





Evidence UI GreenMetric Questionnaire

University : Bursa Uludag University
Country : Turkey
Web Address : <http://www.uludag.edu.tr/english/default>
Web Address for Sustainability Office: <https://uludag.edu.tr/sustainability>

[6] Education & Research

[16] Number of sustainability-related startups

ATTENTION PLEASE: Please note that the startups listed below belong to the 2021-2022 educational year, which started in September 2021 and lasted till September 2022.

No.	Information
1	<p>Startup name: Development of the Car Operating with Renewable Energy Sources by Student Society of Bursa Uludag University (UMAKİT)</p> <p>Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): EC</p> <p>URL: https://uludag.edu.tr/haber/view/11139/team-umakit-avrupa-ve-afrika-sampiyonu</p> <p>Description: Student Society UMAKIT has been working on the improvement of cars using renewable energy sources as fuel. This year they developed a new vehicle as part of their project for the international competition, "Shell Eco-Marathon Road to 2050 Challenge". They won the championship for the regions of Europe and Africa. They have designed a car working with hydrogen energy.</p> <p>Photos: Below photos show their medals and their car.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;">    </div> 
2	<p>Startup name: Seed ball workshop and seed ball launch</p> <p>Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI</p> <p>URL: https://uludag.edu.tr/surdurulebilirlik/konu/view?id=9072&title=universite-kampusu-tohum-toplariyla-yesermeye-devam-edecek https://uludag.edu.tr/surdurulebilirlik/konu/view?id=9285&title=tohum-topu-firlatma</p> <p>Description: Bursa Uludağ University (BUÜ) students prepared hundreds of seed balls to be thrown into the empty spaces of the university campus in the event, which was held for the first time under the</p>

leadership of the Sustainable Campus Coordinator Office. Academic and administrative staff accompanied the students who prepared the seed ball in the area created at the Farm Center of the Faculty of Agriculture. Then the prepared seed balls were thrown to various parts of the university on another day.

Photos:



- 3 **Startup name:** From waste to art
Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI
URL: <https://uludag.edu.tr/surdurulebilirlik/konu/view?id=8634&title=atiktan-sanata>
Description: Bursa Uludağ University (BUÜ) Sustainable Campus Project volunteers turned the waste they collected on campus into works of art, and the event was held with the support of the university administration. The works converted from waste into works of art were exhibited in the exhibition hall. Afterwards, the event program continued with the presentations of the speakers.

Photos:



- 4 **Startup name:** Meet Sustainability Event
Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI
URL: <https://uludag.edu.tr/surdurulebilirlik/konu/view?id=8948&title=surdurulebilirlikle-tanisiyoruz-etkinligi-basariyla-gerceklesti>
Description: The event, which was held with the rector, vice-rectors, deans, academics, staff, university and primary school students, supported the studies to be carried out on sustainability at the university. The interest of primary school students on the subject was also increased with the fun and simple explanation of the sustainability office. The seeds collected from the guests were then used in the seed ball workshop. At the same time, stands of university societies related to sustainability are also at the



5	<p>Startup name: Bicycle Parks Opening</p> <p>Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI</p> <p>URL: https://uludag.edu.tr/surdurulebilirlik/konu/view?id=9296&title=bisiklet-parklari-acilisi</p> <p>Description: This project, which has a total of 4 stations, which was implemented in order to ease the transportation between Görükle Region and the University Campus, where the young population is densely populated, was realized with the participation of the university rector, the mayor of Nilüfer, academicians, the press, staff and students.</p> <p>Photos:</p> <div data-bbox="225 1014 847 1431" data-label="Image"> </div> <div data-bbox="858 1010 1477 1426" data-label="Image"> </div>
6	<p>Startup name: “Innovative Personal Protective Equipment that Reduces the Risk of Aerosol and Droplet Contact: Biodegradable Nasal Mask” project</p> <p>Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): SI</p> <p>URL: https://www.uludag.edu.tr/haber/view/14893/buulu-akademisyenlerin-projesine-tubitak-1005-destegi</p> <p>Description: Bursa Uludağ University Faculty of Dentistry academicians started the project “Innovative Personal Protective Equipment that Reduces the Risk of Aerosol and Droplet Contact: Biodegradable Nasal Mask” project, with the participation of academicians from different branches. The project was also entitled to be supported by TUBITAK.</p> <p>Photos:</p>



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Startup name: 'Accessible University Flag Awards'

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

URL: <https://www.uludag.edu.tr/haber/view/14868/buu-engelsiz-universite-yolunda-emin-adimlarla-ilerliyor>

Description: BUÜ Administration, which applied to the 'Unhindered University Flag Awards' realized by the Higher Education Institution (YÖK) in 2018, was deemed worthy of the Orange Flag award in this field with its 3 faculty buildings and 1 department building. YÖK paved the way for 5 different buildings of the University to be nominated for awards.

Photos:



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Startup name: Rice production trials with drip irrigation method

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

URL: <https://www.uludag.edu.tr/haber/view/14766/buude-damla-sulama-yontemi-ile-celtik-uretim-denemeleri-basladi>

Description: Bursa Uludağ University (BUU) Faculty of Agriculture, Field Crops Department, started paddy production trials using drip irrigation method. It was stated that the adaptation process of 6 different varieties will be observed in the first stage, and if the project is successful, the diversity will be increased. With drip irrigation, it is aimed to use less water and to minimize the mosquito problem within the framework of paddy production trials. At the same time, the products produced will be added to the product portfolio grown at the university.



