



ESKİŞEHİR OSMANGAZI UNIVERSITY

SUSTAINABILITY REPORT

2023-2024



Eskişehir Osmangazi University Sustainable Green Campus Strategy

1. Eskişehir Osmangazi University Green Campus Vision

Eskişehir Osmangazi University's Green Campus Strategy adopts a comprehensive approach that integrates the principles of environmental sustainability, climate-friendly practices, social responsibility and innovation. This strategy is based on national and international standards and relevant legal regulations and aims to increase efficiency in energy production, transmission and consumption on the university campus, to prevent unconscious use and waste, and to make energy costs sustainable. It also includes important elements such as reducing greenhouse gas emissions within the scope of combating climate change, protecting natural resources with the land use and storm water management plan, and preventing environmental pollution with the waste management plan.

Eskisehir Osmangazi University Campuses are committed to taking actions in line with the strategic goals and objectives set by the Green Campus Strategy. In this framework, this strategy document, which constitutes the priority and important components of environmental and energy policy, aims to improve the sustainability and environmental impact of the university campuses.

In the short term, implement energy and water conservation policies, initiate and promote recycling programs, create bicycle lanes and public transportation services to make campus transportation sustainable. In the medium term, investing in renewable energy sources, adapting campus buildings to energy efficiency standards, encouraging the purchase of environmentally friendly products. In the long term, constructing green buildings and updating existing buildings according to these standards, making education and research programs sustainability-oriented, protecting and increasing natural areas on campus.

2. ESOGU Sustainability Principles

The sustainability principles of Eskişehir Osmangazi University aim to realize all necessary activities in accordance with the following basic principles policy for an environmentally, economically and socially sustainable future.

a. **Environmental Responsibility**: The University's environmental responsibility aims to adopt the policy of protecting natural resources, supporting biodiversity and reducing carbon footprint. In addition, it should include practices such as increasing energy efficiency on campuses, waste reduction and recycling. Eskişehir Osmangazi University should evaluate its



environmental impact by determining its own carbon footprint. In this direction, strategies should be developed for more efficient energy use by analyzing the energy resources used on and around the campus.

In line with the environmental responsibility assessment and sustainability policies of Eskişehir Osmangazi University, the biodiversity in the campus area should be protected and all necessary studies should be carried out to examine the ecosystems on the university land and to protect and improve the habitat.

- b. Community Engagement and Partnership: Eskisehir Osmangazi University should collaborate with local communities, understand community needs and partner in sustainability efforts.
- c. **Community Education and Awareness:** Eskisehir Osmangazi University should organize educational programs and events to raise awareness about sustainability among students, staff and the community.
- d. **Research and Innovation:** Eskisehir Osmangazi University should promote sustainability-related research and innovation, provide support for pioneering work and encourage knowledge sharing in this field.
- e. **Impact Assessment and Improvement:** Eskisehir Osmangazi University should regularly assess the impact of its sustainability efforts and develop strategies for continuous improvement.
- f. **Governance and Management:** Eskişehir Osmangazi University should integrate sustainability principles into its management and business processes and take sustainability criteria into account in decision-making processes.
- g. **Fair and Equitable Practices:** Eskisehir Osmangazi University should review and improve its policies and practices to promote equality, fairness and diversity.

These principles can help the university define its sustainability vision and commitments and guide it to adopt a strategic approach to sustainability.

3. Main Goals, Objectives and Actions of ESOGU Green Campus Strategy Plan



The Green Campus Strategy of Eskisehir Osmangazi University has been created to determine a concrete and result-oriented policy in the field of sustainable energy and environmental management in the context of the responsibilities of administrative and academic management units. The Green Campus Strategy Plan aims to increase the sustainability level of the campuses and reduce the carbon footprint. In this context, it aims to increase energy efficiency, improve waste management, improve green infrastructure and raise environmental awareness. In order to achieve these goals, various actions such as implementing new green projects, developing policies and guidelines, establishing partnerships and collaborations, and establishing monitoring and evaluation mechanisms are carried out. For the execution, monitoring and evaluation of the Strategy Document, the Sustainable Green Campus Coordinatorship of Eskişehir Osmangazi University, appointed by the Rectorate, has the authority to monitor and supervise all actions of the working group in these areas.

In order to achieve the strategic goals of Eskişehir Osmangazi University, short, medium and long term plans will be created and specific activities will be carried out within the framework of these plans. The results of these activities will be measured by the following key performance indicators and used in "Carbon Footprint" calculations:

- Implement energy efficiency measures and increase the use of green energy to reduce CO2 emission levels indoors.
- Promote sustainable architecture and energy efficient building designs to reduce CO2 emissions per building and per capita.
- Implementing energy efficiency programs and awareness raising activities to reduce energy consumption per person and per square meter.
- Implement water conservation measures and promote the use of sustainable water resources to reduce per capita water consumption.
- Strengthening recycling programs and awareness-raising activities to increase the amount of solid waste recovery per capita and per building indoor area.
- Developing and promoting the use of recycling systems to increase the amount of water used through recycling.
- Taking noise control measures and increasing green areas to reduce environmental noise levels on campus.



- Taking isolation and sound insulation measures to reduce indoor noise levels in buildings on campus.
- Encouraging and implementing composting programs to increase the conversion rate of kitchen and garden waste into compost.

With the realization of these activities, important steps will be taken towards reducing the environmental impact of Eskişehir Osmangazi University and achieving its sustainability goals.

- Energy Efficiency and Renewable Energy Use
- Water Efficiency and Natural Resources Conservation Management / Policies
- Waste Management and Recycling Policies
- Green Building Design and Construction Standards
- Sustainable Transportation Systems
- Sustainable Environmental Management
- Protection of Biodiversity and Natural Areas on Campus

a) Energy Efficiency and Renewable Energy Use

- 1. Methods and measures to be applied in energy efficiency and saving will be determined. For this purpose, energy efficiency and saving potential studies will be conducted and an inventory will be created. These studies will be repeated in necessary periods.
- 2. Innovative and state-of-the-art applications for energy efficiency will be encouraged.
- 3. Necessary studies will be carried out for the establishment of an Energy Management System, the administrative structure will be reviewed within the framework of the requirements of this system, arrangements will be made, and in this framework, energy managers will be assigned and necessary initiatives will be taken to ensure that they receive the necessary training.
- **4.** Following the conduct of energy efficiency and saving studies, implementation methods (Efficiency Improvement Projects-VAP, Saving Projects-TSP) and their investment costs and return periods will be determined by foreseeing the efficiency improvement and saving potential.
- 5. Necessary resources will be allocated in the budget for the realization of the applications accepted as "VAP" and "TSP". Projects will be evaluated as short, medium and long term projects, short and medium term projects and initiatives will be started immediately



within the framework of budgetary possibilities, while preliminary preparatory work such as projects, research, etc. will be carried out for long term projects.

- **6.** National or internationally accepted minimum efficiency criteria for energy consuming goods and services procurement and construction works will be examined and possible changes will be made in the technical specifications for new buildings for this purpose.
- 7. Feasibility and feasibility studies will be completed for the gradual replacement of all kinds of equipment, machinery and vehicles that have completed their economic life in terms of energy efficiency with equipment that is more compatible with the environment and has high efficiency, and necessary initiatives will be taken in line with the decisions to be made according to the results of the studies and feasibility studies.
- **8.** Increase the utilization rate of renewable energy systems in existing campus facilities.
- **9.** Academic "Scientific Research Projects" for the research of renewable energy resources will be emphasized and supported.
- **10.** Detailed and data-based potential studies for the conversion of wind and solar energy into electricity on and around the campus will be completed.
- 11. Necessary survey and feasibility studies will be carried out for the establishment of an energy monitoring system, for this purpose, necessary arrangements will be made in medium voltage transformers, electricity meters will be made electronically traceable, and necessary studies will be initiated if it is decided to establish systems as a result of the survey and feasibility studies.
- **12.** Encouraging the use of energy-saving light bulbs for more efficient use of light sources on campus.

b. Water Efficiency and Natural Resources Conservation Management / Policies

- 1. The efficiency and potential of the existing natural resources in the campus area will be determined through necessary analyzes and measurements.
- 2. Studies will be conducted on the water needs and resources of the campus.
- 3. Suitable areas for rain harvesting will be identified and sample applications will be carried out.
- **4.** Data on water use will be collected and usage statistics will be prepared.
- 5. Necessary studies and feasibility studies will be carried out to reduce the amount of water consumption per capita, and necessary arrangements will be made in line with the decisions to be made as a result of the studies and feasibility studies.
- 6. Necessary surveys and feasibility studies will be carried out to reduce the amount of vegetable water consumption per square meter, and necessary works will be initiated in line with the decisions to be made as a result of the surveys and feasibility studies.



- 7. Identification and repair of leaks to reduce water loss in line with the principle of sustainability.
- **8.** Studies will be carried out to develop institutional collaborations and initiate scientific research projects for the purpose of developing regional water resources
- **9.** Necessary survey and feasibility studies will be carried out for the establishment of a monitoring system to monitor the pollution that may occur in regional water resources around international standards, and necessary studies will be initiated in line with the decisions to be made as a result of the survey and feasibility studies.
- **10.** Raising on-campus and regional awareness on water conservation. For this purpose, training and seminar programs will be prepared and implemented with the active participation of student communities.
- **11.** Activities for raising regional awareness will be organized in cooperation with relevant institutions and organizations.

c. Waste Management and Recycling Policies

- 1. Studies will be carried out to create a waste inventory.
- 2. Necessary surveys and feasibility studies will be carried out for the collection, storage and recycling systems (in cooperation with private companies or government projects) of hazardous wastes, waste oils, waste batteries and batteries, and necessary studies will be initiated in line with the decisions to be made as a result of the surveys and feasibility studies.
- 3. Necessary studies and feasibility studies will be carried out to ensure that kitchen and garden wastes are converted into compost in accordance with the target set in the performance indicators, and necessary studies will be initiated in line with the decisions to be made as a result of the studies and feasibility studies.
- 4. Necessary surveys and feasibility studies will be carried out for the collection and recycling of economically valuable paper, glass and metal wastes (in cooperation with private companies or government projects), and necessary studies will be encouraged in line with the decisions to be made as a result of the surveys and feasibility studies.
- 5. On-campus awareness raising and training activities will be organized.

d. Green Building Design and Construction Standards

1. Initiatives will be taken to increase the use of renewable energy systems in existing campus facilities.



- 2. Values related to indoor ambient noise in existing buildings will be determined and necessary survey and feasibility studies will be carried out for possible technical arrangements related to noise insulation, and necessary studies will be initiated in line with the decisions to be made as a result of the survey and feasibility studies.
- 3. Necessary surveys and feasibility studies will be carried out for the issuance of "Energy Identity Certificate" for the existing facility buildings based on the "Turkish Energy Performance Regulation on Buildings", and necessary initiatives will be taken in the event that a decision is taken for certification as a result of the surveys and feasibility studies.
- 4. Insulation of buildings will be reviewed in order to prevent energy loss, the sustainability of energy and natural resources will be audited and audited with regular reports.
- 5. Evaluating the compliance of faculty buildings with green building standards and making improvements when necessary.

e. Sustainable Transportation Systems

- 1. A plan for the establishment of an environmentally and energy sensitive transportation system will be prepared and submitted to relevant institutions.
- 2. Suggested projects will be prepared to improve public transportation facilities and traffic systems and the suggestions will be shared with the public.
- 3. Efforts to increase the use of bicycles and electric vehicles on campus will be identified and necessary work will be done to make physical arrangements.
- 4. Necessary studies will be carried out to reduce the CO2 emissions above the limits in our existing institutional vehicles below the limits and to take necessary measures to monitor fuel consumption (vehicle tracking system).
- 5. On-campus noise maps will be prepared and necessary studies and feasibility studies will be carried out to reduce noise if necessary, and necessary studies will be initiated in line with the decisions to be made as a result of the studies and feasibility studies.
- 6. Principles will be determined and implemented to ensure that motor vehicles without silencers and other noise-reducing parts are not allowed to enter the campus, and that horns or other sound-making devices are not used unnecessarily on or inside motor vehicles.

f. Sustainable Environmental Management



- 1. Activities will be organized to ensure continuous contact with relevant institutions and organizations and to accelerate initiatives related to liquidation or transformation.
- 2. To bring CO₂ emissions in general and indoor spaces on campus to the target level determined in the performance indicators.
- 3. Initiatives will be taken to establish monitoring and maintenance programs to determine the adequacy of the ventilation system in closed areas.
- 4. Necessary survey and feasibility studies will be carried out to establish an air quality measurement station, integrate it into the national information system, ensure continuous measurements and establish an air quality warning system throughout the campus, and necessary studies will be initiated if it is decided to establish the systems as a result of the survey and feasibility studies.
- 5. In order to protect indoor air quality, possible measures will be taken in technical specifications to limit the use of building and decoration materials containing high volatile organic matter.
- 6. Necessary efforts will be made to ensure the use of environmentally friendly cleaning agents throughout the campus.
- 7. Necessary surveys and feasibility studies will be carried out for the establishment and operation of air purification systems in all laboratories where chemicals are used, and necessary studies will be initiated if it is decided to establish the systems as a result of the surveys and feasibility studies.
- 8. Necessary studies will be carried out to prevent insect reproduction and thus limit the use of pesticides by establishing an Integrated Insect Management system.
- 9. The contribution of fossil fuel consuming systems to air pollution in campus facilities will be examined, necessary survey and feasibility studies will be carried out on the measures that can be taken for improvement, and necessary studies will be initiated if it is decided to install systems as a result of the survey and feasibility studies.
- 10. Necessary studies will be carried out to examine and inspect the quality of fossil fuels used.
- 11. Active participation in national afforestation activities and continuous on-campus afforestation activities will contribute to air quality.
- 12. On-campus awareness-raising and training activities will be organized.

g. Protection of Biodiversity and Natural Areas on Campus

1. Creating the necessary infrastructure to protect natural areas and biodiversity on ESOGU campuses and to reduce the carbon footprint within the campus area,



- 2. Protecting biodiversity and increasing the number of trees in Meşelik, Ali Numan Kıraç, Çamlık, Bademlik, Organized Industry, Mahmudiye, Sivrihisar, Çifteler campuses of Eskişehir Osmangazi University and managing natural areas in a sustainable manner.
- 3. Eskisehir Osmangazi University's campuses are predominantly located in the city, and planning should be made to prevent damage to natural areas during the construction process.
- 4. Carrying out the necessary work to reduce carbon emissions by protecting the Meşelik Main Campus, which is located on the edge of Eskişehir City Forest, with the right strategies.
- 5. Natural areas within the campuses are subject to a systematic maintenance and management process. Maintenance activities to be carried out in the campuses will contribute to the protection of biodiversity and prevention of habitat degradation.
- 6. Gardeners and cleaning teams working on campuses will be encouraged to use environmentally friendly tools instead of tools that increase carbon footprint in on-campus cleaning and maintenance.
- 7. During the construction of new buildings and facilities, infrastructure maintenance and repair work will be encouraged, taking into account environmental impacts.
- 8. On-campus awareness raising and training activities will be organized and endemic plant species on our campus will be protected.

h) Sustainability in Education and Research

- 1. Creating courses and programs that include sustainability issues will be encouraged. For the acquisition of sustainable actions, course curricula should be created under the sub-headings mentioned above under the title of "Sustainable Living" in the course curricula of ESOGU Faculties and Institutes.
- 2. Encourage the implementation of green campus policies on issues such as energy efficiency, waste management and water conservation.
- 3. Develop new collaborations and externally funded projects at national and international levels.
- 4. A communication plan for on-campus and national awareness-raising activities (congresses, workshops, seminars, etc.) will be prepared and activities will be carried out within the framework of this plan.
- 5. Efforts will be made to contribute to awareness raising and promotion by organizing national and international competitions.
- 6. Prioritizing research support for BAP projects related to the Sustainable Green Campus Strategy Document will be encouraged.



