



ABDULLAH GÜL
UNIVERSITY

climate
Action Plan
— 2019-2029 —



Abdullah Gül University
Climate Action Plan 2019-2029

Prepared by
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Publication Year
2019

Revised
2023

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Climate change remains one of the biggest challenges we face worldwide. It is inevitable to fight effectively against this global threat, come together and move towards a sustainable future. Abdullah Gül University (AGU) is aware of this historical responsibility and acts with determination.

Scientists and climate experts around the world agree that we must be in a period where we feel the effects of climate change more clearly. Effects such as increasing temperature, extreme weather events, sea level rise and degradation of ecosystems deeply affect both people and nature. In this context, AGU has prepared this Climate Action Plan in order to take a leading role in the fight against climate change.

This Climate Action Plan includes our targets and strategies for the period between 2019 and 2029. Our plan includes concrete actions on issues such as reducing carbon emissions, increasing energy efficiency, promoting sustainable transportation, improving waste management and adapting to climate change.

This plan also aimed to encourage the participation of our university community and all our stakeholders. Our students, faculty, staff, and local community will play a key role in the successful implementation of this plan. They came together to share our commitment to climate action and achieving our carbon reduction targets and played an active role in the preparation of an important road map.

Implementation of this Climate Action Plan will not only protect our environment, but also teach our students leadership in sustainability and reflect our commitment to leaving a livable world legacy for future generations.

AGU is aware that it bears more responsibility in combating climate change and has taken steps to fulfill this responsibility with this Climate Action Plan. Considering that every institution and individual has a share in the fight against climate change, we will continue our activities to move towards a sustainable future together.



About AGU

AGU, the first Turkish Public University supported by a philanthropic foundation (AGUV), was established on 21 July 2010 and enrolled its first students in the 2013-2014 academic year. AGU was established in the city of Kayseri, a Historical, Industrial and Touristic Hub of Türkiye counting 1,5 Mio inhabitants.

AGU was designed as a Socio-Technical University Model for Higher Education, an on-going initiative supported by the Turkish Ministry of Development. The project was defined with the help of over 20 Search Conferences and 40 Workshops, and has aimed at pioneering the New Generation University model in Türkiye, with unique and innovative curricula and educational processes, with the objective of disseminating the project's findings across all higher education institutions in the country and beyond.

This pilot project, started in 2010 by the Turkish State to reform the Higher Education, was shaped by +700 contributors from Universities, Corporations, NGOs, etc. and is the 1st cross-sectorial initiative for a Hybrid University Model.

AGU, as a research university seeking solutions to global challenges through partnerships and learner-centered approaches, aims to raise citizens who can contribute to their communities and shape the future by converting knowledge into personal and social values.

With its mission focusing on societal impact, AGU targets global challenges, which will also stimulate students' professional careers and ambitions. AGU aspires to the ways of engagement with UN sustainable development goals (SDGs) through the provision of qualified human resources, development of technology, production of patents, founding new start-up companies, running industrial projects, development of economic and social policies, contribution to the culture, and the dissemination of knowledge to the society.

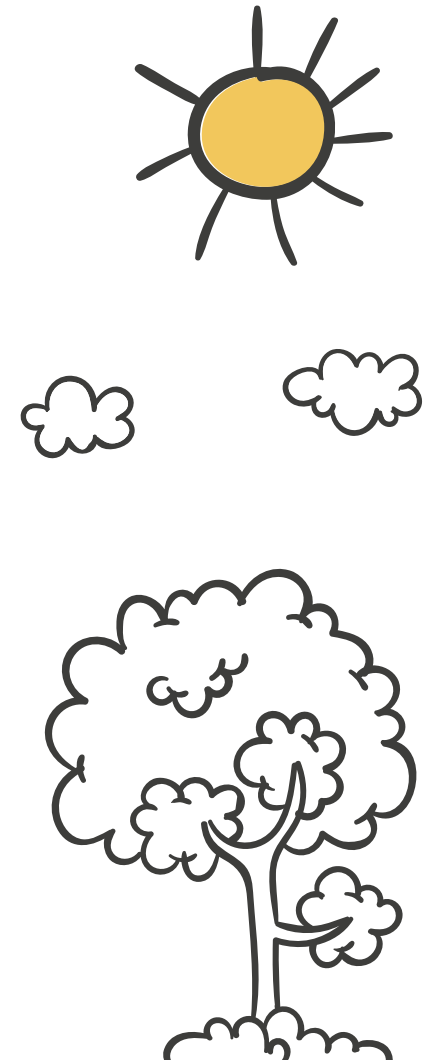
AGU's primary objective is to pioneer "New Generation Universities" by blending the three university missions (1st Education, 2nd Research and 3rd Societal Impact) via innovative approaches, focusing particularly on the 3rd mission.



RELATIONSHIP BETWEEN AGU CLIMATE ACTION PLAN AND SUSTAINABLE DEVELOPMENT GOALS

Environmental sustainability has become an important priority today. In this context, calls have been made to set many international goals such as the UN Sustainable Development Goals, the EU Green Deal and the EU Circular Economy Action Plan. The Paris Climate Agreement, which is a continuation of the Kyoto Protocol process, emerged as a result of all institutions and individuals seeing the increase in environmental problems and trying to prevent them. In this context, with Türkiye becoming a party to the agreement, AGU has made

commitments to reduce this damage in the developing process. Continuing its activities with the awareness of an international university, AGU aims to reduce its environmental impact and contribute to this global movement in the world with its activities to achieve sustainability goals. In line with these, it carries out its activities in accordance with the United Nations Sustainable Development Goals (SDGs). The SDGs supported by this Climate Action Plan are listed below.