9	<p>Startup name: Rainwater harvesting project</p> <p>Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): WR</p> <p>URL: https://www.uludag.edu.tr/haber/view/13126/buunun-ilk-yagmursuyu-hasadi-projesine-hitachi-astemo-turkiyeden-destek</p> <p>Description: While the stormwater harvesting system was created, approximately 200 m2 of the roof area of the Environmental Engineering department was actively used. The storm water gutters in the building were connected to the common system with a diameter of 150 mm and the collected rain water was given to the 2000 liter underground tank. With the submersible pump operated depending on the control panel, a structure was created to meet the amount of water needed for floor cleaning and garden irrigation of the section.</p> <p>Photos:</p> 
10	<p>Startup name: Software Kitchen</p> <p>Startup area in UI Greenmetric questionnaire (SI, EC, WS, WR, TR, ED): ED</p> <p>URL: https://www.uludag.edu.tr/haber/view/13096/turkiyenin-ilk-yazilim-mutfagi-buude-hizmete-acildi</p> <p>Description: Bursa Uludag University (BUU) Prof. Dr. Fuat Sezgin Central Library broke new ground in Turkey by opening the "Software Kitchen" service, which was created for students who want to improve</p>

themselves in software, to the access of users. It started to offer a special service to all software enthusiasts studying at the university or working as staff.

Photos:



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Startup name: Medicinal and aromatic plants garden

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

URL: <https://www.uludag.edu.tr/haber/view/13823/mustafakemalpasa-myoda-tibbi-ve-aromatik-bitkiler-bahcesi-acildi>

Description: In cooperation with the university, the Medicinal Aromatic Plants Project was implemented in the garden of Mustafakemalpasa Vocational School. In addition to 28 medicinal and aromatic plants in the project garden, it produces local seeds and contributes to the inclusion of idle agricultural lands in our district and opening a door of high income to the farmer.

Photos:



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Startup name: Turkish World Music Department Master's Program

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

URL: <https://www.uludag.edu.tr/haber/view/13192/turkiyede-ilk-turk-dunyasi-muzikleri-anabilim-dali-yuksek-lisans-programi-egitime-basladi>

Description: BUU Social Sciences Institute Interdisciplinary Turkish World Music Department was opened to education. The program, which will admit students at the graduate level, is the first among Turkish universities. Students who receive undergraduate education in different disciplines can also apply to the program, provided that they have received 1 year of music preparatory education.

Photos:



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Startup name: 1st International Uludağ Art and Design Biennial

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

URL: <https://www.uludag.edu.tr/haber/view/12285/buu-i-uluslararasi-uludag-sanat-ve-tasarim-bienali-basladi>

Description: In the biennial, works were presented in 10 different art branches: Photography, Graphic Design, Painting, Sculpture, Fashion Design, Ceramic-Glass, Stage-Decor-Costume, Video-Art, Traditional Turkish Handicrafts and Textile. The works of nearly 500 artists who applied to the Biennale were evaluated by the selection committee consisting of nearly 100 artists and designer academics from Turkey and abroad. More than 2000 works by 356 artists, together with the works that passed the jury pre-selection, were presented to art lovers in solo and group exhibitions, together with the works of important artists from Turkey and the world.

Photos:



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Startup name: Animal feed production

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

URL: <https://www.uludag.edu.tr/haber/view/12091/veteriner-fakultesi-bir-ilki-gerceklestirdi>

Description: Bursa Uludağ University (BUÜ) Veterinary Faculty Animal Health and Animal Production Research and Application Center produces 3 times the amount of roughage to be consumed by the animals in the university and provides roughage to the livestock sector. In these years when the industry was struggling due to drought, it was aimed to ensure sustainability in production by contributing to the industry and the faculty at a time when roughage and concentrated feed prices increased.



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Startup name: Barrier-Free Agriculture Project

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

URL: <https://www.uludag.edu.tr/haber/view/11726/orhangazi-asil-celik-myoda-bebka-destegiyle-engelsiz-tarim-projesi>

Description: The Project, which will be carried out on a total area of 2100 m2, is the first in Turkey with a fiction that operates in every field of an agricultural product from production to storage, from packaging to sales. Within the scope of the project, classrooms, agricultural workshops, greenhouse area, product sales office and barrier-free cafe will be built. In addition, with the contributions of Hektaş, high value-added agricultural products such as blue berry are grown and sold, and besides providing income to students with mild mental disabilities, BUÜ Orhangazi Yeniköy Asil Çelik Vocational School Landscape and Ornamental Plants Breeding Program will offer internship opportunities for many years.

Photos:



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Startup name: Evaluation of bone fragments removed during operations

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

URL: <https://www.uludag.edu.tr/haber/view/11039/operasyonlarda-cikarilan-kemik-parcalari-artik-cope-atilmayacak>

Description: Bursa Uludağ University (BUÜ) is a special project that allows the bone fragments removed during surgery and referred to as medical waste to be processed and used in bone transplants to be made later.

Photo



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Startup name: Soap production from goat milk

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

URL: <https://www.uludag.edu.tr/haber/view/10781/buude-keci-sutunden-sabun-uretimi-basladi>

Description: Academicians and students working at Bursa Uludağ University (BUÜ) Faculty of Veterinary Medicine In order to obtain more added value from the milk of goats raised at the University and to obtain different products; It produced soap from 100% natural goat's milk, which is beneficial for hair loss, skin diseases and dandruff.

Photos:

