



# T.C. KÜTAHYA DUMLUPINAR UNIVERSITY

## SUSTAINABILITY REPORT 2019-2020



Kütahya, 2021





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## MESSAGE FROM THE RECTOR



Kütahya Dumlupınar University was founded in 1992 in Kütahya, which is characterized as the city where the struggle for "Establishment and Liberation" was fought. Kütahya Dumlupınar University adopts the vision of raising competent individuals in the field with the responsibility of scientific research and service to the society. Today, it is among the respected educational institutions of our country with its physical facilities, educational tools and equipment and successful academic staff.

Kütahya Dumlupınar University is a university that is aware of its responsibilities towards the environment and society. In line with this awareness, it carries out its activities in line with lifelong learning policy, social university policy and education and environmentally friendly campus policy. Within the scope of its lifelong learning policy, it tries to provide educational opportunities for the needs of the society; organizes activities and trainings that will improve public awareness within the scope of social university policy; strives to maintain the green campus concept within the scope of education and environmentally friendly campus policy.

Kütahya Dumlupınar University has been included in the GreenMetric University Sustainability Rating to evaluate its work in line with these policies. The GreenMetric University Sustainability Rating is a platform that promotes internationalization with the participation of prestigious universities from all over the world, draws attention to sustainability issues and aims to create global



awareness of environmental awareness. In addition, Kütahya Dumlupınar University presents its efforts to contribute to sustainability to the information of its stakeholders through its sustainability report, which it has prepared in line with the principles of transparency and accountability within the framework of its corporate governance approach. "Kütahya Dumlupınar University Sustainability Report 2020" is the first sustainability report of our university, and we plan to present it to our stakeholders through our sustainability reports that we will prepare in the following years

I would like to thank firstly Associate Professor Özgür Saygın, who is DPU Quality Coordinator, for their valuable contributions during the preparation of this report. In addition, I would like to thank Associate Professor Filiz Yüksel, who is DPU Quality Coordinator Assistant, DPU Quality Coordination Team and all our stakeholders for their contributions in the preparation process of this report.

Professor Doctor Kazım UYSAL  
Kütahya Dumlupınar University  
Rector



## MESSAGE FROM THE QUALITY COORDINATOR

“Kütahya Dumlupınar University Sustainability Report 2020” is the first sustainability report of Kütahya Dumlupınar University.

This report presents the sustainability efforts of Kütahya Dumlupınar University, which carries out its activities within the framework of sustainability policies, and the results of these efforts.

Prepared in line with the GreenMetric University Sustainability Rating criteria and indicators, this report consists of 6

main sections: structure and infrastructure, energy and climate change, waste, water, transportation, education and research.

In the Building and Infrastructure section, information on green areas, maintenance activities, disabledfriendly university structures and practices, security and health services for students and staff, biodiversity and wildlife protection programs implemented by the university are included in the structure and infrastructure section.

In the Energy and Climate Change section, explanations are given about the use of energy, the degree of benefiting from renewable energy sources, greenhouse gas emission reduction programs and the programs implemented by the university to reduce climate change.

In the Waste section, it is explained how much of our university's organic, inorganic, toxic wastes and sewage wastes are disposed of or processed.

In the Water section, the programs implemented by the university on water saving, recycling and treated water consumption and the amount of water saved are explained.

In the Transportation section, information is given about the services provided by our university in order to reduce the greenhouse gas emissions caused by transportation, the zero emission vehicle policies and practices of the university, and the usefulness and reliability of the pedestrian roads on the university campus.

In the Education and Research section, information on courses that can be associated with sustainability, academic studies, social responsibility projects, student societies and the work of these communities are included.

In the preparation and presentation of the report, DPU Quality Coordination Department spent a lot of time and devoted and harmonious teamwork was carried out. I would like to thank firstly Associate Professor Filiz YÜKSEL, who is DPU Quality Coordinator Assistant, DPU Quality Coordinator's staff and other academic and administrative staff who provided data.



Associate Professor Özgür SAYGIN  
Kütahya Dumlupınar University  
Quality Coordinator

## INSTITUTIONAL VALUES

### Mission

- To train individuals with professional competencies with the responsibility of scientific research and community service.

### Vision

- To educate individuals who have professional knowledge and skills preferred in their fields.











## STRATEGIC GOALS AND TARGETS

**Objective 1: Increasing the weight of practice in education.**

**•Targets**

- Updating course content and outputs for practice.
- Updating laboratories and ateliers.

**Objective 2: Creating course curricula by taking into account the views of external stakeholders.**

**•Targets**

- Establishment of the regulation regulating the activities of the Advisory Board of Education Programs.
- Inclusion of employment courses in the curriculum (business foreign language, entrepreneurship, etc.).
- Updating curricula based on technology and Informatics

## KUTAHYA DÜMLUPINAR UNIVERSITY IN NUMBERS

<ul style="list-style-type: none"><li>• 11 Faculty</li><li>• 1 School of Foreign Language</li><li>• 14 Vocational School</li></ul>	<ul style="list-style-type: none"><li>• 1 Institute</li><li>• 22 PhD Programs</li><li>• 56 Thesis Master's Programs</li><li>• 20 Non-Thesis Master's Programs</li></ul>	<ul style="list-style-type: none"><li>• 7 Coordinatorships</li><li>• 2 Language Centers</li><li>• 27 application and Research Centers</li></ul>
<ul style="list-style-type: none"><li>• 47.624 Students</li><li>• 5.263 Foreign Students</li></ul>	<ul style="list-style-type: none"><li>• 1.631 Academic and Administrative Staff</li></ul>	<ul style="list-style-type: none"><li>• 103 Student Community</li></ul>



- 5.107 Number of Scientific Publications in International Indices

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- 381.656 Number of Printed and Electronic Resources in the Library

- 43 Seminars
- 29 Panels
- 114 Awards
- 14 Social Events
- 1 International Competition
- 21 Exhibitions

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- 131 Number of Activities Regarding Social Integration and Inclusion for Disadvantaged Groups

- 94.367 Number of Certificates Given by Continuing Education Center and Language Center for Vocational Education

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- 51.864 square meters of Social Facilities per Student

## [1] SETTING AND INFRASTRUCTURE

### [1.1]. Number of Campus Sites

	<p>Kütahya Dumlupınar University Turkey</p>
	<p>Kütahya Dumlupınar University Turkey</p>



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Kütahya Academy of Economics and Administrative Sciences, which forms the core of Kütahya Dumlupınar University, was established on October 12, 1974, under the name of Kütahya School of Management Sciences, affiliated to Eskişehir Academy of Economic and Commercial Sciences.

The college, which started its education in a two-storey building near the Kütahya Zafer Square on December 4, 1974 and is now affiliated with the Presidency of the Turkish Manuscripts Institution, was upgraded to a faculty by the Academy on February 15, 1979 and renamed the Kütahya Faculty of Management Sciences. With the Decree Law No. 41 on 20 July 1982, the institution was organized as Kütahya School of Administrative Sciences, affiliated to Anadolu University Faculty of Economics and Administrative Sciences. In 1987, it was named Kütahya Faculty of Economics and Administrative Sciences by law.

Dumlupınar University was separated from Anadolu University by law on 11 July 1992.

**Kütahya Dumlupınar University Campuses:**

1. Evliya Çelebi Campus
2. Germiyan Campus
3. Altıntaş Vocational School
4. Çavdarhisar Vocational School
5. Domaniç Hayme Ana Vocational School
6. Dumlupınar Vocational School
7. Emet Meslek Vocational School
8. Gediz Vocational School
9. Hisarcık Vocational School
10. Pazarlar Vocational School
11. Simav Vocational School
12. Şaphane Vocational School
13. Tavşanlı Vocational School



Altıntaş  
Vocational  
School

The fact that the Vocational School is close to the surrounding provinces provides an important advantage for the students. The vocational school continues its educational activities with the departments of Postal Services, Population and Citizenship, Food Technology, Food Quality and Control Analysis, Laboratory Technology.



Çavdarhisar  
Vocational  
School

Çavdarhisar Vocational School was founded in 1994. The vocational school continues its educational activities with the departments of Tourist Guidance.





Domaniç  
Hayme Ana  
Vocational  
School

The vocational School started its education life in the 1994-1995 academic year in line with the principle of raising qualified manpower in parallel with the developing country's economy and technology. The vocational school continues its educational activities with the departments of Banking and Insurance, Logistics, Social Security and Information Management.



Dumlupınar  
Vocational  
School

Dumlupınar Vocational School is a higher education institution that provides two-year associate degree education on the basis of formal education in order to meet the need for qualified intermediate staff in various fields such as energy, education and health services in line with the principles and objectives of our country's development plans, and to establish a link between manpower and educational elements. The vocational school continues its educational activities with the departments of Alternative Energy Resources Technology, Child Development and Health Institutions Management programs.



Emet  
Vocational  
School

Our school, which started its educational activities in the 1994-1995 academic year, today, it continues its education and training services under 9 different programs, namely Child Development, Foreign Trade, Business Management, Chemistry, Public Finance, Securities and Capital Markets, Accounting and Tax Applications, Health Institutions Management, Tourism and Hotel Management. Moreover, foreign trade, Chemistry, Finance and Health Institutions and Management programs also have evening education. Our college, which has an open area of 38000 m<sup>2</sup> and a closed area of 3800 m<sup>2</sup>, is 100 km away from the center of Kütahya, and transportation can be provided from the Kütahya Central Bus Terminal.



Gediz  
Vocational  
School



Gediz Vocational School is 3 km away from the district center and with its campus built on an area of 418,000 m<sup>2</sup>; It provides its students with a comfortable and peaceful educational environment with its architectural structures that are far from the crowd of the city center and intertwined with nature. In addition, Gediz Vocational School; with its modern sports facility, social facility and library, where sports activities such as football, basketball and tennis are held, it allows its students to have a good time in the campus. KYK Girls' Dormitory with a capacity of 500 students; with its extensive social facilities and the new and modern building, is 150 meters from the classrooms. Our vocational school continues its educational activities with the departments of Justice, Banking and Insurance, Logistics, Computer Programming, Office Management and Executive Assistant, Graphic Design, Occupational Health and Safety, Mechatronics, Health Institutions Management, Medical Laboratory Techniques, Medical Promotion and Marketing.



Hisarcık  
Vocational  
School

Our school, which is structured with the understanding of a national and contemporary Vocational School, has taken the responsibility of fulfilling its duties in making our students have a qualified profession and in making our country one of the most advanced and respected countries in the world in all areas of international competition. Our vocational school continues its educational activities with the departments of Banking and Insurance, Public Relations and Promotion, Human Resources Management, Occupational Health and Safety, Logistics, Criminal Execution and Security Services, Land Registry and Cadastre.



Pazarlar Vocational School

Pazarlar Vocational School was opened under the Kütahya Dumlupınar University with the 14.02.1994 and 95-5332 numbered election of the Higher Education Executive Board. In 1994-1995 Education and training started with Fruit-Vegetable Processing and Food Technology programs in education. In the 2020/2021 academic year, Pazarlar Vocational School continues its education with Occupational Health and Safety, Food Technology, Machinery and Construction, Health Institutions Management, Health Information Systems Technician programs.



Simav Vocational School

Simav Vocational School aims to train intermediate manpower that will successfully serve the science, production, trade, industry and technology of our country, with an increasing momentum since its establishment. Our vocational school continues its educational activities with the departments of Electricity, Banking and Insurance, Logistics, Human Resources Management, Local Administrations, Health Tourism Management, Computer Programming, Interior Design, Laboratory Technology, Biomedical Device Technologies and Mechatronics.





Şaphane Vocational School

Şaphane Vocational school has a 210m<sup>2</sup> conference hall in the school building for social and cultural meetings and shows, and also a 25m<sup>2</sup> meeting room in the new service building. Apart from this, students meet their needs by always making use of the movie theater belonging to Şaphane Municipality. The School continues its educational activities with the departments of Public Relations and Publicity, Law Office Management and Executive Assistance, Banking and Insurance, Local Administrations and Social Services.



Tavşanlı Vocational School

The aim of Kütahya Dumlupınar University Tavşanlı Vocational School is to train professionals who are qualified and equipped to meet the requirements of the 21st century, in new and important fields of work where it is difficult to find professional staff trained with contemporary approaches in parallel with new technological developments. Our vocational school continues its educational activities with Computer Programming, Internet and Network Technologies, Office Management and Executive Assistant, Foreign Trade, Biomedical Device Technology, Machinery, Map Cadastre, Automotive Technology, Accounting and Tax Applications and Logistics departments.

### [1.2] Campus Setting




Example of rural campus environment Kütahya Dumlupınar University Turkey

The campus area is located in a rural area with a high rate of forest cover. Evliya Çelebi Campus, which is the central campus of Kütahya Dumlupınar University, is established on an area of over 7,500 decares on the 10th kilometer of the Kütahya-Tavşanlı Highway. University rectorship; Graduate Education Institute; Faculty of Education, Faculty of Arts and Sciences, Faculty of Fine Arts, Faculty of Economics and Administrative Sciences, Faculty of Islamic Sciences, Kütahya Applied Sciences, Faculty of Architecture and Faculty of Engineering; School of Foreign Languages; Social facilities such as Martyr Petty Officer Ömer Halisdemir library, covered Turkish bazaar and guesthouses are located in Evliya Çelebi Campus. The academic structure of Kütahya Dumlupınar University consists of 1 institute, 11 faculties, 1 school, 14 vocational schools, 3 departments affiliated to the rectorate and 18 research centers. Kütahya is neighbor to metropolitan cities such as Balıkesir, Bursa, Eskişehir and Manisa in terms of its location. Due to its proximity to Eskişehir and Bursa, some university students can spend their weekends in these cities. Student clubs have an important place in the social life and culture at Kütahya Dumlupınar University. Student clubs endeavor to raise awareness among university students by organizing trips, interviews or social responsibility projects from time to time.



	
<p>Ponds</p>	<p>Ponds</p>
	
<p>Parking Areas</p>	<p>Parking Areas</p>

**[1.3] The Ratio of Open Space to Total Area.**


<p>Area Viewed from Satellite( Kütahya Dumlupınar University, Turkey)</p>

It is the largest and central campus of Kütahya Dumlupınar University.



Located in the city center of Kütahya, Evliya Çelebi Campus has an area of over 7 thousand 500 decares. The campus is built on Ottoman-Seljuk architectural philosophy. There are also buildings belonging to Kütahya Health Sciences University in the campus.

There are three different entrance gates to Evliya Çelebi Campus. The main entrance of the campus is from the two large towers in the middle of the campus, the towers that shrink to the sides and the crown gate, which has arched entrances between these towers. In the campus area, a wide ring road was created surrounding the campus and the vehicle and pedestrian circulation areas were largely separated from each other by preventing vehicles from entering the faculty blocks.

The Rectorate building is located across the entrance door, on the same line as the door. On both sides of the approximately 400-meter line between the crown gate and the Rectorate building are the dean's and teaching buildings of the Faculty of Arts and Sciences and the Faculty of Engineering. In addition, there are nine pools in the square between the entrance gate and the Rectorate building. Between the pools and the Rectorate building, there is the Dumlupınar Monument, which is the golden-colored counterpart of the Martyr Sancaktar Mehmetçik Monument, which is the symbol of the University, and the bust of Mustafa Kemal Atatürk.

In the southern part of the Rectorate building, Faculty of Islamic Sciences, Faculty of Economics and Administrative Sciences, Sociopark, Martyr Petty Officer Ömer Halisdemir Library, sports facilities, climbing wall, Health, Culture and Sports Department and its affiliated units, Advanced Technologies Center, Göl Park, MS Patient Education School, the covered Turkish bazaar, which houses the Graduate Education Institute, lodgings and dining hall, hairdressers, shopping center and post office, is located.

In the northern part of the Rectorate building, Faculty of Islamic Sciences, Faculty of Education, School of Foreign Languages, Foundation Mosque, 15 July Martyrs Park, student dormitories, Guesthouse, Private Kütahya Development Schools, Faculty of Architecture, Kütahya Faculty of Applied Sciences, Faculty of Fine Arts, Olympic Swimming Pool, Indoor There is a gym. Kütahya Dumlupınar University Museum is located in the Rectorate building.

#### **[1.4] Total Area Covered with Forest Plants, Total Area Covered with Vegetation and Other Water Absorbing Areas on Campus (Square Meters)**



Area on campus covered in planted vegetation (Kütahya Dumlupınar University, Turkey)





Area on campus covered in planted vegetation (Kütahya Dumlupınar University, Turkey)

Total area: 2.828.015 m<sup>2</sup>      Total distance/circumference: 89 km

**Total area on campus covered in planted vegetation** (Without including lawns, gardens, green roofs, indoor planting, vertical gardening) 829.551 m<sup>2</sup>.

**Total area on campus covered in planted vegetation/ Total campus area = 829.551/7541372 = % 11**

**Total area on campus for water absorption besides forest and planted vegetation = (2.828.015 forest + 829.551 planted vegetation + 3.535.968 water absorption) / 7.541.371,54 = 7.193.534 / 7.541.371,54 = % 95,38**

### **[1.5] University Budget for Sustainability Effort (in US Dollars)**

The total budget of Kütahya Dumlupınar University is \$39,973,026 as of the relevant year. The university budget allocated for sustainability studies is \$8,886,852.26. Therefore, Kütahya Dumlupınar University allocates 22.23% of its budget for sustainability studies.

### **[1.6] Percentage of Operation and Maintenance Activities During Covid-19 Pandemic**

During the Covid-19 epidemic, all physical areas of the university were checked, existing deficiencies were eliminated, and necessary modifications were made. A hygienic environment has been created by disinfecting all units of the university. As a result of the operations, all of the physical areas (100%) were maintained.

1.Total campus buildings area 361.516,15 m<sup>2</sup>

2.Total operated building 361.516,15 m<sup>2</sup>

Percentage building that operated and maintained 100 %

### [1.7] Campus Facilities for Disable, Special Needs and or Maternity Care

Kütahya Dumlupınar University has made the necessary arrangements and taken measures to facilitate the lives of disabled individuals (including students, academic and administrative staff) and to enable them to continue their lives actively. In this context;

1. Necessary arrangements and improvement studies are available at the University to facilitate the life of disabled individuals.
2. There is a Disabled Student Unit that carries out its activities within the university.
3. As a result of the arrangements made to facilitate the lives of disabled individuals, 14 orange flags were awarded within the scope of the Higher Education Council's Barrier-Free University Flag awards.
4. The Presidency of the Council of Higher Education made necessary improvements for students with special needs studying at our University, in the presentations, course preparations and lectures by raising awareness for our disabled students while education in distance education continues.

	
<p>Tactile walking surface</p>	<p>Disabled toilet</p>
	
<p>Parking area for disabled individuals</p>	<p>Alarm system</p>



Audio exit guidance



Ramps and guidance blocks suitable for physically disabled pedestrians, Kütahya Dumlupınar University

### 2020 Barrier-Free University Flag Awards

#### Orange Flag (Faculty/Vocational School Accessibility in Space)

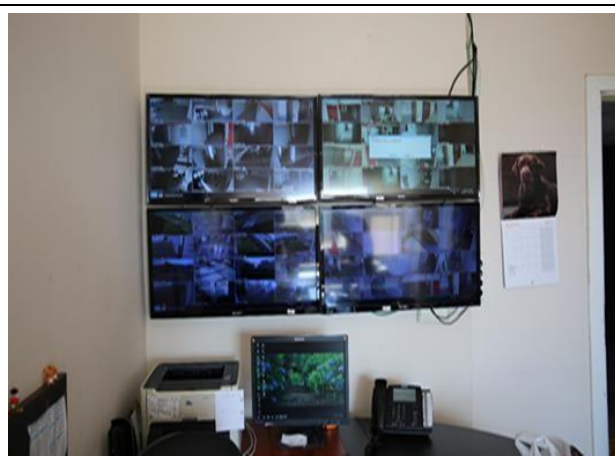
1- Evliya Celebi Campus	Blue Flag
2- Evliya Celebi Campus	Orange Flag
3- Bedesten	Orange Flag
4- Disabled Student Unit	Orange Flag
5- Faculty of Arts and Sciences	Orange Flag
6- Hüsni Özyeğin Dormitory for Girls	Orange Flag
7- Indoor Sports Hall	Orange Flag
8- Guesthouse	Orange Flag
9- Olympic Swimming Pool	Orange Flag



10- Faculty of Engineering	Orange Flag
11- Rectorate Building	Orange Flag
12- Martyr Ömer Halisdemir Library	Orange Flag
13- Tavsanlı Faculty of Applied Sciences	Orange Flag
14- School of Foreign Languages	Orange Flag

**[1.8] Security and Safety Facilities**

Equipment such as a university panic button and fire extinguisher are available, trained personnel have been appointed within the scope of the security infrastructure, and necessary arrangements have been made regarding occupational health and safety. Due to the presence of security infrastructure and security facilities, the response time in case of any accident, fire, crime, natural disaster is "more than 10 minutes."



