Firat University University Cut Quality Ae Coordination

UI GreenMetric

DECEMBER 2023

Presentation: Firat University Quality Coordination

https://kalitekoord.firat.edu.tr

Presentation

Prof. Dr. Fahrettin GÖKTAÿ Rector of Fÿrat University

Today, institutions and organizations are developing various strategies to evaluate and reduce their environmental impacts, moving beyond being solely profit-oriented. In this context, the concept of "Green Metric" has become an important tool to evaluate the environmental performance of organizations and help them achieve their sustainability goals. Green Metric includes a range of factors from energy use to waste management, water savings to carbon footprint. These values provide basic data to evaluate and improve an organization's environmental sustainability performance.

The prepared report includes the Green Metric analysis applied to determine the environmental performance of our university, highlight our strengths and identify areas for improvement. The results obtained from the report will shape the steps to be taken to further strengthen our university's sustainability efforts and achieve future goals.

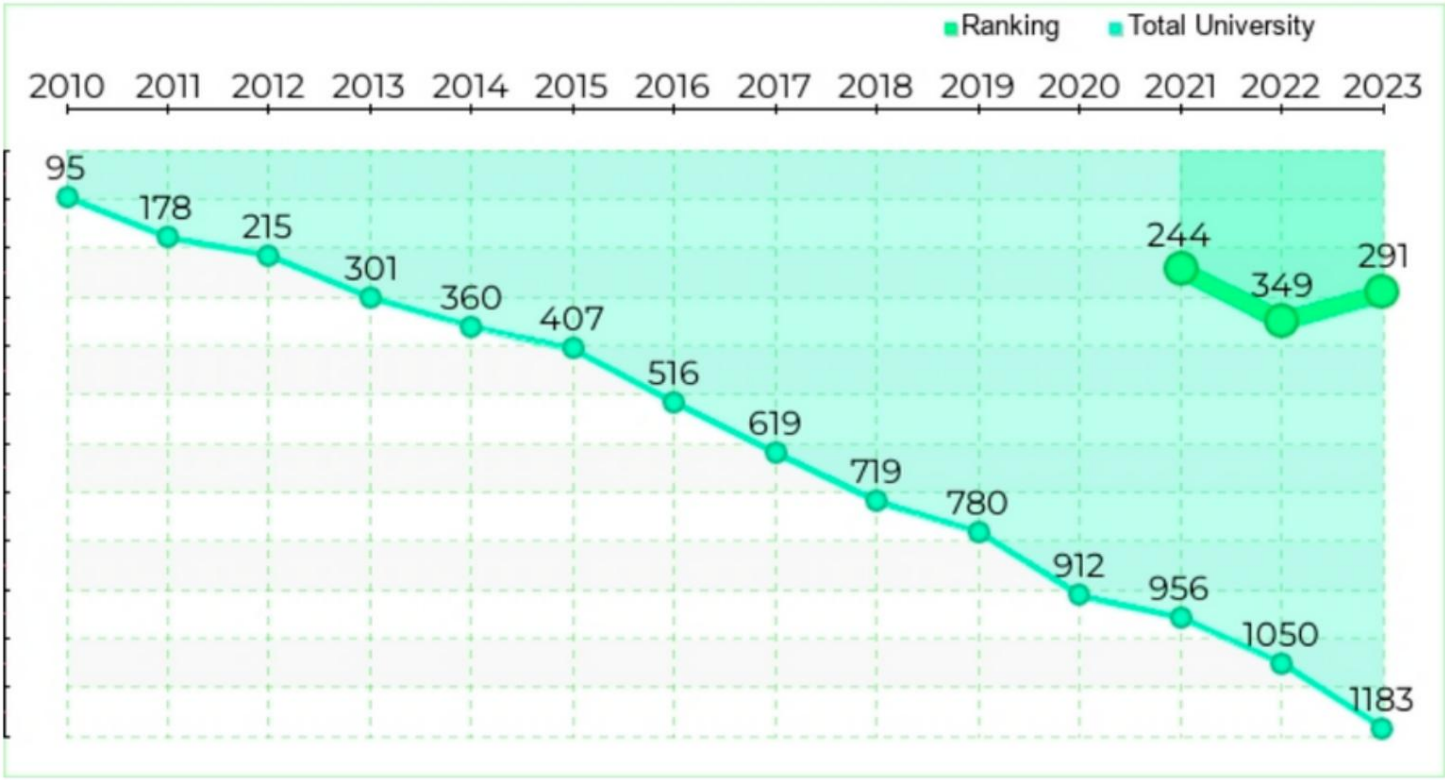
The data obtained will help us better understand our environmental responsibility and develop more effective strategies for a sustainable future.

