



Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future



ULUTEK TECHNOPARK

ulutek.com.tr

CHAIRMAN'S MESSAGE

As a main impetus of economic and social development, the process that transforms knowledge into output determines our power in international competitiveness. The path to access more added-value outcomes with fewer resources can be realised through investments in R&D and innovation. Societies that have invested in R&D and innovation have steered the global economy. Countries that have managed to constitute the public and private sectors, universities and industry ecosystems through the use of science and technology have had the biggest share in commerce.

We, as citizens of a country that strives to be one of the 10 largest economies in the world, should increase the share of R&D, innovation and design in the production and exportation processes. Considering this scope, Marmara Basin, where Bursa is located as a centre, is the area in which high-tech industry and added-value productions are the highest. Bursa has already attained its objective with \$4 per kilogram on average for exportation. Given the intense competitiveness that exists worldwide, our geographic location has a need for innovative approaches that will cause our country to become a high technology station.

The work carried out by ULUTEK, which was established with the goal of being a Technopark to equip industry and society with relevant knowledge and information, is of vital importance. As an umbrella organization of Bursa's business world, the Bursa Chamber of Commerce and Industry (BTSO), in line with our aims, sets out to integrate into the city economy through our collaborative work with Uludag University, which follows the '3rd Generation University' as a model. The added-value that the Technopark produced has rapidly increased. The exportation in the area has surpassed 10 million dollars in a significantly short time.

With our vision, we aim to have a more effective status with our geographical area to support our projects at the highest level based on R&D and innovation transformation processes. In addition to the business incubators that support the newly-established companies in an intensely competitive setting, our area, which provides more than 120 companies with services, is being prepared to reach a size of 480 decares. Thus, our Bursa business will have the opportunity to benefit more from the advantages that we offer our Technopark with further R&D and innovation investments. I thank all of our strategic partners for their valuable collaboration because I am confident that the developments regarding the production infrastructures that are based on technology will contribute to the future goals of our city and country.



İbrahim BURKAY
BTSO Chairman of the Board
ULUTEK Chairman of the Board

RECTOR'S MESSAGE

As citizens of Turkey, our top priority is the transition to value-added production. To maintain competitiveness with the Industry 4.0 transformation, in addition to reaching the high level of exportation and national income that we targeted, we need to rise to an identity that is conducive to the production of technology. With this understanding, we were resolved to follow the '3rd Generation University' vision at the Uludag University where the science is being transformed into the economy, social benefits and production of R&D, projects and collaboration with the industry.

Uludag University is one of 20 universities that has a Technology Transfer Office (TTO) in Turkey and is one of the partners of the Scientific and Technological Research Council of Turkey (TUBITAK). In addition to patenting knowledge, such as inventions, beneficial models, products and processes, which has added value potentials, the University realised the goal of marketing manufacturing technology to the sectors.

We have been preparing a new project for ULUTEK, which we established and are running. We aim to attract the attention of national and international new investors to ULUTEK and increase production and employment by approximately 10 times its current capacity.

We formed a basis for collaboration with the organisations in the business world to provide industrialists and entrepreneurs with mutual benefits, notably with BTSO.

The Software Centre of Excellence, which is still under preparation for establishment, will empower our Technopark. To increase the production capacity of our Technopark, we will establish facilities in addition to founding research and software companies for pilot production in the incubator centres.

With these changes, we set out with ULUTEK and TTO to maintain and provide added value for our city and our country along with a first-class experience of university-industry cooperation.



Prof. Dr. Yusuf ULCAY
Rector of Uludag University
ULUTEK Deputy Chairman



As the first capital of the Ottoman Empire, Bursa has witnessed a number of first-time events. The city has historical and cultural heritage and plays an active and leading role in the development of the economy of Turkey.

Bursa is the city where the world's first written standards were realised and where the world's first bridge with bazaar was built. In this city, we had the world's first example of a professional gathering 600 years ago in the historical bazaar and inns. To this day, we continue to have a vision for establishing Turkey's first organized industrial site. Bursa is the key to the country's economic development because of its geographical position, entrepreneurial spirit and human resources. Bursa has the world's first written standards.

Bursa is ranked 2nd for exports out of Turkey. In terms of average income, it is ranked above the national average income with a lower unemployment rate than the average unemployment rate in the European Union countries. Bursa has strong statistics and aims to have 75 billion dollars of exportation with high-quality products until 2023.

The main requirement for producing high added-value for technological and innovative products is to increase the investments in R&D. Bursa is justified in its pride of making 40 out of 245 R&D centres active in Turkey.

Bursa has a challenging position in respect to the new generation industrial areas, although it has a production base at the centre of approximately 1,000 foreign capital companies and a foreign trade surplus in addition to strategic sectors, such as automotive, textile, machinery and food sectors.

Displaying dynamism in economic terms through exportation, employment and investment values, Bursa has already reached an average price of \$4 per export unit for the 2023 exportation target of Turkey.





ULUTEK TECHNOLOGY DEVELOPMENT ZONE

The global economy has a new dimension with the industry 4.0 paradigm and the investments made to knowledge-based technology fields that, in their rapid growth, are the main engines of economic growth. The investments in R&D and innovations are instruments for maintaining competitiveness in the international area.

Projected with the vision of tailoring scientific knowledge to production, ULUTEK was founded in 2006 with the objective of transferring academic knowledge into economic production in Bursa and nearby universities through collaboration with the private sector.