Closed Circuit Television (Security Cemara)



Security Camera



Fire Alarm



Fire Extinguisher



Security Personal



Fire Extinguishing System

### [1.9] Health Infrastructure Facilities for Students, Academics and Administrative Staffs' Wellbeing

The health infrastructure of our university (first aid emergency service, clinic, hospital and certified personnel) is ready, open to the public and accessible.



Observation room



Medico-Social and Youth Counseling Center



Treatment Room

Our Medico-Social and Youth Counseling Center, which operates under the Directorate of Health, Culture and Sports of our university, provides health services to students, academic and administrative staff, and their dependent family members. Medico Social Center works to protect the physical and mental health of students and employees and provides health services in various fields (injection, dressing, blood pressure measurement, conference, seminar, etc.). our center provides services in DPU Evliya Çelebi Campus Bedesten Complex with 1 midwife, 2 nurses and 1 dietician and 1 ambulance.

First Aid Personnel have been assigned in all units of our university.

### **[1.10] Conservation: Plant, Animal, and Wildlife, Genetic Resources for Food and Agriculture Secured in either Medium or Long-Term Conservation Facilities**

In order to meet the needs and protect the animals that live on the campus and become one of the residents of the campus, conservation programs have been organized by the university administrators, academic and administrative staff and students, and all of these protection programs have been implemented. Within the





scope of these protection programs, necessary studies were carried out to meet the feeding, sheltering, health and love needs of animals.





Animal Shelter



Fishing In The Pond

## [2] Energy and Climate Change

### [2.1] Energy Efficient Appliances Usage

Kütahya Dumlupınar University uses energy efficient tools such as TV, refrigerator, washing machine, tumble dryer, copier, air curtains, projectors, air conditioner, laser printer, multi-function printer, copier, barcode scanner, optical reader, ID printing machine to save energy. . The ratio of energy efficient devices used by Kütahya Dumlupınar University to traditional devices is 99.7%.



Washing machines and tumble dryers  
(Kütahya Dumlupınar University, Turkey)



Television  
(Kütahya Dumlupınar University, Turkey)



ID Printing Machine  
(Kütahya Dumlupınar University, Turkey)



Photocopy Machine  
(Kütahya Dumlupınar University, Turkey)





Treadmill  
(Kütahya Dumlupınar University, Turkey)



Photocopy Machine (Kütahya Dumlupınar University, Turkey)



Copier Printing Machine  
(Kütahya Dumlupınar University, Turkey)



Computers  
(Kütahya Dumlupınar University, Turkey)

## [2.2] Smart Building Implementation

Room temperature adjustment apparatus (Indoor - Thermal Comfort-I1), fire extinguishing systems (Security-Fire Extinguishing-S2), security video surveillance system (Security-Video Surveillance-S3), system (Energy-Monitoring-S3) that provides automatic recording of energy consumption -E1), fans working to increase air quality (Indoor\_Air Quality-I2), sensors used for automatic lighting control (Lighting-SensorsL2), high efficiency LED lights (Lighting - Leds-L1) are used as smart building systems.



Tap with sensor (Dumlupınar University, Turkey)



Room Emperature Adjustment Apparatus



Fire Extinguishing Systems (Dumlupınar University, Turkey)









Sensors (auto lighting control)

Led lights (high efficiency)



Automatic Opening Doors



Personnel Poll (entry-exit)



Swimming pool (entry-exit)



Students' Permission System Device

### [2.3] Renewable Energy Sources in Campus

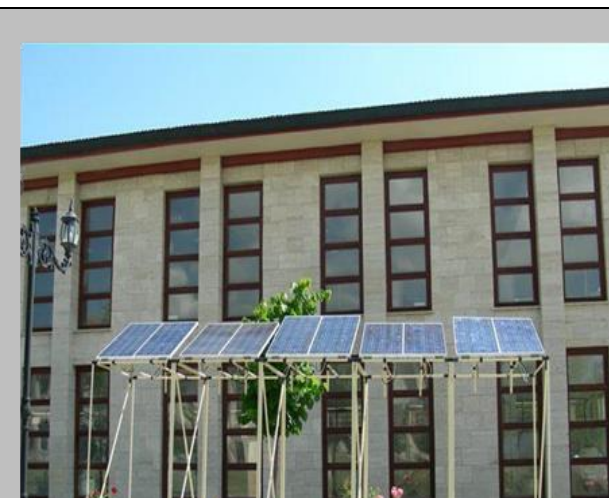
Solar energy is utilized by means of tools such as solar energy panels, synergy glasses, street lighting within the campus boundaries of Kütahya Dumlupınar University.



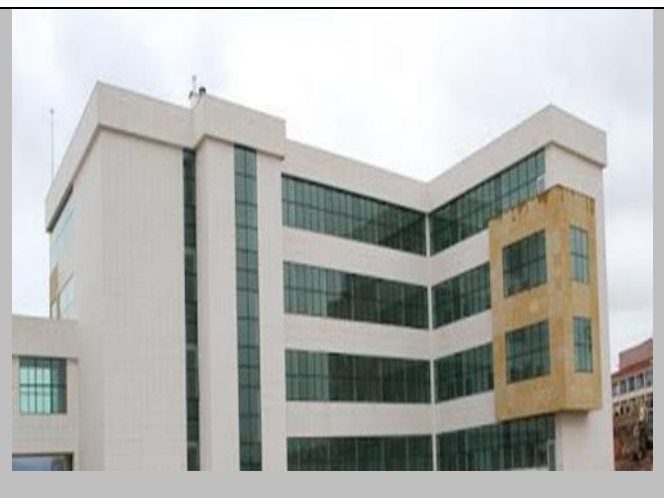
5Kwh Solar PV energy system connected to campus electrical grid. (Dumlupınar University, Turkey)



Faculty of Islamic Sciences Synergy Glass (Dumlupınar University, Turkey)



Solar panels (Dumlupınar University, Turkey)



Foreign languages Synergy Glass



Congress Cultural Center Synergy Glass (Dumlupınar University, Turkey)

#### **[2.4] Electricity Usage per Year (in Kilowatt hour)**

The total electricity usage of Evliya Celebi Campus in 2020 is **4.589.049** Kwh. On the main campus area of Kütahya Dumlupınar University; electricity is used for lighting, heating and laboratory appliances.

#### **[2.5] Ratio of Renewable Energy Production Divided By Total Energy Usage per Year**

Solar energy is utilized by means of tools such as solar energy panels, synergy glasses, street lighting within the campus boundaries of Kütahya Dumlupınar University. The total energy production of DPU from renewable energy sources is 80,600 Kwh, and the ratio of renewable energy production to total annual energy use is 0.0013%.

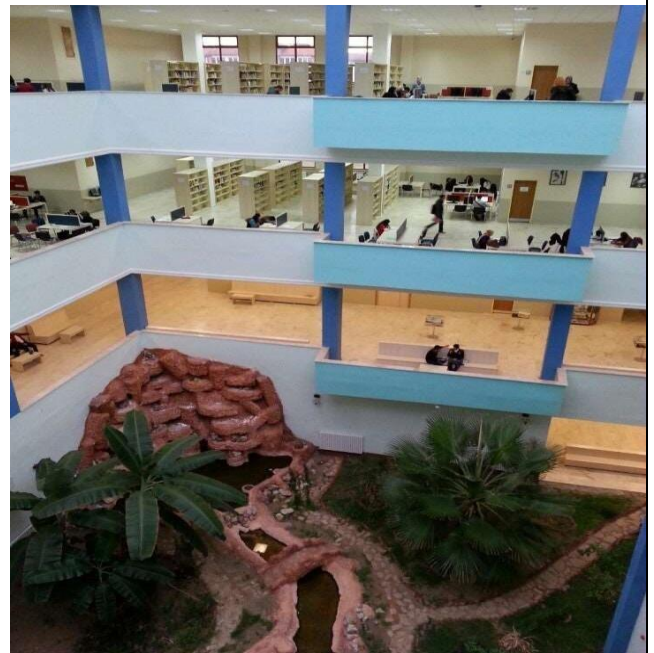
#### **[2.6] Elements of Green Building Implementation as Reflected in all Construction and Renovation Policies**

In our Central Campus, there are buildings that benefit from sunlight through large windows, glass ceilings and polycarbonate roofs as a green building application. There are also green areas in the building. Therefore, there are more than 3 green building applications within DPU.





Faculty of Economics and Administrative Sciences Building (Kütahya Dumlupınar University, Turkey )



Library and Documentation Department Building (Kütahya Dumlupınar University, Turkey )



Faculty of Science and Letters; Physics, Chemistry and Archeology Departments Building  
(Kütahya Dumlupınar University, Turkey )



Bedesten Dining Hall and Engineering Faculty Building (Kütahya Dumlupınar University, Turkey )





Rectorate Building, Quality Coordinator (Kütahya Dumlupınar University, Turkey )



Rectorate Building, Quality Coordinator (Kütahya Dumlupınar University, Turkey )



Faculty of Islamic Sciences (Kütahya Dumlupınar University, Turkey )

## [2.7] Greenhouse Gas Emission Reduction Program

Kütahya Dumlupınar University implements programs within Scope 1, Scope 2 and Scope 3 to reduce greenhouse gas emissions. It is possible to summarize the implemented programs as follows:

1. In order to reduce fuel burning by the transportation vehicles owned by the university (Scope 1), electric vehicles were purchased by the university and charging units were provided to charge these vehicles.
2. In order to reduce the greenhouse gas emissions (Scope2) arising from the electricity purchased and consumed by the university, electricity is produced from solar energy, which is a renewable energy source, by placing solar energy panels in certain places on the campus.



3. In order to reduce the greenhouse gas emissions caused by transportation within the campus (Scope3), an area has been allocated for bicycle paths, and bicycles owned by the university have been made available to academic and administrative staff and students.



Electric Vehicle Charging Station (Dumlupınar University, Turkey)



5 Kwh Solar PV Energy System Connected to Campus Electrical Grid (Dumlupınar University, Turkey)



Bicycle Roads inside Kütahya Dumlupınar University Central Campus (Dumlupınar University, Turkey)



Case Zero Emission Electric Bicycle  
(Kütahya Dumlupınar University, Turkey)

### [2.8] The Total Carbon Footprint (CO<sub>2</sub> emission in the last 12 months, in metric tons)

The total carbon footprint of Kütahya Dumlupınar University was calculated as 3871.79 metric tons. The total campus population of the university is 48503, including 45201 students and 3302 academic and administrative staff. The estimated total population on campus during the COVID-19 outbreak was 1331 people. Accordingly, the ratio of the total carbon footprint to the campus population is  $3871.79 / 1331 = 2.90$  Metric Tons / person.

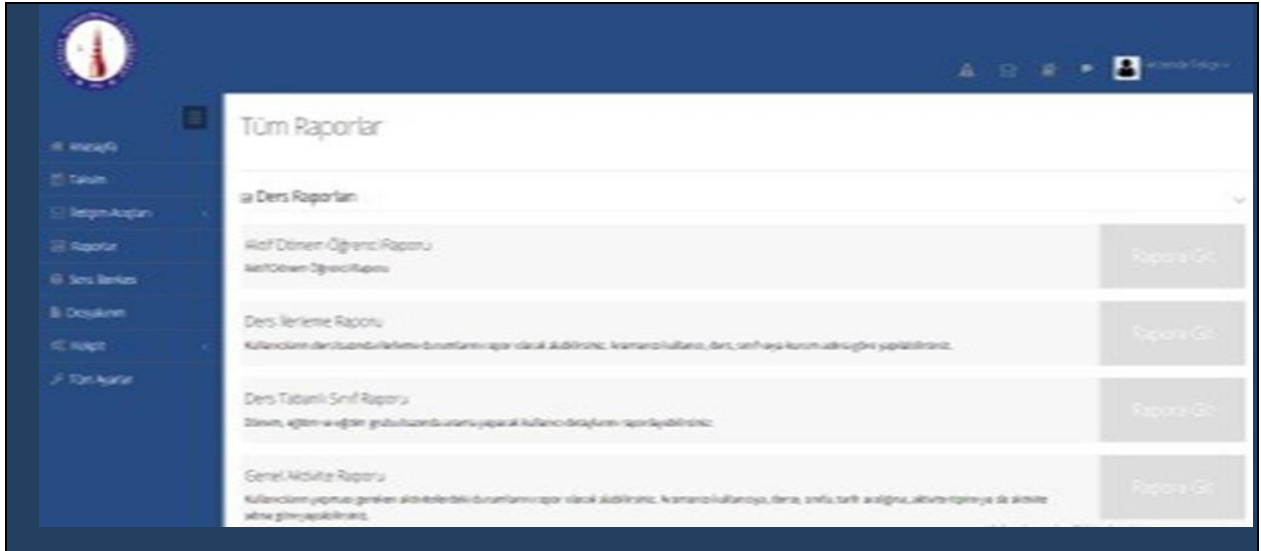
### [2.9] Number of Innovative Program(S) During Covid-19 Pandemic

Innovative programs such as ventilation and learning management system were implemented during the Covid-19 pandemic. Classrooms and rooms within the campus are ventilated using high quality air filters. In addition, the distance education system ALMS - OYS system is used in order to ensure that the education and training activities are carried out in the highest quality during the Covid-19 process.

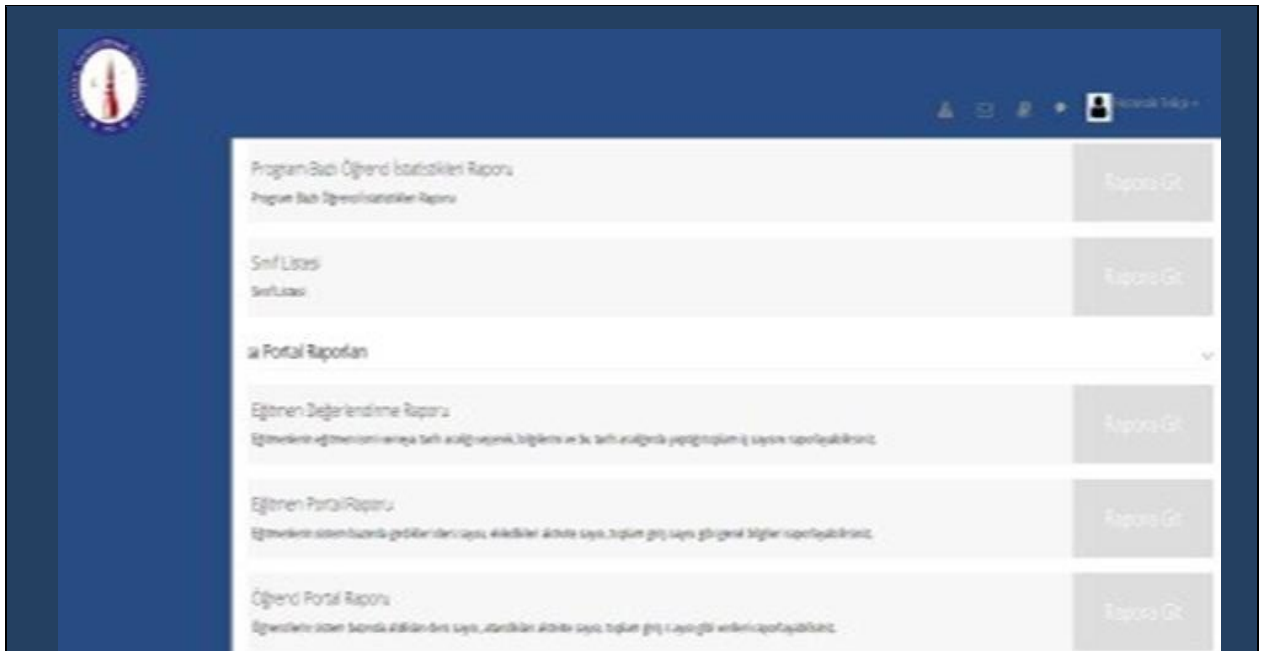


Air Quality (Fans) (Dumlupınar University, Turkey)

Monitoring reports regarding distance education policies are obtained from software called ALMS and Perculus, which belong to Advacity company for distance education within the Distance Education Center of our university. Sample reports of the system are displayed below.



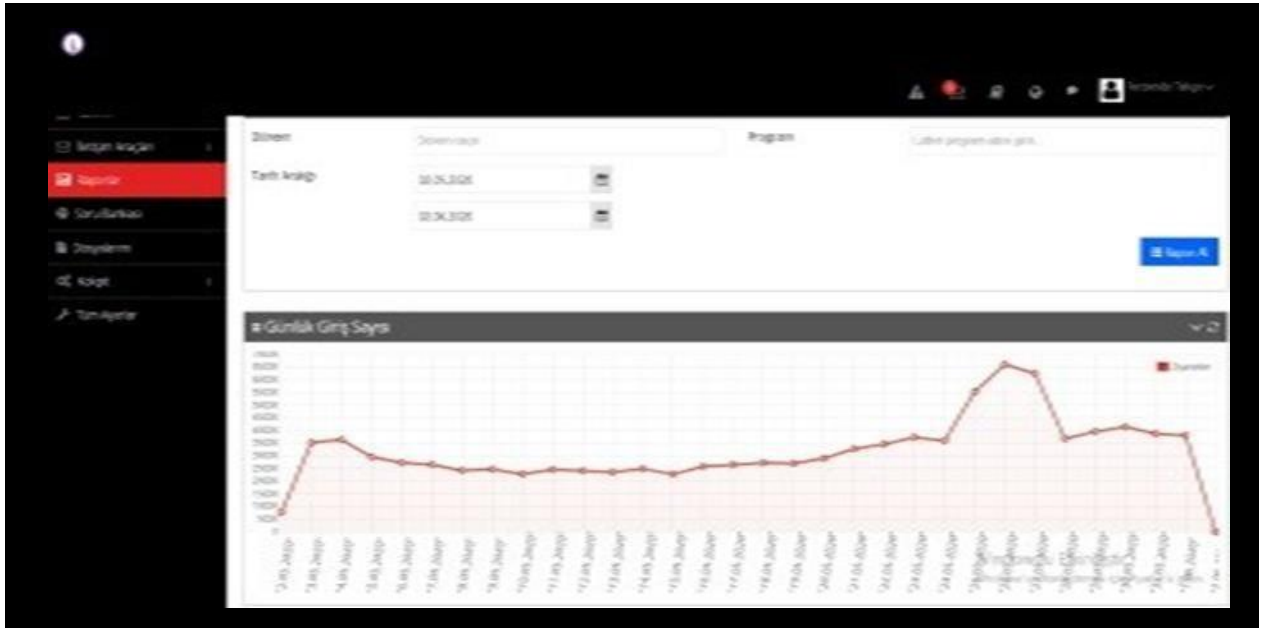
Distance Education System Reports-1 (Kütahya Dumlupınar University, Turkey)



Distance Education System Reports-2 (Kütahya Dumlupınar University, Turkey)







Distance Education System Usage Statistics-1 (Kütahya Dumlupınar University, Turkey)



Distance Education System Administrator Interface (Kütahya Dumlupınar University, Turkey)

## [2.10] Impactful University Program(S) on Climate Change

Kütahya Dumlupınar University provides education, training materials and activities for the surrounding communities and at the national level in order to reduce the risks related to climate change. It is possible to



express the studies carried out by Kütahya Dumlupınar University to reduce the risks related to climate change as follows:

1. Electricity generation through solar energy panels
2. Projects on renewable energy sources
3. to plant saplings (tree planting) activities
4. Fishing activities in the ponds
5. Work done by student clubs



Electricity Generation from the Sun, Engineering Faculty (Kütahya Dumlupınar University, Turkey )



Examples of **Impactful university program** (Kütahya Dumlupınar University, Turkey )



### [3] Waste (WS)

#### [3.1] Recycling Program for University Waste

Kütahya Dumlupınar University has adopted policies to encourage staff and students to include waste in recycling, and has implemented some practices that will increase the efforts of staff and students in this regard.

