Infrastructure through the utilization of Information and Communication Technology (ICT)	75

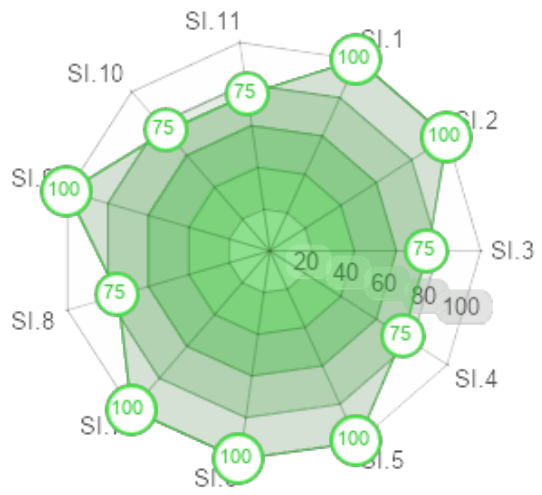

Figure 5.1 Percentage of Score to Maximum Score for Setting and Infrastructure

ENERGY & CLIMATE CHANGE

The university's attention to the use of energy and climate change issues has the highest score in this ranking. In our questionnaire, we define several indicators for this area of concern, i.e., energy-efficient appliances usage, the implementation of smart buildings/automation buildings/intelligent buildings, renewable energy usage policy, total electricity usage, energy conservation programs, elements of green buildings, climate change adaptation and mitigation programs, greenhouse gas emission reductions policy, and carbon footprint. Within these indicators, the universities are expected to increase their efforts in energy efficiency in their buildings and to care more about nature and alternative energy resources.

Indicator		Score
EC.1	Energy efficient appliances usage	150
EC.2	Smart building implementation	225
EC.3	Number of renewable energy sources on campus	300
EC.4	Total electricity usage divided by total campus' population	100
EC.5	The ratio of renewable energy production divided by total energy usage per year	200
EC.6	Elements of green building implementation as reflected in all buildings	200
EC.7	Greenhouse gas emission reduction program	200
EC.8	Total carbon footprint divided by total campus' population	100
EC.9	Number of innovative program(s) in energy and climate change	100
EC.10	Impactful university program(s) on climate change	100
EC.11	Planning, implementation, monitoring and/or evaluation of all programs related to Energy and Climate Change through the utilization of Information and Communication Technology (ICT)	50

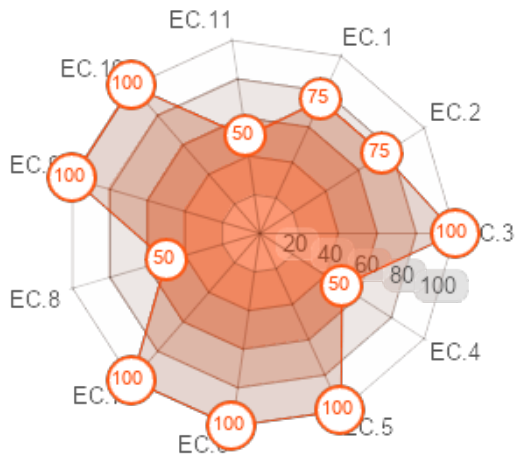

Figure 5.2 Percentage of Score to Maximum Score for Energy and Climate Change

WASTE

Waste treatment and recycling activities are major factors in creating a sustainable environment. The activities of university staff, students, and communities around university produce a lot of waste; therefore, some recycling and waste treatments programs should be among the concern of the university, i.e., 3R (Reduce, Reuse, Recycle) program, organic waste treatment, inorganic waste treatment, toxic waste recycling, sewage disposal, policies to reduce the use of paper and plastic on campus.

Indicator		Score
WS.1	3R (Reduce, Reuse, Recycle) program for university's waste	200
WS.2	Program to reduce the use of paper and plastic on campus	300
WS.3	Organic waste treatment	300
WS.4	Inorganic waste treatment	300
WS.5	Toxic waste treatment	300
WS.6	Sewage disposal	300
WS.7	Planning, implementation, monitoring and/or evaluation of all programs related to Waste Management through the utilization of Information and Communication Technology (ICT)	75