- 7. Awareness on environment and sustainability should be raised by organizing seminars, workshops, documentary film screenings and technical trips for ESOGU staff and students on sustainable actions and combating the climate crisis.
- 8. Educational programs and activities should be organized for ESOGU students and staff on "Love of Nature, Ecosystems and Biodiversity Conservation, Climate Change and Sustainability, Conservation of Natural Resources, Recoverable Natural Resources, Social Responsibility and Nature Conservation Policies and Legal Frameworks".
- 9. Get technical support by contacting local non-governmental organizations operating in Eskişehir
- 10. Eskişehir Provincial Directorate of Agriculture and Forestry, Environmental Engineers working in the Recycling Center of the Municipalities operating in Eskişehir should be invited to our University to give various seminars, conferences and various technical trips, field studies and applications should be planned to increase the environmental awareness of students.
- 11. Encouraging the opening of social elective, social responsibility courses, sustainability, non-technical elective courses in departments



1 Setting and Infrastructe (SI)



Number of Campus Sites

Eskisehir Osmangazi University was founded based on the Law Number 496 passed on August 18, 1993, and Faculties of Engineering and Architecture, Medicine, Science and Letters, and the University Hospital were seperated from Anadolu University and affiliated to Osmangazi University. Health Services School, Eskişehir Health Services Vocational School; Institutes of Science and Technology, Medical Sciences, Educationa Sciences and Social Sciences and the newly oppened Faculty of Economics and Administrative Sciences was restructured under the name "Osmangazi University". The name of Osmangazi University was changed as "Eskisehir Osmangazi University" based on the Law Number 5379 passed on July 1, 2005.

Although legally established in 1993, the year 1970, when Eskişehir State Engineering Architecture Academy (EDMMA) is founded, is used as the "foundation year" with a decision of Senate. Sivrihisar Vocational High School was established in 1994, Faculty of Agriculture and Faculty of Theology were established in 1995, Faculty of Education was established in 1998 and Faculty of Dentistry were established and were added to our units. Mahmudiye Horse Breading Vocational School has started to education in 2007-2008 academic year, and Faculty of Art and Design was established in 2009. Faculty of Health Sciences has started to student recruitment in 2016-2017 academic year. Lastly, the faculty of Tourism was established in 2013, and the Faculty of aw was established in 2018, and they all has been added to the structure of our University which has been growing and developing rapidly.

Eskişehir Osmangazi University has a total campus area of 2.624.624 m², and 80.000 m² of this area is used as classroom-laboratory-office, 50.000 m² of this is used as social facility- library, and 62.000 m² of this is used as heath area. Eskişehir Osmangazi University continues its education, R&D and health care activities at Meşelik, Bademlik, Çamlık, Ali Numan Kıraç, Sivrihisar, Sarıcakaya, Mahmudiye, Çifteler and Organized Industrial Zone Campuses. Eskişehir Osmangazi University, a strong and long-established university with 52 years of scientific experience, continues to produce knowledge with 13 Faculties, 1 Schools, 6 Vocational Schools, 4 Institutes and 40 Application and Research Center, and progressing steadiliy towards modern science.





1. Meşelik Campus (Büyükdere Meşelik Yerleşkesi, 26040 Odunpazarı/Eskişehir, Turkey)



2. Ali Numan Kıraç Campus (Eskişehir Osmangazi Üniversitesi Ziraat Fakültesi, Ali Numan Kıraç Yerleşkesi, Ziraat Caddesi, Kütahya Yolu,

26160 Odunpazarı/ESKİŞEHİR, Türkiye)





3. Bademlik Campus, (Eskişehir Osmangazi Üniversitesi

Bademlik Yerleşkesi 26480 Eskişehir / Türkiye, Türkiye)



4. Çamlık Campus, (Eskişehir Osmangazi Üniversitesi Gündoğdu, FATİH SİTESİ//Gündoğdu MH./, Filizer Sk., 26100 Odunpazarı/Eskişehir, Türkiye)





5. Çifteler Campus, (Erbab Mahellesi, İhsaniye Caddesi, No:1/3, Çifteler/ ESKİŞEHİR, Türkiye)







6. Mahmudiye Campus, (Işıklar, 26800 Mahmudiye/Eskişehir, Türkiye)





7. Organize Campus,

(75. Yıl (Sultandere) Mahallesi, Organize Sanayi Bölgesi, Teknoloji Bulvarı, Antrepo Caddesi No:1, Türkiye)



8. Sivrihisar Campus (Eskişehir Cd. No:140 Sivrihisar, ESKİŞEHİR, Türkiye)



Campus Setting











3-D Map of Meşelik Campus Area









- 1. www.ogu.edu.tr
- 2. https://www.ogu.edu.tr/en/Icerik/Index/8/yerlesim-ve-ulasim
- 3. https://www.ogu.edu.tr/en/lcerik/Index/191/contact
- 4. https://tip.esogu.edu.tr/en/Sayfa/Index/8/faculty-introduction
- 5. https://egitim.esogu.edu.tr/en
- 6. https://www.ogu.edu.tr/en/Icerik/Index/47/faculty-of-science
- 7. https://mmf.esogu.edu.tr/en
- 8. https://stf.esogu.edu.tr/en
- 9. https://sbf.esogu.edu.tr/en
- 10. https://tip.ogu.edu.tr/en/
- 11. https://tf.esogu.edu.tr/en
- 12. https://ziraat.esogu.edu.tr/en
- 13. https://ects.ogu.edu.tr/Birimler/Index/21
- 14. https://egitimbilimleri.esogu.edu.tr/en
- 15. https://www.ogu.edu.tr/en/lcerik/Index/25/institutes
- 16. https://sbf.esogu.edu.tr/en/Sayfa/Index/36/health-institutions-management
- 17. https://sosbilen.esogu.edu.tr/en
- 18. https://ydyo.ogu.edu.tr/en
- 19. https://www.ogu.edu.tr/lcerik/Index/191/iletisim



Total Campus Area (meter²)

Total area: $2.624.264 \text{ m}^2$ Total distance/circumference: 6.47 km (4.04 mi) = 6.470 m

				SI 1	SI 2	SI 3		SI 4		TR 5	TR 8
CAMPUS NAME	All Campus Area (m²)	ground floor area of buildings (m ²)	Open Space area (m²)	The ratio of open space to total area %	Total area on campus covered in forest vegetatio n (m²)	Total area on campus covered in planted vegetatio n (m²)	KAMPÜS İÇİ YOLLAR (m²)	SU EMİLİMİ İÇİN TOPLAM ALANLAR (m2)	parking area (m²)	the ratio of parking are to total area %	Walkingv ay and square etc. (m²)
MEŞELİK YERLEŞKESİ	1.350.750	182.339	1.168.411	86,50	115.620	366.855	138.422	302.841	88.799	6,57	155.874
MEŞELİK ALT KISIM ARAZİLER	202.700		202.700					202.700			
MEŞELİK ÜST KISIM ARAZİLER	74.411		74.411					74.411			
ALİ NUMAN KIRAÇ YERLEŞKESİ	113.904	6.987	106.917	93,87	61.646	26.212	5.995	5.822	4.285	3,76	2.958
A.N.KIRAÇ ÇEVRESİ TARLA BAHÇE	323.495		323.495					323.495			
MAYISLAR (TARLA DEPO AMBAR)	368.669	1.525	367.144	99,59				367.144			
BADEMLİK YERLEŞKESİ	23.864	4.278	19.587	82,08	2.850	8.067	1.029	5.750	783	3,28	1.108
ÇAMLIK YERLEŞKESİ (Eski İlahiyat)	14.262	1.603	12.658	88,76	8.316	805	339	1.934	561	3,93	704
ORGANİZE MYO	19.736	2.544	17.192	87,11		5.612	978	7.417	2.399	12,15	787
MAHMUDİYE MYO	94.475	4.124	90.351	95,64		2.654	1.235	85.780	422	0,45	261
ÇİFTELER MYO	6.200	1.742	4.458	71,90		1.284		2.346	828	13,36	
SİVRİHİSAR MYO	31.798	1.128	30.670	96,45	7.646	1.029	691	19.454	1.064	3,35	787
TOTAL	2.624.264	206.269	2.417.995	92,14	196.079	412.517	148.688	1.399.092	99.140	3,78	162.479



Total campus buildings area

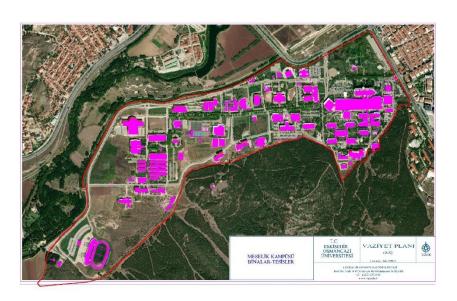


ESOGU has 162 building in all campus area.

TotalL Building Area: 468.104 m²



The ratio of open space area to total area



Example of Campus Meşelik, (Eskişehir Osmangazi University, Turkey)



Example of Campus Ali Numan Kıraç, (Eskişehir Osmangazi University, Turkey)





Example of Campus Bademlik, (Eskişehir Osmangazi University, Turkey)



Example of Campus Çamlık, (Eskişehir Osmangazi University, Turkey)





Example of Campus Çifteler, (Eskişehir Osmangazi University, Turkey)



Example of Campus Mahmudiye 1 , (Eskişehir Osmangazi University, Turkey)





Example of Campus Mahmudiye 2, (Eskişehir Osmangazi University, Turkey)



Example of Campus Organize, (Eskişehir Osmangazi University, Turkey)





Example of Sivrihisar, (Eskişehir Osmangazi University, Turkey)

Ratio of open space towards total area: 92,14%

Openspace Name	All area m ²	Openspace area m ²	the ratio of open space to total area	Duration (in Hours per Weeks)
MEŞELİK CAMPUS	1.627.861	1.445.522	89.41	168
ALİ NUMAN KIRAÇ CAMPUS	113.904	106.917	93.87	168
A.N.KIRAÇ ÇEVRESİ TARLA BAHÇE	323.495	323.495	100	56
MAYISLAR (TARLA DEPO AMBAR)	368.669	367.144	99.59	168
BADEMLİK CAMPUS	23.864	19.587	82.08	168
ÇAMLIK CAMPUS	14.262	12.658	88.76	168
ORGANİZE CAMPUS	19.736	17.192	87.11	168
MAHMUDİYE CAMPUS	94.475	90.351	95.64	168
ÇİFTELER CAMPUS	6.200	4.458	71.90	168
SIVRIHISAR CAMPUS	31.798	30.670	96.45	168

TOTAL 2.624.264 2.417.995 **92,14**



Total Area on Campus Covered in Forest Vegetation (meter²)



Total Forest Vegetation Area of Meşelik Campus (Eskişehir Osmangazi University, Turkey)



Total Forest Vegetation Area of Ali Numan Kıraç Campus

(Eskişehir Osmangazi University, Turkey)





Total Forest Vegetation Area of Bademlik Campus
(Eskişehir Osmangazi University, Turkey)



Total Forest Vegetation Area of Sivrihisar Campus
(Eskişehir Osmangazi University, Turkey)

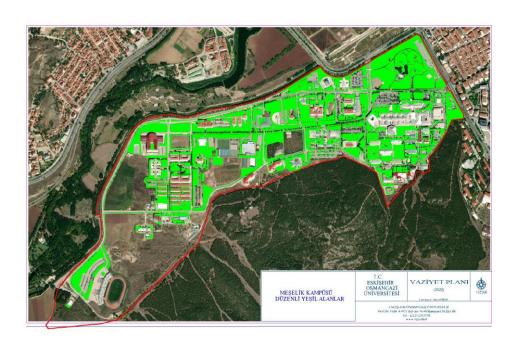


YERLEŞKE ADI	All area (m²)	The forest vegetation area in our campus (m²)
MEŞELİK CAMPUS	1.350.750	115.620
ALİ NUMAN KIRAÇ CAMPUS	113.904	61.646
BADEMLİK CAMPUS	23.864	2.850
ÇAMLIK CAMPUS	14.262	8.316
SİVRİHİSAR CAMPUS	31.798	7.646
Meşelik Campus Forest	100 000	100000

TOTAL 2.624.264 **296.079**The ratio of covered in forest to all area 11%



Total area on campus covered in planted vegetation (meter²)



Total Planted Vegetation Area of Meşelik Campus (Eskişehir Osmangazi University, Turkey)



Total Planted Vegetation Area Bademlik Campus (Eskişehir Osmangazi University, Turkey)



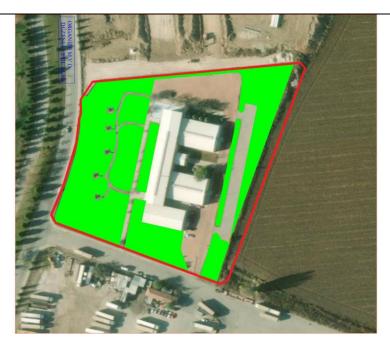


Example of Total Planted Vegetation Area (Eskişehir Osmangazi University, Turkey)



Total Planted Vegetation Area of Çifteler Campus (Eskişehir Osmangazi University, Turkey)





Total Planted Vegetation Area Mahmudiye Campus (Eskişehir Osmangazi University, Turkey)



Total Planted Vegetation Area of Sivrihisar Campus (Eskişehir Osmangazi University, Turkey)



Campus Name	All area (m²)	TheTotal area on campus covered in planted vegetation (m²)
MEŞELİK CAMPUS	1.350.750	366.854
ALİ NUMAN KIRAÇ CAMPUS	113.904	26.212
BADEMLİK CAMPUS	23.864	8067
ÇAMLIK CAMPUS	14.262	805
Organize Campus	19736	5612
Mahmudiye Campus	94475	2654
Çifteler Campus	6200	1284
SIVRIHISAR CAMPUS	31.798	7.646

TOTAL Area 1.654.989* **412517**

The ratio : 24.92%

*Other areas are not used as grassland as they are used for wheat, fruit and vegetable planting.







Total area on campus for water absorption besides the forest and planted vegetation (meter²)





Example of **Total area on campus for water absorption besides the forest and planted vegetation**(Eskişehir Osmangazi University, Turkey)

Total water absorption area: 128.915m²
Total Area: 454.678 m²
Percentage area: 28%

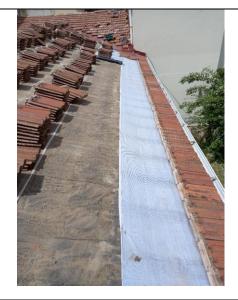


University budget for sustainability effort (in US Dollars)

	2022	2023	2024	Average
Budget Total	\$ 32087480	\$ 67.054.809	\$ 137.413.243	\$ 78.851.844
Sustainability Budget	\$ 6.417.496	\$ 13.410.961	\$ 27.482.648	\$ 15.770.368
			Percentage	20 %



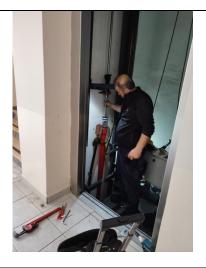
Percentage of operation and maintenance activities of building in one year period













Example of operation and maintenance activities of building in one year period



Total campus buildings area 445278 m²

Total operated building 288031 m²

Percentage building that operated and maintenanced 64.69%

ESKISEHIR OSMANGAZI UNIVERSITY MAINTENANCE AND REPAIR WORKS (MAINTENANCE AND REPAIR DEPARTMENT OF THE DEPARTMENT OF CONSTRUCTION WORKS)	Closed Area of Buildings Under Maintenance and Repair During the Year (m²)	Total Closed Area of the Building Used by the University (m²)	(%)
Rectorate	12.606,20		
Congress Center	3.748,95		
Library	6.597,61	1	
Cafeteria	7.530,60	1	
Theology Faculty	4.630,34	1	
iiBF Fak.	13.568,42	1	
Hospitals	48.120,00	1	
TİCAM	1.534,41	1	
Medicine Faculty	3.382,39]	
Heat center	1.350,00]	
International Office	136,92	1	
Security dept.	993,07	1	
Science Faculty (F5)	4.208,71		
HAMER	1.711,00		
Art Design Faculty	8.195,00	1	
Art Design Faculty (2)	631,00		
Sport Center	4.192,72	1	
Speor Center	428,36	445.278,34	64,69%
Foreign Lang.	13.474,88	1	
Education Faculty	28.500,00	1	
Eng. Dept.	43.655,97	1	
TİM	4.290,49	1	
Support units	1.552,78	1	
ETTOM	227,10	1	
Sivrihisar Campus	3.385,00	1	
Mahmudiye Campus	3.481,71	1	
Agricul. Dept	13.500,00]	
Bademlik Campus	9.582,37]	
Denstry Faculty	2.569,91]	
Rectorate (2)	291,92]	
Medicine Faculty	31.132,11]	
Stadium	7.016,15]	
Medico Social	1.262,83]	
Hippoterapi	542,36]	
TOTAL	288.031,28]	

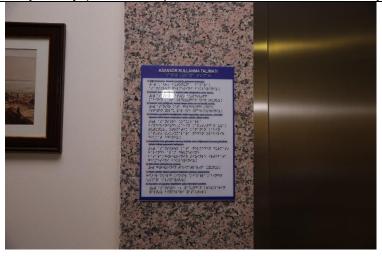


Campus facliities for disable, special needs and or maternity care



 Disabled parking (Eskişehir Osmangazi University, Türkiye)

 Accessible toilet (Eskişehir Osmangazi University, Türkiye)



3. Elevator usage instructions are written in Brailla alphabet. (Eskişehir Osmangazi University, Türkiye)



There is a relief path from the outside to the entrance of the library. (Eskişehir Osmangazi University, Türkiye)





Coordinators for Disabled Students

- 1. Disabled parking for disabled people to park their car which located at the nearest space each building
- 2. Accessible toilet for disabled people in each building
- 3. Lactation room is private room for staff who are breasfeeding can pump breast milk in private
- 4. There is a coordinator who coordinate and solve the problems of disable students and workers in campus area.
- 5. All buildings have disabled ramps



Campus facliities for disable, special needs and or maternity care



There is a relief path from the outside to the entrance of the library. (Eskişehir Osmangazi University, Türkiye)



Disabled toilet and elevator direction sign (Eskişehir Osmangazi University, Türkiye)



Disabled toilet and elevator direction sign (Eskişehir Osmangazi University, Türkiye)





Minibus for disable Students



Security and safety facilities





4. CCTV in entrance (Eskişehir Osmangazi University, Türkiye)

5. Example of Security Point (Eskişehir Osmangazi University, Türkiye)

PROTECTION AND SECURITY SUPERVISOR

Emergency Aid Applications

Within the scope of protection and security services, in emergencies such as crimes, accidents, fires and natural disasters, etc., the first intervention is made by going to the scene of the incident and simultaneously, support security personnel are provided to arrive at the scene via radio communication.¹

When necessary, the 112 Emergency Call Centre, which includes the Police, Gendarmerie, Health, Fire Brigade and Afad units, is called.