Goal	Aims	CAP Focus Areas in AGU
SDG 4	The aim is to ensure inclusive and equitable quality education and provide lifelong learning opportunities for local, national and global communities	Educational programs Training programs Outreach activities Access schemes
SDG 6	The aim is to ensure availability and sustainable management of water and sanitation	Water-conscious use Water-conscious building Water-conscious planting Water reuse projects Water footprint calculation & verification
SDG 7	The aim is to ensure access to affordable, reliable, sustainable and modern energy	Energy efficient consumption Energy efficient renovation and building Energy wastage identification Energy management System Carbon reduction and emission reduction project
SDG 11	The aim is to make cities inclusive, safe, resilient and sustainable	Sustainable commuting arrangements Sustainable commuting projects Building on brownfield sites Sustainable travel Sustainable transportation of goods
SDG 12	The aim is to ensure sustainable consumption and production patterns	Waste management Waste minimizing Waste recycling & reusing Engagement & integration of supplier
SDG 13	The aim is to take urgent action to combat climate change and its impacts	Climate Action Commitment to carbon neutral Carbon footprint calculation & verification Carbon reduction and emission reduction project Energy efficient consumption Low-carbon energy use Collaborate with NGOs
SDG 14	The aim is to conserve and sustainably use the oceans, seas and marine resources	Waste management Plastic waste minimizing Water discharges management Water footprint calculation & verification Sustainably harvested food management Biodiversity protection activities Aquatic ecosystem damage prevention
SDG 15	The aim is to sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss	Sustainable use, conservation and restoration of land Waste management Waste minimizing Sustainably farmed food management Biodiversity protection activities Alien species impact reduction Collaboration for shared land ecosystems
SDG 17	The aim is to strengthen the means of implementation and revitalize the global partnership for sustainable development	Cooperation with government Cooperation with NGOs Cooperation for cross-sectoral dialog Educational programs Training programs

In this context, implementing this plan to fulfill our responsibility as a university in the fight against climate change represents our commitment to leave a livable world for future generations. Together, we will work to achieve these goals and move forward together to build a sustainable future. By reaffirming our commitment to combat climate change and our commitment to support this Climate Action Plan, we declare that we will work together to move towards a sustainable future. This Climate Action Plan includes AGU's goals, objectives, and activities in the following areas towards becoming a carbon neutral university.



Progress in 2023

No	Sub Categories	Reference Year (2021) t CO ₂ e	(2022) t CO ₂ e	Current Year (2023) T t CO ₂ e	Reference Year (2021) Carbon Density (Per Person)	(2022) Carbon Density (Per Person)	Current Year (2023) Carbon Density (Per Person)	Change by The Last Year
1	1.1 Direct emissions from stationary combustion	647,42	913,24	730,02	0,18	0,22	0,16	Decreased
2	1.2 Direct emissions from mobile combustion	35,28	36,32	31,62	0,01	0,008	0,0072	Decreased
3	1.4 Direct fugitive emissions from GHG release in anthropogenic systems	50,39	116,43	121,36	0,01	0,02	0,02	Same
4	2.1 Indirect emissions from imported electricity	1116,21	1500,75	1.387,16	0,32	0,36	0,31	Decreased
5	3.1 Indirect emissions from transportation and distribution of input materials	0	188,22	0,18	0	0,04	0,00	Decreased
6	3.2 Indirect emissions from transportation and distribution of output materials	0	0	-	0	0	0	N/A
7	3.3 Indirect emissions from employees traveling to and from work	130,33	424,29	58,08	0,03	0,10	0,01	Decreased
8	3.4 Indirect emissions from visitors and customers' transportation to the facility	0	118,95	123,25	0	0,02	0,02	Same
9	3.5 Indirect emissions from business travel	16,82	84,01	26,01	0,004	0,02	0,0059	Decreased
10	4.1 Indirect emissions from purchased products	2,17	36,82	38,74	0,0006	0,008	0,008	Same



AGU Calculated emissions for all categories according to the ISO 14064:2018

(Link: <https://sustainability.agu.edu.tr/carbon-management>) version and verified by third party accredited audit company: See below;

Progress in 2023

No	Sub Categories	Reference Year (2021) t CO ₂ e	(2022) t CO ₂ e	Current Year (2023) T t CO ₂ e	Reference Year (2021) Carbon Density (Per Person)	(2022) Carbon Density (Per Person)	Current Year (2023) Carbon Density (Per Person)	Change by The Last Year
11	4.2 Indirect emissions from capital assets	0	4,76	407,78	0	0,001	0,09	Increased
12	4.3 Indirect emissions from the disposal of solid and liquid waste	5030,34	27,50	5,25	1,45	0,006	0,0012	Decreased
13	4.4 Indirect emissions from the use of assets not owned by the business	0	0,56	26,75	0	0,0001	0,0061	Increased
14	4.5 Indirect emissions from use of other services	131,68	0	278,84	0,03	0	0,06	Increased
15	5.1 Indirect emissions from the use phase of the product	0	0	-	0	0	0	N/A
16	5.2 Indirect emissions from the use of capital assets owned by the facility	0	0	-	0	0	0	N/A
17	5.3 Indirect emissions from waste management after the product becomes waste	0	0	-	0	0	0	N/A
18	5.4 Indirect emissions from investments	0	0	1.514,86	0	0	0,34	Increased
19	6 Indirect emissions from other sources	0	150,07	138,72	0	0,03	0,03	Decreased
Total		7160,69	3601,97	4.888,63	2,06	0,87	1,06	Increased
Total without investment		7160,69	3601,97	3,373.77	2,06	0,87	0,73	Decreased

NOT: Although carbon intensity increased due to investments in 2023, per capita carbon intensity decreased by 16% if investments were excluded.