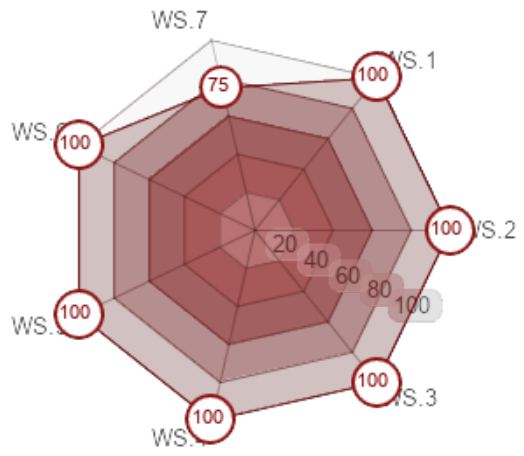

Figure 5.3 Percentage of Score to Maximum Score for Waste

WATER

Water usage at university is another important criterion in the UI GreenMetric. The aims are to encourage universities to decrease groundwater usage, increase water conservation programs, and protect habitats. Water conservation programs, water recycling programs, water-efficient appliances usage, and treated water usage are among the criteria

Indicator		Score
WR.1	Water conservation program & implementations	150
WR.2	Water recycling program implementation	200
WR.3	Water efficient appliances usage	150
WR.4	Consumption of treated water	200
WR.5	Water pollution control in the campus area	150
WR.6	Planning, implementation, monitoring and/or evaluation of all programs related to Water Management through the utilization of Information and Communication Technology (ICT)	38

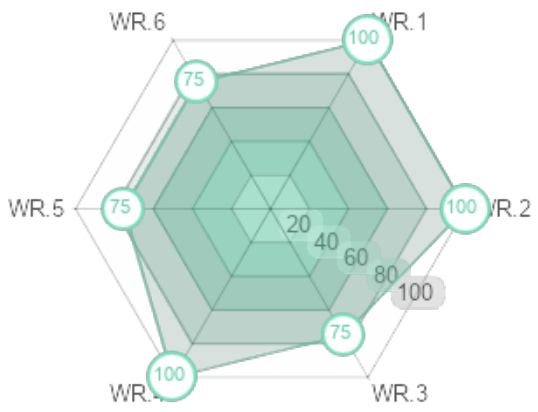

Figure 5.4 Percentage of Score to Maximum Score for Water

TRANSPORTATION

Transportation systems play an important role in carbon emission and pollutant levels at universities. Transportation policies that limit the number of motor vehicles on campus and encourage the use of campus buses, shared vehicles, and zero emission vehicles (i.e. bicycles, electric cars, electric motorcycles, canoes, snowboards, etc.) will encourage a healthier environment. The pedestrian policy encourages students and staff to walk around campus and minimize the use of private vehicles. The use of environmentally friendly public transportation will decrease the carbon footprint around campus.

Indicator		Score
TR.1	The total number of vehicles (cars and motorcycles) divided by total campus' population	50
TR.2	Shuttle services	188
TR.3	Zero Emission Vehicles (ZEV) availability on campus	200
TR.4	The total number of Zero Emission Vehicles (ZEV) divided by total campus population	200
TR.5	Ratio of the ground parking area to the total campus area	200
TR.6	Program to limit or decrease the parking area on campus for the last 3 years	100
TR.7	Number of initiatives to decrease private vehicles on campus	200
TR.8	The pedestrian path on campus	250
TR.9	Planning, implementation, monitoring and/or evaluation of all programs related to Transportation through the utilization of Information and Communication Technology (ICT)	50

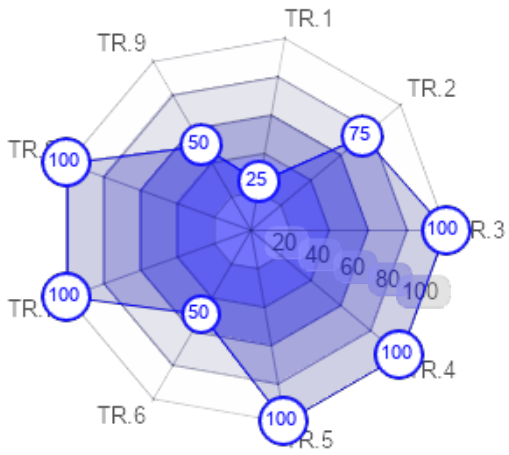

Figure 5.5 Percentage of Score to Maximum Score for Transportation

EDUCATION & RESEARCH

The university's education and research information provide basic information about the university's policies and actions in creating and supporting their students, academic and non-academic staff with sustainability awareness. This criterion also encourages universities to report their sustainability activities, strategies, and targets to their stakeholders.