In case of natural disasters, contact is provided with AFAD radio to ensure instant and uninterrupted communication with the Provincial Directorate of Disaster and Emergency of Eskişehir Governorship.²

Emergency Assistance Device (pager) is used in order to take necessary security measures against physical assault, sexual harassment, theft and general crime against patients / patient relatives and health workers in our ESOGU Hospital, to inform the security personnel about the situation in the fastest way and to direct them to the scene quickly.³

If our university stakeholders need 24/7 security services in all kinds of public order problems, they can call the 'Emergency Hotline: 2626' extension line in case of any public order problems.

0222-239 37 50 / 2626

Response Time to Accidents, Crimes, Fires and Natural Disasters

In line with the security planning, there is an effective and fast response infrastructure against accidents, crimes, fires and natural disasters that may occur throughout the University. In line with the risk planning, the response time of our security officers to crimes, fires and natural disasters is maximum 2 minutes 30 seconds with 48 security points located throughout the University.

In the images detailed below, the response times of the supervisors and chiefs in our management staff to the target access points from the security chief's headquarters building are given.



DESTINATION TRANSPORT POINT - 2

Security Directorate - Main Entrance (New Nizamiye): Distance: 500 metres, Travel Time: 50 seconds



DESTINATION TRANSPORT POINT - 2

Security Directorate - Main Entrance (New Nizamiye): Distance: 500 metres, Travel Time: 50 Seconds



DESTINATION TRANSPORT POINT - 3

Security Directorate - Hospital: Distance: 550 metres, Transport Time: 1 minute 10 seconds





DESTINATION TRANSPORT POINT - 4

Security Directorate - Stadium: Distance: 1900 metres, Transport Time: 2 minutes 10 seconds



DESTINATION TRANSPORT POINT - 5

Security Directorate - Rectorate: Distance: 500 metres, Transport Time: 1 minute



DESTINATION TRANSPORT POINT - 6

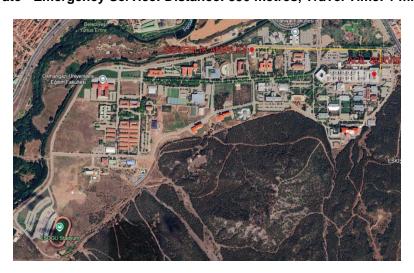
Security Directorate - Dental Faculty: Distance: 1000 metres, Transport Time: 2 minutes





DESTINATION TRANSPORT POINT - 7

Security Directorate - Emergency Service: Distance: 850 metres, Travel Time: 1 minute 50 seconds



DESTINATION TRANSPORT POINT - 8

Security Directorate - ARUM: Distance: 1500 metres, Transport Time: 2 minutes 15 seconds



CROSSING CONTROL POINTS

Safe and Environmentally Friendly Campus

In order to ensure a safe campus environment, unauthorised vehicles and pedestrians are prevented from entering the campus at Access Control Points.

This security practice also indirectly affects the reduction of carbon emission rates on campus.



Number and Distribution of Personnel

In order to ensure the security of life and property in our university and to carry out education, training and health services in order, protection and security services are provided full-time with <u>254 security guards and 48 security points.</u>

FIRE CABINETS

In our university, 451 fire cabinets are operational in all buildings and annexes

CCTV Camera Monitoring Centre

The Camera Monitoring Centre within our Directorate operates on a 24/7 basis with 7 personnel and 1182 security cameras. The image recordings taken at the Camera Monitoring Centre have a storage capacity of 60 days in ESOGU Hospital and 45 days in other units.

- www.ogu.edu.tr
- https://guvenlik.ogu.edu.tr/
- https://guvenlik.ogu.edu.tr/Sayfa/Index/45/acil-yardim-uygulamalari
- https://guvenlik.ogu.edu.tr/Sayfa/Index/46/cctv-kamera-sistemi
- https://guvenlik.ogu.edu.tr/Sayfa/Index/47/gecis-kontrol-noktalari
- https://guvenlik.ogu.edu.tr/Sayfa/Index/48/kaza-suc-yangin-ve-dogal-afetlere-mudahale-suresi
- https://guvenlik.ogu.edu.tr/Sayfa/Index/49/personel-sayisi-ve-dagilimi
- https://guvenlik.ogu.edu.tr/Sayfa/Index/50/yangin-dolabi
- https://guvenlik.ogu.edu.tr/Sayfa/Index/51/yangin-hidrant-sistem



Conservation: plant, animal, and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities













We have 750 olive trees in the region.







Organic pomegranate harvested from the field

Example of Conservation: plant, animal, and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities

Faculty of Agriculture continues its education, training and research activities in Ali Numan Kıraç Campus on Kütahya road.

The purpose of the faculty; To train agricultural engineers who use science and technique in line with the needs of the society, can be confident, honest, cooperate with different disciplines, are environmentally conscious, open to innovations and have professional ethics, contribute to regional and national development by conducting researches on the issues that the country needs, national and international public To become a qualified educational and research institution by cooperating with private and non-governmental organizations.

The faculty campus is 125 decares and there are 300 decares of trial land used for research and application purposes and 3 greenhouses of 850 m² in total. The Sarıcakaya Mayıslar Campus includes 400 decares of research and application land, 1 greenhouse of 200 m², olive oil processing facility and cold storage. For scientific studies and student applications; Pomology and Tissue Culture in Horticulture Department, Biotechnology Research and Application in Agricultural Biotechnology Department, Seed, Cytology, Quality, Tissue Culture, Medicinal Plants, Soil Science and Plant Nutrition Department in Soil Science and Plant Analysis Laboratories and Experiment in Zootechnics Department Cluster and Sheep Research Unit are available. The campus has a library and informatics laboratory for students.

2. ESOGU Faculty of Agriculture Farm Directorate

Region Name	Area m²
A.N.KIRAÇ Campus SURROUNDING FIELD GARDEN	323.495
MAYISLAR REGION	368.669
TOTAL	690.164 m ²



We have an administrative building and olive trees in our Mayıslar region on parcel number 985/52. The parcel information of the area in question and visuals of the collected olives are presented below. We have 750 olive trees in the region.





Mayıslar Region; We have a wheat field planted on 102 decares of land in our field located in Maylar parcel number 222.







We currently have 600 chickens in our coop







Our hives in our central campus;

We sell honey produced by our bees in our 20 hives in our central campus.





Our 100-acre pine forest in our central campus



Health infrastructure facilities for students, academics and administrative staffs' wellbeing



6. Eskişehir Osmangazi University Hospital





7. Faculty of Dentistry





8. Psychological Counselling and Guidance Unit

Total number of doctors of the faculty of medicine: 382
Total number of academicians at the faculty of dentistry: 98

Faculty of Medicine;

Our faculty has been accredited as of 01.01.2015 until 01.01.2021. In our faculty where the Integrated Education System is applied, PBL (Problem-Based Teaching) sessions are used to improve our students' ability to solve problems related to patients and diseases. Farabi (domestic) and Erasmus (international) Student and Faculty Member Exchange Programmes are implemented in our faculty. We have mutual agreements with 9 universities in Farabi Programme and 4 universities in Erasmus Programme. With these exchange programmes, our students are provided with the opportunity to study at different medical faculties. In our Multipurpose Central Microscopy Laboratory, where 1 microscope is given to each student, 200 students are given the opportunity to practice at the same time. Our laboratory is also supported by monitors with CCD camera system. The Professional Skills Laboratory, where basic medical skills are gained on models, has been operating since 1999. There are computer and internet facilities in the Electronic Library and Computer Laboratory located in the classrooms block of our faculty.

Faculty of Medicine Hospital has ISO 9001 quality certificate since 1999. With its **1000-bed modern** hospital, our Oncology Centre, to which patients from not only Eskişehir but also Afyon, Bilecik and Kütahya are sent, and the 175-bed Heart and Chest Diseases Centre, which was put into service on 14 March 2011, we provide health services to the people of the region.

Faculty of Dentistry;

Our faculty was established on March 28, 2008 with the decision of the Council of Ministers numbered 2008/13383, affiliated to the Rectorate of Eskisehir Osmangazi University.

After the first lecturers started working in 2011 and 2012, our faculty starting to provide oral and dental health services with the four-unit division in the Medico-Social Center within the body of our university started its education and training applications with 50 undergraduate students in the 2012-2013 academic year and 9 speciality students in 2013. As of the year 2019, our faculty has been providing both education and training



services and oral and dental health services with 23 lecturers, 55 speciality students and 462 undergraduate students.

The undergraduate program of our faculty lasts 5 years and the language of instruction is Turkish. Our students take preclinical professional applied courses in our preclinical and simulation laboratories as well as theoretical basic medical and dentistry courses in the first two years of their education. In their third grade, our students continuing their theoretical and preclinical applied courses are trained as monitoring students as well in order to adapt to clinical applications. In their fourth and fifth grades, our students mainly receiving clinical applied education take basic medical and dentistry professional and theoretical courses as well. Throughout their five-year professional education, our students benefit from clinics and laboratories equipped with up-to-date equipment that contemporary dentistry requires.

With our young and dynamic expert staff, we have aimed to be among the leading faculties of dentistry at the national and international levels, provide high level education and offer all kinds of health services related to oral and dental health to the residents of Eskişehir and the region by using advanced technology since the day we started serving as the Faculty of Dentistry. The diagnostic and treatment processes of our patients are conducted in computerized units established with totally digital infrastructure and our patients are provided service by following the latest developments of dentistry technology.

Psychological Counselling and Guidance Unit

Psychological counselling services are provided to our students and employees at the Medico-Social Centre. Our expert psychologist provides counselling and guidance to our students in solving the emotional, social, educational, vocational and job selection problems they face.

Our unit also carries out the following services;

Providing new students with introductory and enlightening information about the rules of the university and the immediate environment, ensuring that the student gets used to the environment and the university,

- To determine the problems of the students and to cooperate with the relevant institutions for their solution.
- To help students who want to change their current department to recognise their own interests and abilities and to make appropriate choices,
- To provide individual or group psychological counselling to students with emotional problems according to their wishes and needs. To help the individual to make important decisions, to get to know himself better, to establish more effective relationships with the people around him,
- To ensure that students are pre-interviewed by the authorities in referred cases and psychological tests
 are applied to them when necessary. Sending the student to the relevant service unit according to the
 results of the evaluation.

Psychological Counselling Services are provided to our students and staff by the expert psychologist working in our unit every weekday between 08:00 - 17:00. Interviews can be conducted online or face-to-face. 02222393750/132

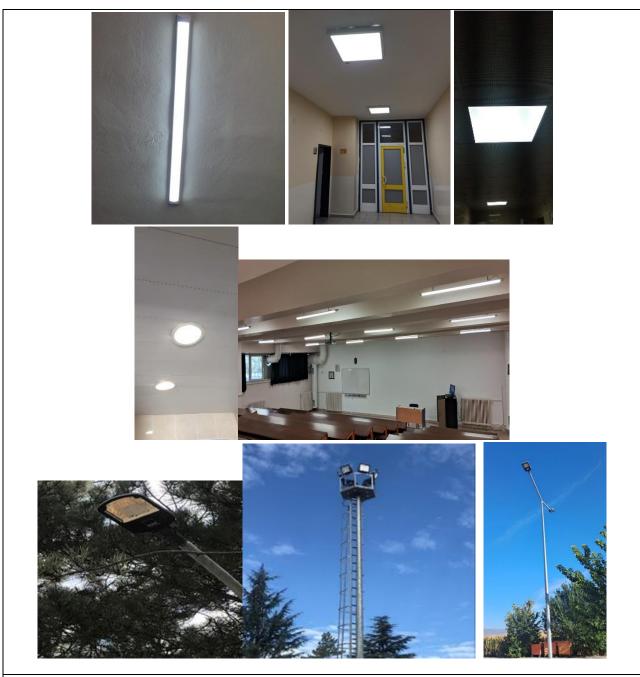


2

Energy and Climate Change (EC)

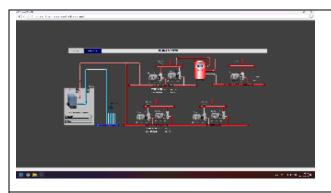


Energy Efficient Appliances Usage



Energy Efficient Appliances Usage: Use of LED lighting and lamps with light detection







Energy Efficient Appliances Usage: Timed Automation System Available in Heating and Cooling Systems



Energy Efficient Appliances Usage: Frequency Convector Pumps and Proportional Burners

Eskişehir Osmangazi University aims to provide the best energy management and energy saving. All departments of the organization evaluate their own energy consumption and can use energy saving and sustainable technology such as insulation, LED lighting in each building.



Smart Building Implementation

No.	Name	Place	automation			safety			energy		water			Indoor				lighting)		Building Area (m²)
			B1	B2	S1	S2	S3	S4	E1	E2	A1	A2	I1	12	13	14	L1	L2	L3	L4	
	ESOGU HOTEL	ESOGU Meselik Campus				х	х	х		х		x				x	х	х		х	4.835,86
	ESOGU Technology and Innovation Center Building	ESOGU Meselik Campus				x	x			x		x				x	x				4.986,15
	ESOGU Central Research Laboratory	ESOGU Meselik Campus				х	х	х		х		x				х	х	х		x	3.301,42
		Total																			13. 123, 43

– Please compile one row for each building (or homogeneous part of it) by ticking with a "X" for each requirement —

Smart building implementation

*Total Building Area: 443.300,75 m² $\frac{13.123,43m^2}{468.104,75 m^2} \times 100\% = 2.80\%$



Intelligent Fire Warning System

ESOGU HOTEL





Card System Operated Door

Automatic Door





ESOGU Technology and Innovation Center Building





ESOGU Central Research Laboratory (ARUM)



Campus	Building Name	Area Used (m ²)	Adress
Meşelik	ESOGU HOTEL	4.835,86	Büyükdere mah. Prof.Dr.Nabi Avcı Bulv. No:4/57
Meşelik	Central Research Laboratory (ARUM)	3.301,42	Büyükdere mah. Prof.Dr.Nabi Avcı Bulv. No:4/47
Meşelik	Technology and Innovation Center	4.986,15	Büyükdere mah. Prof.Dr.Nabi Avcı Bulv. Eskişehir

ESOGU SMART buildings include;



Air conditioning systems: Technological systems that regulate various functions such as heating, cooling, humidity control, ventilation and sound regulation.

Fire and escape systems: These are systems designed to detect smoke and fire in the building and automatically initiate the necessary measures.

Energy control systems: Automation systems that optimise energy management by continuously monitoring and controlling energy consumption, providing reports and notifying expenditure status.

Security and protection systems: These are systems in which a series of devices function in an integrated manner, taking into account the safety of the building and its users.

Lighting and electrical systems: Automation systems that ensure the most efficient use of all electrical systems.