This report highlights our commitment to sustainability and is an important document that will enable us to continue our determined steps towards a sustainable future with analyses to be carried out with Green Metric and similar motivations in the future.

We will continue to work with all our strength to leave a greener, more peaceful and serene world for the future.

Kind regards,

Our University's World Rankings by Year



UNIVERSITAS INDONESIA

UI GreenMetric World University Rankings

Certificate

This certificate is awarded to

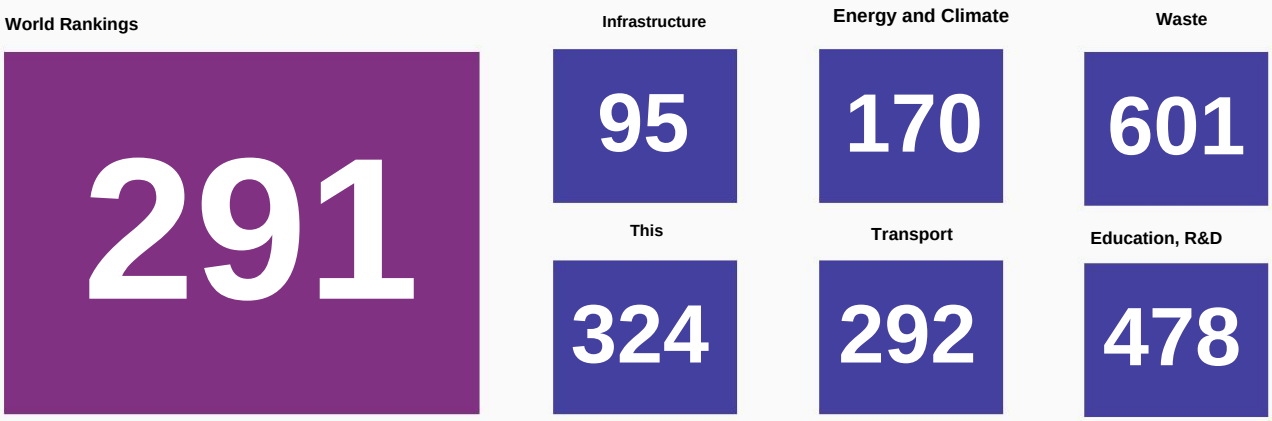
Firat University

as The 291st World's Most Sustainable University
in 2023 UI GreenMetric World University Rankings