Indicator		Point
ED.1	The ratio of sustainability courses to total courses/subjects	200
ED.2	The ratio of sustainability research funding to total research funding	10
ED.3	Ratio of scholarly publications on sustainability to lecturers/researchers on campus in one year period	200
ED.4	Number of events related to sustainability (environment)	150
ED.5	Number of activities organized by student organizations related to sustainability per year	150
ED.6	University-run sustainability website	200
ED.7	Sustainability report	100
ED.8	Number of cultural activities on campus	100
ED.9	Number of university sustainability program(s) with international collaborations	100
ED.10	Number of community services related to sustainability organized by university and involving students	100
ED.11	Number of sustainability-related startups	100
ED.12	Percentage of number of graduates with green jobs (for the last 3 years)	50
ED.13	Availability of unit or office that coordinate sustainability on campus	38
ED.14	Planning, implementation, monitoring and/or evaluation of university governance through the utilization of Information and Communication Technology (ICT)	75

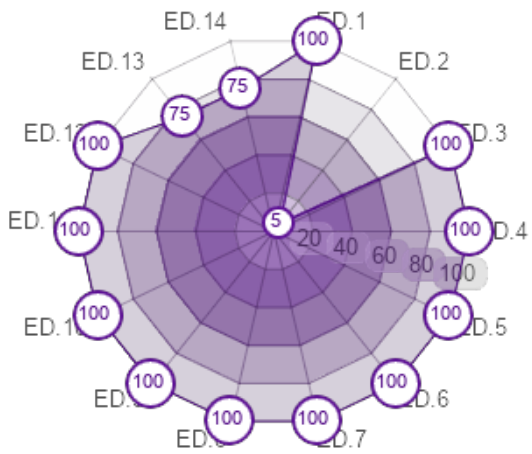

Figure 5.6 Percentage of Score to Maximum Score for Education

What is UI GreenMetric?

UI GreenMetric World University Rankings is an annual sustainability ranking of universities. Initiated by the Universitas Indonesia, it assesses universities worldwide based on their commitment to sustainability. UI GreenMetric World University Rankings aims to increase awareness and encourage continuous improvement in sustainable campus practices.

UI GreenMetric Historical Overview

2010
UI GreenMetric was published for 95 universities.

2011
UI GreenMetric added 11 new indicators across five categories.

2012
Education became a category.

2015
UI GreenMetric introduced Carbon Footprint and Fact File documents

2016
The ranking places greater focus on university actions toward sustainability.

2017
UIGWURN was established.

2018
the ranking emphasized the SDGs and expanded its membership.

2019
The questionnaire and data collection methods were improved.

2020
Three new questions were introduced regarding social and economic impacts.

2021
Social, cultural, economic, and pandemic-related aspects were introduced in the questionnaire.

2022
An indicator related to water pollution was added, and pandemic-related items were adjusted to reflect the current conditions.

2023
Indicators related to 3R waste programs, student organization activities, and international collaboration were added.

2024
Indicator adjustments and new indicators related to the use of ICT were introduced.

2025
Indicator adjustments and new questions related to SDG policies in universities were introduced.

History of the Ranking

UI GreenMetric World University Rankings is a non-profit initiative of the Universitas Indonesia that has been developed since 2010.

In 2009, the Universitas Indonesia hosted the International Conference on World University Rankings, attended by global ranking institutions such as Webometrics and HEEACT. Following this conference, in 2010, Prof. Dr. der. Soz. Gumilar Rusliwa Somantri, Rector of the Universitas Indonesia at the time, initiated the establishment of UI GreenMetric World University Rankings and appointed Prof. Dr. Ir. Riri Fitri Sari, M.M., M.Sc. as its first chairperson.

A team consisting of Dr. Junaidi, S.S., M.A., Dr. Budi Hartono, S.Si., M.K.M., Allan Lauder, and Prof. Ir. Gunawan Tjahjono, M.Arch., Ph.D. developed the first version of UI GreenMetric questionnaire and introduced the ranking system internationally. Over the years, the questionnaire continued to be refined with contributions from additional team members, including Dr. Nyoman Suwartha, S.T., M.T., MAgr., Prof. Dr. Ir. Tommy Ilyas, M.Eng., and Dr. Ruki Harwahyu, S.T., M.T., M.Sc.

To strengthen outreach and coordination with universities worldwide, UI GreenMetric World University Rankings Network (UI GWURN) was established in 2017, enabling each participating country to have its own national coordinator. To operationalize the network, Dr. Junaidi formulated a strategic framework that continues to guide GWURN activities today. Currently, the UI GWURN consists of 36 national coordinators across Asia, America, Africa, and Europe, each voluntarily organizing national workshops and encouraging more universities within their countries to participate.