Electricity Usage per Year (in Kilowatt hour)

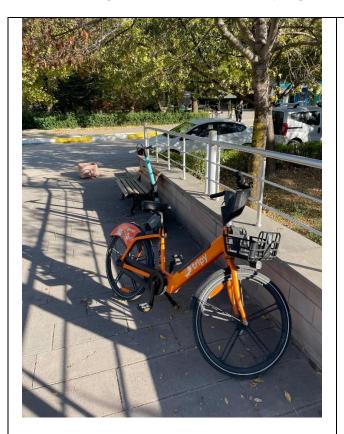
Building or group of buildings name					YEAR			Electricity Consumption (kWh)		
Eskisehir Osmangazi University (All Campuses)				2023			23.505.560,738			
Total Electrici	ty in 2023	(Eskisehii	Osma	angazi Ur	niversity,	All Car	mpus))		
2.500.000,00 —										
(대표 원왕)					1					
1.500.000,00 —										
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ర 500.000,00 —										

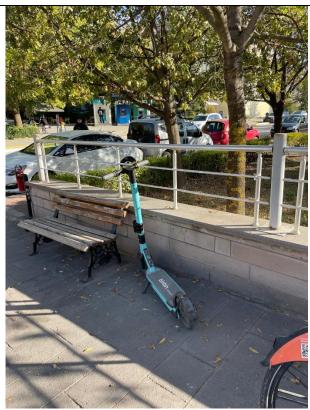
Electricity Usage (kWh) on ESOGU Meselik Campus in 2023

The total electricity usage of Eskişehir Osmangazi University in 2023 is 23,505,560.738 kWh. Electricity is used for lighting, heating and cooling, research laboratories and devices in the main and all campus areas of Eskişehir Osmangazi University.



Greenhouse gas emission reduction program





1. Electric Bike

2. Electric Scooter

ÜNİVERSİTE İZLEME VE DEĞERLENDİRME GENEL RAPORU-2024



Kişi başı doğrudan karbon ayak izinin en düşük olduğu ilk yirmi üniversite sırasıyla şekildeki gibi listelenmiştir.



3. According to the "University Monitoring and Evaluation General Report-2024" publication prepared by the Council of Higher Education of the Republic of Turkey; Eskişehir Osmangazi

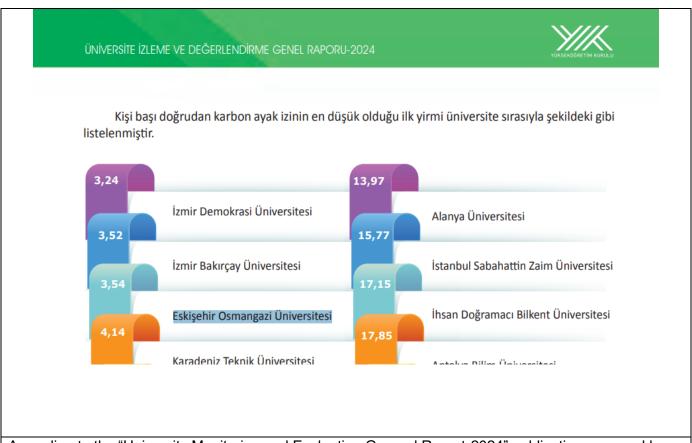


University's direct carbon footprint per capita is 3.54.

- 1. Solar Powered Electric Bike
- 2. Solar Powered Electric Scooter
- 3. According to the "University Monitoring and Evaluation General Report-2024" publication prepared by the Council of Higher Education of the Republic of Turkey; Eskişehir Osmangazi University's direct carbon footprint per capita is 3.54.



Please Provide The Total Carbon Footprint (CO₂ emission in the last 12 months, in metric tons)



According to the "University Monitoring and Evaluation General Report-2024" publication prepared by the Council of Higher Education of the Republic of Turkey; Eskişehir Osmangazi University's direct carbon footprint per capita is **3.54**.



Number of innovative program(s) in energy and climate change



Distance Education Application and Research Center

Description:

Live course management, various R&D activities and many other educational services are offered with ESUZEM, the online education program run by Eskişehir Osmangazi University. UZEMÖYS offers various assessment and evaluation options. Some of these are quizzes, surveys, homework, discussions, etc.

In the spring semester of 2020-2021, we opened 6,715 courses for 1,116 academic staff on UZEMÖYS. The number of students registered for these courses was 24,735. As a result of the distance education activities carried out during the semester, 120,660 file sharing took place, 19,072 different exams were defined. During this period, the number of page views of the UZEMÖYS learning management system reached 80 million.

https://ogu.edu.tr/

https://uzem.ogu.edu.tr/

https://www.saglisolluhaber.com/egitim/eskisehir-osmangazi-universitesi-pandemide-ne-yapti-h3699.html



Impactful university program(s) on climate change

No	Programs	Scope (international / regional / national / local / etc)	Total Participants	Photo
1	Erasmus+ KA220 Project "Digital Green" project (2022-1-TR01- KA220-SCH- 000087638)	International	4 Country (Turkey, Italy, Germany, Czech Republic) 6 partner	DIGITAL GREEN THINK GREEN A STATE OF THE PROPERTY OF THE PRO
2	Sustainable Agriculture and Permaculture	Surrounding communities	>250	Eskişehir Osmangazi Üniversifesi Ziraal Fekültesi Ziraal Fekültesi DE OS OS 2024 (C) 12 GO-13 GO
3	Greening our tomorrows	Surrounding communities	>100	



4	Sustainability; Green and Digital Transformation, Circular Economy Technology and Applications Workshop	National (Workshop)	>100	Tematik Alan: Sürdürülebilirlik; Yeşil ve Dijital Dönüşüm, Döngüsel Ekonomi Çalıştay Programı 13 01 2026 Eskişehir Osmangasi Üniversitesi Tematik Alan-Gewel: Sürdürüleklirlik; Yeşil ve Dijital Dünüşüm, Düngüsel Ekonomi Teknoli ve Uyuşluralının Çalıştışı 1 01 12024 tarininci Saarl 1300'ne ECOOL Kongre ve Kütür Merkez-Sakon 2 de gerçekleştirincekti Çalıştışı Program aşağıla doğu türü peydeşirininci deretlirik. Ver ESDOOL Kongre ve Kütür Merkez-Sakon 2 Tarin: 1 01 2024 Saar. 1 3 00 Sürdürüleklirik; Yesil ve Dilital Dünüşüm, Düngüsel Ekonomi Çalıştay Ponramı
5	Second International Digital Green Event	National (Workshop)	>250	2022-1-TROISKA22G-SCH-000097638 DIGITAL GREEN SECOND INTERNATIONAL DIGITAL GREEN EVENT ESKIŞEHIR OSMANGAZI ÜNİVERSİTESİ ÜNİVERSİTLİLER BUUSUNOR KUPANI GETİR KAVAYBA KAZAN Ter: Eskişehir Osmangazi Üniversitesi KONGOR ve Külür Merkezi Sunumlat: 67 Mayıs 2024; 9:30-14:00
6	Education for Sustainable Development	Surrounding communities	>100	Etkinliği Düzenleyen: Atık Yönetim Kulübü Başlangıç Tarihi: 18 Mart 2024 Bitiş Tarihi: 22 Mart 2024 Etkinlik Adı: "Sürdürülebilir Kalkınma İçin Eğitim" Tür: Sosyal Etkinlik-Gönüllü Yer: ESKİŞEHİR
7	Recycle	Surrounding communities	>100	Etkinliği Düzenleyen: İşletme ve Ekonomi Kulübü Başlangıç Tarihi: 28 Nisan 2024 Bitiş Tarihi: 28 Nisan 2024 Etkinlik Adı: "Geri Dönüşüm" Tür: Sosyal Sorumluluk Yer: İktisadi ve İdari Bilimler Fakültesi

ESKISEHIAP	NGAZI ON WERSITES!
	1970

			1970	
8	Meselik Campus Forest Walk	Surrounding communities	>100	Meşelik Kampüsü Orman Yürüyüşü Başlangıç Tarihi: 19 Ekim 2024 Bitiş Tarihi: 19 Ekim 2024 Etkinliği Düzenleyen: Fen Fakültesi - Zooloji Kulübü Tür: Etkinlik Yer: Meşelli Kampüs Ormanı Etkinlik Saati: 10:00
9	Podcast program "plus one and a half"	National	>500	2022-1-1801-KA220-SCH-000087439 ARTI BIR BUÇUK TREE TOBOLAST
10	Sapling Planting Event	Surrounding communities	>100	Fidan Dikimi Etkinliği Başlangıç Tarihi: 08 Mart 2024 Bitiş Tarihi: 08 Mart 2024 Etkinliği Düzenleyen: ESOGÜ Rektörlük Tür: Diğer Yer: Eğitim Fakültesi Binası Ana Giriş Etkinlik Saati: 11:00



Courses for Sustainability

	Total Courses	Sustainabilit	%	% Total
	Offered	y courses	Sustainabilit	Sustainabilit
			y courses	y Courses
Çifteler Vocational School	60	18	30,00	
Eskişehir Vocational School	133	30	22,56	19,42
Mahmudiye Horse Breeding Vocational				
School	50	11	22,00	
Health Services Vocational School	246	56	22,76	
Sivrihisar Vocational School	142	19	13,38	
Dentistry Faculty	89	5	5,62	
Education Faculty	490	165	33,67	
Science Faculty	452	55	12,17	
Law Faculty	78	5	6,41	
Economic and Administrative Sciences				
Faculty	402	121	30,10	
Theology Faculty	129	6	4,65	
Human and Social Sciences Faculty	446	15	3,36	
Engineering and Architecture Faculty	845	135	15,98	
Health Sciences Faculty	190	74	38,95	
Art and Design Faculty	142	11	7,75	
Medicine Faculty	60	5	8,33	
Tourism Faculty	138	45	32,61	
Agriculture Faculty	439	202	46,01	
Institute of Education Sciences (Masters				
+ PhD)	186	70	37,63	
Institute of Science Sciences (Masters +				
PhD)	579	62	10,71	
Institute of Health Sciences (Masters +	242	25	11.70	
PhD)	212	25	11,79	
Institute of Social Sciences (Masters + PhD)	671	65	9,69	
1 110)	0/1		5,05	
TOTAL	6179	1200		



3

Waste (WS)



3R (Reduce, Reuse and Recycle) Program for University Waste



T.C. ESKİŞEHİR VALİLİĞİ Çevre ve Şehircilik İl Müdürlüğü



Belge No: TS/26/B2/6/7

SIFIR ATIK BELGESİ

Tarih: 04/06/2020

(Temel Seviye)

Adı : ESKİŞEHİR OSMANGAZİ ÜNİVERSİTESİ REKTÖRLÜĞÜ

 $\mathbf{Adresi} \quad : \mathbf{ESKI} \mathbf{\ddot{S}EHIR}, \mathbf{B} \ddot{\mathbf{U}} \mathbf{Y} \ddot{\mathbf{U}} \mathbf{KDERE} \ \mathbf{MAHALLESI} \ \mathbf{GENÇLIK} \ \mathbf{BULVARI} \ \mathbf{NO.4}, \mathbf{ODUNPAZARI}, \mathbf{T} \ddot{\mathbf{U}} \mathbf{RKIYE}$

Vergi No: 3800538239

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.

e-imzalıdır
Hikmet ÇELİK
Çevre ve Şehircilik İl
Müdürü

Belge Son Geçerlilik Tarihi: 04/06/2025

ot: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.

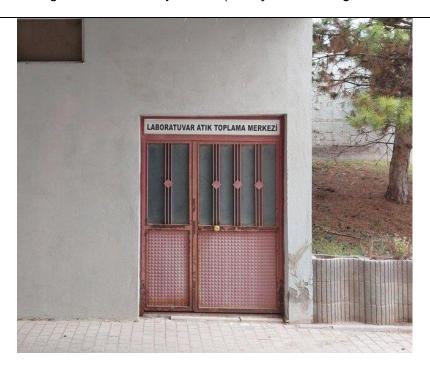
ESOGU has ZERO WASTE certificate from Governorship of Eskişehir



Example of 3R Program for University Waste (Eskişehir Osmangazi University, Türkiye)



Example of 3R Program for University Waste (Eskişehir Osmangazi University, Türkiye)

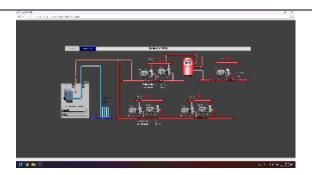


Example of 3R Program for University Waste (Eskişehir Osmangazi University, Türkiye)





Example of 3R Program for University Waste (Eskişehir Osmangazi University, Türkiye)



Heating and cooling settings are made automatically according to the outside air temperature with sensors (Tourism Faculty) (Eskişehir Osmangazi University, Türkiye)



Program to Reduce the Use of Paper and Plastic on Campus





Example of Program to Reduce the Use of Paper and Plastic in Campus (Eskişehir Osmangazi University, Türkiye)

There are paper, glass and plastic recycling bins in our university. The wastes accumulated in these boxes are then discharged to the Recycling Waste Temporary Storage Area in the garden of our University. Recycling Waste Temporary Storage Area is regularly collected by the Municipality. In this way, by contributing to recycling, we can both protect our natural resources and protect our limited natural resources by using the recyclable wastes we already have instead of producing new ones, save energy, make less space for less waste, and thus contribute to our economy. We will also leave resources that can be used by the generations that will come after us.

Quadruple recycling bin numbers :44
Binary recycle bin numbers :19
Single recycle bin numbers :347

Newly purchased binary recycle bin numbers :126

Total number of recycle bins:813



Total volume organic waste produced

Type of organic waste	Total Produced (ton)
- household waste from hospital	368.2
- household waste from other campus	36.3
TOTAL	404.5
organic waste per capita per year	11.5 kg

Total volume organic waste treated

	amuount (ton)						
Type of waste	total reduced reused down-cycled up-cycled						
organic	404.5	-	-	-	-		

All organic waste belonging to ESOGU is collected by Eskişehir Odunpazarı Municipality and taken to the waste sorting centre. All garbage is recycled to nature with municipal facilities. The wastes of our university contribute to the production of methane gas in the municipal methane gas plant.

Organic Waste Treatment



All organic waste belonging to ESOGU is collected by Eskişehir Odunpazarı Municipality and taken to the waste sorting centre. All garbage is recycled to nature with municipal facilities. The wastes of our university contribute to the production of methane gas in the municipal methane gas plant.



Total volume inorganic waste produced

Type of inorganic waste	Total Produced (ton)
- chemical waste	8,04100
- medical waste	298,062

Total volume inorganic waste treated

	amuount (ton)						
Type of waste	total	reduced	reused	down-cycled	up-cycled		
inorganic non- toxic	306,103	%10	0	0	0		
- chemical waste	8,04100	%10	0	0	0		
- medical waste	298,062	%10	0	0	0		

Total volume toxic waste produced

Type of toxic waste	Total Produced (ton)
- electronics	11,2
- lab. Chemicals	8,04100









Example of Inorganic Waste Treatment (Eskişehir Osmangazi University, Turkey)

Chemical, toxics and electronic waste is disposed of by a private company after detailed label (Separatly organic, inorganic, acidic etc.)



Sewage Disposal



ESOGU filters the waste oil with special interceptors and then discharges the waste to the sewerage system. Eskişehir Metropolitan Municipality carries out the final treatment and disposes of it.



4

Water (WR)



Our Strategy;

- a) Water Efficiency and Conservation of Natural Resources Management / Policies
- 1. The efficiency and potential of the existing natural resources in the campus area will be determined through necessary analyses and measurements.
- 2. Studies on the water needs and resources of the campus will be carried out.
- 3. It will be ensured that suitable areas for rain harvesting will be determined and sample applications will be carried out.
- 4. Data on water use will be collected and usage statistics will be prepared.
- 5. Necessary studies and feasibility studies will be carried out to reduce the amount of water consumption per capita, and necessary arrangements will be made in line with the decisions to be made as a result of the studies and feasibility studies.
- 6. Necessary surveys and feasibility studies will be carried out to reduce the amount of vegetable water consumption per square metre, and necessary works will be initiated in line with the decisions to be made as a result of the surveys and feasibility studies.
- 7. Identification and repair of leaks in order to reduce water loss in line with the principle of sustainability.
- 8. Studies will be carried out to develop institutional co-operation and initiate scientific research projects for the purpose of developing regional water resources.
- 9. Necessary survey and feasibility studies will be carried out for the establishment of a monitoring system to monitor the pollution that may occur in regional water resources around international standards, and necessary studies will be initiated in line with the decisions to be made as a result of the survey and feasibility studies.
- 10. Providing on-campus and regional awareness raising for water saving. For this purpose, training and seminar programmes will be prepared and implemented with the active participation of student communities.
- 11. Activities for raising regional awareness will be organised in cooperation with relevant institutions and organisations.