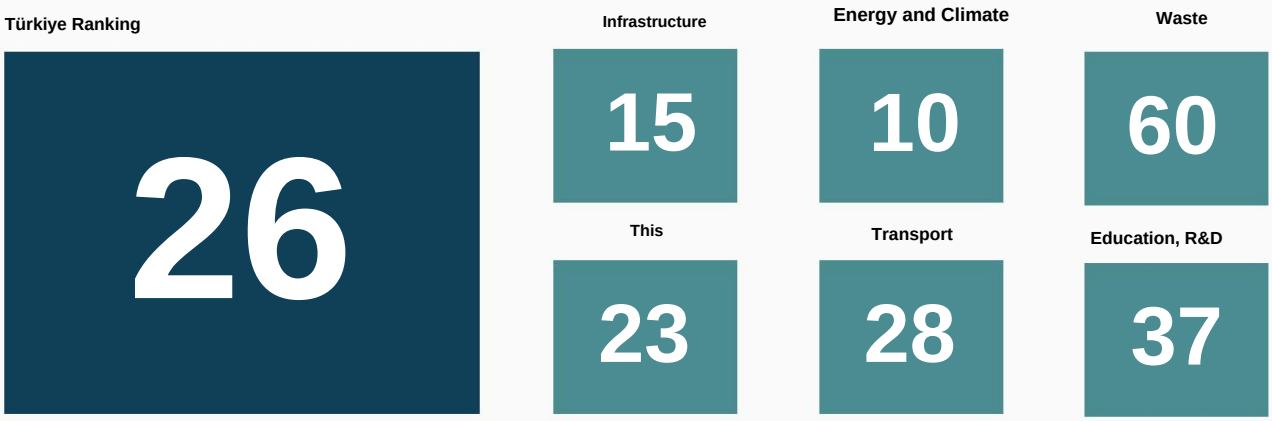
Jakarta, 5 December 2023

Prof. Dr. Ir. Riri Fitri Sari, M.M., M.Sc.
Chairperson of UI GreenMetric

Overview of Our University's 2023 World and Country Rankings



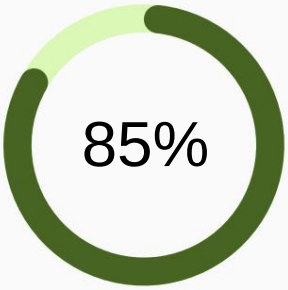
Our university, which is ranked 291st among 1,183 universities participating worldwide, has managed to maintain its position consistently for the 3 years it has participated in the ranking.



The number of participants is increasing every year throughout Turkey. Our university, which managed to be 13th in Türkiye in the first year, took the 26th place in 2023 with the participation of 98 universities from our country.

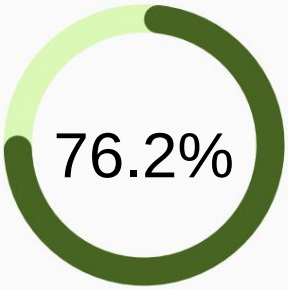
Scores Received According to Criteria

Infrastructure



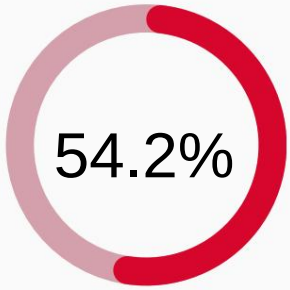
Scored : 1275 Criterion
Ceiling Score : 1500

Energy and Climate



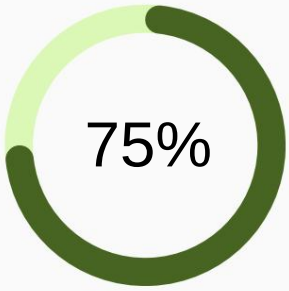
Scored : 1600 Criterion
Ceiling Score : 2100

Waste



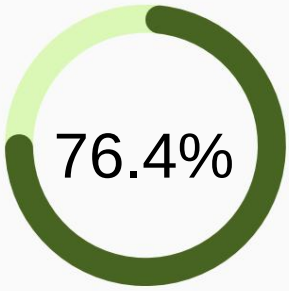
Scored : 975 Criterion
Ceiling Score : 1800

This



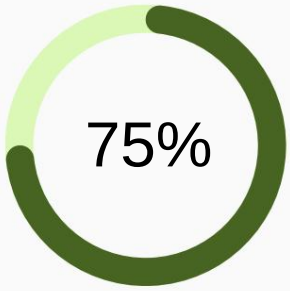
Scored : 750 Criterion
Ceiling Score : 1000

