



KİLİS 7 ARALIK
ÜNİVERSİTESİ

Kilis 7 Aralık University **Sustainability Report**

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MAIN CAMPUS

Total Campus area: **247,888.6m²**

Total Campus Population: **10,596 people**

Total Open Area: **208,357.9 m²**

Total Covered Area: **39,530.7 m²**

Plant Species and Diversity on Campus:

There are a total of **13,868** plants of **75** different species on the campus.



INDICATOR	AMOUNT	PERCENTAGE
Permeable area amounts within the campus (Open Green Areas, Dirt Areas, Dirt Roads, Development Areas)	98.847,38 m ²	%39
Total amount of open space per person within the campus	19 m ² /person	
Use of climate -appropriate plant species within campuses	7,494 plants in 23 different species are accepted as natural plant species	%54

MERCIDABIK CAMPUS

Total Campus Area: **52,268.2 m²**

Total Campus Population: **489 people**

Total Open Space: **48,188.2 m²**

Total Indoor Space: **4,080 m²**

Plant Types and Diversity on Campus:

There are a total of **3,112** plants of **34** different species on campus.

INDICATOR	AMOUNT	PERCENTAGE
Permeable area amounts within the campus (Open Green Areas, Dirt Areas, Dirt Roads, Development Areas)	25.659,57 m ²	%92
Total amount of open space per person within the campus	98 m ² /person	
Use of climate -appropriate plant species within campuses	1,855 plants in 14 different species are accepted as natural plant species.	%41



KARATAŞ CAMPUS

Total Campus Area: **29,378.86 m²**

Total Campus Population: **3,197 people**

Total Open Space: **26,158.61 m²**

Total Indoor Space: **3,220.25 m²**

Plant Types and Diversity on Campus: There are a total of **2,595** plants of **39** different species on campus.

INDICATOR	AMOUNT	PERCENTAGE
Permeable area amounts within the campus (Open Green Areas, Dirt Areas, Dirt Roads, Development Areas)	9.379,6 m ²	%31
Total amount of open space per person within the campus	6 m ² /person	
Use of climate -appropriate plant species within campuses	1,067 plants in 21 different species are accepted as natural plant species	%53

GREEN SPACE PER CAPITA IN ALL OUR CAMPUSES: **41m²**
NATURALITY VALUE IN ALL OUR CAMPUSES: **49.3%**
PERMEABILITY RATE IN ALL OUR CAMPUSES: **54%**

Carbon Footprint Calculation

When the electricity, water, natural gas and fuel consumption of KIYU Campuses is evaluated, it is seen that the amount of carbon released in 1 year is 1.9 Gg (Detailed calculations are included in the KIYU Sustainability Report).

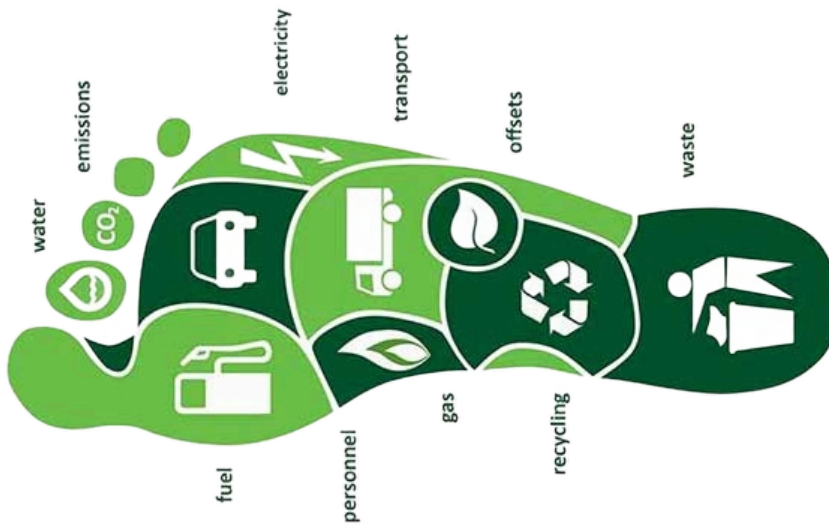




Calculated Carbon Footprint Amount of the Work Area

Fuel Consumption:	153,38 X 10 ⁻³ Gg CO ₂
Natural Gas Consumption:	0,0009 X 10 ⁻³ Gg CO ₂
Water Consumption:	10 X 10 ⁻³ Gg CO ₂
Electricity Consumption:	1.761,08 X 10 ⁻³ Gg CO ₂
TOTAL CARBON FOOTPRINT AMOUNT:	1.924,4 X 10⁻³ Gg CO₂

The amount of carbon absorbed by the green spaces and plants on campus has been calculated as 1.42 Gg. Thus, 74.8% of the 1.9 Gg of CO₂ released from building sites can be absorbed by grass areas, soil areas, and plants (Detailed calculations are included in the KIYU Sustainability Report).