In this context, some studies have been carried out ;

1. To ensure that organic and non-organic wastes are collected in separate boxes,
2. To ensure that packaging wastes are collected in separate boxes in the form of plastic, paper, metal, glass, etc.,
3. To provide a compost machine at the university that converts organic waste into fertilizer,
4. To introduce document shredders to ensure the recycling of paper waste,
5. To ensure that correspondence is carried out over DPU EBYS (Dumlupınar University Electronic Document Management System) within the scope of the Paper and Plastic Use Reduction Program and to make DPU OBS (Dumlupınar University Student Information System) available to students, academic and administrative staff,
6. By organizing a zero waste themed poster contest
7. By organizing conferences on “Zero Waste in Businesses” in order to establish zero waste awareness among students and staff



Example of Inorganic Waste Treatment (Kütahya Dumlupınar University, Turkey )



Recycling Program Example for University Waste (Kütahya Dumlupınar University)



Example of Recycling Program for University Waste (Kütahya Dumlupınar University)



Browser address bar: <https://ebys.dpu.edu.tr/>

Navigation bar: Uygulamalar, Gmail, YouTube, SWOT Analizi, Haritalar, T.C. Kültür ve Turizm Bakanlığı, Google, Login, UI GreenMe..., Google Çiftli

Language: Türkçe

Footer: T.C. KÜTAHYA DÜMLUPINAR ÜNİVERSİTESİ

## DPÜ EBYS

Browser address bar: [obs.dpu.edu.tr](https://obs.dpu.edu.tr/)

Navigation bar: Kütahya Dumlupınar University, Student Affairs Information System

Language: Türkçe

Associate / Bachelor / Institute
Student Entry
Teaching Staff Entry

DPÜ OBS (<https://obs.dpu.edu.tr/>)





DPÜ Zero Waste Themed Poster Contest  
([http://haber.dpu.edu.tr/tr/haber\\_oku/5ec8153f6048c/sifir-atik-konulu-uluslararasi-afis-yarismasina-rekor-katilim](http://haber.dpu.edu.tr/tr/haber_oku/5ec8153f6048c/sifir-atik-konulu-uluslararasi-afis-yarismasina-rekor-katilim))



DPÜ One of the Award-Winning Posters in the Zero Waste Contest  
(Mine Kıyamçığek-Turkey  
<https://posterland.org/tr/kazananlar?p=gallery>)



Conference on "Zero Waste in Businesses"  
(<https://tavsanlimyo.dpu.edu.tr/tr/index/slide/4950/isletmelerde-sifir-atik-konulukonferans>)

### [3.2] Program to Reduce the Use of Paper and Plastic on Campus

Kütahya Dumlupınar University has carried out the following studies to reduce the use of paper and plastic on campus:

1. DPU uses OBS (DPU student information system).
2. DPU uses Distance Education System
3. DPU has ensured the use of EBYS (Electronic Document Management System) by the personnel.
4. DPU uses the Scientific Research Projects System.



5. It has taken the necessary measures to ensure that packaging wastes are collected in separate boxes in the form of plastic, paper, metal, glass, etc.
6. In order to ensure the recycling of paper waste, document shredders were put into use. DPU works with Has Erdoğanlar Company for the processing of inorganic wastes.

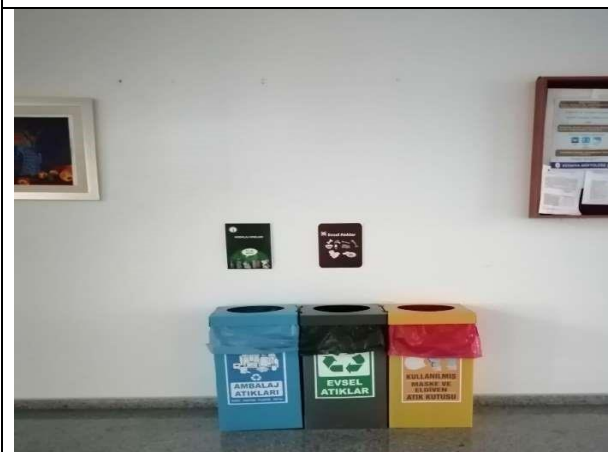
<p>1-Student information system</p>	<p>2-Learning management system (distance education system)</p>
<p>3-Electronic document management system.</p>	<p>4-Scientific research projects system</p>
<p>Example of Program to Reduce the Use of Paper and Plastic in Campus (Kütahya Dumlupınar University, Kütahya)</p>	



Compost Machine



Paper Cutter



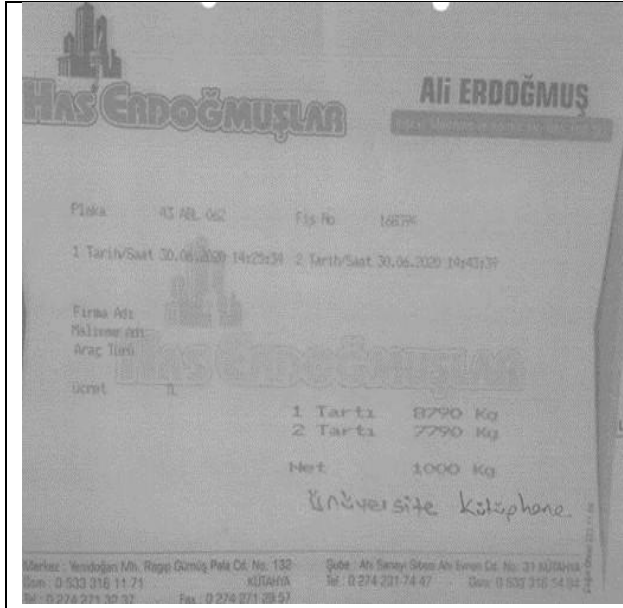
Recycling Program Example for University Waste  
Kütahya Dumlupınar University



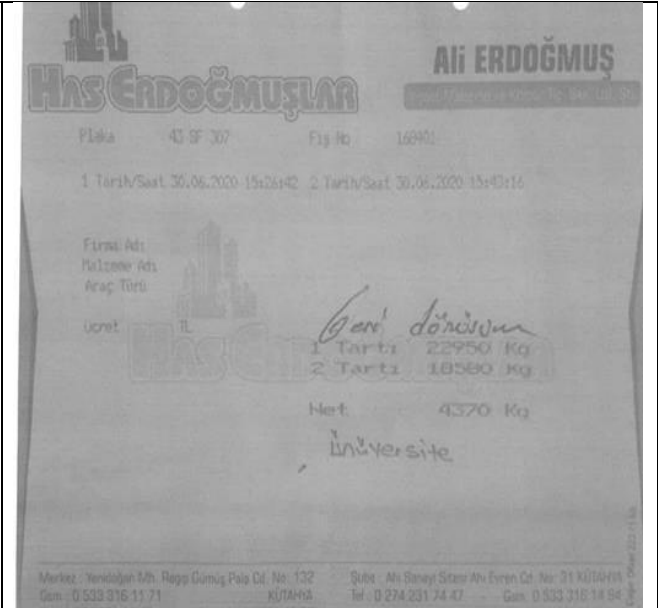
Example of Inorganic Waste Treatment (Kütahya  
Dumlupınar University, Turkey)

Organic wastes and inorganic wastes at the university are collected in separate trash bins and organic wastes are recycled by the university's own facilities. Inorganic wastes, on the other hand, are first collected in the storage areas and then collected and recycled by Kütahya municipality.

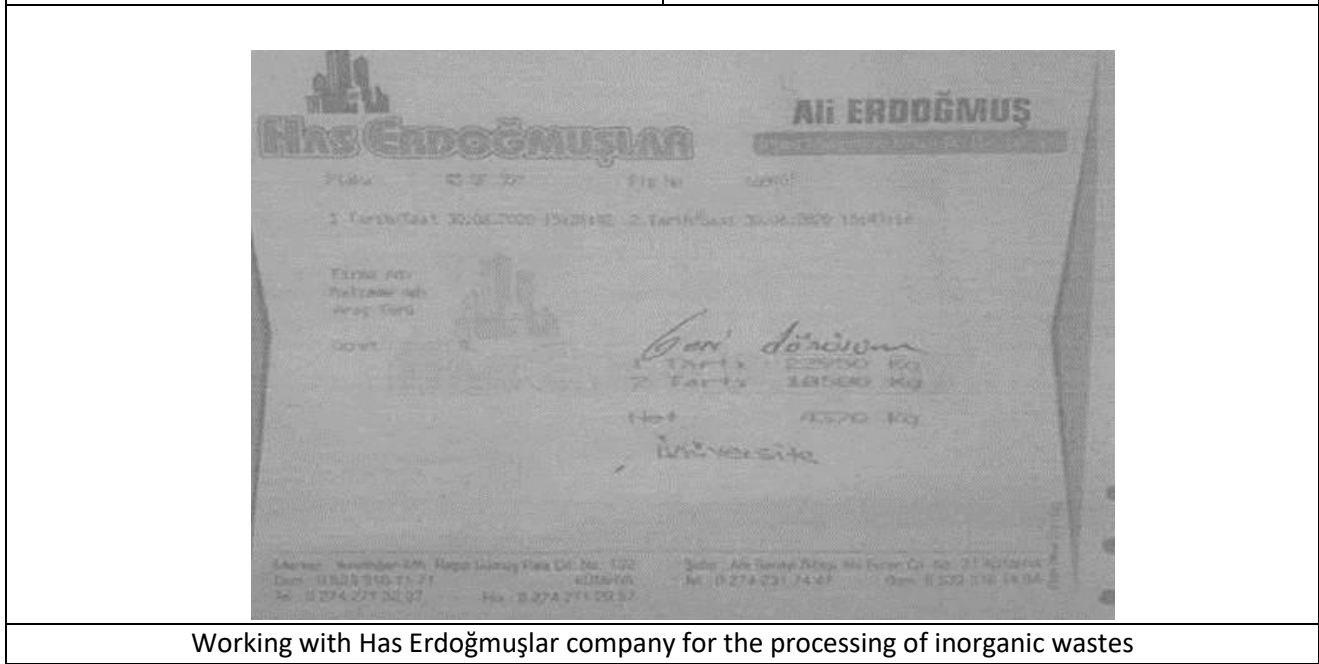




Library



Rectorate



Working with Has Erdoğanlar company for the processing of inorganic wastes

### [3.3] Organic Waste Treatment

Kütahya Dumlupınar University, in order to ensure the recycling and processing of organic wastes, 1.

It has a compost machine that converts organic waste into fertilizer.

2. A contract has been signed for the collection and recycling of waste vegetable oils with Kütahya Municipality Directorate of Cleaning

3. It has established a Zero Waste Management System in accordance with the Zero Waste Regulation and has been entitled to receive a Zero Waste Certificate.

As a result of these studies carried out by our University for the processing of organic wastes, organic wastes are partially processed (>50%-75% processing).



Compost Machine



Evrak Tarih ve Sayısı: 02/12/2019-20904



T.C.  
KÜTAHYA BELEDİYE BAŞKANLIĞI  
Temizlik İşleri Müdürlüğü



Sayı : 67290695 - 622.02 - 647 / E.18503

02.12.2019

Konu : Bitkisel Atık Yağlar Hk.

DUMLUPINAR ÜNİVERSİTESİ REKTÖRLÜĞÜ İDARİ VE MALİ İŞLER DAİRE  
BAŞKANLIĞINA

06.06.2015 tarih ve 29378 sayılı Resmi Gazete'de yayımlanan Bitkisel Atık Yağların Kontrolü Yönetmeliği gereği Belediyemiz ve lisanslı bitkisel atık yağ geri kazanım firması Kolza Biodizel ve Petrol Ürünleri San. ve Tic. A.Ş. arasında 17/10/2019 tarihinde Bitkisel Atık Yağların Toplanması İşi Sözleşmesi yapılmıştır. Bu sözleşme kapsamında, belediyemiz yetki alanı içinde atık yağların, atık yağ üreticilerinden toplanmasında tek yetkili, Kolza Biodizel ve Petrol Ürünleri San. ve Tic. A.Ş. firmasıdır.

Kurumunuz birimlerinden kaynaklanan bitkisel atık yağların geri kazanımı için lisanslı bitkisel atık yağ firması ile sözleşme yapmanız ve bitkisel atık yağlarınızı Çevre ve Şehircilik Bakanlığı'nın MOTAT sistemi üzerinden taşıtmanız gerekmektedir.

Bilgilerinize rica ederim.

Abdullah DAMCI  
Belediye Başkan Yardımcısı  
*e-imza*

Ek : 1 Adet Sözleşme





## BİTKİSEL ATIK YAĞLARIN TOPLANMASI İŞİ SÖZLEŞMESİ

### MADDE 1 - SÖZLEŞMENİN TARAFLARI:

İşbu sözleşmenin tarafları T.C. KÜTAHYA BELEDİYESİ (sözleşmede BELEDİYE olarak anılacaktır) ile T.C. Çevre ve Şehircilik Bakanlığı'ndan lisanslı Bitkisel Atık Yağ Geri Kazanım Firması KOLZA Biodizel ve Petrol Ürünleri San. ve Tic. A.Ş. (Sözleşmede TOPLAYICI olarak anılacaktır) arasında yapılmıştır.

### MADDE 2 - TARAFLARA İLİŞKİN BİLGİLER:

#### BELEDİYE

Adres: Gaybiefendi Mahallesi Atatürk Bulvarı No:83 KÜTAHYA

Tel No:0 850 283 43 43

Faks No: 0 274 283 43 43

Elektronik Posta Adresi:temizlik@kutahya.bel.tr

#### TOPLAYICI

Adres: Kimyacılar Organize Sanayi Bölgesi Melek Aras Bulvarı Aromatik Cadde No:31 Tuzla/İSTANBUL

Tel No: 0216 593 24 90 (Fabrika)

0216 593 24 91 (Fabrika)

Elektronik Posta Adresi:kolza@kolza.com.tr

### MADDE 3 -SÖZLEŞMENİN AMACI:

Bu sözleşmenin amacı, Bitkisel Atık Yağların Kontrolü Yönetmeliği gereğince Kütahya Belediyesi yetki sınırları içinde, iş yerlerinden, eğitim kurumlarından ve konutlardan Bitkisel Atık Yağların toplanması amacıyla BELEDİYE ve TOPLAYICI nın birlikte hazırlayacakları plan ve program doğrultusunda atık bitkisel yağların toplanması yönetiminin sağlanmasıdır.

İlgili kurum ve kuruluşlara verilmek üzere, atık bitkisel yağların alındığı yeri, tarihi, miktarı vb. bilgiler ile toplanan atıkların nerede ve nasıl değerlendirildiğine ilişkin sağlıklı denetimin yapılabilmesi ve kayıt altına alınabilmesi için, atık bitkisel yağların, BELEDİYE'nin sözleşme yaptığı lisanslı firmaya verilmesine yönelik çalışmalar yapmaktır.

### MADDE 4-İŞİN TARİFİ:

Bitkisel Atık Yağların Kontrolü Yönetmeliği'ne uygun olarak, BELEDİYE nin sınırları içerisinde bulunan atık bitkisel yağ üreticisi konumundaki; ev, okul, restoran, lokanta, otel, fabrika, ...vb. işyeri mutfaklarından çıkan atık bitkisel yağların, TOPLAYICI nın tehlikeli atık taşıma lisansı bulunan araçları ve tehlikeli madde taşıma sertifikası bulunan şoförleri vasıtasıyla toplanması, taşınması ve lisanslı geri kazanım - bertaraf tesisine teslimidir.

### MADDE 5 -TOPLAYICI FİRMANIN SORUMLULUKLARI:

5.1. TOPLAYICI bitkisel atık yağ toplama işlemini, Bitkisel Atık Yağların Kontrolü Yönetmeliği'nde tanımlandığı şekilde yapacak, gerekli evrakları düzenleyecek ve bu evrakları ilgili birimlere (atık yağ üreticisi, BELEDİYE, İl Çevre ve Şehircilik Müdürlüğü ve Çevre ve Şehircilik Bakanlığı'na) zamanında teslim edecektir.



Evrak Tarih ve Sayısı: 01.10.2020-13351



T.C.  
KÜTAHYA VALİLİĞİ  
Çevre ve Şehircilik İl Müdürlüğü



Belge No: TS/43/B1/6/2

Tarih: 30/09/2020

## SIFIR ATIK BELGESİ (Temel Seviye)

Adı : Dumlupınar Üniversitesi Rektörlüğü Kütahya

Adresi : Kütahya, Kırazpınar Mahallesi, Kütahya Dumlupınar Ünv. Evliya Çelebi Yerleşkesi  
Küme Evler, No: 1-, Merkez, Türkiye

Vergi No : 3140451181

12/07/2019 tarihli ve 30829 sayılı Resmi Gazete'de yayımlanarak yürürlüğe giren Sıfır Atık Yönetmeliği'nce Sıfır Atık Yönetim Sistemi'ni kurarak Sıfır Atık Belgesi'ni almaya hak kazanmıştır.

Belge Son Geçerlilik Tarihi: 30/09/2025

e-İmzalıdır

İbrahim ÇATLADAN

Çevre ve Şehircilik İl  
Müdürü

Not: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.  
Evrak Değerleme Kodu : E20SAKMY Evrak Takip Adresi: <https://www.netije.gov.tr/evre-ve-sehircilik-il-akademi>

Bu belge 5070 sayılı Elektronik İmza Kanununun 5. Maddesi gereğince güvenli elektronik imza ile imzalanmıştır.

### [3.4] Inorganic Waste Treatment

Our university carries out the following studies for the processing of inorganic wastes:

1. Organic wastes and inorganic wastes at the university are collected in separate garbage bins and organic wastes are recycled in the university's own facilities. Inorganic wastes are first collected in landfills and then collected and recycled by the Kütahya municipality.
2. DPU works with Has Erdoğanlar company for the treatment of inorganic wastes.