Transport

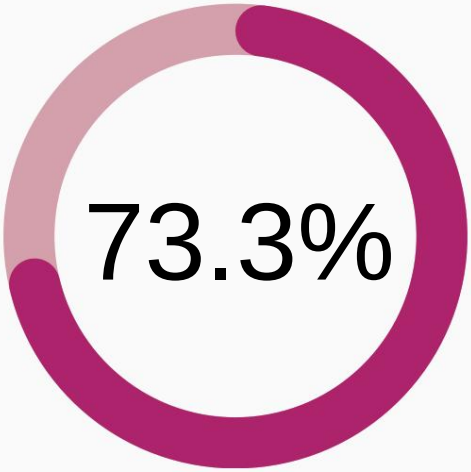


Scored : 1375 Criterion
Ceiling Score : 1800

Education



Scored : 1350 Criterion
Ceiling Score : 1800

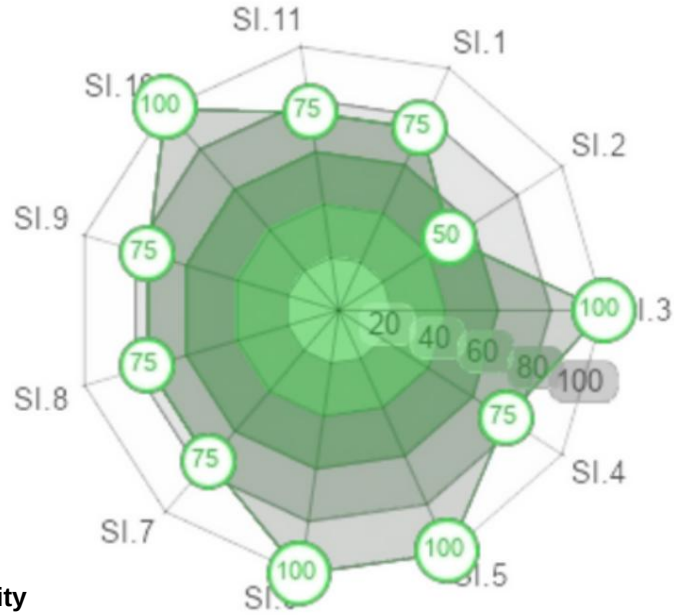


Average

Points Received: 7325
Ceiling Points: 10000

Infrastructure

Weight of Criterion 15%



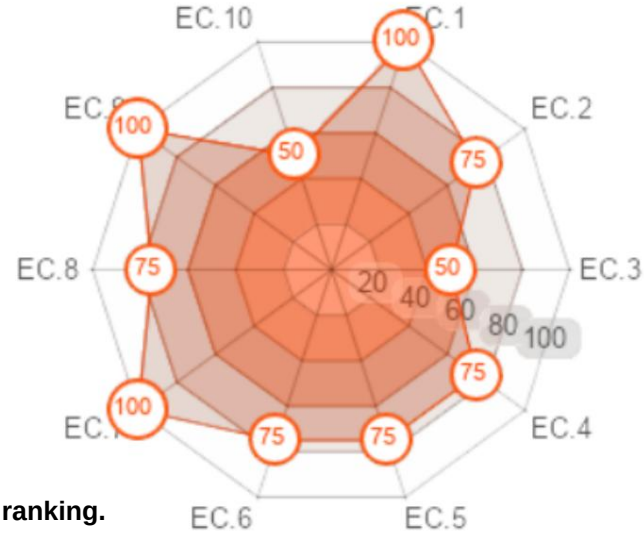
Campus environment and infrastructure information, university Provides basic information about green environmental policy. The indicators also show that the campus is a Green University whether it deserves to be called
The aim is to show that participating universities to provide more space for greenery and to protect the environment to encourage conservation

Our university has lower criteria distribution of points received

Criterion No	Explanation	Highest Point	We received Point
SI.1	Ratio of open space area to total area	200	150
SI.2	Forest covered area on campus	100	50
SI.3	Area covered with planted vegetation on campus	200	200
SI.4	Space for water absorption on campus	100	75
SI.5	The ratio of open space to campus population	200	200
SI.6	University budget for sustainability studies	200	200
SI.7	Operation and maintenance activities of the building in a one-year period percentage	100	75
SI.8	For disabled, special needs and/or maternity care Campus facilities	100	75
SI.9	Security and safety facilities	100	75
SI.10	The welfare of students, faculty and administrative staff Health infrastructure facilities for	100	100
SI.11	Conservation: for plants, animals and wildlife, food and agriculture medium or long-term conservation of genetic resources securing the facilities	100	75
	Total	**1500**	**1275**