Water Conservation Program Implementation





Automatic irrigation and drip systems





Groundwater well pumps and storage

In our university, groundwater is stored in 1 unit of 1000 m³ and 2 units of 500 m³ tanks with the help of well pumps and then water is supplied to university units and irrigation areas from these tanks. By monitoring the well pumps and tank levels with the automation system between the tanks and wells in question, situations such as water overflowing etc. are detected immediately and resolved urgently. In addition, there are water tanks and fire tanks under some buildings. All systems are regularly maintained and monitored. Water-saving batteries and siphons are used inside the buildings. In addition, automatic irrigation and drip systems are largely used in irrigation systems.



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









Water Efficient Appliances Usage Sensor Batteries and Automatic Irrigation And Drip Systems















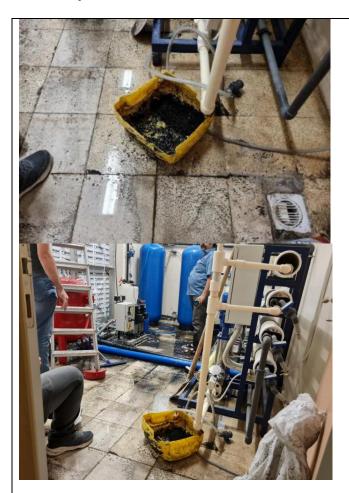
Use of energy-saving devices and water purification systems

Automatic irrigation systems are used in 70% of the campus. Automatic irrigation systems and drip irrigation systems are preferred in energy-saving devices, and sensor taps are frequently used to prevent wasting of utility water in the building. In addition, sensor urinals are preferred in toilets. A double-button flush system suitable for little or much use is used in the cistern of Western-style toilets.

Appliance	Total Number	Total number water Efficient appliances	Percentage
Toilet	3000<	1500 <	50%
Wastafel	3000<	1000 <	33 %
	6000 <	Average Percentage	42%



Consumption of treated water





Water Treatment and Softening Systems

Some of the water used in the university is used as purified water. Although this rate is low, it is planned to be increased in the coming years. Softening and purification systems are largely located under the buildings, and their periodic maintenance is carried out and measured regularly. In addition, some units have home-type purification systems. The ratio of purified water taken from the water purification system in the buildings of our university to all water sources (e.g. rainwater tank, groundwater, surface water, etc.) is approximately 10%.

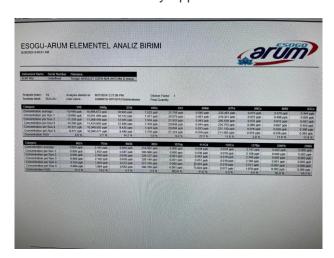


Water pollution control in campus area





Center Research Laboratory Application and Research Center,



Analyses results of water in ESOGU (Agust 2024)

<u>Center Research Laboratory Application and Research Center regularly carries out water analyses.</u>



5 Transportation



The total number of vehicles (cars and motorcycles) divided by total campus' population

No.	Vehicle	Total Number
1	Car managed by the university	53
2	Cars entering the university	7964
3	Motorcycles entering the university	606
	Total	8623

8623/35548 = 0.24

Inner-Campus Transportation

A ring service is provided to our students and staff to provide easy access to their faculties within the Meşelik Campus of the University. The ring service of which boarding point is the entrance door of Faculty of Medicine offers easy access to the entire campus.

Shuttle Services







Example of Ring Shuttle Services - Ring service time table

(Eskişehir Osmangazi University, Turkey)

Eskişehir Osmangazi University's Meşelik campus offers shuttle services for reaching distant areas. The schedules for these services are also provided.



Zero Emission Vehicles (ZEV) Policy on Campus









Eskişehir Osmangazi University's facilities are suitable for both pedestrian and bicycle use. There are many car-free paths for these users. Different bicycle parking areas have been designed at all facilities. The university provides free bicycles to students.



Ratio of Parking Area to Total Campus Area

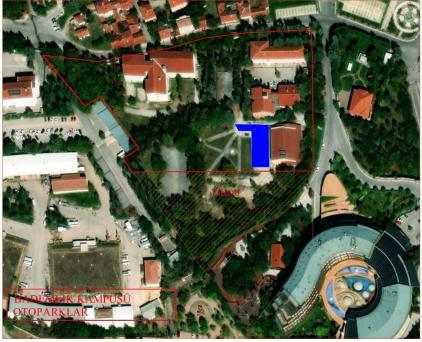


Example of Ratio of Meşelik Parking Area to Total Meşelik Campus Area (Eskişehir Osmangazi University, Turkey)



Example of Ratio of Ankıraç Parking Area to Total Ankıraç Campus Area (Eskişehir Osmangazi University, Turkey)





Example of Ratio of Bademlik Parking Area to Total Bademlik Campus Area (Eskişehir Osmangazi University, Turkey)



Example of Ratio of Çamlık Parking Area to Total Çamlık Campus Area (Eskişehir Osmangazi University, Turkey)





Example of Ratio of Çifteler Parking Area to Total Çifteler Campus Area (Eskişehir Osmangazi University, Turkey)



Example of Ratio of Mahmudiye Parking Area to Total Mahmudiye Campus Area (Eskişehir Osmangazi University, Turkey)





Example of Ratio of Organize Parking Area to Total Organize Campus Area (Eskişehir Osmangazi University, Turkey)



Example of Ratio of Sivrihisar Parking Area to Total Sivrihisar Campus Area (Eskişehir Osmangazi University, Turkey)



Eskişehir Osmangazi University continues its educational activities in five campus consist of Meşelik, Bademlik, Ali Numan Kıraç, Eskişehir Organized Industrial Zone Campus, in the center of Eskisehir and in the districts named Sivrihisar, Mahmudiye and Çifteler.

Parking areas have been restricted on Eskişehir Osmangazi University's campuses to reduce the use of private vehicles. This is an initiative aimed at decreasing the number of private vehicles and, in turn, reducing carbon dioxide emissions.

Total main campus area: 2.624.264 m²

Total parking area = 99.140 m^2 .

Ratio = 3,78

	Campus	All area (m²)	Parking area (m²)	%
1	MEŞELİK CAMPUS	1.350.750	88.799	6,57
2	ALİ NUMAN KIRAÇ CAMPUS	113.904	4.285	3,76
4	BADEMLİK CAMPUS	23.864	783	3,28
5	ÇAMLIK CAMPUS	14.262	561	3,93
6	ORGANİZE CAMPUS	19.736	2.399	12,15
7	MAHMUDİYE CAMPUS	94.475	422	0,45
8	ÇİFTELER CAMPUS	6.200	828	13,36
9	SIVRIHISAR CAMPUS	31.798	1.064	3,35

TOTAL 2.624.264 **99.140 3,78**



Program to limit or decrease the parking area on campus for the last 2 years (from 2021 to 2024)





Free Bicycle for rent (Eskişehir Osmangazi University, Turkey)



Campus Bus (Eskişehir Osmangazi University, Turkey)





Security Point control the cars to entry.

Eskişehir Osmangazi University's campus shuttle services are designed to reduce the use of private vehicles by students. Utilizing these services provides access to distant points within the campus. Bicycles and scooters are also common on campus. There are bicycle paths that allow the use of such vehicles. The parking capacity for private vehicles in the parking lots is limited. Our goal is to reduce CO₂ emissions within the campus.

- 1. The bicycle roads have been increased by ESOGU
- 2. The bicycle parking areas have been icreased by ESOGU
- 3. Only staff and students are allowed to in campus area with cars. Guest must use parking area outside of campus.
- 4. Students can be rent e-bike, e-scotter in campus.
- 5. Walking roads have been incresed by ESOGU.



Number of Transportation Initiatives to Decrease Private Vehicles on Campus



- 1. There are shuttle services available for students within the campus. In addition, free bicycles have been provided for students. Along with bicycles, the use of scooters is also common on campus.
- 2. All staffs and student must be use special card (Access Control and Security System) in campus area. Without cards, they must use parking area outside of campus.





Examples of Access Control and Security System cards



Number of Transportation Initiatives to Decrease Private Vehicles on Campus









Campus Bus (Eskişehir Osmangazi University, Turkey)

Free Bicycle for rent (Eskişehir Osmangazi University, Turkey)

- Shuttle/bus campus inside campus Free to rent bicycle on campus
- 2.



Pedestrian Path Policy on Campus





Example of pedestrian path (Eskişehir Osmangazi University, Turkey)





Example of pedestrian path (Eskişehir Osmangazi University, Turkey)







162.479

Example of pedestrian path having physical disabilities (Eskişehir Osmangazi University, Turkey)

The campus features sidewalks and trees that separate pedestrian and vehicle pathways. There is also a separate path for scooters and bicycles. The sidewalks include warning strips and ramps for individuals with disabilities.

	CAMPUS	All Area (m²)	Pedestrian path (m²)
1	MEŞELİK CAMPUS	1.350.750	155.874
2	ALİ NUMAN KIRAÇ CAMPUS	113.904	2.958
4	BADEMLİK CAMPUS	23.864	1.108
5	ÇAMLIK CAMPUS	14.262	704
6	ORGANİZE CAMPUS	19.736	787
7	MAHMUDİYE CAMPUS	94.475	261
9	SİVRİHİSAR CAMPUS	31.798	787

TOPLAM 2.624.264



6

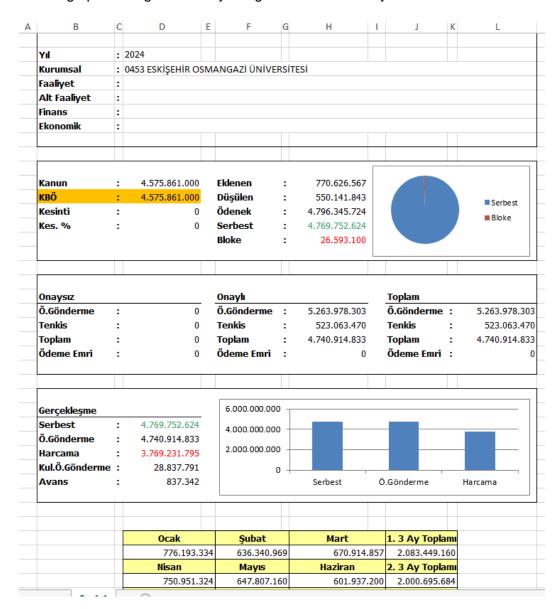
Education and Research (ED)



University budget for sustainability effort (in US Dollars)

	2018	2019	2020	Average
Budget Total	\$ 500000	\$ 540000	\$ 450000	\$ 496666
Sustainability Budget	\$ 130000	\$ 170000	\$ 150000	\$ 150000
			Percentage	30 %

The average percentage university budget for our university is 30%





Number of Courses/Subjects Related to Sustainability Offered

		Ħ	CONSTRUCTION TECHNOLOGY DEPAR	TMENT	iş etiği BİLGİ VE İLETİŞİM TEKNOLOJİSİ YAPI MİMARİSİ VE DETAY ÇİZİMLERİ İŞ SAĞLIĞI VE GÜVENLİĞİ
		OCATION/	MACHINE DEPARTMENT		İŞ ETİĞİ KALİTE YÖNETİM SİSTEMİ İŞ ETİĞİ İŞ SAĞLIĞI VE GÜVENLİĞİ KALİTE KONTROL
		styrdhisar vocational school	ACCOUNTING AND TAX DEPARTMENT		CENEL MUHASEBE GENEL İŞLETİME BÜRO YONETİMİ VE İLETİŞİM MİKRO EKONOMİ İŞLETINE YONETİMİ GİRİŞİMCİLİK İŞ ETİĞİ İŞ VE SOYYAL GÖVENLİK HUKUKU
		ATIONAL SCHOOL	MEDICAL DOCUMENTATION AND SECRETARIAL TRAINING		IŞLETINECİLME GİRİŞ MENELELİ ETİK İLXYARDİM SAĞLIK BİRĞİ SİSTEMLERİ PROTOKOL BİLGİSİ SAĞLIK BİRĞİLİR VE PERFORMANS YÖN SAĞLIK HİZMETLENİ YONETİMİ SAĞLIK HİZMETLERİNDE YIPNLİK VE GİRŞ HALKLA BİŞKİLER İŞ SAĞLIĞİ VE GÖVENLİĞİ
		ÇİFTELER VOC	AGED CARE PROGRAM		YAŞLI LE İLETŞIM MƏSLERİ ETİK İLK YARDIM HALK SAĞLIĞİ SAĞLIK YÖNETİĞİ YAŞLIDA BEŞLENDE FÜZİSEL BEHABİLİTASYON SAĞLIK SOSYOLOSISİ
	EKOLOZÍ CEVER VR HALK SAGLIGÍ	MAHMUDİYE VOCATİONAL SCHOOL	HORSE BREEDING AND COACHING PR	OGRAM	SPORDA PSIKOSOS YAL ALANLAR MESLER SAĞLIĞI VE EKYARDIM HARKERT VE ARTERMAN BİLDLERİ TOPLUNSAL DUYARLILIK SPOR VE SAĞLIĞI BİLDLERİ SPOR YONETİMİ SPORDA ÖĞERME VE ÖĞRETME ATLI TERAPİ UYGÜLAMALARI-İ KİŞİSE, GELİSİN VE DAVRANIŞ ATLI TERAPİ UYGÜLAMALARI-İ ATLI ERAPİ UYGÜLAMALARI-İ ATLI ERAPİ UYGÜLAMALARI-İ ATLI ERAPİ UYGÜLAMALARI-İ ATLI ERAPİ UYGÜLAMALARI-İ ATLI ERAPİ UYGÜLAMALARI-İ ATÇILİR İŞLETME HÜLÜKÜLÜ
ENTRONMENTAL PROTECTION AND CONTROL PROGRAM	KATI ATIK YONETİMİ YENLÜLENEMİL ENERJİ KAYNAKLARI ÇEVRESEL ETKİ DEĞERLENDİRME SU KALİTESİ VE KONTROLÜ TOPRAK KİRLİĞİ VE KONTROLÜ KORUMA BİYOLOJİSİ HAVA KİRLİ İLİĞİ VE KONTROLÜ			AVRUPA İŞ HUKUKU EKONOMİK SUÇLAR EKONOMİNİN TEME: ELEKTRONİK TİCAR KİŞİSEL VERİLERİN İ TÜKETİCİ SÖZLEŞME YOLSUZLUKLA MÜX AHLAK VE ŞAHSİYE DİNSEL GELİSİMKU	ETIE FIKRI VE SINAI HAKLAR KORUNAISH INKUKU LERI HUKUKU LERI HUKUKU II EĞITIM
	CEVER LABORATUVARI I CEVER MEKROBIYOLOMSI IŞ ETIĞI CEVER TEKNOLOMLERİ CEVER HUKURU CEVER HUKURU CEVER HUKURU CEVER HUKURU		GASTRONOMY AND CULINARY ARTS (MSc)	BESLENME VE DİYE GASTRONOMİ SEKTÜ GASTRONOMİ SEKTÜ GASTRONOMİ TÜRİZ	T ČRŮNDE PAZARLAMA STRATEIÍI ČRŮNDE PROJE GELIŞTÍRME MI
MACHINERY PROGRAM	SU KRILLÍGÍ VE KONTROLÖ MALZEME TENOLÓJÍSÍ GENEL VE TEKNÍK ÍLETÍSÍM KALÍTE KONTROL KALÍTE KOVENCE VE STANDARTLARI ENERJÍ VERÍM ÍLÍGÍ ÍS SAĞÍ GÍÐ VE GTUVEN ÍĞÍ	CIENCES	ECONOMICS (MS4)	KALILE YONETIM SOSYAL BILIMLERDE ARAŞTIRMA YÖNTEMLERİ VE ÇALIŞMA EKONOMİSİ EKONOMİDE GÜNCEL KONUL AR EKONOMİDE GÜNCEL KONUL AR EKONOMÜNE GÜNCEL KONUL AR	
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			· ·	AFET VE KRÍZ VÖNES	TÍMÍ POLÍTÍK
			TOURISM MANAGEMENT (MS4)	TURİZMİŞLETMELER TURİZM SEKTÖRÜND TURİZM SEKTÖRÜND	RINDE MODERN YÖNETİM TEKN RINDE ÖRGÜTSEL DAVRANIŞ DE GÖNCEL SORUNLAR DE PROIG GELIŞTİMBE S'ÜRDÜRÜLEBILİRLİK SARBÜM
	MACHINERY PROGRAM	CEVER VE HALK SAGLIGH TÜRETIN FORLÜM VE ÇEVER TÜRETIN FORLÜM VE ÇEVER KAPTA TARK YORETMİ YENLENBERİLE BERBI KAPVAKLARI CEVESSEL EYLÜ DEĞERLENDENGE SE KALTERE VE KONTROLO KORKANA BİYOLONİN CONTROL PROGRAM MACHINERY PROGRAM MACHINERY PROGRAM MACHINERY PROGRAM MACHINERY PROGRAM MACHINERY PROGRAM MACHINERY PROGRAM MACHINERY PROGRAM MACHINERY PROGRAM MECHATRONICS PROGRAM VENDLESSERIEL SENSIT	DEACAGE CONTROL PROGRAM CONTROL PROGRAM ENVIRONMENTAL PROTECTION AND ENVIRONMENTAL PROTECTIO	IEGOLOFI CENER VEHALE SAGLIGE CENER VEHALE SAGLIGE CENER VEHALE SAGLIGE TOMETHY RODULATURE II VENELIZABILER DESIGNATION OF THE CONTROLOR CENERS. ENT DEGRETALINGS. SU KALITSE VE KONTROLO SUN KALITSE VE KONTROLO RALIT VE CENER SONTROLOR RALIT VE CENER SONTROLOR GENERAL VE CENER SONTROLOR RALIT VE CENER SONTROLOR SI TEME CENER MERCONORISE CENERAL MERCONORISE CE	HORSE BREEDING AND COACHING PROGRAM COVER VS HALK SAGLED