As a member of the IREG, UI GreenMetric continues to expand its activities and collaborations among participating universities to achieve a shared goal: sustainable universities for a sustainable future. In developing its methodology, UI GreenMetric also studied other global ranking systems, including the Times Higher Education World University Rankings (THE), QS World University Rankings, Academic Ranking of World Universities (ARWU) by Shanghai Jiao Tong University (SJTU), and Webometrics Ranking of World Universities by Cybermetrics Lab, CINDOC-CSIC in Spain.

In 2025, UI GreenMetric entered a new chapter with the appointment of a renewed leadership team by the Rector of the Universitas Indonesia, Prof. Dr. Ir. Heri Hermansyah, S.T., M.Eng., IPU. He appointed Vishnu Juwono, S.E., M.I.A., Ph.D. as the Chairperson of UI GreenMetric and Dr. Abellia Anggi Wardani, S.Hum., M.A. as the Vice-Chairperson. To further strengthen the organization's development, Rahmi, S.Hum., M.Sc., and Ph.D. were also appointed as Expert Members for Service Development, Research, and Data Management.

UI GreenMetric continues to progress with the support of a solid office team, including Sabrina Hikmah Ramadianti, S.Si., Rinoto Cahyo Utomo, S.Tr., Jauzak Hussaini W., S.Kom., M.T., Dewinda Novitasari, S.T., Rayhana, S.Gz., Riska Putri Hariyadi, S.IP., M.Si., I Bagus Ngurah Alit Putra Wiryawan, S.Pd., M.Si., Elza Yunita Anwar, S.I.A., and other dedicated staff members.

This leadership composition reflects UI GreenMetric's commitment to enhancing its global impact, improving methodological rigor, strengthening international collaboration, and advancing sustainability initiatives through data-driven research and service innovation.

Methodology

UI GreenMetric collects data through an online questionnaire. All participants answered questions for some period. Subsequently, UI GreenMetric expert members and reviewers validated the answers based on the evidence provided by the participants. The categories and weighting of points for this year are as follows: The specific indicators and their corresponding points are listed in Table 3. Each indicator was uniquely identified by a category code and number (e.g., SI 5).

In our list, universities with the same total score will be ranked according to the highest weighted indicators, that is, first based on its Energy and Climate Change (EC) score, then based on the total score for Waste (WS), Transportation (TR), and Education (ED). Subsequently, it will be based on its Setting and Infrastructure (SI) score, and finally, it will depend on its Water (WR) score.

The following sections present the detailed indicators and their respective weightings used in UI GreenMetric evaluation system. These indicators serve as the basis for assessing each university's sustainability performance in key categories.

Setting and Infrastructure (SI)
15%

Energy and Climate Change (EC)
21%

Waste (WS)
18%

Water (WR)
10%

Transportation (TR)
18%

Education and Research (ED)
18%

Methodology

The following table outlines the detailed criteria for each indicator. These criteria provide a clear framework for evaluating university performance, ensuring consistency and transparency in the assessment process.

No	Criteria	Point
1	**Setting and Infrastructure (SI)**	
SI1	The ratio of open space area to total area	200
SI2	Total area on campus covered in forest vegetation used for research, teaching, and/or community engagement	100
SI3	Total area on campus covered in planted vegetation	200
SI4	Total area on campus for water absorption besides the forest and planted vegetation	100
SI5	The total open space area divided by total campus population	200
SI6	Percentage of university budget for sustainability efforts	200
SI7	Campus facilities for disable, special needs and/or maternity care	100
SI8	Security and safety facilities	100
SI9	Health infrastructure facilities for students, academics and administrative staffs' well-being	100
SI10	Conservation: plant (flora), animal (fauna), or wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities	100
SI11	Planning, implementation, monitoring and/or evaluation of all programs related to Setting and Infrastructure through the utilization of Information and Communication Technology (ICT)	100
	Total	**1500**
2	**Energy and Climate Change (EC)**	
EC1	Energy efficient appliances usage	200
EC2	Smart building implementation	300
EC3	Number of renewable energy sources on campus	300
EC4	Total electricity usage divided by total campus' population (kWh per person)	200
EC5	The ratio of renewable energy production divided by total energy usage per year	200
EC6	Elements of green building implementation as reflected in all buildings	200
EC7	Greenhouse gas emission reduction program	200
EC8	Total carbon footprint divided by total campus' population (metric tons per person)	200
EC9	Number of innovative program(s) in energy and climate change	100
EC10	Impactful university program(s) on climate change	100
EC11	Planning, implementation, monitoring and/or evaluation of all programs related to Energy and Climate Change through the utilization of Information and Communication Technology (ICT)	100
	Total	**2100**