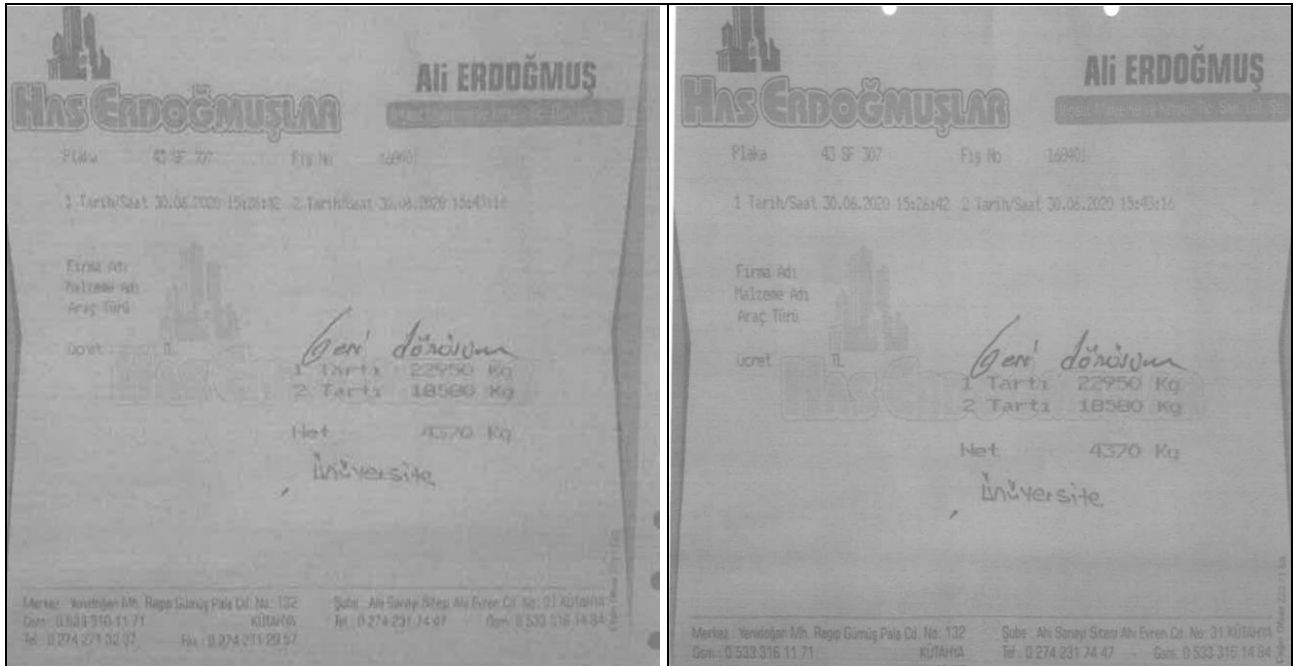
As a result of these studies carried out by our University for the processing of inorganic wastes, all of the inorganic wastes (>75% processing) are processed.



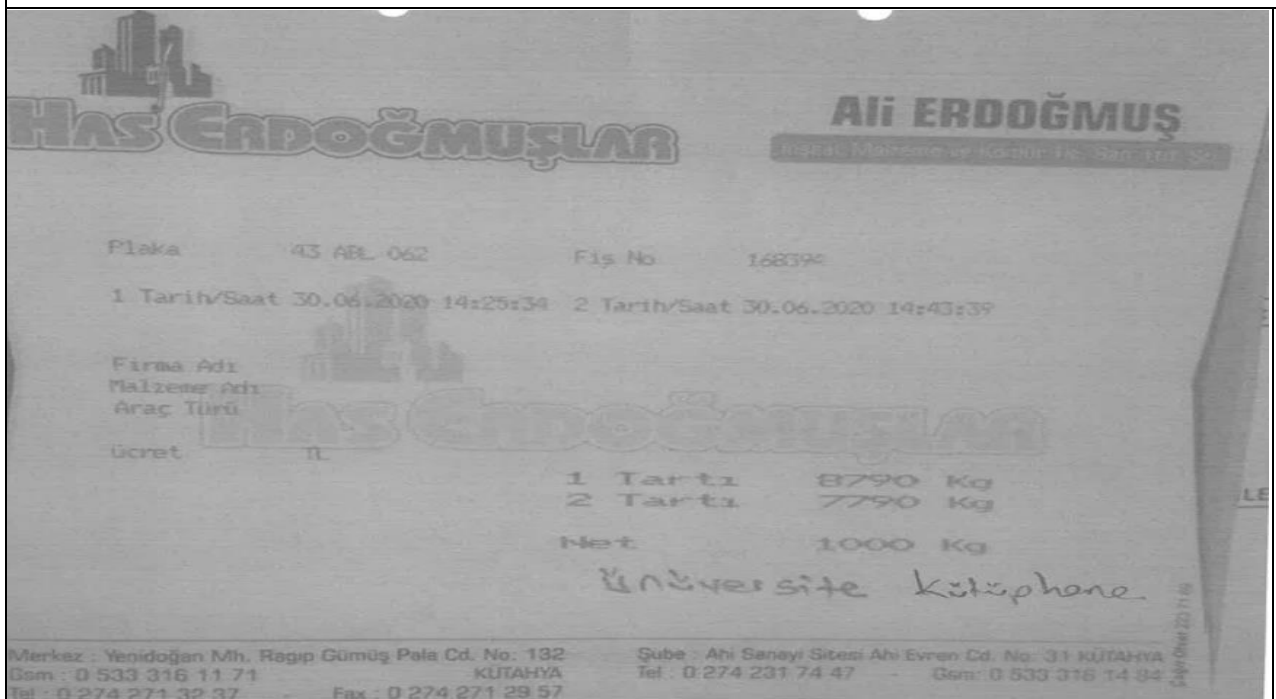
Example of Inorganic Waste Treatment (Kütahya Dumlupınar University, Turkey)



Example of Inorganic Waste Treatment (Kütahya Dumlupınar University, Turkey)



Rectorate (Kütahya Dumlupınar University, Turkey)



Library (Kütahya Dumlupınar University, Turkey)

### [3.5] Toxic Waste Treatment

DPU within the scope of recycling of medical wastes;

1. A contract has been made with Era environmental technologies Incorporated company
2. Also DPU uses the Waste Management Application

As a result of these studies for the treatment of toxic wastes, all of the toxic wastes are processed.



1. Within the scope of recycling of medical wastes, DPU acts in line with the Decision of the Local Environment Committee of the Governorship of Kütahya. A contract has been signed with Era Environment Technologies Joint Stock Company affiliated to the Governorship of Kütahya, which operates as a medical waste facility in our province. In the context of the relevant medical waste contract, the medical wastes generated in the central and all district municipalities in the provinces where the medical waste processing facilities are located are sent to the medical waste processing facility in the province.

T.C. KÜTAHYA VALİLİĞİ MAHALLİ ÇEVRE KURULU KARARI	T.C. KÜTAHYA VALİLİĞİ MAHALLİ ÇEVRE KURULU KARARI
<p>Karar Tarihi :27/01/2021 Karar No :2021/08</p> <p>İlimiz Mahalli Çevre Kurulu, Vali Yardımcısı Sn. Aydın BÖRÜ'nün Başkanlığında, kurul üyelerinin katılımı ile 27.01.2021 Çarşamba günü saat: 14.00'de Valilik Toplantı Salonunda toplanmış olup; toplantı sonucunda aşağıdaki karar alınmıştır.</p> <p>25.01.2017 tarih ve 29959 sayılı Resmî Gazete'de yayımlanarak yürürlüğe giren "Tıbbi Atıkların Kontrolü Yönetmeliği'nin "Atık Bertarafında Mali Yükümlülük" başlıklı, 24. maddesinin 2. fıkrasında: "Bu yönetmelik hükümlerine uygun olmak şartıyla, toplama, taşıma, sterilizasyon ve bertaraf harcamalarına esas olacak tıbbi atık bertaraf ücreti, her yıl tıbbi atığın oluştuğu ilin mahallî çevre kurulu tarafından tespit ve ilan edilerek Bakanlığa bildirilir. Tıbbi atık bertaraf ücretinin tespitinde, oluşan atığın göreceği sterilizasyon ve/veya bertaraf tesisine taşınma masrafları ile sterilizasyon ve/veya bertaraf maliyetleri göz önüne alınır." denilmektedir.</p> <p>Yine söz konusu yönetmeliğin "Belediyelerin Yükümlülükleri" başlıklı 8. maddesinin birinci fıkrasının c bendinde "Herhangi bir kimyasalla muamele gören patolojik atıkların 20. maddede belirtilen yöntemle bertaraf edilmesini sağlamakla yükümlüdürler." denilmektedir.</p> <p>Bu maddeler doğrultusunda ilimiz sınırları içerisinde bulunan tüm sağlık kuruluşlarında oluşan Tıbbi Atık ve herhangi bir kimyasalla muamele görmeyen Patolojik Atıklar için, 01.01.2021 tarihinden itibaren geçerli olacak üzere,</p> <p>1) Ülkemizde yaygınlaşan Covid-19 salgını ile mücadele kapsamında Çevre ve Şehircilik Bakanlığı Çevre Yönetimi Genel Müdürlüğünece yayımlanan 07.04.2020 tarih ve 84334 sayılı 2020/12 Genelgesi'nin 2. Maddesinde "Sağlık kuruluşlarında veya diğer alanlarda (öğrenci yurtları vb.) sağlık çalışanı karantina birimlerinde oluşan atıklar ile kurum, kuruluş ve işletmelerin sıvı ve diğer tıbbi birimlerinde oluşan atıkların tıbbi atık olarak yönetilmesi gerekmektedir olup bir birimlerden/alanlardan kaynaklı atıkların diğer atıklarla karıştırılmaması gerekmektedir." talimatı üzerine ilimizde, sağlık kuruluşları ve diğer alanlarda 2020 Mayıs ayı itibarı ile Covid-19 salgını sırasında Tıbbi Atık miktarlarında büyük artış gerçekleşmiştir (2018 yılı 437.744 kg/yıl, 2019 yılı 468.548 kg/yıl iken 2020 yılı toplam tıbbi atık 653.767 kg/yıl olarak gerçekleşmiştir.) Salgının devam etmesi ve bulaşıcı atık miktarının günden güne artması nedeniyle Atık Sterilizasyon Tesisini işleten Era Çevre Teknolojileri AS'nin tıbbi atıkların toplanması, taşınması ve bertaraf için tıbbi atık ücretin Sağlık Kuruluşlarına ödenecek tutarın bir önceki dönemde yürürlükte olan kilogram başına olan fiyatın (3,80 TL/kg + KDV) aynı tutularak 2021 yılı için 3,80TL/kg+KDV olarak belirlenmesine,</p> <p>1.1 a)İlimizde ayda 10 kg ve altında tıbbi atık üreten sağlık kuruluşları için tıbbi atık bertaraf ücretinin 42,00TL/ay+KDV olarak belirlenmesine, b)İlimizde ayda 10 kg ile 20kg arasında tıbbi atık üreten sağlık kuruluşları için tıbbi atık bertaraf ücretinin 72,00TL/ay+KDV olarak belirlenmesine,</p> <p>2)Herhangi bir kimyasalla muamele görmeyen Patolojik Atıkların toplanması, taşınması ve yakma tesisinde bertaraf bedelinin 8,50TL/kg+KDV olarak belirlenmesine,</p> <p>3) 25.01.2017 tarih ve 29959 sayılı Resmî Gazete 'de yayımlanarak yürürlüğe giren Tıbbi Atıkların Kontrolü Yönetmeliği'nin 8. maddesinin üçüncü fıkrasında "Tıbbi atık işleme tesislerinin bulunduğu ildeki merkez ve tüm ilçe belediyelerinde oluşan tıbbi atıklar ildeki tıbbi atık işleme tesisine gönderilir. Ancak, tıbbi atık işleme tesisinin kapasitesinin yetersizliği</p>	<p>Karar Tarihi :27/01/2021 Karar No :2021/08</p> <p>ve uygunsuz coğrafi koşullar gibi sebeplerle tıbbi atıkların bu tıbbi atık işleme tesisine gönderilmesinde zorluk olması halinde; tıbbi atıklar bir başka ilde bulunan tıbbi atık işleme tesisine gönderilebilir. Bu durumda; öncelikle tıbbi atığın gönderilmek istendiği tıbbi atık işleme tesisinin bulunduğu ilin il müdürünün uygun görüşünü müteakip, her iki ilin mahallî çevre kurulunda olumlu karar alınması kaydıyla ilgili belediye ile sözleşme yapılması gerekmektedir." hükmü gereğince ilimizde bulunan sterilizasyon tesisinde mevcut sebeplerin oluşması durumunda tıbbi atıkların bertarafının ilimize yakın olan Bursa ilinde bulunan sterilizasyon tesisinde yapılmasına, Oy çokluğu ile karar verilmiştir.</p> <p>Aydın BÖRÜ Vali a. Vali Yardımcısı</p> <p>KATILMADI Belediye Başkanı</p> <p>Recep YIRTIKGÖZ İl Jandarma Komutanlığı</p> <p>Yasir KIBILIN İl Emniyet Müdürlüğü</p> <p>Y. Hüseyin D. İR İl Çevre, Şehircilik ve İklim Değişikliği Müdürlüğü</p> <p>Yasar Yaman SAĞLAM Orman Bölge Müdürlüğü</p> <p>Abdül Ali ARTUN İl Afet ve Acil Durum Müdürlüğü</p> <p>Mustafa KARIMANCI İl Müftülüğü</p> <p>Nuray H. J.Ç Sanayi ve Teknoloji İl Müdürlüğü</p> <p>İbrahim ÇATLIDAN Çevre ve Şehircilik İl Müdürlüğü</p> <p>Öhan Ç. Ç. N. K Ticaret Bakanlığı İl Müdürlüğü</p> <p>Şahin İDEAY İl Kültür ve Turizm Müdürlüğü</p> <p>Liyayettin S. ARICIK Defterdar</p> <p>Mustafa İğca OKUR İl Millî Eğitim Müdürlüğü</p> <p>Ahmet BÜBER İl Sağlık Müdürlüğü</p>





Medical Waste Storage



Sterilization Plant





**ERA ÇEVRE TEKNOLOJİLERİ ANONİM ŞİRKETİ**  
KESİRCİ NİL ALEMDAĞ CAD. NAŞALGAN (3. MERKEZ) C BLOK NO:66 KAT:3  
07  
39192 - ÖSKÖDAR / İSTANBUL



e-Arşiv Fatura

*Handwritten signature*

**e-ARŞİV FATURA**

Vergi No : 3370372067  
Vergi Dairesi : ÖNEAŞTTC  
Ticaret Sicil No : 303143  
Mersis No : 0337037206700019  
Tel : 2343185533  
Fax : 2344283372  
E-Posta : emac@era-cte.com.tr  
İnternet Sitesi : http://www.era-cte.com.tr

Fatura Tarihi : 31/08/2021  
Fatura No : KAK2021080004969  
Versiyon : TEL.2 / UR. 2.1  
Seriyeye : EKLEME/FATURA  
Fatura Tipi : SATIS  
Vade Tarihi : 15/09/2021

Y.Ç. KONYA DÜMLUPINAR ÜNİVERSİTESİ REKTÖRLÜĞÜ  
EVLİYA ÇELEBİ YERLEŞİMİ SAĞANLI YOLU 10. KİT. MERKEZ/ÖNEAŞTTC  
MERKEZ / ÖZTARCI  
E-Posta :  
Telefon :  
Faks :

Vergi Dairesi : 30 AĞUSTOS  
Vergi No : 3370451281

S.No	Mal/Hizmet	Miktar	Birim Fiyat	KDV Oranı	KDV Tutarı	Toplam
1	(3-6) (AFAK-1) AYLIK TIRNE ATEK BİZEKİ (TOPLU, TAŞ.VE BERT.) 200003A3 LY	1 Adet	42 TL	% 18	7,56 TL	42,00 TL

ETTİN: 4C148041-835A-478D-8DA3-11804849883	Mal Hizmet Toplam Tutar	:	42,00 TL
Yatırım: Nispetiye Tık Lızo 68 AR Kurş	Hesaplanan KDV ( % 18 )	:	7,56 TL
% 18 KDV ( Hesap : 42,00 TL)	Vergiler Dahil Toplam Tutar	:	49,56 TL
Vergiler Toplamı :	Ödenecek Tutar	:	49,56 TL

**İşletme Merkezi ÖSKÖDAR/İSTANBUL**  
Nispetiye Tık Lızo 68 AR Kurş  
Açıklama : ( TL) 2021 yılı için MÇK tarafından belirlenen birim fiyatlar ile ilgili olarak kayıtların doğru ve tam olarak işlenmesi için her bir ürünün birim fiyatı ayrı ayrı olarak belirlenmiştir.  
\* Bu belgenin serik edilen e-til ile birlikte bulunması halinde ayrıca serik edilmiş olacaktır.  
\* T.T.E. 22 maddesine göre 6 gün içinde itiraz edilmezse ilgili fatura kabul edilmiş sayılır.  
\* İhtiyaçtan doğan her türlü itirazlar için İletişim Merkezi ile ve İletişim Merkezi ile iletişime geçebilirsiniz.  
\* İhtiyaç fatura e-Arşiv İnternet Sitesinde düzenlenmiş ve elektronik ortamda iletilebilir.

**Ödeme Bilgileri**  
Son Ödeme Tarihi : 15/09/2021  
Banka Hesap Bilgileri : İbank Bankası TR33 0812 0009 0000 2606 77 (TL)  
Ödeme Açıklaması : Ödeme yapıştan önceki aşamada fatura numarası belirtilmiştir.  
Ödeme Tarihi : Bu fatura vade tarihinde kadar İletişim Merkezi ile iletişime geçilerek ödenmelidir.  
\* Müşteri ile ilgili ödemeler için vade tarihi uygulanır.  
\* E-mail değişikliği durumunda fatura@era-cte.com.tr mail adresine bilgi verilmelidir aksi takdirde.

e-Arşiv Fatura  
Görülmiş ve  
Bekir ÖZNER  
Şube Müdürü





**ERA ÇEVRE TEKNOLOJİLERİ ANONİM ŞİRKETİ**  
KIZILIRMAĞAÇ CAD. PAKSALDIRI İZMİR MERKEZİ G BLOK NO:63 KAT:3  
07  
34952 - ÜSKÜDAR / İSTANBUL



e-Arsiv Fatura

*Handwritten signature*

**e-ARŞİV FATURA**

Vergi No : 3370372067  
Vergi Dairesi : OMR/ADYE  
Ticaret Sicil No : 983241  
Mersis No : 0833037206700010  
Tel : 2163108835  
Faks : 2164283372  
E-Posta : emerce@eracenv.com  
İnternet Sitesi : http://www.eracenv.com

Fatura Tarihi : 31.05/2023  
Fatura No : SAR2023000064009  
Versiyon : TRL 2 / ÜBL 2.1  
Sıra No : BURDOPATLURA  
Fatura Tipi : SATIS  
Vade Tarihi : 15.06/2023

T.C. KONYA DÜMLUPINAR ÜNİVERSİTESİ REKTÖRLÜĞÜ  
EĞİTİM İHLALİNDEN ÖZEL İHRAZDAN İZMİR MERKEZİ G BLOK NO:63 KAT:3  
07  
E-Posta :  
Telefon :  
Faks :

Vergi Dairesi : 30. AĞSİTOS  
Vergi No : 3140451181

S.No	Mal/Hizmet	Miktar	Birim Fiyat	KDV Oranı	KDV Tutarı	Toplam
1	13-01 (AKR)-1 AYLIK TIRBİ ATIK BİLEMLİ (TOPLU, TAŞ. VE BERT.) ZORUNLUAR ÜY	1 Adet	42 TL	% 18	7,56 TL	42,00 TL

ETTR: KC148841-903A-42HC-80A3-11804548003	Mal Hizmet Toplam Tutarı	42,00 TL
Katma Değerli Tutar Üzerine Alın Kurup	Hesaplanan KDV ( % 18 )	7,56 TL
% 18 KDV ( Netten : 42,00 TL)	Vergiler Toplamı	7,56 TL
	<b>Ödenecek Tutar</b>	<b>49,56 TL</b>

**İşletme Markası: ÜSKÜDAR/İSTANBUL**  
Not :  
Açıklama : (TL) 2021 yılı için MÇK tarafından belirlenen kg başına verilen ayrıntıları için fatura için ek talep rakamı yoktur.  
\* Bu belgenin envanç niteliği itibarıyla belgenin tutarında ayrıca envanç kayıtları alınmaz.  
\* T.T.K. 23.maddesine göre 9 gün içinde fatura karşılığında ilgili fatura kabul edilmiş sayılır.  
\* İhtiyaçtan doğan her türlü itirazınızda itirazınızın kabul edilmediği ve size Devletin yükümlü olduğu.  
\* İhtiyaç fatura e-Arsiv ile kapsamında düzenlenmiş ve elektronik ortamda teslim edilmiştir.