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FACULTY OF THEOLOGY	DEPARTMENT OF THEOLOGY	OGRETIM ILKE VE YÖNTEMLERI ÖL ÇAE VE BEĞERLENDIRAJE ÖZEL ÖĞRETİM YÖNTEMLERI ÇEVRE VE DİN BĞİTİM PƏİKOLOİSİ			
ART	DEPARTMENT OF VISUAL COMMUNICATION DESIGN	GÖRSEL İLETİŞİM SURDÜRÜLEBİLİR TASARIM POPÜLER KÜLTÜR SOSYAL SORUMLULUK TASARIMI	-		
FACULIY OF AKT AND DESIGN	DEPARTMENT OF INDUSTRIAL DESIGN	MALZEME VE ÜRETİM TEKNİKLERİ I TASARIM TARİHİ VE KÜLTÜRÜ I İŞ SAĞLIĞI VE GÜVENLIĞİ TEMELLERİ MALZEME VE ÜRETİM TEKNİKLERİ II			
FA	DEPARTMENT OF VISUAL ARTS	ÇİÇEK TASARIMI ÇEVRE VE SÜRDÜRÜLEBİLİRLİK DİİTAL SANAT			
FACULIY OF MEDICINE	FACULTY OF MEDICINE	KIŞISEL GELIŞIM VE İLETIŞIM BECERİLERI KORUYUCU HEKİMLİK SAĞLİĞIN KENONMİK BOYUTU SAĞLİK TURİZMİ SPOR FİZYOLOJİSİ			
	HORTICULTURE (MSc)	BAHÇE BİTKİLERİNDE TOPRAKSIZ TARIM TEKNİKLE BAHÇE BİTKİLERİNDE KOLOJİK, BİY VE FİZY ESASI KURSESL İKLI DEĞIŞİKLİĞINDI BAHÇE BİTK YETİ ÇETÜ ALTI ÜZÜNSUMEVYE YETİŞTIRICLIĞI MEYVE FİDAN İKERİİMDE VENI GELİŞMELER	ITUTE OF TIONONAL ENCES	CURRICULUM AND INSTRUCTION (PhD)	ÖĞRENME VE ÖĞRETME TEORÜLER! IDÜL ÖĞRETİM VE PROGRAMINDA GÜNCEL SORUNL. SĞİTİMDE ARAŞİRINA YÖNTEMLER! ÖĞREN'I MERKELI EĞİTİM ÖĞRETİMN BERVELLEŞİRILMESINDE YAKLAŞIM
	PLANT PROTECTION (MSc)	BÖCEKLERİN POPULASYON EKOLOİİSİ ÇEVRE KİRLİLİĞİNDE BİTKİLERİN KULLANIMI DOĞADAKİ BİYOLOİK ÇALIŞMA YÖNTEMLERİ		EDUCATIONAL ADMINISTRATI	EDUCATIONAL ADMINISTRATION (PhD)
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The sustainability courses of Eskişehir Osmangazi University are shown in the table. Sustainability courses are available in every faculty of the university.

The total number of courses that include sustainability is 1200: 2023–2024



Total Number of Courses/Subjects Offered

	Açılan Toplam Ders	Sürdürülebirlik dersleri	% Sürürülebilirlik dersleri
Çifteler Meslek Yüksekokulu	60	18	30,00
Eskişehir Meslek Yüksekokulu	133	30	22,56
Mahmudiye Atçılık Meslek Yüksekokulu	50	11	22,00
Sağlık Hizmetleri Meslek Yüksekokulu	246	56	22,76
Sivrihisar Meslek Yüksekokulu	142	19	13,38
Diş Hekimliği Fakültesi	89	5	5,62
Eğitim Fakültesi	490	165	33,67
Fen Fakültesi	452	55	12,17
Hukuk Fakültesi	78	5	6,41
İktisadi ve İdari Bilimler Fakültesi	402	121	30,10
İlahiyat Fakültesi	129	6	4,65
İnsan ve Toplum Bilimleri Fakültesi	446	15	3,36
Mühendislik Mimarlık Fakültesi	845	135	15,98
Sağlık Bilimleri Fakültesi	190	74	38,95
Sanat ve Tasarım Fakültesi	142	11	7,75
Tıp Fakültesi	60	5	8,33
Turizm Fakültesi	138	45	32,61
Ziraat Fakültesi	439	202	46,01
Eğitim Bilimleri Enstitüsü (Yüksek Lisans + Doktora)	186	70	37,63
Fen Bilimleri Enstitüsü (Yüksek Lisans + Doktora)	579	62	10,71



Sağlık Bilimleri Enstitüsü	212	25	11,79
(Yüksek Lisans + Doktora)			
Sosyal Bilimler Enstitüsü	671	65	9,69
(Yüksek Lisans + Doktora)			
	TOTAL:	6180	1200

ESOGU designed all course contents as ECTS in 2024. Each department and

faculty proposed new courses on sustainability. These courses will be used for education in the following years.

The same courses are available at Eskişehir Osmangazi University before the year 2024

Total number of courses offered in 2024 = 1200 courses

% Total Sustainability Lessons= %19,42



Total Research Funds Dedicated to Sustainability Research (in US Dollars)

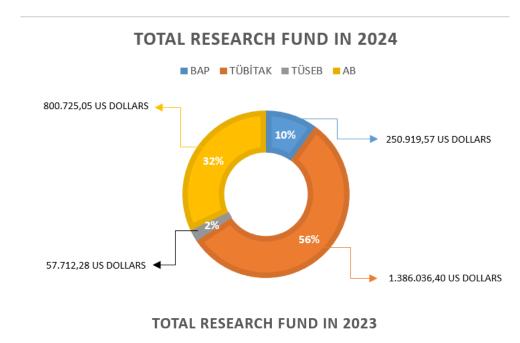


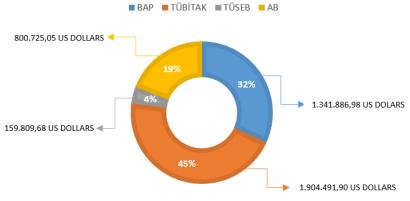
Description:

Total research fund in 2023 = 4.206.913,63 US Dollars Total research fund in 2024 = 2.495.393 US Dollars (first 6 months) The averaged annum last 2 years of research fund = 6.702.306 US Dollars



Total Research Funds (in US Dollars)

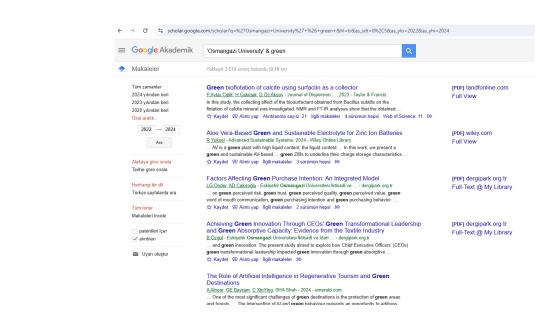




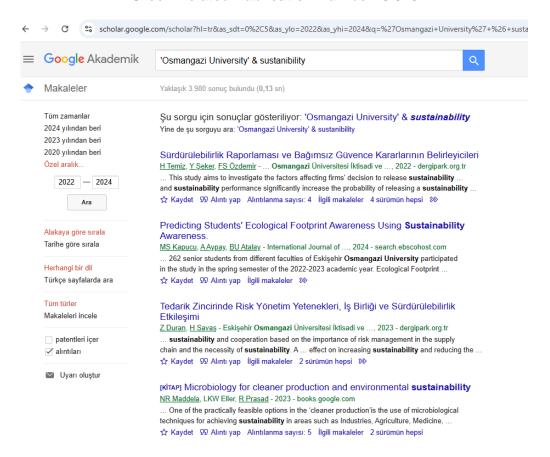
Total research fund in 2023 = 4.206.913,63 US Dollars Total research fund in 2024 = 2.495.393 US Dollars (first 6 months) The averaged annum last 2 years of research fund = 3.351.153 US Dollars



Number of scholarly publications on sustainability

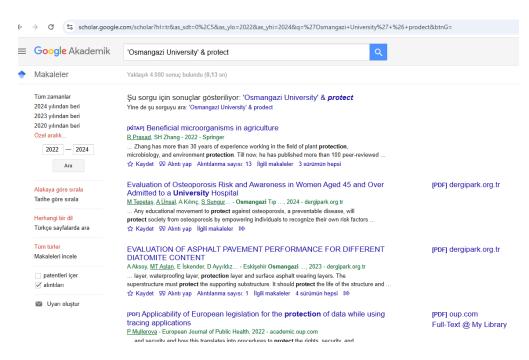


Green Related Publication Number: 3.510

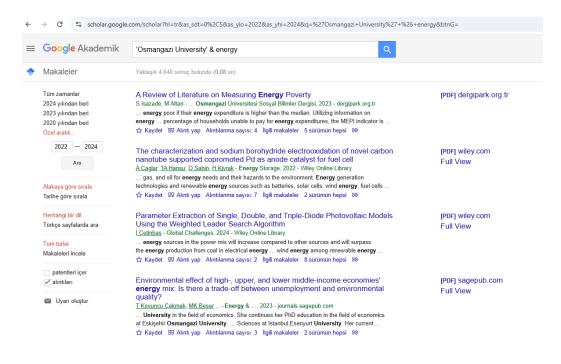


Sustanibility Related Publication Number: 3.980



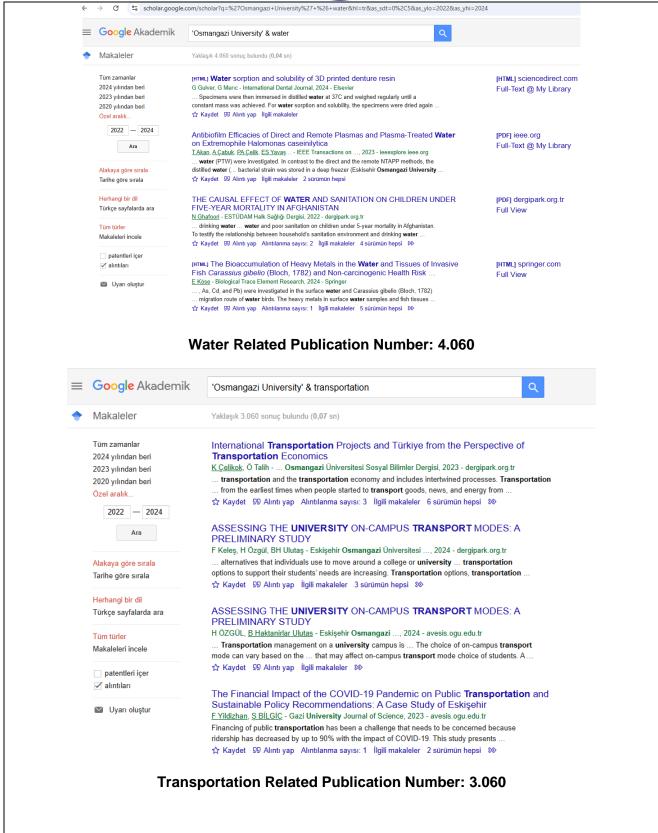


Protect Related Publication Number: 4.080



Energy Related Publication Number: 4.840







A total average per annum over the last 3 years of 3510 publications

Example of events **scholarly publications on Sustanibility** in the academic year 2022-2024. A total average per annum over the last 3 years of **3.980publications**

Example of events **scholarly publications on Protect** in the academic year 2022-2024. A total average per annum over the last 3 years of **4080 publications**

Example of events **scholarly publications on Energy** in the academic year 2022-2024. A total average per annum over the last 3 years of **4840 publications**

Example of events **scholarly publications on Water** in the academic year 2022-2024. A total average per annum over the last 3 years of **4060 publications**

Example of events **scholarly publications on Transportation** in the academic year 2022-2024. A total average per annum over the last 3 years of **3060 publications**

TOTAL: 23 530 (2022-2023-2024)

 $https://scholar.google.com/scholar?q=\%27Osmangazi+University\%27+\%26+green+\&hl=tr\&as_sdt=0\%2C5\&as_ylo=2022\&as_yhi=2024$

https://scholar.google.com/scholar?hl=tr&as_sdt=0%2C5&as_ylo=2022&as_yhi=2024&q=%27Osmangazi+University%27+%26+sustanibility&btnG=

https://scholar.google.com/scholar?hl=tr&as_sdt=0%2C5&as_ylo=2022&as_yhi=2024&q=%27Osmangazi+University%27+%26+prodect&btnG=

https://scholar.google.com/scholar?q=%27Osmangazi+University%27+%26+water&hl=tr&as_sdt=0% 2C5&as vlo=2022&as vhi=2024

https://scholar.google.com/scholar?hl=tr&as_sdt=0%2C5&as_ylo=2022&as_yhi=2024&q=%27Osmangazi+University%27+%26+energy&btnG=

https://scholar.google.com/scholar?hl=tr&as_sdt=0%2C5&as_ylo=2022&as_yhi=2024&q=%27Osmangazi+University%27+%26+transportation&btnG=https://avesis.ogu.edu.tr/sustainability























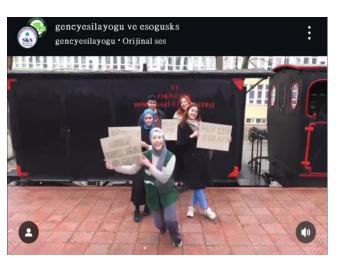
Sa<mark>ha</mark> Etkinliği; 30 Aralık 13.00 Kılıçarslan İlkokulu

Çocuk Hakları Eğitimi; 27 Aralık 12.30 Doç.Dr. Meltem DINLEYICI Çocuk Servisi 3.kat Seminer Salonu











2023 YILI ESKİŞEHİR OSMANGAZİ ÜNİVERSİTESİ SAĞLIK, KÜLTÜR VE SPOR DAİRE BAŞKANLIĞI İLE ÖĞRENCİ KULÜPLERİ TARAFINDAN GERÇEKLEŞTİRİLEN SOSYAL SORUMLULUK VE TOPLUMSAL KATKI PROJELERİNIN LİSTESİ