Greenhouse Gas Verification Statement

Sera Gazı Doğrulama Beyanı

ABDULLAH GÜL ÜNİVERSİTESİ

Organizational Boundaries / Organizasyonel Sınırlar

Sümer Kampüsü 38080 Kayseri, Türkiye

The Greenhouse Gas emissions inventory has been verified to meet the standard requirements specified below according to ISO 14064-3:2019 / Sera Gazı emisyonları envanterinin, ISO 14064-3:2019'a göre aşağıda belirtilen standart gerekliliklerini karşıladığı doğrulanmıştır.

ISO 14064-1:2018

Category 1- Direct Emissions / Doğrudan emisyonlar	883,00	t CO ₂ eq
Category 2- Emissions from imported energy / İthal edilen enerji kaynaklı emisyonlar	1.387,16	t CO ₂ eq
Category 3- Emissions from transportation / Ulaşım kaynaklı emisyonlar	207,51	t CO ₂ eq
Category 4- Emissions from products, service used / Kullanılan ürün - hizmet kaynaklı	757,37	t CO ₂ eq
Category 5- Emissions from associated with the use of the product / Ürün kullanımı	1.514,86	t CO ₂ eq
Category 6- Other Emissions / Diğer emisyonlar	138,72	t CO ₂ eq
Total Emissions (Location Based) / (Lokasyon Bazlı)	4.888,63	t CO₂ eq
Total Emissions (Market Based) / (Market Bazlı)	4.888,63	t CO₂ eq
Category 2- Emissions (Location Based) / (Lokasyon Bazlı)	1.387,16	t CO ₂ eq
Category 2- Emissions (Market Based) / (Market Bazlı)	1.387,16	t CO ₂ eq

I-REC Reference Number/ I-REC Referans No:

Level of Assurance / Güven Seviyesi	: Reasonable / Makul	Verification Report Date / Doğrulama Rapor Tarihi	: 02.04.2024
Reporting Period / Raporlama Dönemi	: 01.01.2023 - 31.12.2023	Statement No / Beyan No	: SG-GNL-085 / 2023

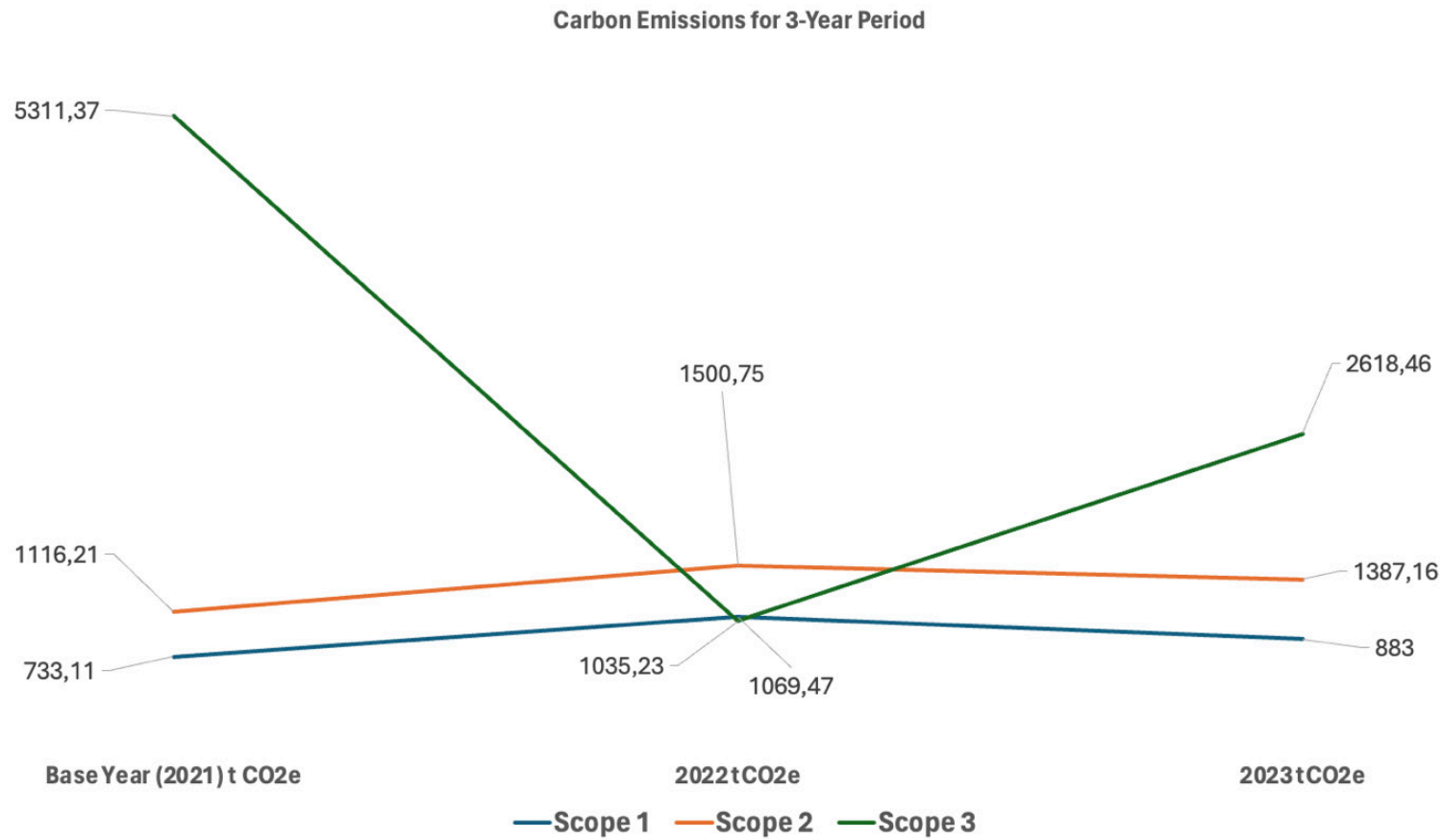
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Carbon Emissions of AGU for 3-Year Period



Net Emission Differences by the Last Year

Categories	2022	2023	Difference Amount	Difference in % by the Last Year
Category 1	1069,469	883	186,469	17%
Category 2	1500,75	1387,16	113,59	8%
Category 3	815,48	207,51	607,97	75%
Category 4	69,66	757,37	-687,71	-987%
Category 5	N/A	1514,86	1514,86	N/A
Category 6	150,08	138,72	11,36	8%
Net Total Emissions	3605,439	4888,62		



1. Climate Action

Dimension	Goal	Targets	Target Year	Activities	Main Responsible	Support departments	Status of activities
Climate Action	G.1 Achieving Carbon Neutrality by 2029	T.1 Reduce net emissions from category 1 to zero by 2027	2027	A.1 Calculate and verify category 1 emissions	Sustainability Office	Construction and Technical Works Department Energy Management Unit waste management committee	Achieved
				A.2 Evaluate carbon pricing mechanisms			Progress
				A.3 Prioritizing emission sources according to emission amounts for reduction			Achieved
		T.2 Reduce net emissions from category 2 to zero by 2024	2024	A.4 Calculate and verify category 2 emissions			Achieved
				A.5 Evaluate carbon pricing mechanisms.			Progress
				A.6 Prioritizing emission sources according to emission amounts for reduction			Achieved
		T.3 Reduce net emissions from categories 3,4,5,6 %40 by 2028	2028	A.7 Calculate and verify categories 3,4,5,6 emissions			Achieved
				A.8 Evaluate carbon pricing mechanisms.			Progress
				A.9 Prioritizing emission sources according to emission amounts for reduction			Achieved

AGU managed to reduce its Category 1 net emissions from 1069.47 to 883, representing a 17% reduction in net emissions in this category compared to last year. A similar improvement was observed in the net emission values of AGU belonging to Category 2. AGU succeeded in decreasing its Category 2 net emissions from 1500,75 to 1387,16, representing a %7.5 reduction in net emissions in this category compared to last year. AGU was also successful in reducing its net emissions from Category 3 (from 815,48 to 207,51) and Category 6 (from 150,08 to 138,72). It can be said that AGU has been progressing in reducing its net carbon emissions in parallel with the targets specified in the Climate Action plan. These improvements can be evaluated as important indicators demonstrating AGU's strong commitment to being a carbon-neutral university by 2029. On the other hand, AGU has increased its net carbon emissions from Category 4 (from 69,66 to 757,37) and Category 5 (from N/A to 1514,86) due to its ongoing investments at the Sümer Campus.



2. Energy

Dimension	Goal	Targets	Target Year	Activities	Main Responsible	Support departments	Status of activities
Energy	G.2 Achieving Energy efficient consumption	T.4 Reducing Electrical Intensity by 2% every year	2023	A.10 To ensure that periodic maintenance is carried out on time.	Construction and Technical Works Department	Sustainability Office Energy Management Unit Waste Management Committee	Achieved
				A.11 To replace equipment that significantly reduces energy efficiency with new systems.			Achieved
				A.12 Preferring energy efficiency products and materials to be purchased			Achieved
				A.13 To ensure that controls regarding energy efficiency are carried out on time.			Achieved
	G.3 Achieving Energy efficient renovation and building	T.5 Reducing Natural Gas Consumption 2% every year	2023	A.14 To ensure that periodic maintenance is carried out on time.			Achieved
				A.15 To replace equipment that significantly reduces energy efficiency with new systems.			Achieved
				A.16 Preferring energy efficiency products and materials to be purchased			Progress
	G.4 Establishing Energy management System	T.6 Reducing Fuel Consumption 2% every year	2023	A.17 To ensure that controls regarding energy efficiency are carried out on time.			Achieved
				A.18 To ensure that all vehicles are maintained periodically.			Achieved
	G.5 Achieving Low-carbon energy use	T.6 Reducing Fuel Consumption 2% every year	2023	A.19 Having regular emission inspections			Achieved
				A.20 Providing training to drivers and users on economical driving techniques			Progress
				A.21 Having periodic training for all			Achieved
		T.7 Increasing Energy Efficiency Training Hours by 2% every year	2023	A.21 Having periodic training for all			Achieved
	T.8 Establishing Energy management System	2023	A.22 Fulfillment of system requirements	Achieved			
	T.9 Increasing energy production from solar energy 20% by 2026	2026	A.23 Solar panels installation	Progress			



AGU managed to reduce its electrical intensity from 760,71 to 727,61 by the last year, representing a %4.3 reduction, and it has been successful in actualizing Target 4 in the Energy section. AGU has also been successful in actualizing its target related to natural gas consumption (Target 5) from 434.404,51 to 424.489, 31, representing a %2.2 reduction. AGU has sustained its commitment to energy efficiency and provided its staff with various trainings on energy efficiency. In 2023, a total of 8 trainings on energy efficiency were provided to staff. These trainings, which required voluntary participation, lasted 6.9 hours (414 min.) in total. AGU continues its efforts in the field of establishing an Energy Management System with determination (Target 8). Please note that all achieved targets are integrated into business processes and are improved periodically every year.

Progress in 2023

AGU Energy Management Unit Directive published.

Energy Efficiency Policy published.

Energy Efficiency Strategy published.

Savings Target and Implementation Guide In Public Buildings published.

Energy Efficiency Checklist published.

LEED Silver Award owned.

ISO 50001 Energy Management System was established. <https://enerji.agu.edu.tr/>

Energy Audit conducted by third party company with licence

Solar Panels installed



3. Waste

Dimension	Goal	Targets	Target Year	Activities	Main Responsible	Support departments	Status of activities	
Waste	G.6 Implementation Waste management	T.10 Reduce general waste per person by 5% every year	2024	A.24 Having periodic training for all	Waste Management Committee	Construction and Technical Works Department Department of Health, Culture and Sports Sustainability Office	Progress	
		T.11 Reducing plastic waste per person by 7% every year	2024	A.25 Having periodic training for all			Progress	
	G.7 Achieving Waste minimizing	T.12 Establishing waste management System	2022	A.26 Fulfillment of system requirements			Achieved	
		T.13 At least 70% of suppliers achieve plastic Free goods and services	2026	A.27 Supplier management systems and plans			Progress	
	G.8 Increasing Waste recycling & reusing	T.14 Improving disposal methods for 20% of waste	A.28 Implementing circular economy initiatives.	2026			A.29 Project implementation with NGOs and Municipality	Progress
								Progress

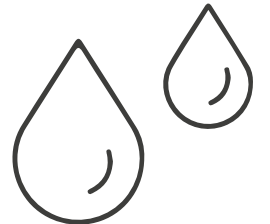
2023 Progress

Waste Management Commission has worked actively.
 Campus Waste Management Activities were carried out.
 Waste Management Directive was implemented.
 Plastic Use Reduction and Disposable Products Policy was created.
 All wastes were included AGU GHG calculations and verified by third partly company.
 Zero Waste Certificate implemented
AGÜ Technical Specifications for Food Tender was applied.
 Paper use has been reduced with electronic systems.



4. Water

Dimension	Goal	Targets	Target Year	Activities	Main Responsible	Support departments	Status of activities
Water	G.10 Achieving Water-conscious use	T.15 Reducing water Intensity by 3% everyyear	2024	A.30 Having periodic training for all	Construction and Technical Works Department	Sustainability Office Energy Management Unit Waste Management Committee	Progress
	G.11 Achieving Water-conscious building			A.31 Ensuring that all water-consuming fixtures and urinal have sensors to minimize water consumption			Achieved
	G.12 Achieving Water-conscious planting			A.32 Planting periodic water-conscious plants			Achieved
	G.13 Implementing Water reuse projects			A.33 Re-examination of existing water equipment in line with new criteria			Progress
	G.14 Water footprint calculation & verification	T.16 Increasing collected rainwater by 40% by 2027	2027	A.34 installation of new rainwater harvesting systems			Progress
	G.15 Improving Water discharges management	T.17 Increasing the amount of recycled water by 40% by 2025	2025	A.35 Expanding the gray water collection system to all buildings to reuse water in sinks			Progress
	G.16 Providing Aquatic ecosystem damage prevention	T.18 Establishing water footprint management System	2023	A.36 Fulfillment of system requirements			Achieved



Progress in 2023

Water footprint calculated according to the ISO 14046 Water footprint version and verified by third party accredited audit company.

Indicator	Unit	Amount
Green Water Footprint	m ³ /year	108
Blue Water Footprint	m ³ /year	164674,41
Gray Water Footprint	m ³ /year	13306,84

Water Management Policy revised.

Grey Water Treatment System continued.

LEED Silver Award owned.

90% of the faucets used have sensors and water-saving spray filters are used at the ends of the taps.



Water Footprint Verification Statement
Su Ayakizi Doğrulama Beyanı

ABDULLAH GÜL ÜNİVERSİTESİ

Organizational Boundaries / Organizasyonel Sınırlar

Sümer Kampüsü 38080 Kayseri, Türkiye

The Water Footprint report has been verified to meet the standard requirements specified below according to ISO 17029:2019 / Su Ayakizi Raporunun, ISO 17029:2019'a göre aşağıda belirtilen standart gerekliliklerini karşıladığı doğrulanmıştır.

ISO 14046:2014

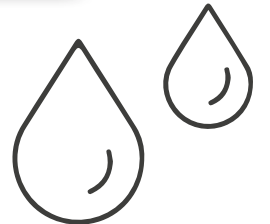
Blue Water Footprint / Mavi Su Ayakizi	164674,41	m ³
Gray Water Footprint / Gri Su Ayakizi	13306,83	m ³
Green Water Footprint / Yeşil Su Ayakizi	108	m ³

Level of Assurance / Güven Seviyesi	: Reasonable / Makul	Verification Report Date / Doğrulama Rapor Tarihi	: 02.04.2024
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4. Commuting and Transportation

Dimension	Goal	Targets	Target Year	Activities	Main Responsible	Support departments	Status of activities
Commuting and Transportation	G.17 Achieving Sustainable commuting arrangements	T.19 By 2026, at least 35% of students will come to university on foot	2026	A.37 Having periodic training for all	Department of Health, Culture and Sports	Sustainability Office Energy Management Unit Waste Management Committee Construction and Technical Works Department	Progress
		T.20 At least 45% of students should cycle to university by 2026	2026	A.38 Develop a Campus Transport and Accessibility Plan			Progress
				A.39 Providing secure bicycle storage and end-of-trip facilities in key campus locations			Achieved
				A.40 Establishing bicycle sharing system			Progress
	G.18 Achieving Sustainable commuting projects	T.21 By 2026, at least 10% of students should come to university by public transport	2026	A.41 Develop a Campus Transport and Accessibility Plan			Progress
	G.19 Achieving Sustainable travel	T.22 By 2026, at least 45% of employees will have access to university on foot.	2026	A.42 Having periodic training for all			Progress
		G.20 Achieving Sustainable transportation of goods	T.23 At least 20% of employees should cycle to university by 2026	2026			A.43 Develop a Campus Transport and Accessibility Plan
	A.44 Providing secure bicycle storage and end-of-trip facilities in key campus locations						Achieved
	A.45 Establishing bicycle sharing system						Progress
	T.24 By 2026, at least 25% of students must come to university by public transport	2026	A.46 Develop a Campus Transport and Accessibility Plan	Progress			
T.25 Replacing university vehicles with electric vehicles and promoting the use of electric vehicles	2027	A.47 Evaluating opportunities to install AV and VC facilities and promote these as an alternative to travel	Waiting				



4. Commuting and Transportation

Dimension	Goal	Targets	Target Year	Activities	Main Responsible	Support departments	Status of activities
Commuting and Transportation	G.17 Achieving Sustainable commuting arrangements	T.26 Decrasing carbon emissions from work travel %10 by 2024	2024	A.48 Measuring and offset business travel carbon emissions	Department of Health, Culture and Sports	Sustainability Office Energy Management Unit Waste Management Committee Construction and Technical Works Department	Achieved
	G.18 Achieving Sustainable commuting projects						Progress
	G.19 Achieving Sustainable travel	T.27 Achieving Sustainable transportation of goods 40% by 2026	2027	A.49 Establishing supplier management system			Progress
	G.20 Achieving Sustainable transportation of goods						Progress

2023 Progress

Revised campus transportation plan

Pedestrian-Friendly Campus

All commuting and travels were included in AGU GHG calculations and verified by third partly company.

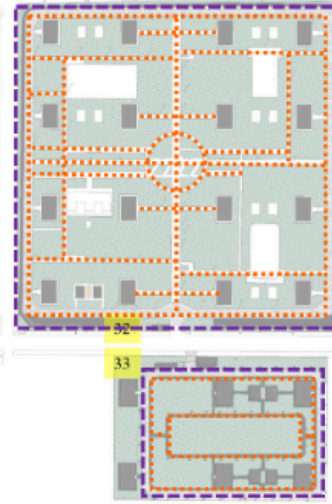
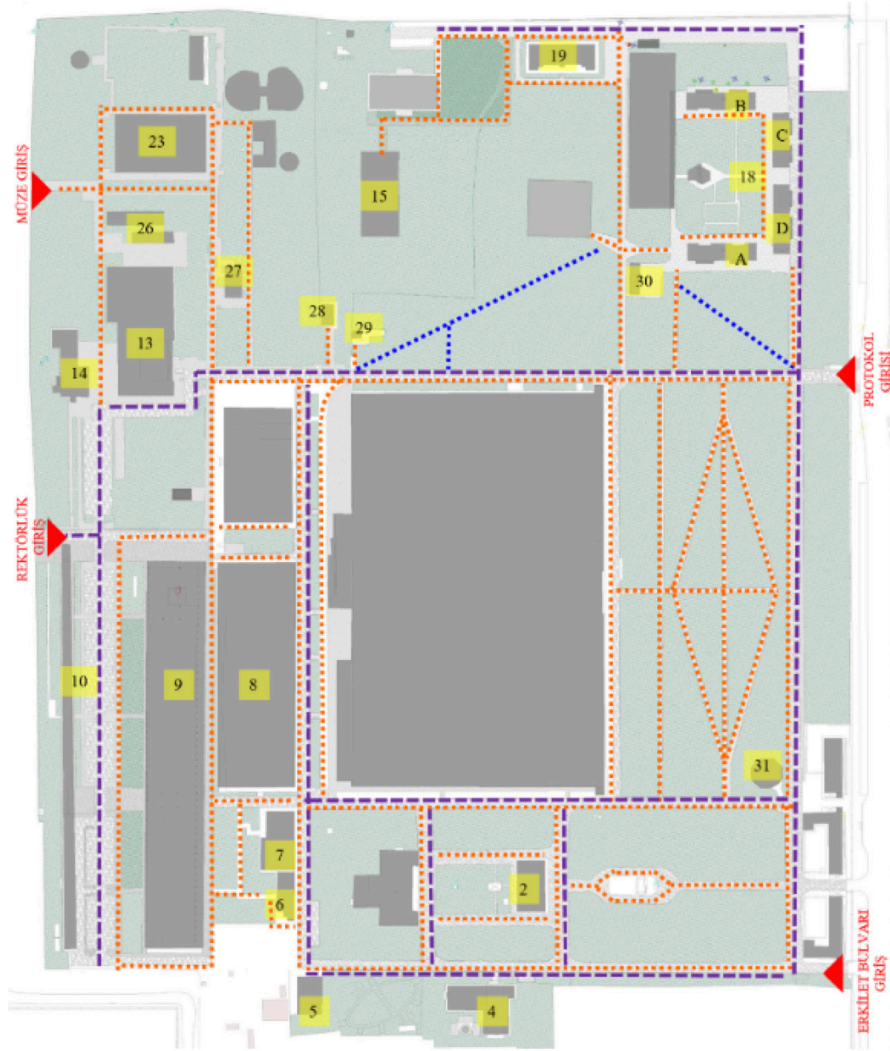
free transportation services to its members provided.

Supplier survey was conducted.

Campus Transport and Accessibility Plan has been prepared.

AGU revised its on-campus transportation system and switched to a vehicle registration system. Thus, a limited number of vehicles were allowed to enter the campus and the roads within the campus were rearranged to prevent the use of vehicles to travel from one place to another within the campus. The campus is only suitable for pedestrian, bicycle, and scooter transportation. You can see the AGU Sümer Campus campus map below.





Eğitim, araştırma, sosyal ve kültürel açık ve kapalı alanlara sahip olan Sümer Kampüsü doğu ve batı cephelerinde yer alan dört adet giriş noktasına sahip olup, batı cephesindeki Protokol girişi ile doğu cephesindeki Rektörlük giriş noktaları aktif olarak kullanılmaktadır.

Kampüs içerisinde yoğun bir yaya ulaşım ağı mevcut olup; acil durumlar ve ulaşım kolaylığı adına planlanmış araç yolları bulunmaktadır.

ULAŞIM ŞEMASI

- ARAC YOLU
- YAYA YOLU
- PLANLANAN YAYA YOLU



5. Land

Dimension	Goal	Targets	Target Year	Activities	Main Responsible	Support departments	Status of activities
Land	G.21 Building on brownfield sites	T.28 Making 80% of brownfield areas available for use by 2025	2025	A.50 Making AGU's brownfield areas available for use	Administrative and Financial Affairs Department	Sustainability Office Energy Management Unit Waste Management Committee Construction and Technical Works Department Department of Health, Culture and Sports	Achieved
	G.22 Biodiversity protection activities	T.29 Increasing the number of biodiversity conservation activities by 10%	2023	A.51 Carrying out at least one tree planting event every year to improve the natural environment or biodiversity (minimum 300 trees)			Achieved
	G.23 Sustainable use, conservation, and restoration of land	T.30 To fully carry out sustainable use, protection and restoration of the land	2023	A.52 Ensuring all planting use minimum of 70% indigenous species, with a preference for drought-resistant species			Achieved
	G.24 Alien species impact reduction			A.53 Implement the plan for sustainable use, conservation and restoration of land			Progress
	G.25 Collaboration for shared land ecosystems	T.31 Creating policies to reduce the impact of alien species	2023	A.54 Establish alien species management system			Achieved

2023 Progress

Alien species policy was created.

Restoration was made with special permission.

330 drought-resistant species trees were planted.

Brownfield areas of AGU were used for cultivation by Talas Municipality

Sustainable Farmed Food Policy was created.

AGU Bostan was realized in an 800 square meter area within the Sümer Campus, for an ecological, sustainable and public collective campus experience.



6. Supplier Management

Dimension	Goal	Targets	Target Year	Activities	Main Responsible	Support departments	Status of activities
Supplier Management	G.26 Engagement & integration of supplier	T.32 Ensuring the participation and integration of all suppliers by 2027	2027	A.55 Implementation of the Sustainable Supply Roadmap	Administrative and Financial Affairs Department	Sustainability Office Energy Management Unit Waste Management Committee Construction and Technical Works Department Department of Health, Culture and Sports	Progress
				A.56 Evaluating the environmental impacts of the supply chain with survey			
	G.27 Sustainably harvested food management	T.33 Increasing the use of sustainably harvested food by 40% by 2026	2026	A.56 Review of food and agricultural products specifications			Achieved
	G.28 Sustainably farmed food management						Progress

2023 Progress

Ethical Sourcing Policy was implemented.

Supplier **Sustainability Survey** was conducted.



7. Collaborations

Dimension	Goal	Targets	Target Year	Activities	Main Responsible	Support departments	Status of activities
Collaborations	G.29 Increasing collaborations with government	T.34 Collaborations with government institutions	2023	A.57 To carry out at least 3 collaborations on issues within the climate action plan	Vice rector responsible for stakeholders	All departments	Achieved
	G.30 Increasing collaborations with NGOs	T.35 Collaborations with NGOs	2023	A.58 To carry out at least 3 collaborations on issues within the climate action plan			Achieved
	G.31 Increasing collaborations for cross-sectoral dialog	T.36 Collaborations for cross-sectoral dialog	2023	A.59 To carry out at least 3 collaborations on issues within the climate action plan			Achieved

2023 Progress

Protocol with Ardahan Municipality : <https://agunews.agu.edu.tr/may-2022/Issue%2068/cooperation-protocol-from-agu-143>

Protocol with Kayseri Women Entrepreneurs Board:

<http://www.agu.edu.tr/haberler/7258/TOBB%20Kayseri%20Kad%C4%B1n%20Giri%C5%9Fimciler%20Kurulu%20ile%20%C4%B0%C5%9F%20Birli%C4%9Fi%20Protokol%C3%BC%20%C4%B0mzaland%C4%B1>

Partnership for Kayseri Model Factory with Kayseri Chamber of Industry, Kayseri Chamber of Commerce

Collaboration with Global Solution Initiative

Collaboration with SDSN



8. Education, Training and Activities

Dimension	Goal	Targets	Target Year	Activities	Main Responsible	Support departments	Status of activities
Education, Training and Activities	G.32 Conducting Educational programs	T.37 Increasing the number of Education, Training and Activities by 5% every year	2023	A.60 Organizing at least 3 Educational programs every year	Education Commission	Academic departments	Achieved
	G.33 Conducting Training programs		2023	A.61 Organizing at least 3 Training programs every year	Education Commission	Academic departments	Achieved
	G.34 Conducting Outreach activities		2023	A.62 Organizing at least 3 Outreach programs every year	Youth Factory	All departments	Achieved
	G.35 Conducting Access schemes		2023	A.63 Organizing at least 3 Access schemes every year	Technology Transfer Office	All departments	Achieved

2023 Progress

a. Educational Programs

Sustainability oriented courses were prepared. The courses that address sustainability with its economic, environmental and social dimensions and are offered by the Sustainability Center are listed below. **CLICK HERE to access the course catalogs.**

AGU Global Issues and Responsibilities Curriculum (GLB)

Affordable & Clean Energy

"Water Resources Engineering." (CE374), "Water & Wastewater Treatment Engineering." (CE 475).

Clean Water Access Infrastructure in Developing Countries Course.



b. Training Programs

"Sustainable Cities and Communities"

"Climate Change Training Series".

Think about the Future, Take Action! Trainer Training for a Sustainable Future Focusing on Classroom Teachers

• Learn-Transform Project from Kayseri Model Factory

Sustainable Cities and Communities Training



9. AGU provides dedicated training on environmental aspects of Sustainability such as ISO 50001 Energy Management System Awareness Training, Energy Efficiency for employees, etc every year. Also includes orientation training for new hires and 186 people received 11.2 hours of training in 2023

Number	Training Subject	Hour	Date
1	Zero Waste Project Training	2	Mar.23
1	Quality Management System and PDCA Cycle	1	Oct.23
3	Grounding Training in Electrical Installations	1	Oct. 23
4	ISO 50001 Energy Management System Awareness Training	1,8	Nov.23
5	Energy Efficiency 1	0,6	Nov.23
6	Energy Efficiency 2	1,1	Nov.23
7	Energy Efficiency 3	0,4	Nov.23
8	Energy Efficiency 4	0,6	Dec.23
9	Energy Efficiency 5	1,4	Dec.23
10	Energy Efficiency 6	0,8	Dec.23
11	Energy Efficiency 7	0,6	Dec.23
TOTAL (Hour)		11,2	
TOTAL (Minutes)		669	



c. Workshops:

"Partnership for Goals"

International World Water Day

Life in Water

Sustainable Development Goals Workshop

Climate Action

Workshop on Energy Efficiency in Municipal Services and Heating & Cooling Sector

d. The seminars:

"Climate Change and Its Global Impacts"

"Roadmap for Preparing Your City's Local Climate Action Plan"



General Result

AGU has been awarded **THE Awards Asia**: Outstanding Contribution to Environmental Leadership for its activities.

AGU ecosystem is comprised of international, national, and local collaborations with organizations such as United Nations High Commissioner for Refugees (UNCHR), United Nations Development Programme (UNDP), UN Academic Impact, SDG Universities, Global Solutions Initiatives, and the Sustainable Development Solutions Network. In all of its activities, AGU seeks to increase its impact by forming strong partnerships. The AGU's ecosystem has two clear dimensions: (1) Corporate practices as an exemplary leader: Significant evidence for AGU's Outstanding Contribution includes its Strategic

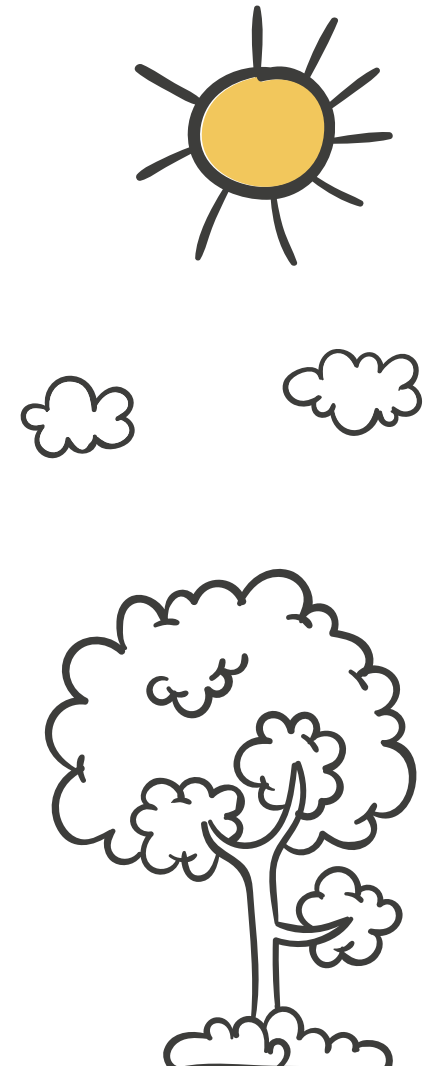
Plan, Climate Action Plan, Zero Waste and LEED Certificate, ISO 14064:2018 Certificate, etc. (2) Teaching & research practices, to increase the awareness of citizens. AGU's departments such as the Career Center, AGU Academy, Creative Hub, Children University, Technology Transfer Office (TTO), and the Youth Office are tasked with providing instruction and research not only for students, but also for the broader community, including industry partners, kindergarten, primary, and high school students. To summarize, 2944 AGU students attended GLB course, 784 industry experts attended SDG awareness training for climate action, 757 kindergartens, primary and high school students attended environmental awareness training and workshops



CONCLUSION

The AGU Climate Action Plan reflects a commitment to promoting environmental sustainability not only on our campus, but also globally. This action plan is a reflection of our belief that we must take action in the fight against climate change and reflects our commitment to contribute to building a better world for future generations. Making this plan a success is not just an effort among university administration, students, and staff, but also requires the participation of all community members. Sustainability must become part of the daily life of each of us. Energy saving, waste reduction, green transportation and sustainability in education are areas that are our responsibility.

This action plan will not only make our campus more sustainable, but also provide opportunities for our students and staff to play a more conscious and active role in combating climate change. These steps we take towards a sustainable future can have positive effects both on our campus and around the world. Thank you to everyone who contributed to the success of this plan.





ABDULLAH GÜL
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climate
Action Plan
— 2019-2029 —