**Ödeme Bilgileri**  
Ödeme Tarihi : 15/06/2023  
Banka Hesap Bilgileri : Pak Bankası TR33 0001 2009 8260 3010 2606 77 (TL)  
Ödeme Açıklaması : Ödeme yapılan detaylı açıklama belgenin "Fatura Numarası" kısmında.  
Ödeme Tarihi : Bu fatura vade tarihinde başka Banka Hesabına Hemen ÖPT ile ödenmelidir.  
\* Vadesi geçtikten sonra fatura için vade faizi uygulanır.  
\* E-mail ile ilgili bilgileri derinlemeye fatura@eracenv.com mail adresine bilgi verilmemesi rica edilir.

e-Arsiv Fatura  
Görülmesiyle Tasvanlanmıştır.  
Bekir ÖZNER  
Şube Müdürü



2. In addition, DPU uses the Waste Management Application prepared by the Republic of Turkey Ministry of Environment and Urbanization, which aims to monitor, control and report all processes from the place where the wastes are generated to their recycling or disposal

## Atık Yönetim Uygulama

Kullanıcı Adı : 4892464448

### Tamamlanmış Taşıma

<b>Anasayfa</b>	<b>Taşıma Numarası</b>	E2487698
<b>Atık Beyan Sistemi (TABS)</b>	<b>Ortali</b>	160191 - DÜMLUPINAR ÜNİVERSİTESİ REKTÖRLÜĞÜ KÜTAYHA (ÇKN: 230614634)
<b>Atık Gönderim İşlemleri</b>	<b>Ortali Adres</b>	KÜTAYHA, KIRAZPINAR Mahallesi, KÜTAYHA DÜMLUPINAR ÜNİVERSİTESİ YERLEŞKESİ KÜME EVLER, 160103 - Entegrasyonu önlemek amacı ile toplanmaları ve bertarafı özel işleme tabii olan atıklar
<b>Taşıma Talebi Ekleme</b>	<b>Atık</b>	H9 Entegrasyon Yapıcı
<b>Tabii Atık Taşıma Talep Fikseni</b>	<b>İT Numarası</b>	Katı / ----
<b>Doküman Yükleme</b>	<b>20C'de Fiziksel Özellik</b>	Kırılgaz / ----
<b>Doküman Foto Atık Taşımaları</b>	<b>Renk</b>	2
<b>Yüksek Taşımalar</b>	<b>Net Ağırlık (kg)</b>	Yüklenme sırasında girilecek.
<b>Yüksek Taşımalar-Düzeltilmiş (A/T Düzeltildi)</b>	<b>Ambalaj ve Konteyner Türü</b>	Tarife / ----
<b>Kabul Bekleyen Taşımalar</b>	<b>Açıklamalar/Adres Bilgisi</b>	Kütahya Dumlupınar Üniversitesi Rektörlüğü Tavşanlı Yolu 10 Km Kütahya
<b>Kabul Bekleyen Taşımalar - Duruma Tabii</b>	<b>Sorumlu Kişinin Adı ve Soyadı</b>	MURAT ARIĞÖZ
<b>Kabulü Yapılmıy Taşımalar</b>	<b>Taşıma Talep Tarihi</b>	20.01.2021
<b>Kabulü Yapılmıy Taşımalar - Ambalaj Malzeme Düzeltme</b>	<b>Taşıma</b>	ATA-34-20 - ERA ÇEVRE TEKNOLOJİLERİ ANONİM ŞİRKETİ (MERKEZ)
<b>Kampanya Taşımalar</b>	<b>Araç</b>	ATA-34-20/TB-06 (Kamyon-4350431)
<b>OTL / 50 kg altı / Foto Alınan</b>	<b>Atık Çıkış Tarihi</b>	21.01.2021
<b>Raporlar</b>	<b>Taşıma Teslim Tarihi</b>	21.01.2021
<b>Duyurular</b>	<b>Atık İşleme Tesisi</b>	109917 - ERA ÇEVRE TEKNOLOJİLERİ ANONİM ŞİRKETİ - KÜTAYHA ŞUBE (KÜKAB TIBBİ ATIK STERİLİZASYONU)
<b>Sıkça Sorulan Sorular</b>	<b>Atık İşleme Tesisi Kabul Tarihi</b>	21.01.2021
<b>Yardım Dokümanları</b>	<b>Kabul Edilen Ağırlık (kg)</b>	2
<b>Tesis Ayarları</b>	<b>Durumu</b>	Atık Tarafından Kabulü Yapıldı
<b>İletişim</b>		<input type="button" value="Yazdır"/>

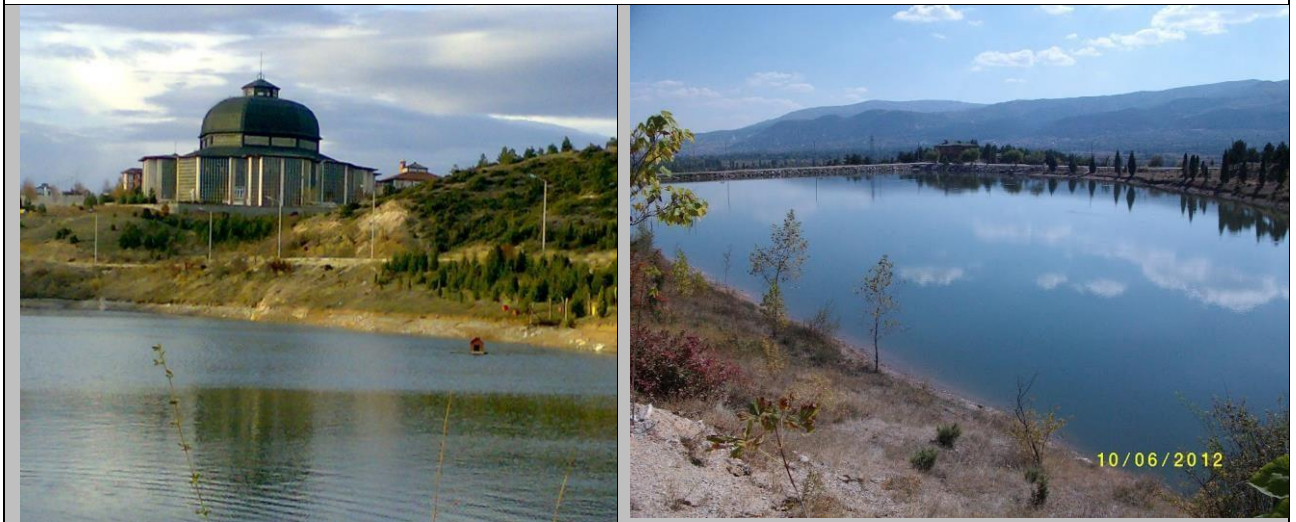
[Geri Dön](#)

## [4] Water

### [4.1] Water Conservation Program Implementation



Rain Water Collection Pipe Lines (Kütahya Dumlupınar University, Turkey)



Example of Water Conservation – Lake (5 piece) (Kütahya Dumlupınar University, Turkey)

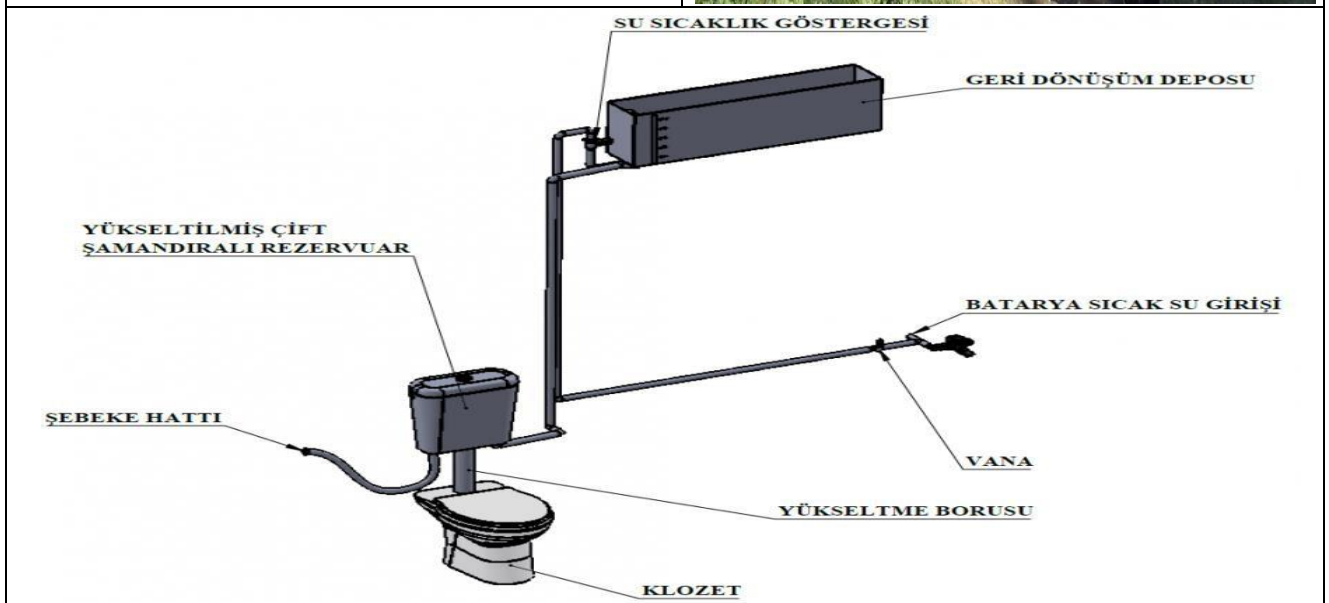
Kütahya Dumlupınar University has its own water resources. All of the water used is extracted from underground within our own means. In addition, geothermal water is extracted from underground.

- All buildings of the University of Dumlupınar have a separated sewerage system, for waste water and for clean water (rainwater). Rain water is thus collected from the roofs of the buildings and is then discharged into the local ponds and canals around the buildings. □ At our campus we have a separate sewerage system.



- We collect rainwater from the roof, parking area etc. and discharge this in the ponds and channels at our campus.
- In this study, the system is designed and implemented with the aim of saving the cool water which is wasted until the hot water becomes an available for using when the tap is turned on. So, in the project, an electronic control circuit with a programmed ATmega328 micro-controller, two 220V water solenoid valves one of is in on and the other valve is in off position normally- a digital pressure sensor, a digital fluid flow sensor and a digital temperature sensor are used to achieve this purpose. We are assuming that the water being wasted 4 times a day; hence, 5,72 liters per day, 171,6 liters per month, as a result 2059 liters of potable water a year are wasted despite paying the fee. The temperature of water, the pressure of municipal water and movement of water are checked by sensors which are in the system. As a result of this study, substantial amount of water-saving was provided by recovering the cool water which is wasted until the hot water becomes an available for usage thanks to controlling of microcontroller.

#### [4.2] Water Recycling Program Implementation

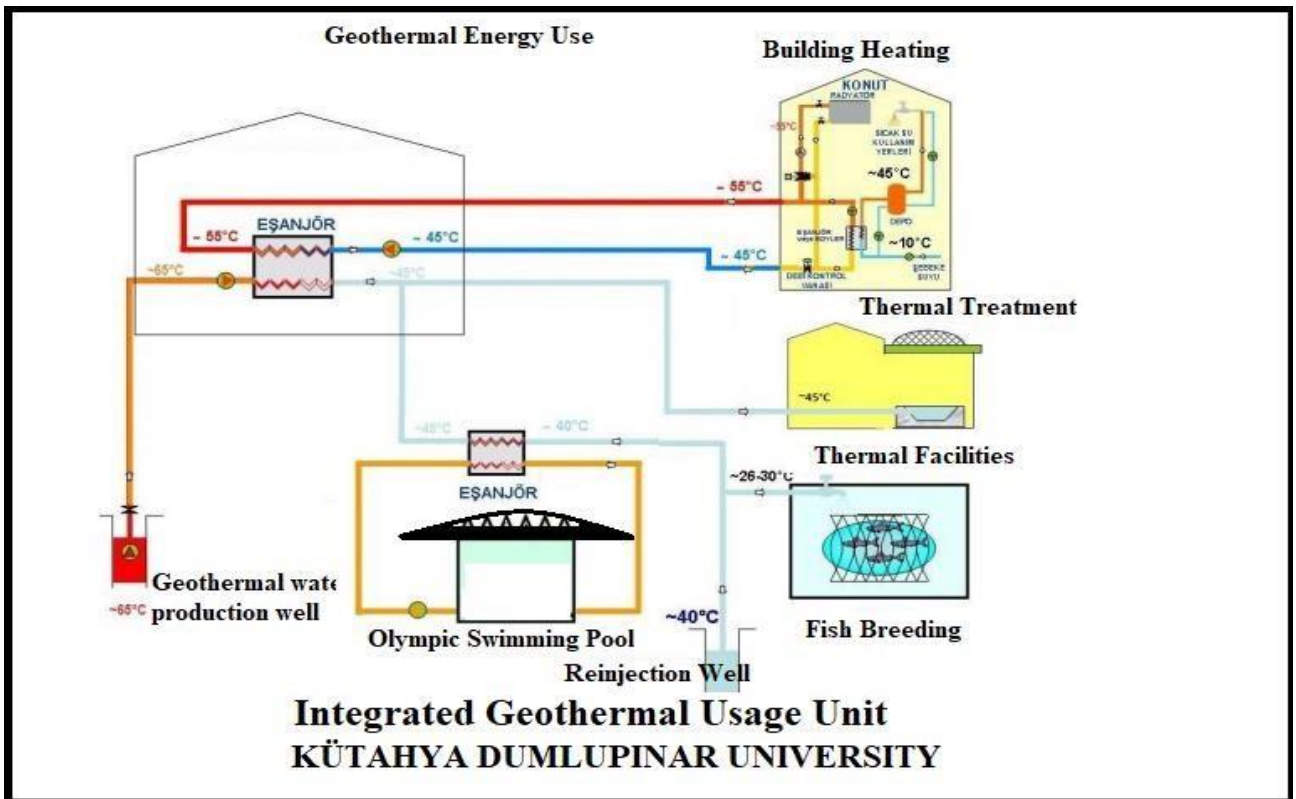


A system that prevents waste of water in living spaces and enables recycling.  
(Kütahya Dumlupınar University, Turkey)



Geothermal water comes out from underground. (Kütahya Dumlupınar University, Turkey)

**GEOHERMAL WATER IS EXTRACTED FROM UNDERGROUND AT KÜTAHYA DUMLUPINAR UNIVERSITY**



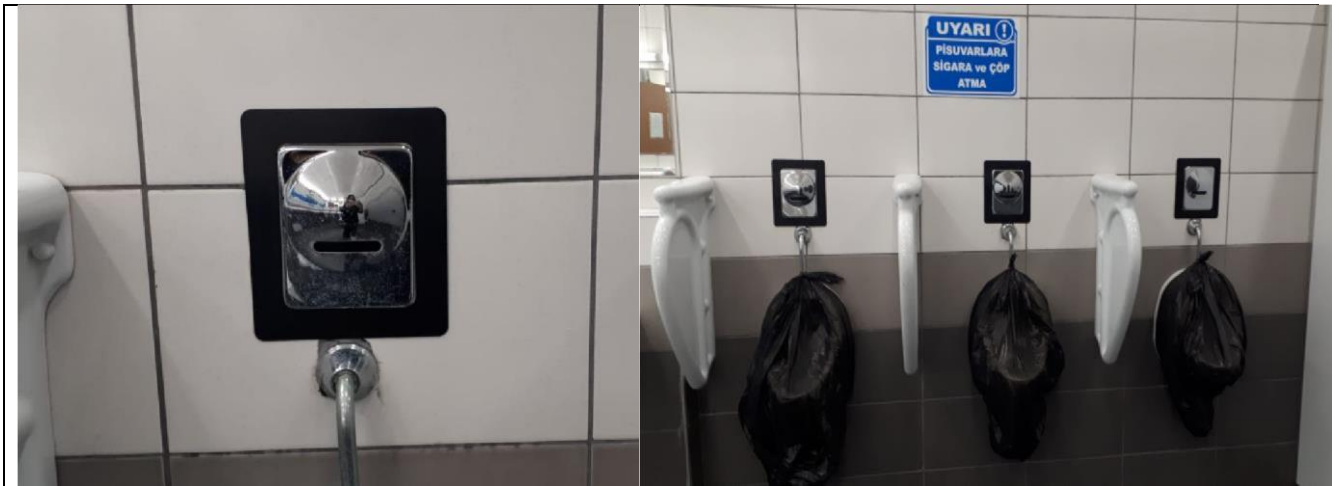
The hot water extracted from the underground is sent to the Physical Therapy and Rehabilitation Hospital and the Olympic Swimming Pool. The hot water in the pools of the Physical Therapy and Rehabilitation Hospital is sent to the ponds. It is also used for garden irrigation.





Hot water channels leading to Physiotherapy -Rehabilitation Hospital and Olympic Swimming Pool  
(Kütahya Dumlupınar University, Turkey)

#### [4.3] Water Efficient Appliances Usage (e.g. hand washing taps, toilet flush, etc.)







Example of Water Efficient Appliances Usage (Kütahya Dumlupınar University, Turkey)

Sensor siphon and washbasin application was made in the buildings of the School of Foreign Languages, Kütahya Dumlupınar University Foundation Mosque, Faculty of Islamic Sciences and Faculty of Sports Sciences. There are cisternisers (automatic control of urinal flushing), waterless urinals, low flush WC's and low flo taps and automatic taps at the University.

#### [4.4] Consumption of Treated Water



Example of Consumption of treated water (Kütahya Dumlupınar University, Kütahya)



Picture A- University water reservoir (Kütahya Dumlupınar University, Kütahya)

Kütahya Dumlupınar University does not use the city water supply provided by the municipality. Kütahya Dumlupınar University extracts and uses all water used in the campus with its own means. A large part of the water used is purified. Water fee is collected from Kütahya University of Health Sciences, other construction sites and Credit and Hostels Institution.

#### **[4.5] Percentage of Additional Handwashing and Sanitation Facilities during Covid-19 Pandemic**

Disinfectant treatment was carried out in all of our university buildings, thermometers and liquid disinfectant tools were placed in the buildings.



Rooms are disinfected at regular intervals. (Kütahya Dumlupınar University, Turkey)



Temperature Meter (Dumlupınar University, Turkey)



Liquid disinfectant tools  
(Kütahya Dumlupınar University, Turkey)

Hand sanitizer tools are available in all buildings on campus. Disinfection processes are carried out in all rooms with special machines at certain intervals. All buildings have hand washing facilities. There is a fever measuring device at the entrance of the Rectorate building.



## [5] Transportation

### [5.1] The Total Number of Vehicles (Cars and Motorcycles) Divided by Total Campus' Population

The average number of vehicles in our university in one day is 58. In the relevant period, the campus population was 1331. Therefore, the division of the total number of vehicles in our university to the total campus population is calculated as 0.043.

### [5.2] Shuttle Services

Shuttle service is provided by the our university, regular, and free.



Example of Shuttle Vehicles (Kütahya Dumlupınar University, TURKEY)



Example of Shuttle Vehicles (Kütahya Dumlupınar University, TURKEY)

### [5.3] Zero Emission Vehicles (ZEV) Policy on Campus

Kütahya Dumlupınar University owns bicycles and electric bicycles, and offers its bicycles and electric bicycles to the use of its staff and students in order to encourage the use of zero-emission vehicles and does not charge any fee as a usage fee. It also supports students' solar-powered car construction work as part of its zero-emission vehicle policy.