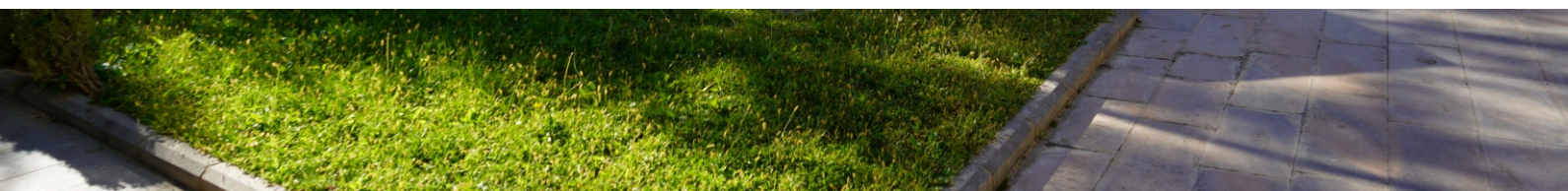
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The amount of carbon released by the green spaces and plants on campus has been calculated as 0.93 Gg. Thus, 49.1% of the 1.9 Gg of CO₂ released from building sites can be absorbed by grass areas, soil areas, and plants (Detailed calculations are included in the KIYU Sustainability Report).

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Calculation of Total Carbon Absorption Amount in KIYU Campuses

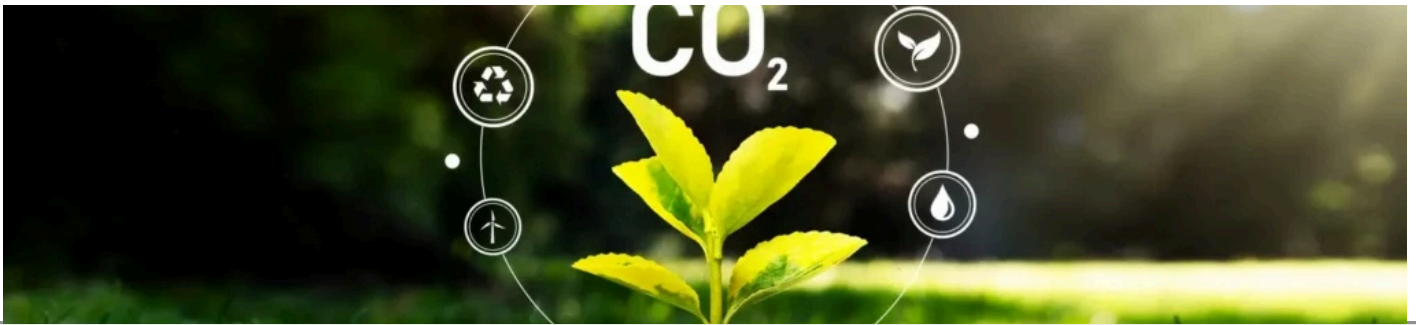
Total Amount of Green Space:	130.594,65 m ²					
Carbon Absorption Amount:	TYPE	QUANTITY	YBA	YK	CO ₂ Equ. (t)	CO ₂ Equ. (Gg)
	Leafy	1356	271,2	127,4	467,1	0,46
	Conifers	2731	409,65	192,5	705,8	0,7
	Bushes	15.488	1548,8	727,9	266,56	0,26
	TOTAL:	19.575	2.229,65	586,46	1439,46	1,42 Gg





Calculation of Total Carbon Stock Amount in KIYU Campuses

Total Amount of Green Space:	130.594,65 m ²							
Carbon Stock Amount:	Percentage	Area	AGB	BGB	TB	Carbon Stock (t)	CO ₂ Equ. (t)	CO ₂ Equ. (Gg)
Leafy	0,07	0,88	105,6	25,3	130,9	61,5	225,5	0,22
Conifers	0,13	1,66	232,4	65,07	297,47	139,8	512,6	0,51
Shrubs and Vines	0,79	10,1	101	20,2	121,2	56,9	208,6	0,20
TOTAL:	2,16	12,64	439	110,57	549,5	258,2	946,7	0,93 Gg



Therefore, the total carbon footprint of KIYU's campuses is calculated as **-0.44 metric tons**. The total population of the campuses is 14,282. The per capita carbon footprint is calculated as a very low amount, at -0.00003. This indicates that KIYU's ability to absorb and store carbon emissions from various activities is quite high.