			1970	
	TARİH	KULÜP ADI	ETKİNLİK	YER
1	6.01.2023	Endüstri Mühendisliği Öğrenci Topluluğu	Kaliteli Endüstri Mühendisliği Günleri (KAL-EM)	Prof. Dr. Fazıl Tekin Konferans Salonu
2	12.01.2023	İnovasyon Kulübü	Çorba İkramı	Esogü Kütüphane
3	24.01.2023	Türk Uluslararası Tıp Öğrencileri Birliği Kulübü	HPV Aşısı ve Farkındalık	Google Meets Platformu
4	14.02.2023	Gastronomi Kulübü	Depremzedeler İçin Gıda Üretimi	Şht.Mahmut Açıl Cd. 25, Sarımazı, 31350 Belen/Hatay
5	31.03.2023	Hukuk ve Toplum Kulübü	Uzay Hukukuna Giriş	Toplantı
6	7.04.2023	Öncü Gençler Kulübü	İftar Programı	Erdoğan ŞAHİN Gençlik Merkezi
7	17.05.2023	Eleştirel Düşünme Kulübü	Mısır Medeniyeti Eğitim Sisteminde Amon Okulu	İlahiyat Fakültesi Amfisi
8	23.05.2023	Hukuk ve Toplum Kulübü	Konut ve Çatılı İş Yeri Kiralarında Kira Tespit ve Uygulama Davaları	Zoom Platformu
9	10.07.2023	Mavera Teknoloji Takımı Kulübü	Zorlu Enerji Üniversiteler Buluşması	Prof. Dr. Suat MİRZA Konferans Salonu
10	31.10.2023	Diş Hekimliği Öğrencileri Yardımlaşma ve Araştırma	Kariyer Günleri-7	Roof Garden Hotel/Yazılıkaya Salonu
	01.10.2020	Kulübü	ranyor Ganion /	Tool Galder Flote, Fazilikaya Galoria
11	6.11.2023	Uluslararası İlişkiler Kulübü	Kariyer Deneyim Buluşması	Prof. Dr. Fazıl Tekin Konferans Salonu
12	7.11.2023	Türk Uluslararası Tıp Öğrencileri Birliği Kulübü	Oyuncak Ayı Hastanesi	Eskişehir Osmangazi Üniversitesi/Sağlık, Uygulama ve Araştırma Hastanesi Çocuk Onkoloji Servisi
13	15.11.2023	Türk Uluslararası Öğrencileri Birliği Kulübü	Meme ve Prostat Kanseri Farkındalığı Eğitimi	Prof. Dr. Hasan ÇOLAK Amfisi (2. sınıf amfisi)
14	15.11.2023	Atık Yönetimi Kulübü	Atıkların Yönetimi	Turizm Fakültesi Konferans Salonu
15	18.11.2023	Türk Uluslararası Öğrencileri Birliği Kulübü	Meme ve Prostat Kanseri Farkındalığı Saha	Espark AVM
			Etkinliği	
16	20.11.2023	Tıpta Açık Düşünce Kulübü	Akciğer Kanseri Farkındalık Etkinliği	Esogü Hastane Poliklinik Girişi
17	23.11.2023	İletişim Kulübü	Çorba İkramı	İlahiyat Fakültesi-Kütüpane
18	30.11.2023	Diplomasi ve Model Birleşmiş Milletler Kulübü	Kadına Yönelik Şiddeti Önelemek İçin Yatırım Yap	Prof. Dr. Fazıl Tekin Konferans Salonu
19	4.12.2023	Toplumsal Farkındalık Kulübü	Farkında Ol, Fark Yatar	ESOGÜ Kongre Kültür Merkezi
20	4-5.12.2023	İnşaat Kulübü	Sosyal Sorumluluk	Üniversitemiz besleme alanı hurdalık mevkisine hazırlanan köpek kulübelerin yerleştirilmesi
21	5.12.2023	Türk Uluslararası Tıp Öğrenci Birliği Kulübü	Kadına Yönelik Şiddete Karşı Mücadele Eğitimi	Prof. Dr. Tülay SARIÇAM Amfisi
22	8.12.2023	Diplomasi ve Model Birleşmiş Milletler Kulübü	İklim Krizi ve Toplumsal Cinsiyete Dayalı Şiddeti	Yabancı Diller Yüksekokulu Konferans Salonu
23	10.12.2023	Yeşilay Kulübü	Gönüllü Olmaya Söz Ver-2	Eskişehir/Odunpazarı Yeşilay Balathane Kafe
24	10.12.2023	Mühendislik Projeleri Geliştirme Kulübü	Sabun Yapma Etkinliği	ESOGÜ Teknoloji ve İnovasyon Merkezi
25	13.12.2023	İnşaat Kulübü	Mesleğe İlk Adım	Prof. Dr. Suat MİRZA Konferans Salonu
26	16.12.2023	Bilgisayar ve Bilişim Teknolojileri Kulübü	Cloud Workshop	Haller Gençlik Merkezi
27	18.12.2023	Uluslararası İlişkiler Kulübü	İnclusive Flow Projekt	Prof. Dr. Fazıl Tekin Konferans Salonu
28	22.12.2023	Entellektüel Tıp Kulübü	Münazara Turnuvası	Prof. Dr. Hasan ÇOLAK Amfisi - Prof. Dr. Eşref TEL Amfisi
29	20.12.2023	Türk Uluslararası Tıp Öğrencileri Birliği Kulübü	Yarınlarımızı Yeşillendiriyoruz	Prof. Dr. Hasan ÇOLAK Amfisi (2. sınıf amfisi)
30	20.12.2023	Bilimsel ve Kültürel Etkinlikler Kulübü	Cumhuriyetin Yüzüncü Yılında Türk Tarihi	F5 Konferans Salonu
31	21.12.2023	Sanat ve Tasarım Kulübü	Bardak Altlığı Boyama Etkinliği	Kabuk Kültür Sanat Merkezi, Odunpazarı/Eskişehir
32	22.12.2023	Türk Uluslararası Tıp Öğrencileri Birliği Kulübü	Yarınlarımızı Yeşillendiriyoruz	Eskişehir/Odunpazarı Kılıçarslan İlkokulu
33	25.12.2023	Liderlik Kulübü	Sağlık Yöneticileri Günü	Eskişehir Şehir Hastanesi
34	26.12.2023	Gıda Kulübü	Güvenilir Gıdaya Erişimde Gıda Mühendisinin Rolü	ESOGÜ Ziraat Fakültesi Konferans Salonu (Amfi-4)
35	29.12.2023	Türk Uluslararası Tıp Öğrenci Birliği Kulübü	Pediatri Servisinde Yılbaşı Kutlaması ve Duvar	Tıp Fakültesi Çocuk Sağlığı ve Hastalıkları Anabilim
			Boyama Etkinliği	Dalı Büyük Çocuk Servisi



1970			

Our university organized or hosted events related to the environment and sustainability in the 2023-2024 academic year.

Total number of sustainability/environment related events in:

2023: 182

2024(1-8 month): 167

A total average per annum over the last 2 years of **349 events**

https://sks.ogu.edu.tr/Sayfa/Index/20/ogrenci-kulupleri



Number of activities organized by student organizations related to sustainability per year





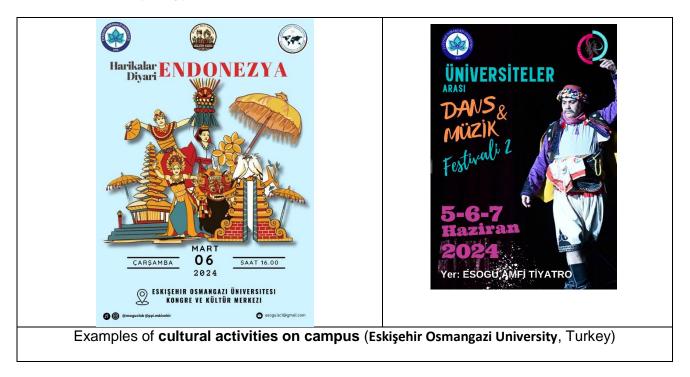




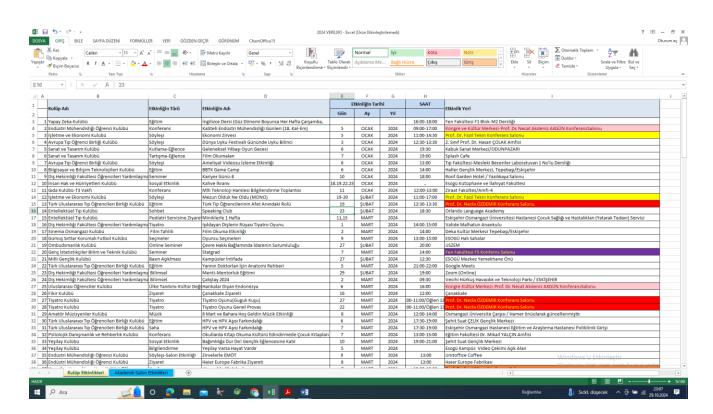
Examples of events organized by student clubs related to sustainability. (Eskişehir Osmangazi University, Turkey)



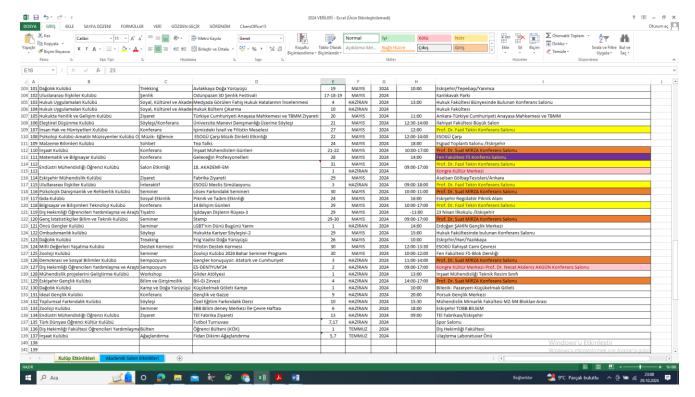
Number of cultural activities on campus (e.g.Cultural Festival) including virtual activities (if any)



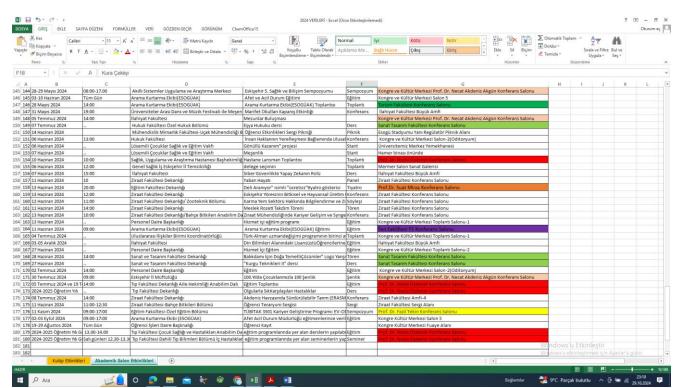
ESOGU was published a report including all activities in campus. TOTAL NUMBER 2023-2024: 317







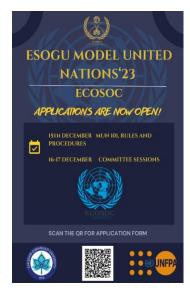
1. Organized by faculty





Number of university sustainability program(s) with international collaborations





ESOGU MODEL UNITED NATIONS 23





XVIII. International Mineral Processing Symposium

Second International Digital Green Event

The international and intercultural Erasmus+ Project "Digital Green" wants to make awareness about "Environment and fight against climate change". If we want to raise a generation respectful to the environment, we need to raise their awareness on the environmental problems and possible solutions. The new generation should be educated on it. Thus, we want to prepare youngsters to become true factors of change like using clean energy, saving sources, reducing energy waste, compensating carbon footprint emissions and opting for sustainable food and mobility choices. And we want to enable behavioral changes for individual preferences, consumption habits and lifestyles. In order to achieve these priorities, we aim to...

inform students, lecturers, teachers, academicians, parents, public and then other indirect participants about climate change, global warming, ecological balance, clean energy, sustainable environment and energy efficiency.

encourage them to use energy wisely and to change their preferences, consumption habits and lifestyles about using natural resources and prefering renewable energy sources.

draw attention to the importance of environmental education and improve green skills of our target groups to initiate a change in priorities for all the people we can reach, especially young people.

More than 500 participants from Germany, Italy, Turkiye and Czechia have been joined this meeting.

Eskişehir 5. Sağlık ve Bilişim Sempozyumu

In this workshop, sessions titled 'Development of Digital Health Ecosystem', 'Remote Health Services', 'Innovative Digital Applications' and 'Health Informatics Solutions for Disadvantaged Groups' were held. The symposium, which is of great importance in terms of shedding light on the problems encountered in the field of informatics and health in Turkey and bringing the sector together, aims to contribute to the use of information technologies more effectively in the public and private sectors and to contribute to the work carried out in the field of health to realise digital transformation with information technologies.

ESOGU MODEL UNITED NATIONS 23

MODEL UNITED NATIONS was prganized this meeting for students.



XVIII. International Mineral Processing Symposium

The International Mineral Processing Symposium (IMPS) has been traditionally organised every two years since 1986 by five (5) distinguished universities of Turkey, Dokuz Eylül University, Istanbul Technical University, Middle East Technical University, Hacettepe University and Eskişehir Osmangazi University.

With more than 35 years of history, the International Mineral Processing Symposium, which has international recognition, continues to serve as a platform where both domestic and international scientists and employees of companies operating in the mineral processing sector share current information, developments in the field of mineral processing and their thoughts on the future of the sector. There is no doubt that one of the main factors for the successful continuation of the symposium for many years is the support provided by the public and private sector. It is foreseen that this support, which has become a tradition, will continue to increase in the same way.

The Symposium Steering Committee has decided that the 18th International Mineral Processing Symposium, which will be held this year, will be hosted by Eskişehir Osmangazi University. The symposium, which will take place on 16-18 October 2024 in Eskişehir, will be held in memory of our esteemed professor, Prof. Dr. Hüseyin Özdağ, the chairman of our department and the 13th International Mineral Processing Symposium, and our esteemed professor, Prof. Dr. Güven Önal, the chairman of the Dormitory Mining Development Foundation.

https://www.esogu.edu.tr/en/Web/EtkinlikDetay/3730?page=139 https://www.facebook.com/esogumun/?locale=tr_TR https://esoguhaber.ogu.edu.tr/2024/05/30/5-eskisehir-saglik-ve-bilisim-sempozyumuuniversitemizde-duzenlendi/ https://www.ogu.edu.tr/Web/EtkinlikDetay/3829?page=132



Number of sustainability community services project organised and/or involving students

Project name	participants	Project duration	Project area
Digital Green	1000	2 year	EC, WS, WR, ED
Innovative Tools To Digitize The East And West Cultural Heritage: A Digital Game Design Methodology Guide	200	3 years	ED

www.ogu.edu.tr

https://www.esogu.edu.tr/en/Web/EtkinlikDetay/3730?page=139 https://www.ogu.edu.tr/Web/EtkinlikDetay/3829?page=132

https://avesis.ogu.edu.tr/proje/9ec52c4b-4bcb-42ae-a1d0-d40880fee88c/innovative-tools-to-digitize-the-east-and-west-cultural-heritage-a-digital-game-design-methodology-guide-proje-no-2023-1-tr01-ka220-hed-000154946-devam-ediyor



Number of sustainability-related startups

No.

1	Startup name: BORTEK BOR TEKNOLOJİLERİ VE MEKATRONİK SANAYİ TİCARET
	ANONIM SIRKETI

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): EC

URL: https://www.borteknolojileri.com/

Description: BORTEK Boron Technologies and Mekatronik San.Tic.A.Ş. is an R&D organisation established in 2006 in Eskişehir Technology Development Zone. BORTEK® has defined its core competence as the production of sub-micron sized, high purity, medical quality (99.97%) hexagonal boron nitride with superior properties and its application to end products. Focusing on the important problems faced by humanity, BORTEK continuously researches and develops new products and applications with hBN.

Information



2 **Startup name:** MMD MAKİNE VE MALZEME TEKNOLOJİLERİ ARGE DANIŞMANLIK MÜHENDİSLİK HİZMETLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI, EC

URL: https://startupcentrum.com/tr/girisim/mmd-makine-ve-malzeme-teknolojileri-ar-ge-dan-muh-hiz-san-tic-ltd-sti

Description: MMD Machinery and Material Technologies R&D Consultancy Engineering Services San. Tic. Ltd. Şti. It is a company established in Eskişehir Osmangazi University Technology Development Zone in December 2013 in order to realise R&D projects supported by TUBITAK and KOSGEB, providing Consultancy and Engineering Services for R&D in Materials and Machinery Technologies, especially the design, manufacturing and applications of cryogenic systems for metallurgical purposes.





3 **Startup name**: KORLOG ARAŞTIRMA GELİŞTİRME BİLGİSAYAR MAKİNA İNŞAAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): EC, ED

URL: https://www.korlog.com/

Description: ORLOG R&D was established in 2013 and operates in ETGB Technopark located in Eskişehir Osmangazi University. It carries out R&D projects on artificial intelligence and big data supported by TÜBİTAK and KOSGEB.

KORLOG R&D provides customised solutions that include easy-to-maintain, versatile, sustainable technologies that provide various possibilities to customers in the IT industry. We provide consultancy on cloud technology, big data systems and web programming with our staff with many years of experience in the sector.

Within the scope of Industry 4.0, high performance technologies are offered with artificial intelligence based studies such as data analysis, machine learning, computer vision. In addition, it produces domestic software by operating in the fields of RFID systems and embedded design. In addition to its project studies, Korlog R&D also carries out innovative product and service development studies for the industry.





4 Startup name: MiCROBIOTA BİYOTEKNOLOJİ SANAYİ VE TİCARET ANONİM ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED, EC

URL: https://www.microbiota.com.tr/

Description: Microbiota Biotechnology is a company established in Eskişehir Technology Development Zone in 2015 and operating in the field of Industrial Biotechnology.

It has set out with the motto 'To present nature's toolbox to the use of humanity'. With the solutions it produces based on microorganisms, it carries out R&D and P&D studies to create added value based on knowledge in the fields of health, agriculture and environmental biotechnology and offers solutions.