Methodology

3	Waste (WS)	
WS1	3R (Reduce, Reuse, Recycle) program for university's waste	200
WS2	Program to reduce the use of paper and plastic on campus	300
WS3	Organic waste treatment	300
WS4	Inorganic waste treatment	300
WS5	Toxic waste treatment	300
WS6	Sewage disposal	300
WS7	Planning, implementation, monitoring and/or evaluation of all programs related to Waste Management through the utilization of Information and Communication Technology (ICT)	100
	Total	**1800**
4	**Water (WR)**	
WR1	Water conservation program & implementations	150
WR2	Water recycling program implementation	200
WR3	Water efficient appliances usage	200
WR4	Consumption of treated water	200
WR5	Water pollution control in the campus area	200
WR6	Planning, implementation, monitoring and/or evaluation of all programs related to Water Management through the utilization of Information and Communication Technology (ICT)	50
	Total	**1000**
5	**Transportation (TR)**	
TR1	The total number of vehicles (cars and motorcycles) divided by total campus' population	200
TR2	Shuttle services	250
TR3	Zero Emission Vehicles (ZEV) availability on campus	200
TR4	The total number of Zero Emission Vehicles (ZEV) divided by total campus population	200
TR5	Ratio of the ground parking area to the total campus area	200
TR6	Program to limit or decrease the parking area on campus for the last 3 years (from 2021 to 2023)	200
TR7	Number of initiatives to decrease private vehicles on campus	200
TR8	The pedestrian path on campus	250
TR9	Planning, implementation, monitoring and/or evaluation of all programs related to Transportation through the utilization of Information and Communication Technology (ICT)	100
	Total	**1800**

Methodology

6	Education and Research (ED)	
ED1	The ratio of sustainability courses to total courses/subjects	200
ED2	The ratio of sustainability research funding to total research funding	200
ED3	Ratio of scholarly publications on sustainability to lecturers/researchers on campus in one year period	200
ED4	Number of events related to sustainability (environment)	150
ED5	Number of activities organized by student organizations related to sustainability per year	150
ED6	University-run sustainability website	200
ED7	Sustainability report	100
ED8	Number of cultural activities on campus (e.g.Cultural Festival)	100
ED9	Number of university sustainability program(s) with international collaborations	100
ED10	Number of community services related to sustainability organized by university and involving students	100
ED11	Number of sustainability-related startups	100
ED12	Percentage of number of graduates with green jobs (for the last 3 years)	50
ED13	Availability of unit or office that coordinate sustainability on campus	50
ED14	Planning, implementation, monitoring and/or evaluation of university governance through the utilization of Information and Communication Technology (ICT)	100
	Total	**1800**

NEW TIMELINE: 2026 DATA SUBMISSION

Get Ready for UI GreenMetric 2026

FEBRUARY–JUNE 2026

With an updated timeline, early preparation is key.
Preparing your data in advance ensures that your sustainability efforts are accurately represented.

DATA SUBMISSION

JULY–AUGUST 2026

Accuracy and credibility were ensured at this stage.
During this phase, UI GreenMetric reviews the submitted questionnaires and verifies the supporting evidence to confirm alignment with the reported claims.

VALIDATION PROCESS

SEPTEMBER 2026

Your sustainability impact takes the global stage.
The official results highlight your university's performance and commitment to sustainability in the global higher education community.

OFFICIAL RESULTS

Prepare early. Submit Confidently. Lead Sustainably.

UI GREENMETRIC 2025

Partner with Us

Support global sustainability through UI GreenMetric and strengthen your organization's commitment to responsible development.

Why Sponsor UI GreenMetric?

- **Gain access to a global academic network of 1,745 participating universities across 105 countries.**
- **Enhance brand visibility through international exposure across UI GreenMetric platforms and activities.**
- **Build strategic relationships with universities, sustainability leaders, and relevant stakeholders worldwide.**
- **Demonstrate tangible alignment with sustainability values and the Sustainable Development Goals (SDGs).**

Sponsorship Packages

Platinum | **Gold** | **Silver** | **Bronze**

We invite you to partner with UI GreenMetric to support sustainability leadership in higher education and contribute to long-term, measurable impact.

For more information, or to discuss sponsorship options,

please visit the link below or scan the QR code:

https://greenmetric.ui.ac.id/register/sponsorship-form

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