ZERO WASTE CERTIFICATE

Our university has become one of the leading campuses to achieve the "Zero Waste Certificate," demonstrating its environmental responsibility. This certification is a concrete demonstration of our commitment to using resources efficiently and minimizing waste.

WASTE SEPARATION SYSTEM

Color-coded recycling bins located throughout our campuses form the foundation of our sustainable waste management approach. This ensures that our students and staff actively foster environmental awareness every day.





AUTOMATIC AND DRIP IRRIGATION SYSTEMS

Smart automatic and drip irrigation systems used in our landscapes enhance every drop of water. These systems are a strong example of environmental policy that supports efficient water use in the fight against climate change.

PERMEABLE PARKING LOTS

Our permeable parking lots support the natural rainwater cycle, allowing water to be recycled back into the soil. This environmentally friendly practice is a key element of sustainable campus infrastructure.

PARKING CAPACITY AND PLANNING

13000

m²

A total of approximately

3%

Areas

Proportions of Total Parking Areas

A total of approximately 13,000 m² of parking is available. Parking represents 3% of the total. Our campuses have a high parking space per capita ratio, and sustainability is prioritized in transportation planning. This ensures both orderly traffic flow and environmental harmony.





MOTORCYCLE PARKING AREAS

By limiting motorcycle traffic on our campuses, we have created a quiet, safe, and low-carbon environment. Dedicated motorcycle parking spaces are part of our environmentally sound transportation plan.



ENERGY-SAVING LIGHTING SYSTEMS

LED and sensor-enabled lighting systems used on our campuses save energy and reduce our carbon footprint. Smart energy management furthers our goal of an environmentally friendly campus.



WATER-SAVING FAUCETS

Sensor-enabled faucet systems, available throughout the facility, prevent unnecessary water consumption by only supplying water when needed. This practice represents a concrete step toward protecting water resources.



GREEN AND SOCIAL OPEN SPACES

The extensive green spaces and comfortable seating areas on our campuses are the center of social life, intertwined with nature. These spaces not only preserve the ecological balance but also foster a sustainable lifestyle for our students.





SUSTAINABILITY BUDGET

Our university strengthens its environmentally focused investments by dedicating a certain percentage of its resources each year to sustainability projects. This approach demonstrates an institutional vision that prioritizes environmental sustainability as a budgetary priority.



STUDENT COMMUNITIES AND EVENTS

Sustainability is realized not only through campus practices but also through the volunteer work of our student communities. Our 23 different student communities, aligned with the UN's sustainable development goals, have planned dozens of activities around these goals.

Our students are among the strongest advocates of the green transformation through activities that raise environmental awareness.





WALKING PATHS

The eco-friendly walking paths on our campuses both promote healthy living and reduce carbon emissions. These paths are an integral part of the campus's green transportation vision.

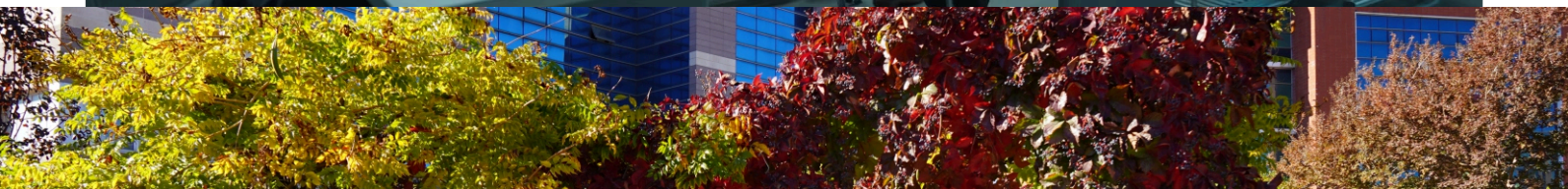


SUSTAINABILITY-FOCUSED COURSES

Our university has made sustainability a fundamental value not only in practice but also in education. We provide our students with a holistic perspective on environmental, economic, and social dimensions through compulsory and elective sustainability courses offered across various faculties. As part of the Rectorate's Common Elective Courses, we offer 94 different courses aligned with the UN's sustainable development goals, available to all students. Additionally, courses such as volunteering and community service practices are compulsory in every department. Thus, we are developing the green transformation leaders of the future.

94

Different Course





BARRIER-FREE AND ACCESSIBLE CAMPUS

Our university embraces a campus life where everyone has equal access. All our campuses feature walkways with sensible surfaces to ensure the safe movement of individuals with visual impairments. Accessible restrooms, accessible elevators, and ramps at building entrances enhance spatial accessibility beyond standards. Furthermore, dedicated accessible parking spaces complement our campus's inclusive design approach. With these practices, we are building a campus life that is not only accessible but also equitable, caring, and sustainable for all.





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