Example of Campus Bikes  
(Dumlupınar University, Turkey)



Case Zero Emission Electric Bicycle  
(Dumlupınar University, Turkey)



DPU students produced solar-powered cars (Dumlupınar University, Turkey)





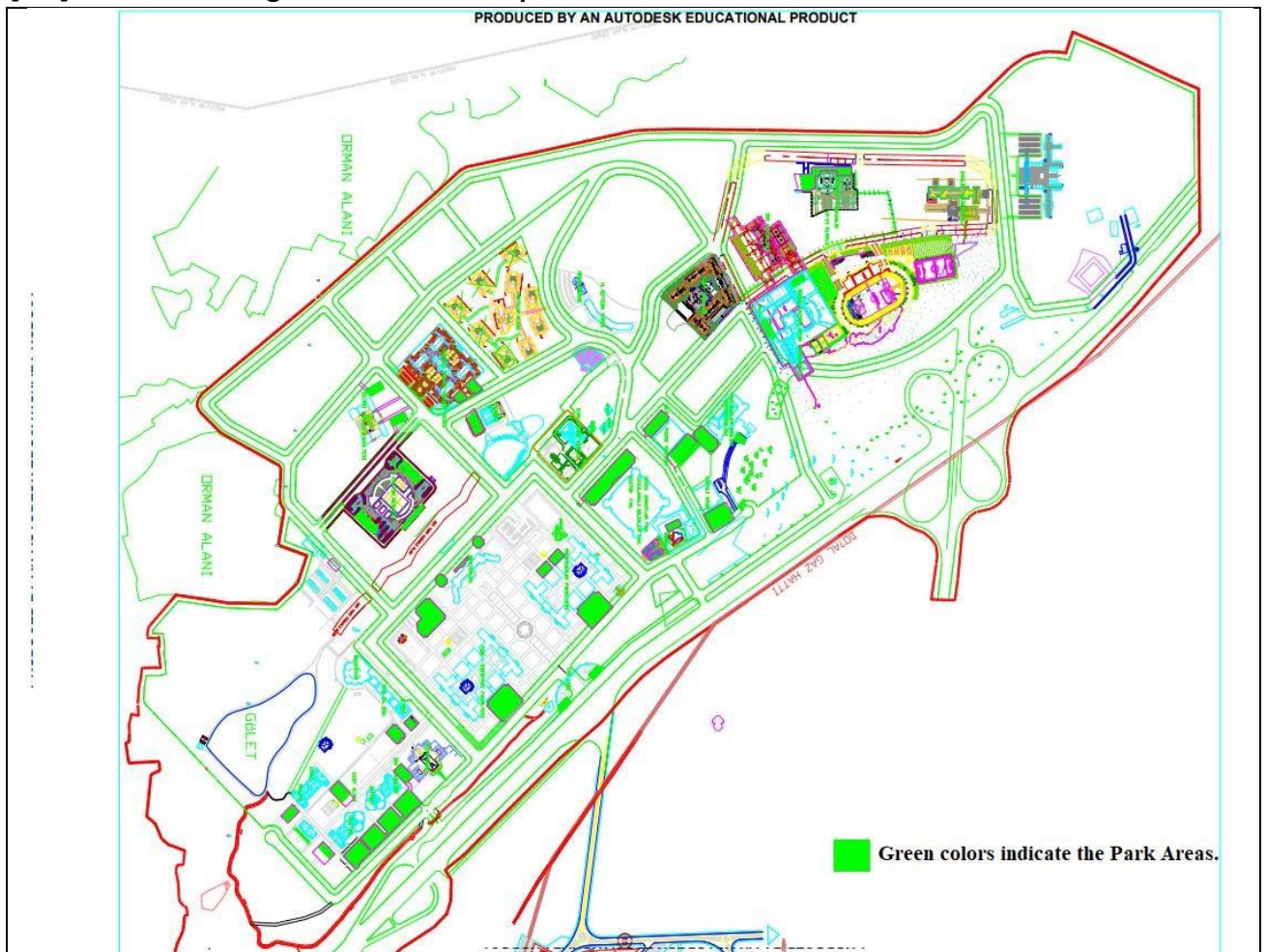


Dpu Duscart Fourth In Turkey In Efficiency Challenge



Mobile Vehicle (BAP supported)

**[5.4] Ratio of Parking Area to Total Campus Area**



Example of Ratio of Parking Area to Total Campus Area (Kütahya Dumlupınar University, Turkey)



Total main campus area: 7541371,54 m<sup>2</sup>

Total parking area = 62431,91m<sup>2</sup>

Ratio of parking area to total campus area

Formula:  $((5.12/1.5) \times 100\%) = ((62431,91/7541371,54) \times 100\%) = 0,8$

0,8 % < 1 %

**[5.5] Program to Limit or Decrease the Parking Area on Campus for the Last 3 Years from 2018 to 2020)**



Free Bicycle for rent (Kütahya Dumlupınar University, TURKEY)



(Program decrease the parking area on campus)

(Kütahya Dumlupınar University, BESYO (School of Physical Education and Sports) , TURKEY)



1. Free to rent bicycle on campus (There are 189 bicycles.)
2. Program decrease the parking area on campus (School of Physical Education and Sports): It is aimed to reduce the parking area of  $10.000\text{ m}^2$  in the open area in the sports facilities to  $8.000\text{ m}^2$  next year.

**[5.6] Number of Transportation Initiatives to Decrease Private Vehicles on Campus**

In order to limit or reduce the use of private vehicles on campus, Kütahya Dumlupınar University provides free bus service, bicycle service, zero emission vehicle usage, UTV and ATV usage services. Therefore, there are 5 transportation applications provided by our University in order to limit or reduce the use of private vehicles.



Campus Bus (Kütahya Dumlupınar University, Turkey)



Case Zero Emission Electric Bicycle  
(Dumlupınar University, Turkey)



Free Bicycle for rent  
(Kütahya Dumlupınar University, Turkey)



UTV (Kütahya Dumlupınar University, Turkey)



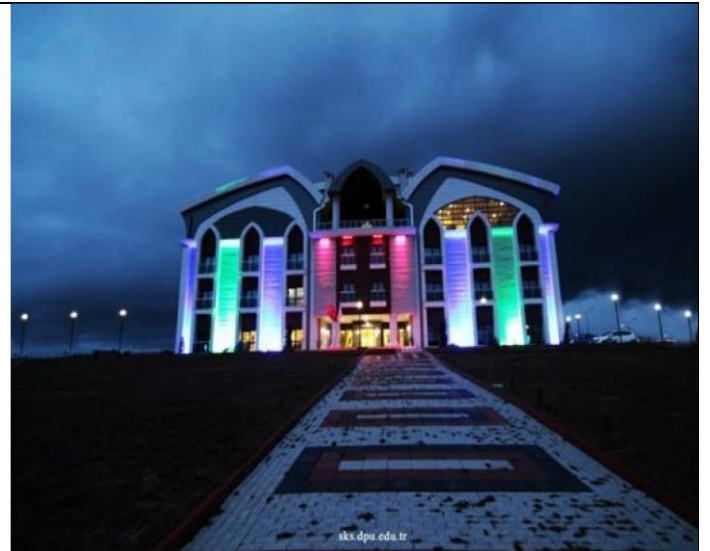
ATV (Kütahya Dumlupınar University, Turkey)

### [5.7] Pedestrian Path Policy on Campus

There are pedestrian paths equipped with disability-friendly features on our university campus. Parks and pedestrian paths on campus are arranged in a way that can be used by the disabled. On our campus, which is illuminated for pedestrians at night, there is a dividing strip between the vehicle road and the pedestrian road, and there are ramps and tangible walking surfaces designed for the use of physically disabled pedestrians.



Pedestrian road example,  
(Kütahya Dumlupınar University)



Pedestrian road example,  
(Kütahya Dumlupınar University)

1. Park and pedestrian road are also in order in the campus plan.
2. There is a separating lane between the vehicle road and the pedestrian road.
3. There are lights for pedestrians at night.



4. There are ramps and guiding blocks designed for physically disabled pedestrians.



Ramps and guidance blocks suitable for physically disabled pedestrians, (Kütahya Dumlupınar University)



Examples of park areas, (Kütahya Dumlupınar University)



Street lamp for pedestrian in night, (Kütahya Dumlupınar University)



Street lamp for pedestrian in night, (Kütahya Dumlupınar University)

## [6] Education and Research (ED)

### [6.1] Number of Courses/Subjects Related to Sustainability Offered

Total number of courses with sustainability embedded for courses running in 2020/21 at Kütahya Dumlupınar University is 3642.

In our university, 25.109 lessons were given in the 2018-2019 period, 34.355 lessons were given in the 2019-2020 period, and 28.481 lessons were given in the 2020-2021 period.

### [6.2] Total Research Funds Dedicated to Sustainability Research and Total Research Funds (in US Dollars)

Information on the researches conducted in Kütahya Dumlupınar University in 2018-2019 and 2020 on sustainability issues is given in the table below. According to this information, the average budget allocated to research on sustainability by Kütahya Dumlupınar University is USD 52,141.93.

Information on the research conducted at Kütahya Dumlupınar University in 2018-2019 and 2020 is given below. According to this information, the total research budget of Kütahya Dumlupınar University is \$217,088 on average.





### [6.3] Number of Scholarly Publications on Sustainability

In 2018-2019 and 2020, the number of academic publications on environment and sustainability was 1,430, and the average number of academic publications on sustainability was 476.

### [6.4] Number of Events Related to Sustainability

The numbers of environmental and sustainability-related events hosted or organized by our university by years are given below:

2018: 7

2019: 17

2020: 30

A total average per annum over the last 3 years of 54 events: 18

### [6.5] Number of Student Organizations Related to Sustainability

Student groups operating under the Directorate of Kütahya Dumlupınar University Health, Culture and Sports are given in the table below. 23 of these student societies, indicated in blue in the table below, are student organizations related to sustainability at our university.

#### STUDENT SOCIETIES

	SOCIETY NAME		SOCIETY NAME
1	AHISKA CULTURE AND ART SOCIETY	53	NORTH CAUCASUS LANGUAGE, HISTORY, GEOGRAPHY AND CULTURE RESEARCH SOCIETY
2	ALTINTAŞ YOUNG LEADERS SOCIETY	54	CULTURAL HERITAGE CONSERVATION SOCIETY
3	ANALYTICAL THINKING SOCIETY	55	LEADERSHIP AND IDEALIST THOUGHT COMMUNITY
4	SEARCH AND RESCUE SOCIETY	56	TONGUE OF DISPOSITION SOCIETY
5	RESEARCH AND DEVELOPMENT (R&D) SOCIETY	57	LÖSEV SOCIETY
6	ANCESTOR SPORTS AND EQUESTRIAN SOCIETY	58	MECHANICAL ENGINEERING SOCIETY
7	ATATURKIST IDEAS SOCIETY	59	MATHEMATICS SOCIETY





8	SOCIETY OF KNOWLEDGE AND VALUES	60	MEDIA AND COMMUNICATIONS SOCIETY
9	COMPUTER AND INFORMATION TECHNOLOGIES SOCIETY	61	NATIONAL CONSCIOUSNESS AND AWARENESS SOCIETY
10	SCIENCE FICTION AND FANTASY SOCIETY	62	SOCIETY OF KEEPING THE NATIONAL VALUES ALIVE
11	BICYCLE SOCIETY	63	MOTOR SPORTS SOCIETY
12	I GROWED UP AND BECAME AND ADULT SOCIETY	64	DEBATE SOCIETY
13	CONTEMPORARY YOUTH SOCIETY	65	MUSIC SOCIETY
14	MOUNTAINING SOCIETY	66	MIDDLE EASTERN RESEARCHES AND RESURRECTION SOCIETY
15	DROP SOCIETY	67	OTTOMAN CULTURE AND CIVILIZATION SOCIETY
16	DANCE SOCIETY	68	PROACTIVE THINKING AND ACTION SOCIETY
17	LANGUAGE AND CULTURE SOCIETY	69	PROJECT DEVELOPMENT AND MANAGEMENT SOCIETY
18	DİYANET YOUNG VOLUNTEERS SOCIETY	70	PROJECT EDUCATION AND CULTURE SOCIETY
19	DOMANIÇ HAYME ANA SCIENCE, CULTURE AND ART SOCIETY	71	RADIO SOCIETY
20	DUSCART ALTERNATIVE ENERGY TOOLS SOCIETY	72	RECREATION SOCIETY
21	WORLD LANGUAGES SOCIETY	73	COLOR-BLIND IDEAS SOCIETY
22	ELECTRONIC SPORTS SOCIETY	74	RISK SOCIETY
23	EMET VOCATIONAL SCHOOL FINE ARTS SOCIETY	75	ROCK CULTURE SOCIETY
24	INDUSRTY AND EFFICIENCY SOCIETY	76	HEALTHY LIFE, SPIRITUAL CARE AND VALUES SOCIETY
25	BARRIER-FREE LIFE SOCIETY	77	ART AND DESIGN SOCIETY
26	SOCIETY OF ETHICS	78	DEFENSE INDUSTRY SOCIETY
27	FINANCIAL LITERACY SOCIETY	79	SİMAV SOCIETY OF TECHNOLOGY
28	SOCIETY OF PHYSICS AND ASTRONOMY	80	SİMAV ARTIFICIAL INTELLIGENCE SOCIETY
29	PHOTOGRAPHY AND CINEMA SOCIETY	81	CIVIL LIFE SOCIETY
30	PHRYGIAN ARCHEOLOGY AND ART SOCIETY	82	POLITICAL TREATISE SOCIETY
31	TRADITIONAL TURKISH HANDICRAFT SOCIETY	83	SOCIAL COOPERATION SOCIETY



32	YOUNG ENTREPRENEURS SOCIETY	84	SUPPORTING SOCIAL LIFE SOCIETY
33	YOUNG TEMA AND ENVIRONMENTALISM SOCIETY	85	STRATEGICAL THINKING SOCIETY
34	SOCIETY OF YOUNG ARHAEOLOGISTS	86	UNDERWATER SOCIETY
35	THE YOUNG GREEN CRESCENT SOCIETY	87	MARTYR LIBRARIES SOCIETY
36	FOLK DANCE SOCIETY	88	HISTORY, CULTURE AND IDEA ACADEMY SOCIETY
37	AVIATION SOCIETY	89	HISTORY, CULTURE AND TOURISM SOCIETY
38	ANIMAL RIGHTS PROTECTION SOCIETY	90	DESIGN WORKSHOP COMMUNITY
39	IDEALIST YOUTH SOCIETY	91	TAVŞANLI CULTURE AND TOURISM SOCIETY
40	IEEE INTERNATIONAL ELECTRICAL AND ELECTRONIC ENGINEERING SOCIETY	92	THEATER SOCIETY
41	KNOWLEDGE, IDEA AND LITERATURE SOCIETY	93	SOCIETY OF COMMUNITY VOLUNTEERS
42	ENGLISH LITERATURE SOCIETY	94	TURKISH WORLD RESEACRH SOCIETY
43	INNOVATION AND LEADERSHIP SOCIETY	95	TURKIC STUDIES SOCIETY
44	SOCIETY OF HUMAN RIGHTS AND FREEDOMS	96	INTERNATIONAL RELATIONS SOCIETY
45	CONSTRUCTION SOCIETY	97	ULUSLARARASI ÖĞRENCİ DEĞİŞİMİ TOPLULUĞU
46	SOCIETY OF BROTHER COUNTRIES	98	INTERNATIONAL TRADE SOCIETY
47	CAREER AND ACADEMY SOCIETY	99	SPACE AND AVIATION COMMUNITY
48	LIGHT-HEARTED FUTURE SOCIETY	100	UNIVERSITY AK YOUTH SOCIETY
49	THE RED CRESCENT SOCIETY	101	ARTIFICIAL INTELLIGENCE SOCIETY
50	CHEMISTRY SCIENCE SOCIETY	102	AUTHORS AND POETS SOCIETY
51	BOOKING PEOPLE SOCIETY	103	SOCIETY OF NEW PEOPLE
52	AMERICAN FOOTBALL SOCIETY		

Society names specified in blue are communities related to sustainability.

#### [6.6] Number Of Cultural Activities on Campus (E.G.Cultural Festival) Including Virtual Activities

The number of cultural activities held on campus and explanations regarding these activities are given below as of 2018-2019 and 2020.

#### CULTURAL AND ARTISTIC ACTIVITIES HELD IN 2018

ACTIVITY TYPE	2018
---------------	------



Conference	21
Seminar	2
Interview	1
Ceremony and Award Night	1
Memorial Night - Walk	1
<b>Total</b>	<b>26</b>

#### CULTURAL AND ARTISTIC ACTIVITIES PLANNED IN 2019

ACTIVITY TYPE	2019
Conference	11
Seminar	2
Exhibition – Show – Concert Festival – Cinema Screening	1
<b>Total</b>	<b>14</b>

#### CULTURAL AND ARTISTIC ACTIVITIES PLANNED IN 2020

ACTIVITY TYPE	2020
Conference	4
Seminar	3
Interview	1
Revelry – Concert - Festival	1
<b>Total</b>	<b>9</b>

#### [6.7] Number of University Program(S) to Cope With Covid-19 Pandemic

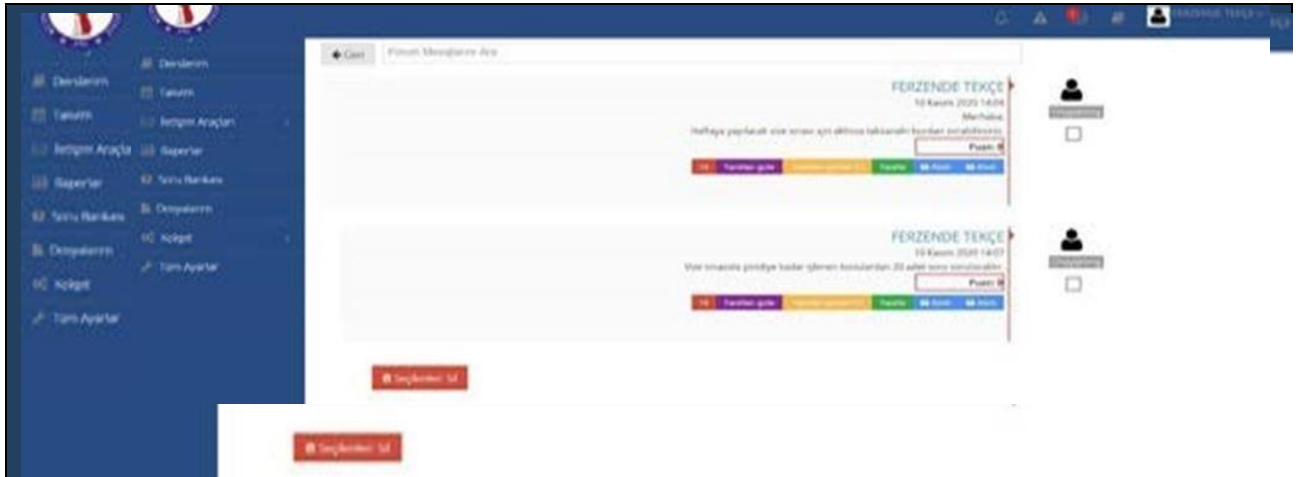
There are programs implemented by Kütahya Dumlupınar University in order to carry out educational activities and social and cultural activities without any problems during the Covid 19 pandemic. These programs are:

1. Distance Education Policy Document was created.
2. Distance Education Strategic Plan was created.
3. There is software called ALMS.
4. There is software called Perculus. (Virtual Classroom and e-Meeting Platform)
5. In the distance education process carried out due to the COVID-19 Pandemic Process, computer laboratories etc. areas are open to the use of all university students.
6. There are practices regarding improvements made within the scope of student feedback for distance/coeducation processes.
7. As per the decision taken by our University Senate, the 2019-2020 spring semester mid-term exams, homework, projects, application assignments, etc. form was decided.
8. Online meetings were held in six groups about distance education processes in order to improve the teaching competence of all faculty members at our university.

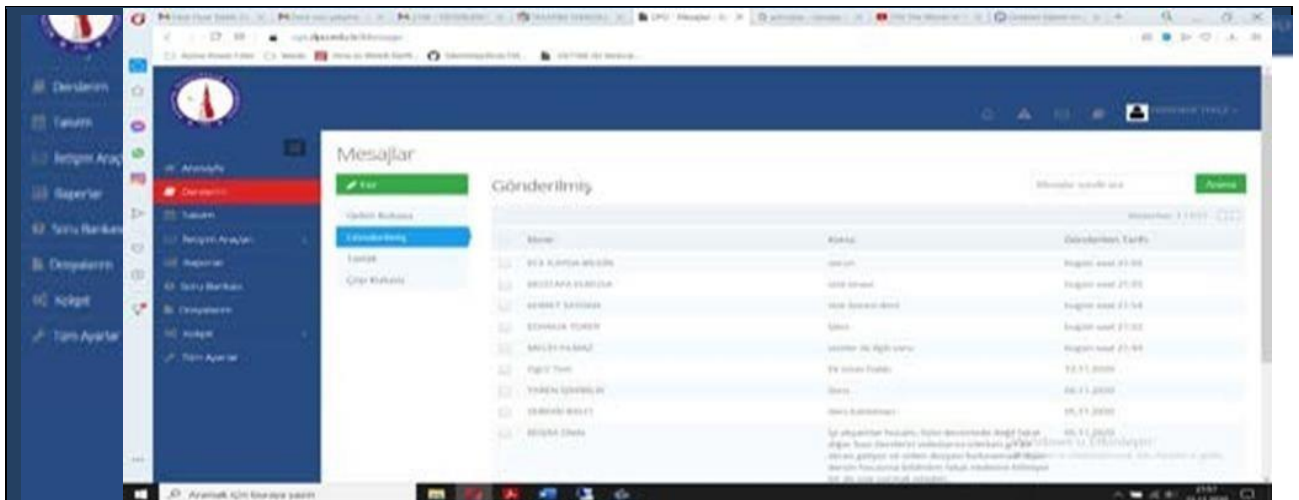




- 9. Our university actively uses WhatsApp application to provide easy access to students during the pandemic process.
- 10. Online social and cultural events were organized.



Messaging Screen (Kütahya Dumlupınar University, Turkey )



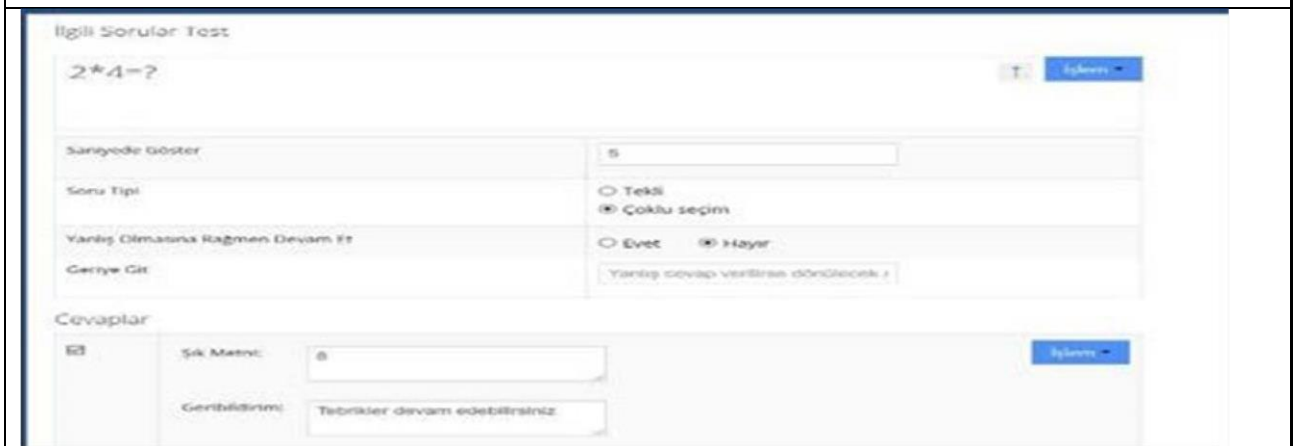
Instructor's Question Creation Screen (Kütahya Dumlupınar University, Turkey )



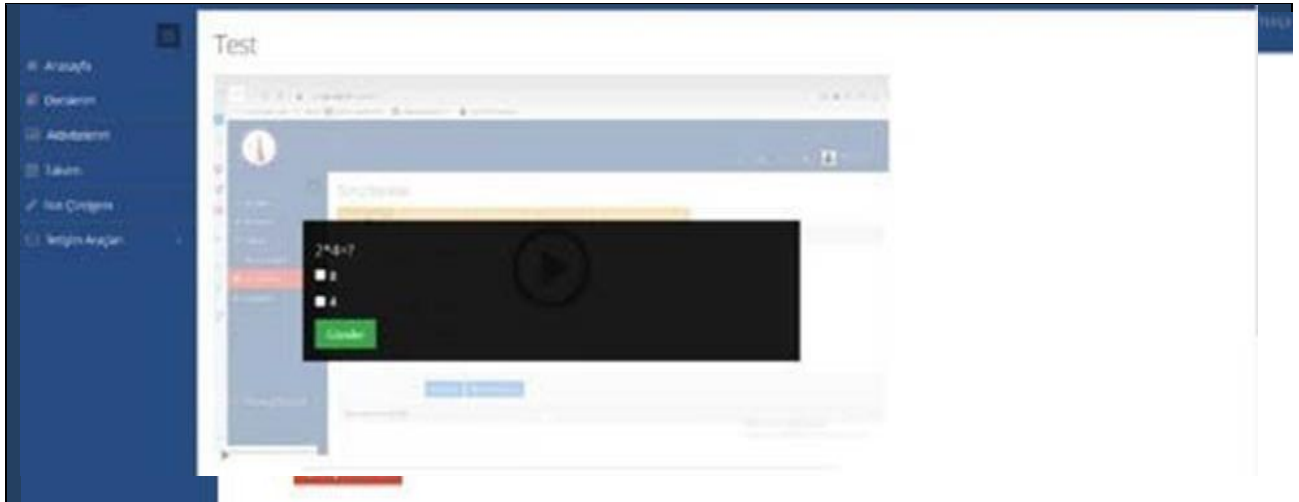
Student Exam Screen (Kütahya Dumlupınar University, Turkey )



Instructor's Screen to Add Questions to The Video (Kütahya Dumlupınar University, Turkey )



Intelligent Video Student Interaction Moment (Kütahya Dumlupınar University, Turkey )



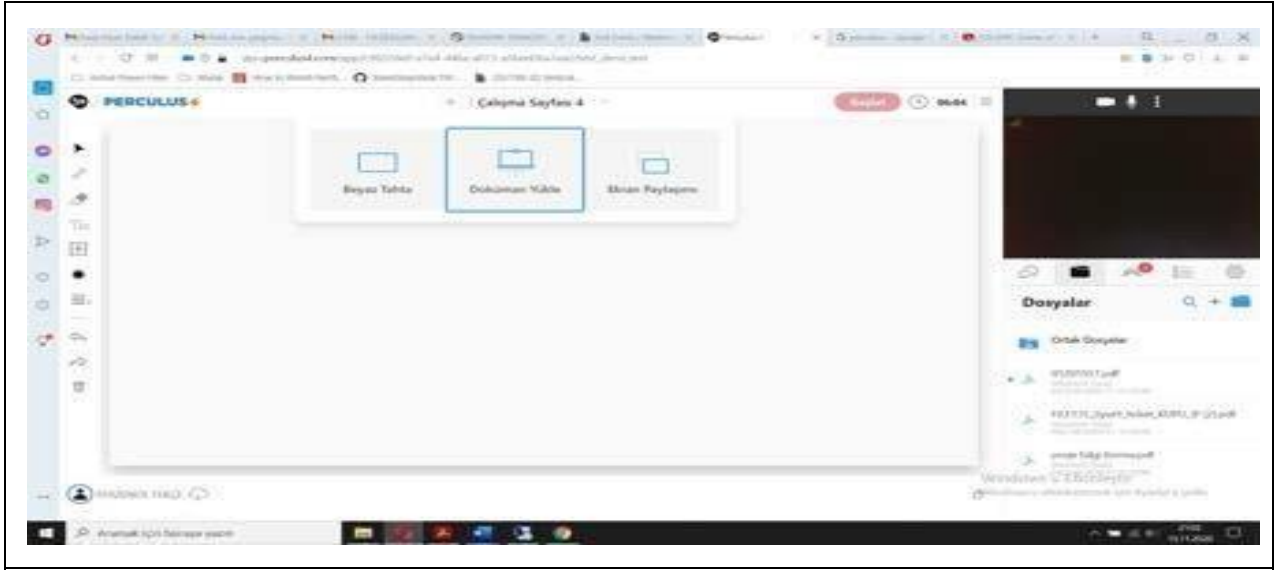
Instructor Activity Add Screen (Kütahya Dumlupınar University, Turkey )

<p><b>+ Yeni Aktivite Ekle</b> ▾</p> <ul style="list-style-type: none"> <li>+ Ödev</li> <li>+ Sınav</li> <li>+ Forum</li> <li>+ Doküman</li> <li>+ Anket</li> <li>+ Sanal Sınıf</li> <li>+ Morpa Aktivitesi</li> <li>+ Dersdeo Videosu</li> <li>+ Video</li> <li>+ Sınıf İçi</li> <li>+ Link Aktivitesi</li> <li>+ Sözlük Ekle</li> </ul>	<p>Give The Student Permission to Speak</p>
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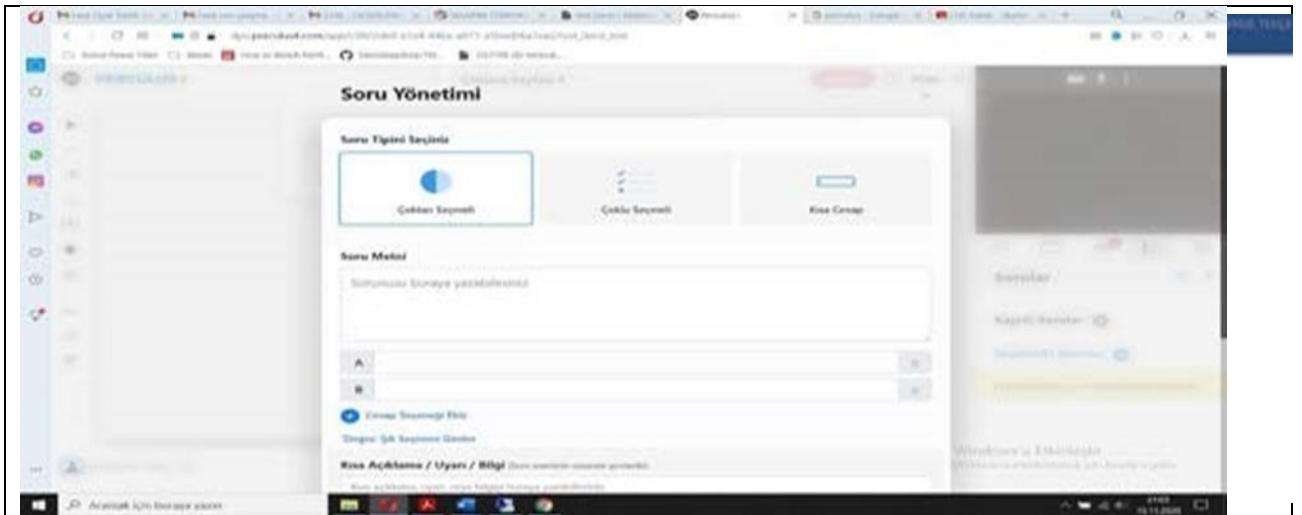


Perculus Other Sharing Options (Kütahya Dumlupınar University, Turkey )





Perculus Questionnaire (Kütahya Dumlupınar University, Turkey )



Perculus Questionnaire (Kütahya Dumlupınar University, Turkey )



T. C.  
KÜTAHYA DÜMLUPINAR ÜNİVERSİTESİ  
SENATO KARARLARI

TOPLANTI SAYISI: 16

KARAR TARİHİ 22/04/2020

**Etk-1.** Kütahya DPO Öğrenci İşleri Daire Başkanlığının 21.04.2020 tarihli ve 300-E.15562 sayılı yazıları gereği; 2019- 2020 bahar yarıyılında uzaktan öğretimle yapılan derslerin ara sınavlarına ilişkin uygulamalar üzerine görüşme.

**2020.Senato.188-** Kütahya DPO Öğrenci İşleri Daire Başkanlığının 21.04.2020 tarihli ve 300-E.15562 sayılı yazıları gereği; 2019- 2020 bahar yarıyılında uzaktan öğretimle yapılan derslerin ara sınavlarına ilişkin uygulamalar üzerine görüşüldü.

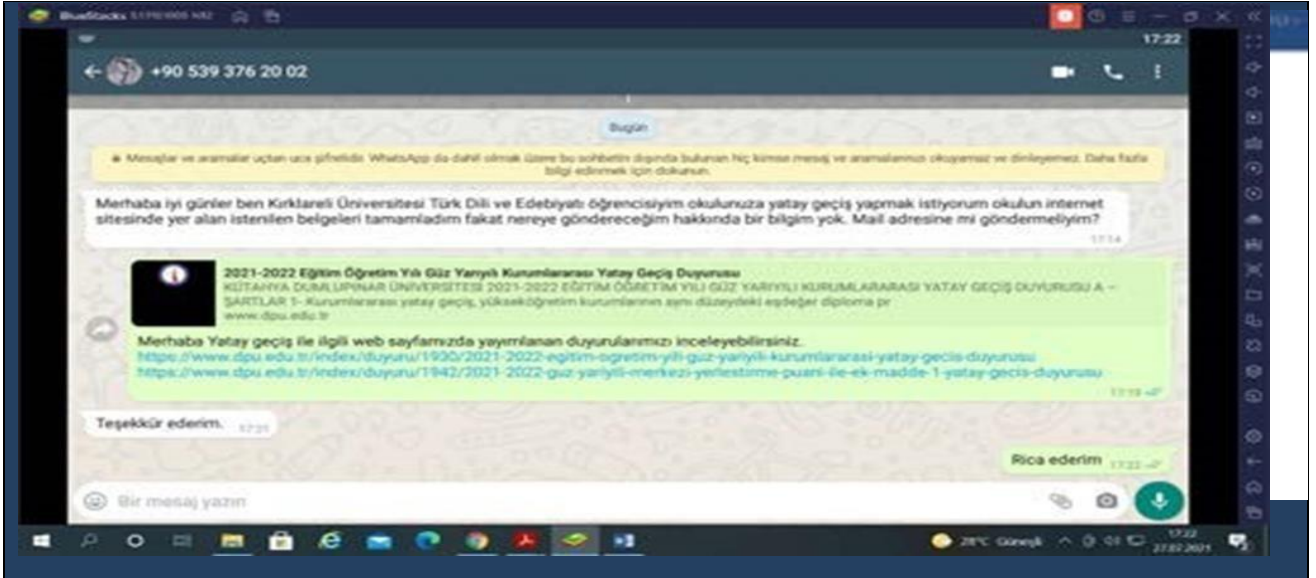
Yapılan görüşmeler sonucunda; Üniversitemiz Uzaktan Öğretim Komisyonunun 21.04.2020 tarihli toplantısında, 2019- 2020 bahar yarıyılında uzaktan öğretimle yapılan derslerin ara sınavlarına ilişkin uygulamalar ile ilgili tekliflerinin 2. Maddesinde yer alan "Sınavlar, ilgili dersin öğretim elemanı tarafından akademik takvimde belirtilen ara sınav başlama tarihine kadar (04.04.2020) öğrencilere ödev, proje, uygulama ödevi vb. şekilde verilecektir" ibaresindeki 04.04.2020 tarihinin 04.05.2020 olarak senatoca değiştirilmiş şekliyle 2547 sayılı Kanun'un 14. maddesi uyarınca kabulüne oy birliği ile;

ASLI GİBİDİR

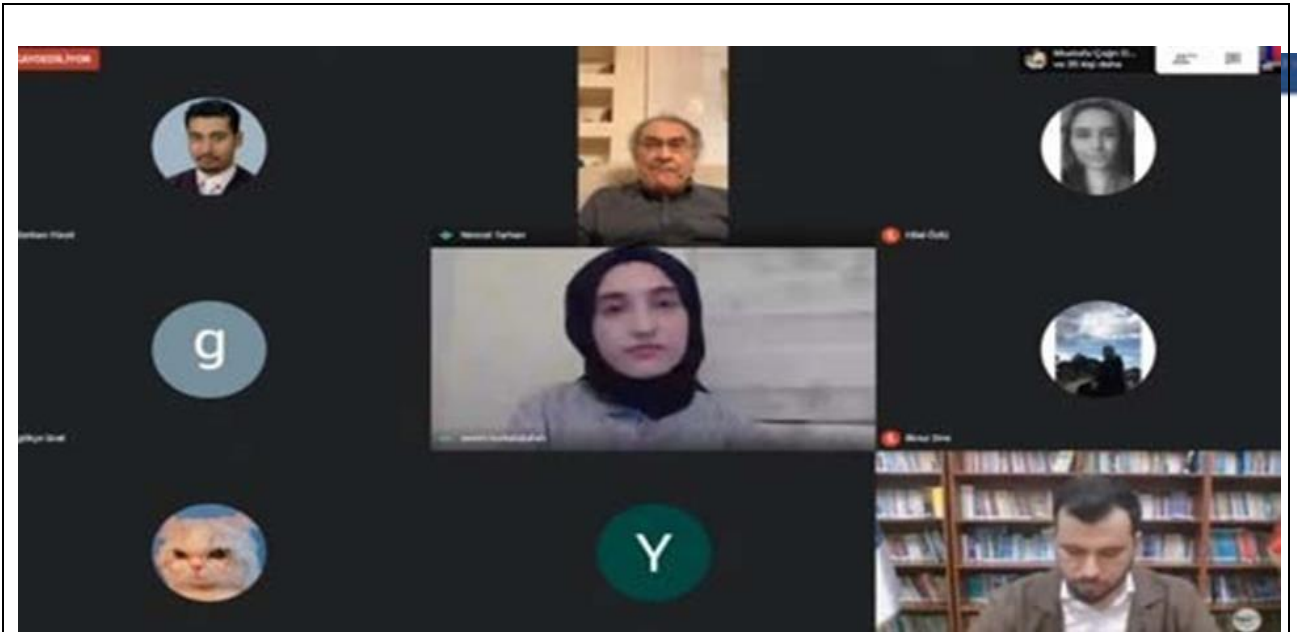
22 Nisan 2020



*A. Bal*  
**Prof. Dr. Atilla BATUR**  
Önemli Sekreter V.



WhatsApp Application to Provide Easy Access (Kütahya Dumlupınar University, Turkey )



Child Development at DPU. (Kütahya Dumlupınar University, Turkey )





The Role of Women in The Reconstruction of The Turkish World Panel at DPU.  
(Kütahya Dumlupınar University, Turkey )



Sports and Barrier-Free Life Panel at DPU. (Kütahya Dumlupınar University, Turkey )



### [6.8] Number of Sustainability Community Services Project Organised and/Or Involving Students

Information on 8 sustainability community services projects organized by and/or involving students of Dumlupınar University is given in the table below.