As Microbiota Biotechnology; we care about increasing efficiency in industrial processes, developing sustainable, environmentally friendly production technologies, and providing services with approaches that reduce Carbon and Water footprints.



5 Startup name: NEVİSOFT BİLİŞİM TEKNOLOJİLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI, ED



URL: https://nevisoft.com.tr/index.html

Description: Nevisoft was established in Eskişehir Osmangazi University Technopark in 2016 and since then, it is a software company serving in the fields of national software and national technology. Today, it has adapted to the geometric increase in technology, integrated with it, and has proven itself with its R&D studies and achievements in the field of artificial intelligence. As a result of these achievements, it has adopted the mission of becoming a global company by opening up to the international market with original products in its field by serving many private companies and public institutions. With its strong academic staff and technical staff, it continues its success in this field and is one step closer to its goals every day.



6 **Startup name:** KODRİKA YAZILIM ARGE BİLİŞİM REKLAM EĞİTİM DANIŞMANLIK HİZMETLERİ LİMİTED ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI, ED, TR

URL: https://kodrika.com.tr/hakkimizda

Description: Kodrika is an R&D organisation established in 2017 in Eskişehir Osmangazi University Technopark with the aim of providing services in the field of web software, web design, mobile software, consultancy, graphic design, corporate identity, social media management. Our main goal is to provide the best service in the field of software and consultancy to our customers all over Turkey.

Kodrika is an organisation that provides services in different fields with the projects we have developed. It also carries out TUBITAK supported projects.





7 **Startup name:** ALBİLA SERUM BİYOLOJİK ÜRÜNLER SANAYİ VE TİCARET ANONİM ŞİRKETİ ESKİŞEHİR ŞUBESİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI, EC, ED

URL: http://www.albila.com/

Description: ALBILA A.Ş. was established on 31 January 2017 with an 'Angel Investment' project. The shareholder structure consists of a total of 40 people from Turkey's leading businesswomen and businessmen. ALBİLA, established on 7 decares of land in Eskişehir Organised Industry, is the first pharmaceutical production facility in Eskişehir, which plans to produce horse-derived antivenom against animal stings without harming the ecosystem.

ALBILA, which stands out as an 'Angel Investment' project within the private sector, carries out R&D studies with Eskişehir Osmangazi University within the scope of University-Industry co-operation and provides academic support from international universities. The 1600 square metre facility consisting of R&D, P&D and clean room has a young and dynamic team of chemists, molecular biologists and pharmacists.

ALBILA Headquarters is in Istanbul, Eskişehir Organised Industrial Zone has a GMP standard production facility, Osmangazi University has a scorpion venom production unit and Mahmudiye has a horse care and immunisation unit.





8 **Startup name:** TRONİK HAVACILIK SAVUNMA MÜHENDİSLİK TEKNOLOJİ GELİŞTİRME DANIŞMANLIK YAZILIM SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI, TR

URL: https://www.tronik.com.tr/

Description: Tronik Aviation continues its activities at Anadolu University Technology Development Centre (TEKMER) in order to develop and produce original products in its field. As Tronik Aviation, our aim is to develop, improve and offer original, distinctive, high quality and user-friendly products.

Tronik Aviation, which was established by expert engineers with this aim, carries out design, software development, production and integration activities related to flight simulation technologies for manned and unmanned aerial vehicles (UAV- Drone) types.

Tronik Aviation produces the most innovative and sustainable products by engaging in labour-intensive activities at every stage from design to production for manned and unmanned aerial vehicles in the aviation sector.





9 Startup name: AVKAR YAZILIM SANAYİ VE TİCARET LİMİTED ŞİRKETİ.

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED, TR

URL: https://www.avkaryazilim.com.tr/tr.html

Description:



10 Startup name: ASYSTEE EĞİTİM YAZILIM VE DANIŞMANLIK LİMİTED ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI, ED

URL: https://www.asystee.com/

Description: Founded with the support of TUBITAK 1512, Asystee is a research and development company that applies innovative technologies in the field of open and distance learning.

The main activities of our company include the design, development and integration of sustainable elearning environments on the cloud or on-site; improvement of existing e-learning infrastructures of institutions and instructional design consultancy.

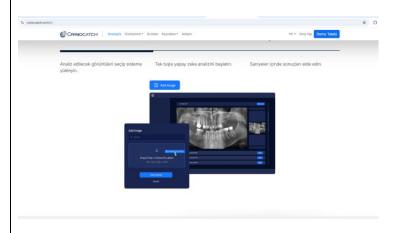




11 **Startup name:** CRANIOCATCH BİLİŞİM TEKNOLOJİLERİ MEDİKAL DENTAL SANAYİ VE TİCARET ANONİM ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI, EC, ED

URL: https://www.craniocatch.com/tr/



12 **Startup name:** AEROGLOBE HAVACILIK VE SAVUNMA SANAYİ TİCARET LİMİTED ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI, TR

URL: https://aeroglobe.aero/tr/





13 Startup name: 3B EKO TARIM TEKNOLOJİLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI, WR, EC

URL: http://3bekotarim.com/

Description: Prodect water, and food for future.

Photos:



14 Startup name: ORTHOSENSE MEDİKAL ARGE SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI, ED

URL: https://www.atap.com.tr/Portal/FirmaDetay/85/orthosense-

Description:

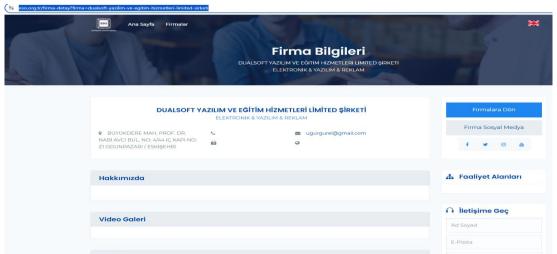




15 Startup name DUALSOFT YAZILIM VE EĞİTİM HİZMETLERİ LİMİTED ŞİRKETİ Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED

URL: https://www.eso.org.tr/firma-detay?firma=dualsoft-yazilim-ve-egitim-hizmetleri-limited-sirketi

Description: Programme and education

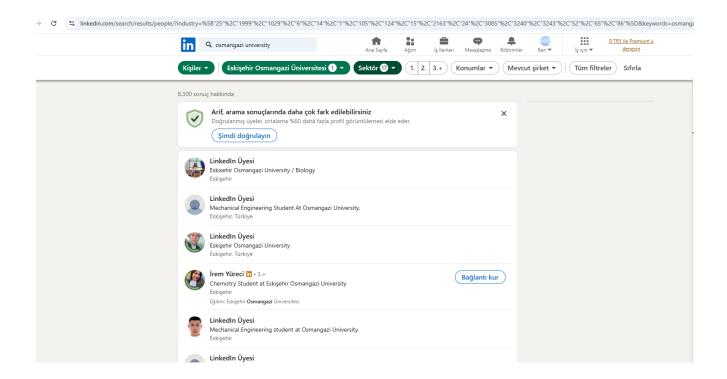


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Total number of graduates with green jobs (for the last 3 years)

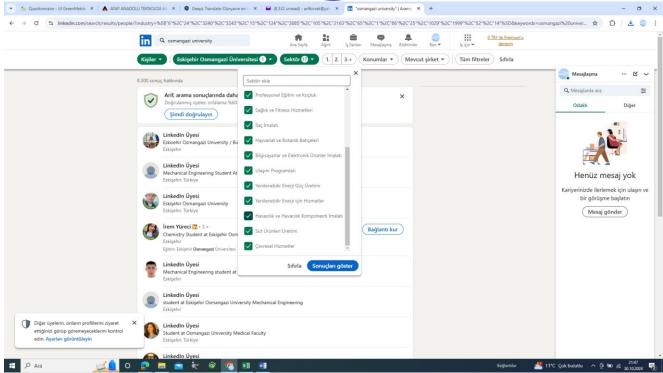


When we search LinkedIn by using following keywords; we found that 8300 graduates with green jobs (Last 3 years).

Production, Education; Transport Equipment Manufacturing; Technology, Information and Internet , Hospitals and Health; Defence and Space Vehicles Manufacturing; Professional Training and Coaching; Health and Fitness Services; Pharmaceutical Manufacturing; Zoos and Botanical Gardens; Computers and Electronic Products Manufacturing; Transport Programmes; Renewable Energy Power Generation; Services for Renewable Energy; Aerospace and Aviation Component Manufacturing; Dairy Products Production; Environmental Services

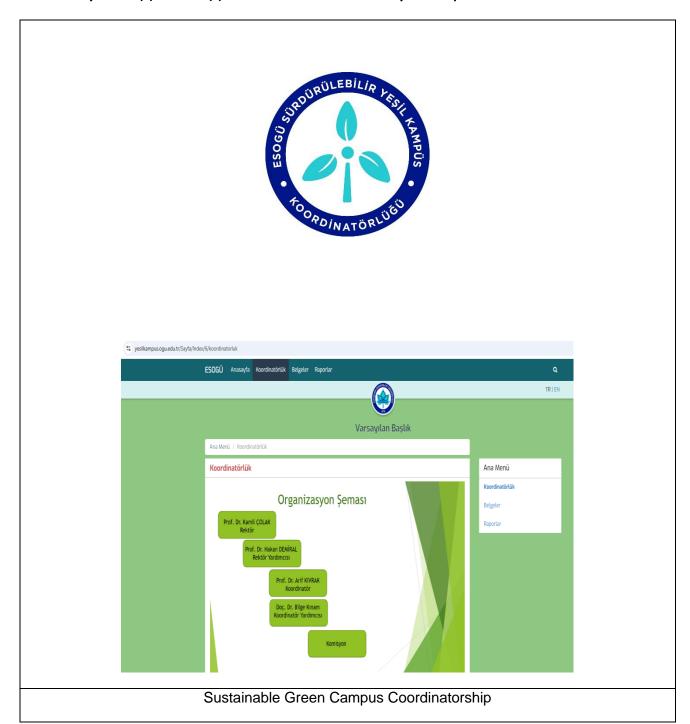
www.Linkedin.com







Availability of unit(s) or office(s) that coordinate sustainability on campus



Eskişehir Osmangazi University's Green Campus Strategy adopts a comprehensive approach that integrates the principles of environmental sustainability, climate-friendly practices, social responsibility and innovation. This strategy is based on national and international standards and relevant legal regulations and aims to increase efficiency in energy production, transmission and consumption in the university campus, to prevent unconscious use and waste, and to make energy costs sustainable. In addition, it includes important elements such as reducing greenhouse gas emissions within the scope of combating climate change, protecting natural resources with the land



use and storm water management plan, and preventing environmental pollution with the waste management plan.

Eskisehir Osmangazi University Campuses are committed to taking actions in line with the strategic goals and objectives set by the Green Campus Strategy. In this framework, this strategy document, which constitutes the priority and important components of environmental and energy policy, aims to improve the sustainability and environmental impact of the university campuses.

In the short term, implementing energy and water saving policies, initiating and promoting recycling programmes, creating bicycle paths and public transport services to make campus transportation sustainable. In the medium term, investing in renewable energy sources, adapting campus buildings to energy efficiency standards, encouraging the purchase of environmentally friendly products. In the long term, constructing green buildings and updating existing buildings according to these standards, making education and research programmes sustainability-oriented, protecting and increasing natural areas within the campus.

ESOGU Sustainability Principles

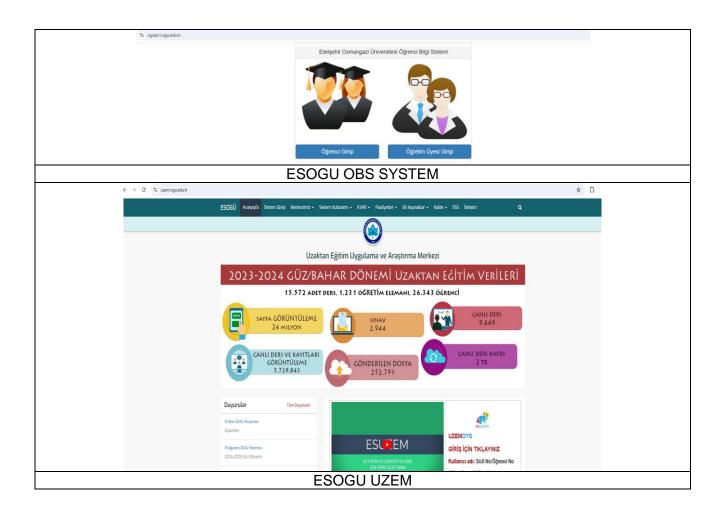
The sustainability principles of Eskişehir Osmangazi University aim to carry out all necessary activities in accordance with the policy of the following basic principles for an environmentally, economically and socially sustainable future.

https://yesilkampus.ogu.edu.tr/

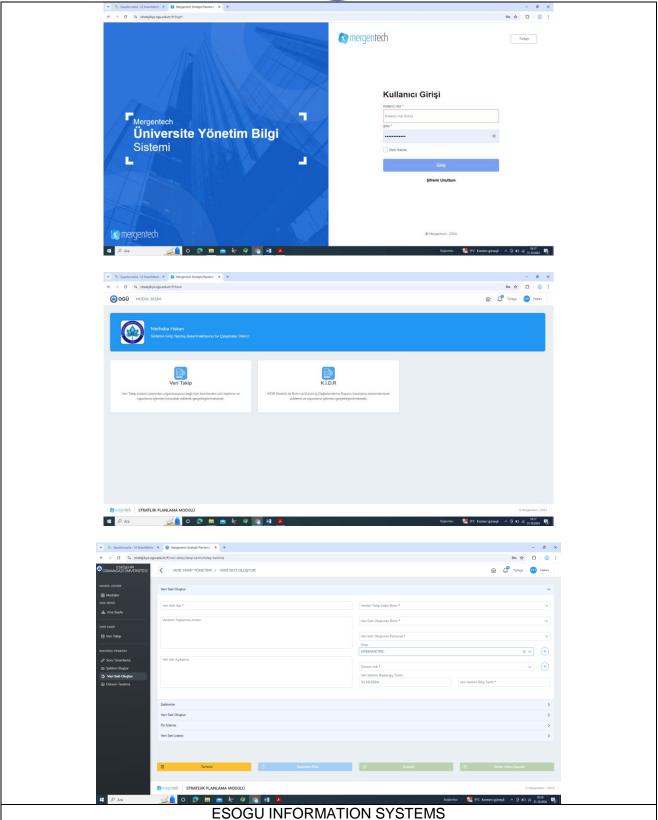


Planning, implementation, monitoring and/or evaluation of university governance through the utilization of Information and Communication Technology (ICT)

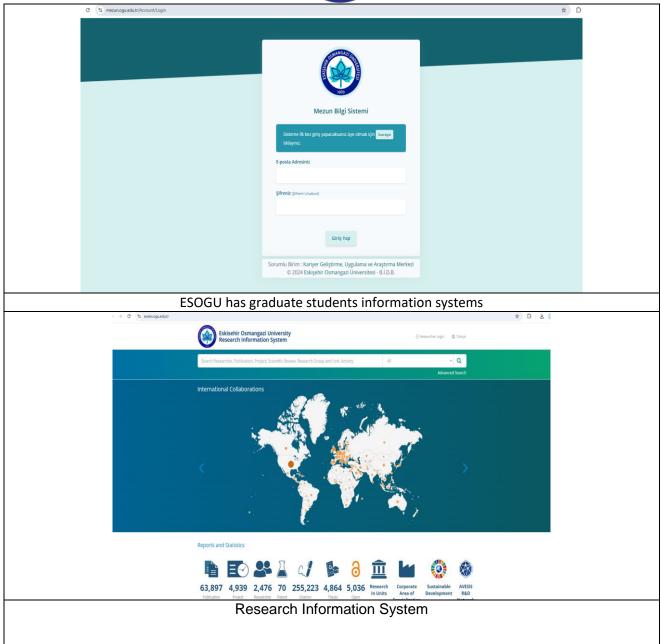
Stage	Activities/Progra ms	ICT Utilization	Evidence	Timeline	Responsible Team/Depart ment
Planning	Identify key areas of sustainability for research focus	Research management software	Research focus documents, funding proposals	Jan 2012 - Mar 2024	Research Office, ICT Dept student affairs
Implement ation	Fund and support research projects on sustainability	Digital grant management systems	Funding records, project reports	2012 - Dec 2024	Research Office, Finance Dept
Monitoring	Track research progress and publication output	Research tracking tools	Publication databases, progress reports	Ongoing	Research Office, ICT Dept
Evaluation	Evaluate the impact and quality of publications	Citation analysis tools, peer review systems	Impact assessment reports, citation metrics	Annually	Research Office, ICT Dept











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