Energy and Climate Change of

Weight of Criterion 21%



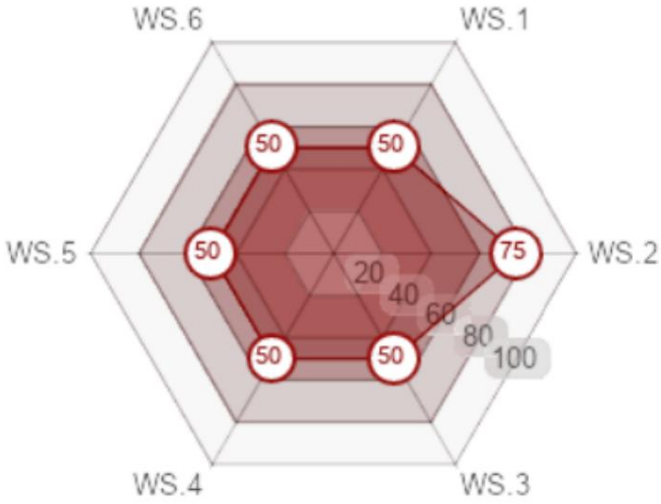
University energy use and climate change
The importance he gives to the subjects is the highest in this ranking. In our survey, the energy for this area of concern economical use of devices, smart buildings/automation implementation of buildings/smart buildings, renewable energy use policy, total electricity use, energy saving programs, elements of green buildings, climate change adaptation and mitigation programs, greenhouse such as gas emission reduction policy and carbon footprint We have defined various indicators. These indicators Energy efficiency in university buildings within the scope of to increase their efforts in the field of nature and alternative giving more importance to energy resources is expected.

Our university has lower criteria distribution of points received

Criterion No	Explanation	Highest Point	We received Point
EC.1	Use of energy efficient devices	200	200
EC.2	Smart building program application	300	225
EC.3	Number of renewable energy sources on campus	300	150
EC.4	Total electricity usage divided by total campus population division	300	225
EC.5	Total annual energy production of renewable energy usage rate	200	150
EC.6	Green building application element	200	150
EC.7	Greenhouse gas emission reduction program	200	200
EC.8	Total carbon footprint as a percentage of campus population	200	150
EC.9	Innovative program(s) in the field of Energy and Climate Change number of	100	100
EC.10	Effective university program(s) on climate change	100	50
	Total	**2100**	**1600**

Waste

Weight of Criterion 18%



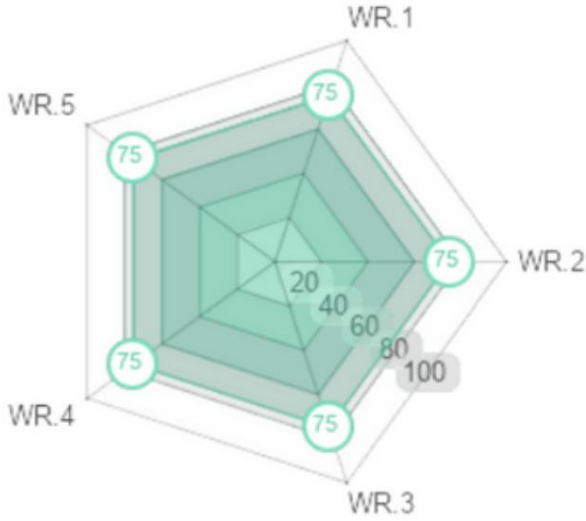
Waste treatment and recycling activities important in creating a sustainable environment factors. University staff, students and The activities of the communities around the university are very produces excess waste; therefore, 3R (Reduce, Reuse, Recycle) program, organic waste treatment, inorganic waste treatment, toxic waste recycling recycling, sewage disposal, paper on campus and some policies such as reducing plastic use recycling and waste treatment programs should be among the areas of interest of the university.

Our university has lower criteria distribution of points received

Criterion No	Explanation	Highest Point	We received Point
WS.1	3R (Reduce, Reuse, Recycle) for university waste Convert) program	300	150
WS.2	To reduce paper and plastic use on campus program	300	225
WS.3	Organic waste treatment	300	150
WS.4	Inorganic waste treatment	300	150
WS.5	Toxic waste treatment	300	150
WS.6	Sewage disposal	300	150
	Total	**1800**	**975**

This

Weight of Criterion 10%



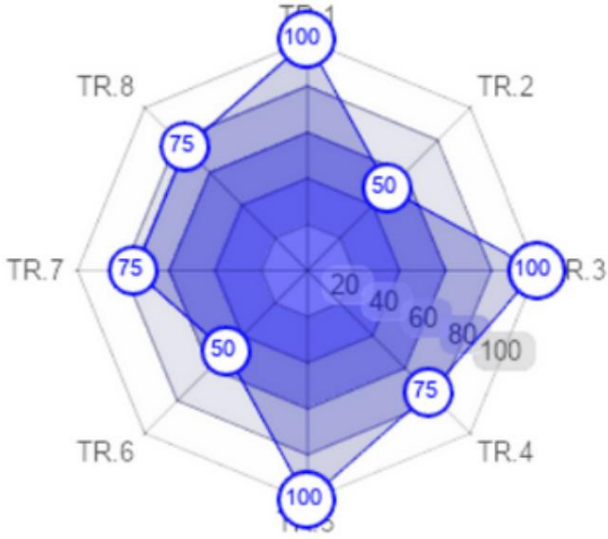
Water usage at the university is measured by UI GreenMetric is another important criterion. The aim is to make universities underground reduce water usage, water conservation to increase programs and protect habitats Water conservation programs, water recycling recycling programs, use of water-saving devices and the use of purified water are among the criteria.