Project Name	Participants	Project Duration	Project Area
Kütahya Do it Yourself Workshop	Children aged 6 to 14	Permanent	Education
Şaphane Do it Yourself Workshop	Children aged 6 to 14	Permanent	Education
Gediz Do it Yourself Workshop	Children aged 6 to 14	Permanent	Education
DPU's Gluten-Free Kitchen Project	Pazarlar Vocational School	2 years	Education
Stone and Silver Turning into Jewelry, Obstacles Removed Project	Disabled	Permanent	Waste
Zero Waste International Poster Contest	Everyone		Water
Gediz Do it Yourself Workshop Techno-Festival	Children aged 6 to 14	Permanent	Education
Simav Do it Yourself Workshop	Children aged 6 to 14	Permanent	Education

### [6.9] Number of Sustainability-Related Startups

There are non-profit digital and non-digital initiatives initiated and carried out by Kütahya Dumlupınar University to ensure sustainability. These initiatives can be summarized as follows:

1. The European Union Project on “Providing Digital Education to Families to Protect Children”, carried out by Kütahya Dumlupınar University and partnered by Kütahya Provincial Directorate of Family Labor and Social Services, universities from Spain, Greece, Italy and Lithuania, aims to raise awareness about child abuse and neglect.
2. In cooperation with Kütahya Dumlupınar University Faculty of Fine Arts and Visual Arts Education Association, the group exhibition "Art Education in the Epidemic Period" with an international jury was opened, and cultural elements is aimed to be transferred to future generations through art.
3. Under the leadership of Kütahya Dumlupınar University, a training cooperation protocol was signed between Kütahya Governorship, Kütahya Municipality and Provincial Gendarmerie Command. With the signed cooperation protocol, it is aimed to expand education and training activities, to integrate with the city, to develop joint projects with public institutions, to maximize cooperation between institutions, and to use infrastructure opportunities in the most efficient way.
4. Kütahya Dumlupınar University Faculty of Fine Arts and Kütahya Municipality jointly prepared the “Municipality-University Hand in Hand to a Strong Future for Kütahya” project. Within the scope of the project, it is aimed to ensure the participation of women, youth and children in education and employment. Within the scope of the project, contributing to social development by ensuring the participation of women,



youth and children, who are among the disadvantaged groups, in education and employment, and the labor and labor force needed by tile and craft enterprises with the women's cooperative and institutional. With a sustainable model, establishing a new and innovative system and creating a social development model, in Kütahya, which is the capital of tile art and included in the UNESCO Creative Cities Network in the field of Crafts and Folk Arts, to increase the production and income in tile and other folk arts. It is also aimed to establish training centers in order to increase the number of artists and craftsmen and to ensure the development of human capital for the development of the city with creative cultural sectors. This project received support from the Ministry of Industry and Technology.

**5.** In order to raise awareness for disabled citizens who could not leave their homes during the pandemic process, a fishing event was organized by the Kütahya Dumlupınar University Accessible Student Unit with the slogan "I'm Fishing Without Barriers".

**6.** Quantitative PCR analyzer belonging to Kütahya Dumlupınar University has been made available to Kütahya Health Sciences University Evliya Çelebi Training and Research Hospital, which is struggling with the Covid-19 outbreak.

**7.** A protocol was signed between Kütahya Dumlupınar University and Kütahya Provincial Directorate of National Education, which envisages mutual assistance and cooperation in the implementation of the "Kütahya is Livening Up with Science" project. According to the signed protocol, DPU Advanced Technologies Center (ILTEM) will organize a 3D Printer and Microscope event during the festival.

**8.** Our Education Faculty will carry out activities with 20 students who will take part in the project voluntarily. The vehicle prepared in our Engineering Faculty and working with renewable energy will be exhibited in the festival area and the telescope of our Physics Department will be allocated for the event. **9.** The project "5kW Artificial Neural Network Controlled Modular Hybrid Inverter Project" prepared by Kütahya Dumlupınar University academicians received TÜBİTAK support. With the new generation modular inverter developed within the scope of the project, more than one renewable energy source can be used in the same inverter.


However, the user will be able to add the appropriate MPPT modules to his inverter for each renewable energy source he wants to add to his system. Thus, the user will be freed from the cost of a separate inverter for each renewable energy source. In addition, when the user wants to improve or modify his system, it will be sufficient to simply purchase the MPPT module of the renewable energy source he will add to his system and add it to his inverter. Within the scope of the project, a 5 kW artificial neural network controlled source-side hybrid and grid-side hybrid modular inverter system will be produced.

**10.** A protocol was signed between the Department of Biology of Kütahya Dumlupınar University (DPU) and the General Directorate of Nature Conservation and National Parks (DKMP) for cooperation in the field of flora within the scope of the biodiversity inventory and monitoring project of Kütahya province. Within the scope of the National Biological Diversity Inventory and Monitoring Project initiated by DKMP with the signed protocol, it was agreed that DPU Biology department and DKMP monitoring studies could be carried out in cooperation with the DPU Biology Department in the field of flora within the scope of the biological diversity inventory and monitoring project of the province of Kütahya.

**11.** Rainbow ISC, one of the Kütahya Tasarım Teknokent companies, has completed the R&D studies of 11 products in three different models in order to find solutions to the problems experienced in the landscape and agricultural irrigation sector and to reduce waste by reducing unnecessary water consumption thanks to remote- controlled irrigation systems.

**12.** Kütahya Dumlupınar University will contribute to the employment of disadvantaged groups with the "Stone and Silver Transform into Jewelry, Barriers Remove" project. The overall objective of the project is to revitalize a forgotten craft area such as ornamental stone shaping and silver jewelry making in Kütahya, which has been declared a creative city by UNESCO in the field of craft and folk arts, and to provide employment and employment opportunities for disadvantaged groups, especially people with disabilities. It is planned to contribute to the creation of an alternative business line to increase their employability.



No.	Information
1	<p><b>Startup name:</b> Providing Digital Education to Families to Protect Children Project</p> <p><b>Startup area in UI Greenmetric questionnaire:</b> (ED)</p> <p><b>URL:</b><a href="https://haber.dpu.edu.tr/tr/haber_oku/5e215389a9021/dpu-cocuklari-korumak-icin-aileleredijital-egitim-verecek">https://haber.dpu.edu.tr/tr/haber_oku/5e215389a9021/dpu-cocuklari-korumak-icin-aileleredijital-egitim-verecek</a></p> <p><b>Description:</b> The European Union Project on “Providing Digital Education to Families to Protect Children”, carried out by Kütahya Dumlupınar University and partnered by Kütahya Provincial Directorate of Family Labor and Social Services, universities from Spain, Greece, Italy and Lithuania, aims to raise awareness about child abuse and neglect.</p> 

2

**Startup name: DPU Faculty of Fine Arts "Art Education Exhibition in the Epidemic Period"**

**Startup area in UI Greenmetric questionnaire: (ED)**

**URL:** [https://haber.dpu.edu.tr/tr/haber\\_oku/5fc9db3c781fa/dpu-gsfnin-salgin-donemindesanat-egitimi-sergisi-acildi](https://haber.dpu.edu.tr/tr/haber_oku/5fc9db3c781fa/dpu-gsfnin-salgin-donemindesanat-egitimi-sergisi-acildi)

**Description:** In cooperation with Kütahya Dumlupınar University Faculty of Fine Arts and Visual Arts Education Association, the group exhibition "Art Education in the Epidemic Period" with an international jury was opened, and cultural elements will be transferred to future generations through art. Due to the continuation of the epidemic process, the exhibition, which met its audience virtually this year, was held with the participation of faculty members, faculty members and graduate students of our Faculty of Fine Arts, among teachers, members of GÖRSED and international artists.



3

**Startup name: Education Cooperation Protocol with DPU Three Public Institutions**

**Startup area in UI Greenmetric questionnaire: (ED)**

**URL:** [https://haber.dpu.edu.tr/tr/haber\\_oku/5e10d86281e54/dpu-uc-kamu-kurulusuylaegitim-is-birligi-protokolu-imzaladi](https://haber.dpu.edu.tr/tr/haber_oku/5e10d86281e54/dpu-uc-kamu-kurulusuylaegitim-is-birligi-protokolu-imzaladi)

**Description:** Under the leadership of Kütahya Dumlupınar University, a training cooperation protocol was signed between Kütahya Governorship, Kütahya Municipality and Provincial Gendarmerie Command. With the signed cooperation protocol, it is aimed to expand education and training activities, to integrate with the city, to develop joint projects with public institutions, to maximize cooperation between institutions, and to use infrastructure opportunities in the most efficient way.



4 **Startup name: Municipality-University Hand in Hand to a Strong Future for Kütahya**

**Startup area in UI Greenmetric questionnaire: (ED)**

**URL:** [https://haber.dpu.edu.tr/tr/haber\\_oku/5e5dfd37da151/dpu-ve-kutahya-belediyesininprojesine-bakanliktan-destek](https://haber.dpu.edu.tr/tr/haber_oku/5e5dfd37da151/dpu-ve-kutahya-belediyesininprojesine-bakanliktan-destek)

**Description:** Kütahya Dumlupınar University Faculty of Fine Arts and Kütahya Municipality jointly prepared the “Municipality-University Hand in Hand to a Strong Future for Kütahya” project. Within the scope of the project, it is aimed to ensure the participation of women, youth and children in education and employment. Within the scope of the project, contributing to social development by ensuring the participation of women, youth and children, who are among the disadvantaged groups, in education and employment, and the labor and labor force needed by tile and craft enterprises with the women's cooperative and institutional With a sustainable model, establishing a new and innovative system and creating a social development model, in Kütahya, which is the capital of tile art and included in the UNESCO Creative Cities Network in the field of Crafts and Folk Arts, to increase the production and income in tile and other folk arts. It is also aimed to establish training centers in order to increase the number of artists and craftsmen and to ensure the development of human capital for the development of the city with creative cultural sectors. This project received support from the Ministry of Industry and Technology.





- 5 **Startup name: "I'm Fishing Without Barriers" Activity**  
**Startup area in UI Greenmetric questionnaire: (WR)**  
**URL:** [https://haber.dpu.edu.tr/tr/haber\\_oku/5f17df7312049/dpude-engel-tanimiyor-baliktutuyorum-etkinligi](https://haber.dpu.edu.tr/tr/haber_oku/5f17df7312049/dpude-engel-tanimiyor-baliktutuyorum-etkinligi)  
**Description:** In order to raise awareness for disabled citizens who could not leave their homes during the pandemic process, a fishing event was organized by the Kütahya Dumlupınar University Accessible Student Unit with the slogan "I'm Fishing Without Barriers".



- 6 **Startup name: Important Collaboration Step from DPU in Fight Against Covid-19**  
**Startup area in UI Greenmetric questionnaire: (EC)**  
**URL:** [https://haber.dpu.edu.tr/tr/haber\\_oku/5f6462a1d1f51/dpuden-covid-19la-mucadeledeonemli-is-birligi-adimi](https://haber.dpu.edu.tr/tr/haber_oku/5f6462a1d1f51/dpuden-covid-19la-mucadeledeonemli-is-birligi-adimi)  
**Description:** Quantitative PCR analyzer belonging to Kütahya Dumlupınar University has been made available to Kütahya Health Sciences University Evliya Çelebi Training and Research Hospital, which is struggling with the Covid-19 outbreak.



7	<p><b>Startup name: Support from TUBITAK to DPU's Projects</b></p> <p><b>Startup area in UI Greenmetric questionnaire: (EC)</b></p> <p><b>URL: <a href="https://haber.dpu.edu.tr/tr/haber_oku/5e29944593fd7/dpunun-projelerine-tubitaktanbir-destek-daha">https://haber.dpu.edu.tr/tr/haber_oku/5e29944593fd7/dpunun-projelerine-tubitaktanbir-destek-daha</a></b> <b>Description:</b></p> <p>The project "5kW Artificial Neural Network Controlled Modular Hybrid Inverter Project" prepared by Kütahya Dumlupınar University academicians received TÜBİTAK support. With the new generation modular inverter developed within the scope of the project, more than one renewable energy source can be used in the same inverter. However, the user will be able to add the appropriate MPPT modules to his inverter for each renewable energy source he wants to add to his system. Thus, the user will be freed from the cost of a separate inverter for each renewable energy source. In addition, when the user wants to improve or modify his system, it will be sufficient to simply purchase the MPPT module of the renewable energy source he will add to his system and add it to his inverter. Within the scope of the project, a 5 kW artificial neural network controlled source-side hybrid and grid-side hybrid modular inverter system will be produced.</p> 
8	<p><b>Startup name: "Kütahya is Livening Up with Science" Project</b></p> <p><b>Startup area in UI Greenmetric questionnaire: (EC)</b></p> <p><b>URL: <a href="https://haber.dpu.edu.tr/tr/haber_oku/5fdcffcb64338/dpuden-kutahya-bilimle-senleniyorprojesine-destek">https://haber.dpu.edu.tr/tr/haber_oku/5fdcffcb64338/dpuden-kutahya-bilimle-senleniyorprojesine-destek</a></b></p> <p><b>Description:</b> A protocol was signed between Kütahya Dumlupınar University and Kütahya Provincial Directorate of National Education, which envisages mutual assistance and cooperation in the implementation of the "Kütahya is Livening Up with Science" project. According to the signed protocol, DPU Advanced Technologies Center (ILTEM) will organize a 3D Printer and Microscope event during the festival. Our Education Faculty will carry out activities with 20 students who will take part in the project voluntarily. The vehicle prepared in our Engineering Faculty and working with renewable energy will be exhibited in the festival area and the telescope of our Physics Department will be allocated for the event.</p>



**Startup name:** Monitoring the Biodiversity of Kütahya

**9 Startup area in UI Greenmetric questionnaire:** (WR)

**URL:** [https://haber.dpu.edu.tr/tr/haber\\_oku/5e4fd3b3a58a9/kutahyanin-biyolojik-cesitlili-gdputarafindan-da-izlenecek](https://haber.dpu.edu.tr/tr/haber_oku/5e4fd3b3a58a9/kutahyanin-biyolojik-cesitlili-gdputarafindan-da-izlenecek)

**Description:** A protocol was signed between the Department of Biology of Kütahya Dumlupınar University (DPU) and the General Directorate of Nature Conservation and National Parks (DKMP) for cooperation in the field of flora within the scope of the biodiversity inventory and monitoring project of Kütahya province. Within the scope of the National Biological Diversity Inventory and Monitoring Project initiated by DKMP with the signed protocol, it was agreed that DPU Biology department and DKMP monitoring studies could be carried out in cooperation with the DPU Biology Department in the field of flora within the scope of the biological diversity inventory and monitoring project of the province of Kütahya.





- 10 **Startup name:** Control of Irrigation Systems  
**Startup area in UI Greenmetric questionnaire:(WR)**  
**URL:**[https://haber.dpu.edu.tr/tr/haber\\_oku/5fbb9f1a4fadb/sulama-sistemlerinin-kontrolukutahya-teknokente-millilesiyor](https://haber.dpu.edu.tr/tr/haber_oku/5fbb9f1a4fadb/sulama-sistemlerinin-kontrolukutahya-teknokente-millilesiyor)  
**Description:** Rainbow ISC, one of the Kütahya Tasarım Teknokent companies, has completed the R&D studies of 11 products in three different models in order to find solutions to the problems experienced in the landscape and agricultural irrigation sector and to reduce waste by reducing unnecessary water consumption thanks to remote- controlled irrigation systems.



- 11 **Startup name:** “Stone and Silver Turn into Jewelry, Obstacles Are Removed” Project  
**Startup area in UI Greenmetric questionnaire:(ED)**  
**URL:**[https://haber.dpu.edu.tr/tr/haber\\_oku/5f3d193dea9e9/tas-ve-gumus-takiya-donusuyorengeller-kalkiyor-projesi](https://haber.dpu.edu.tr/tr/haber_oku/5f3d193dea9e9/tas-ve-gumus-takiya-donusuyorengeller-kalkiyor-projesi)  
**Description:** Kütahya Dumlupınar University will contribute to the employment of disadvantaged groups with the “Stone and Silver Transform into Jewelry, Barriers Remove” project. The overall objective of the project is to revitalize a forgotten craft area such as ornamental stone shaping and silver jewelry making in Kütahya, which has been declared a creative city by UNESCO in the field of craft and folk arts, and to provide employment and employment opportunities for disadvantaged groups, especially people with disabilities. It is planned to contribute to the creation of an alternative business line to increase their employability.



**T.C. SANAYİ VE  
TEKNOLOJİ BAKANLIĞI**



**Zafer**  
Kalkınma Ajansı  
Development Agency



## CONCLUSION

Due to the scarcity of world resources, it forces human beings to use scarce resources effectively. As it is known, the necessity of effective use of scarce resources has been discussed since the second half of the 20th century, on the basis of sustainable development goals. Especially in recent years, climate change, natural disasters, increase in air pollution level, threat of drought, epidemics necessitate the creation and implementation of a strategy within the framework of sustainability in all activities of humanity. Human beings affect every living and non-living being that makes up the environment and society with their activities. For this reason, human beings should be aware of their responsibilities towards the environment and society in order to meet their basic human needs and survive today and in the future.

Kütahya Dumlupınar University, which has adopted the mission of being an education-oriented university that trains individuals with professional qualifications in various fields with the responsibility of scientific research and service to society, is a university that is aware of its responsibilities towards the environment and society. Being sensitive to the environment and being responsible to the society are the basic values of our university. In line with these core values, educational activities, scientific meetings, events and projects have been realized for both internal and external stakeholders.

Kütahya Dumlupınar University strives to continuously improve the structure and infrastructure in all its campuses in terms of environment and society. Currently, most of the campuses within DPU are covered with forest and green areas. Despite this, afforestation and greening works continue to be carried out with the participation of students, academic and administrative staff within the body of DPU. It has also established facilities and infrastructure for the health, safety and well-being of students, academic and administrative staff. DPU, which makes the necessary arrangements to ensure that disabled people are unhindered on campus, was awarded 14 flags within the scope of YÖK Barrier-Free University Awards.

DPU prefers the use of energy efficient devices in order to contribute to sustainability in energy and climate change. The university prefers to use energy efficient devices in the support services carried out in order to ensure the uninterrupted execution of education and training, which is its main field of activity. Our campuses



have green buildings that benefit from sunlight through large windows, glass ceilings and polycarbonate roofs. There are green areas inside the buildings in various academic and administrative units of our university. In addition, DPU implements greenhouse gas emission reduction programs within Scope 1, Scope 2 and Scope 3 to reduce greenhouse gas emissions, which are the most important determinants on climate change. It provides training, offers educational materials and carries out activities to the surrounding communities and at the national level in order to raise awareness about climate change and ensure its mobilization.

For the recycling of organic, inorganic and toxic wastes, which is another important issue in ensuring sustainability, DPU has made agreements with organizations providing recycling services in line with the relevant regulations. It also implements 6 programs to reduce the use of paper and plastic on campus.

The fact that the drought started to be felt in our country once again revealed the importance of water saving. DPU saves more than 50% of water with its water saving programs and practices. In addition, with the water recycling program implementation, it saves 30% water, uses 30% water efficient devices, and consumes 80% purified water.

In order to reduce greenhouse gas emissions in transportation, zero-emission vehicles were acquired by our university and these vehicles were made available to academic and administrative staff free of charge. In addition, it is aimed to reduce the use of private vehicles on campus by offering vehicles such as bicycles, UTVs and ATVs that can be used on campus. Pedestrians have also been considered within DPU, and safe, convenient and disabled-friendly pedestrian paths have been put into use within the campus.

DPU is aware that the starting point in ensuring sustainability is the production of knowledge and its transfer to people. Therefore, it is possible to see the traces of sustainability within the scope of education and research activities. In the 2020-2021 period, 3,642 of the 28,481 courses given at DPU are related to sustainability. In addition, 24% of the total research budget in 2018, 2019 and 2020 was allocated to research related to sustainability. The average number of academic publications on sustainability made by DPU academics in 2018, 2019 and 2020 is 476. Again, the average number of events organized or hosted by DPU in 2018, 2019 and 2020 is 18. DPU encourages its students to work on sustainability issues through organizations/clubs. There are 23 student societies operating on issues related to sustainability within DPU. In addition, cultural events are organized within the body of DPU on sustainability issues, and 8 sustainable community services projects, including students, were carried out in 2020. In addition, it is aimed to contribute to sustainability with 12 initiatives initiated by our university or in which our university is a stakeholder.

In summary, Kütahya Dumlupınar University, with the initiatives and participation of our rector, vicerectors, academic and administrative staff, students, conducts studies on sustainability issues such as human rights, animal rights and protection of animals, providing equal opportunities in education, providing barrier-free education for students with disabilities, protecting and improving the environment, reducing greenhouse gas emissions, saving water and energy, using renewable energy resources, providing lifelong learning, providing education for the society. resources, reducing poverty, protecting water and life on land. In order to contribute more to sustainability, it will be beneficial to increase green areas, to increase the work to be done on sustainability and the budget to be allocated to these studies, to increase the production and use of renewable energy, and to increase the number of courses on sustainability.