Our university has lower criteria distribution of points received

Criterion No	Explanation	Highest Point	We received Point
WR.1	Water conservation program	200	150
WR.2	Water recycling program	200	150
WR.3	Use of water-saving devices	200	150
WR.4	Purified water consumption	200	150
WR.5	Water pollution control in the campus area	200	150
	Total	**1000**	**750**

Transport

Weight of Criterion 18%



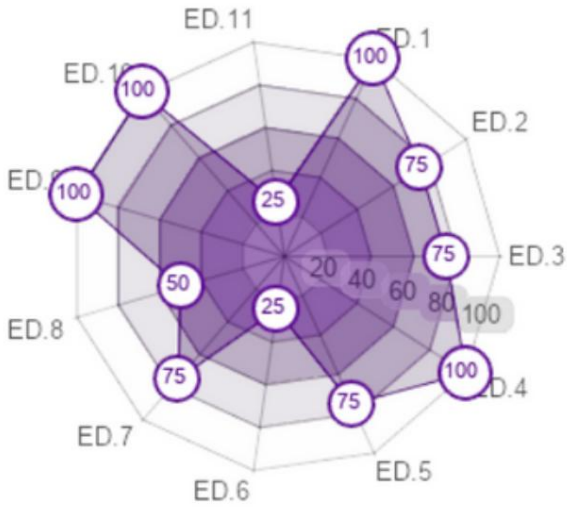
Our university has lower criteria distribution of points received

Transportation systems, carbon in universities play an important role in emissions and pollutant levels The number of motor vehicles on campus limiting and campus buses, carpools and zero-emission vehicles (e.g. bicycles, electric cars, electric motorcycles, canoes, transportation that encourages the use of snowboards, etc. policies will promote a healthier environment. Pedestrian policy, students and staff on campus walking and minimizing the use of private vehicles encourages downloading. Environmentally friendly mass will use of vehicles on campus reduce the carbon footprint around transportation.

Criterion No	Explanation	Highest Point	We received Point
TR.1	Total vehicles (cars and motorcycles) total ratio to campus population	200	200
TR.2	Service Services	300	150
TR.3	Zero Emission Vehicles (ZEV) policy on campus	200	200
TR.4	Zero Emission Vehicles (ZEV) to total campus population The ratio obtained by dividing	200	150
TR.5	The ratio of parking area to total campus area	200	200
TR.6	Limiting or restricting parking on campus for the last 3 years transportation program designed to reduce	200	100
TR.7	Transportation to reduce private vehicles on campus Number of attempts	200	150
TR.8	Pedestrian policy on campus	300	225
	Total	**1800**	**1375**

Education and R&I

Weight of Criterion 18%



The university's education and research information, the university's students, academic and with sustainability awareness policies on creating and supporting and provides basic information about their actions. This criterion at the same time, universities' sustainability its activities, strategies and goals And encourages reporting to stakeholders.

Our university has lower criteria distribution of points received

Criterion No	Explanation	Highest Point	We received Point
ED.1	Total lessons/modules of sustainability courses rate	300	300
ED.2	Sustainability research funding totals research ratio of funds	200	150
ED.3	Sustainability publications	200	150
ED.4	Sustainability events	200	200
ED.5	Student organizations work on sustainability each year Organized events	200	150
ED.6	Sustainability websites	200	50
ED.7	Sustainability Report	100	75
ED.8	Cultural events on campus	100	50
ED.9	University sustainability with international collaborations program(s)	100	100
ED.10	Organized and/or involving students sustainability community services project	100	100
ED.11	Sustainability initiatives	100	25
	Total	**1800**	**1350**

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