ULUTEK is located on Uludag University Campus and has a central location in terms of land, air, sea and air transportation-i.e., 5 minutes to Izmir-Istanbul motorway; 20 minutes to Mudanya Ferry Terminal and 45 minutes to Bursa Yenisehir International Airport. Also, that ULUTEK is 1.5 hours to Istanbul Sabiha Gokcen Airport and around 2 to 2,5 hours to Atatürk Airport facilitates the international cooperation. ULUTEK is close to many industrial zones in Bursa and it is in a convenient location to transport.

ULUTEK aims to develop value-added novel technologies, and it is a Technopark entity for industry and society that conducts scientific and technological works and projects, that produces knowledge and patents, and that transfers the knowledge and patents, which are thereby produced, to production.

Proclaiming 2016 as the year of breakthrough and promotion, ULUTEK provides services as a research company to other companies that are interested in software, information technology, machinery, automotive and subsidiary industry, computers, electronics, energy, food and environment. With an approximately 100% occupancy rate, ULUTEK is increasing its service area by approximately 480 acres and aims at being among the top-tier Technoparks of Turkey.

This is the vision of ULUTEK as it strives to make its strategic mission more successful through outcome-oriented viable projects for our industrial companies. This strategic mission involves finding an implementation field for our scholars and researchers' ideas so that these ideas may be put into practice towards the common goal of making the strategic mission more successful.





OUR MISSION

- ▶ To transfer academic accumulation and research outcomes at the universities into economic value through developing university-industry collaborations;
- ▶ To support the establishment and development of companies that use or produce advanced technology and to induce such companies to use their available resources more effectively or to provide setting and support for R&D activities for companies that are working to create new resources with innovative and advanced technology and software;
- ▶ To bring together the local and international companies that are working on advanced technology and to build the mechanisms that create synergy between companies and universities; and
- ▶ To contribute to the increase of the country's economic and technological level and thus increase the country's international competition power.

OUR VISION

- ▶ To provide more effective University-Industry cooperation,
- ▶ To use the improved manpower and infrastructure facilities of the University to produce an economic value for and commercialization of academic information,
- ▶ To use overseas marketing for innovative and advanced technology products and to ensure the withdrawal of foreign capital in our country in this field, and
- ▶ To meet the needs of business for technology transfers and to provide international support for intelligence.





PARTNERSHIP STRUCTURE

The company that is responsible for the management and operation of the area is ULUTEK Uludag University Technology Development Zone Executive Inc. and has been established with the following four partners:

- ▶ ULUDAG UNIVERSITY
- ▶ BURSA CHAMBER OF COMMERCE AND INDUSTRY
- ▶ BURSA METROPOLITAN MUNICIPALITY
- ▶ ULUDAG EXPORTERS' ASSOCIATIONS GENERAL SECRETARIAT

MANAGEMENT

Chairman of the Executive Board : Ibrahim BURKAY

Deputy Chairman of the Executive Board : Prof. Dr. Yusuf ULCAY

Executive Board Members:

Prof. Dr. Atakan AVCI
Prof. Dr. Hulusi MALYER
Prof. Dr. Mehmet KARAHAN
Prof. Dr. Tuncay ERTAŞ
Prof. Dr. Senih YAZGAN
Dr. Mustafa HATİPOĞLU
Dr. Mustafa UYSAL
Okay CİVELEK
Cüneyt ŞENER

Managing Director : Prof. Dr. Mehmet KANIK





Innovation for future





Innovation for future



SUPPORT AND EXEMPTIONS PROVIDED IN THE ZONE

R&D companies, which are located in the area, benefit from the support and exemptions provided in accordance with the TGB law no. 4691

- ▶ Exemption of Income Tax and Corporation Taxes
- ▶ VAT Exemption of Deliveries and Services on Software Projects
- ▶ Exemption of any tax for the Salaries of R&D and Support Staff Working in the Region
- ▶ Insurance Premium Support
- ▶ Supports for the University Staff
- ▶ Technological Product Investment Support

To commercialise the outcomes of their research, academic staff are able to establish a company in the ULUTEK TGB.





REQUIREMENTS TO BE IN THE ZONE

In accordance with the TGB law no. 4691, Technology Development Zones, the entrepreneurs and academic staff who are willing to have a place in the Zone could have a place in ULUTEK TGB depending on the managing company and area's needs.

APPLICATION PROCESS

- ▶ Company meeting
- ▶ Completion and delivery of the application forms,
- ▶ Reviewers' evaluation of the applications
- ▶ Acceptance to the Zone with the decision of the board, and
- ▶ Entrance to the Zone with the tenancy agreement.

SERVICES PROVIDED IN THE ULUTEK TECHNOLOGY DEVELOPMENT ZONE

ULUTEK is becoming a preferred company for the companies that produce innovative and advanced technology because of its infrastructure, proximity to large provinces and location on the Uludag University Campus.

ULUTEK has the capacity to provide services approximately to 125 companies and 1,000 people with its research building, conference room, meeting room, seminar and exhibition halls, dining hall and cafeteria and areas that can be allocated for use as offices and laboratories.

ULUTEK has in place all the communication, Internet and electricity infrastructure for the companies that are accepted to TGB and provides offices and necessary infrastructure services continuously to maintain daily work.

Fibre optic data lines, a metro Ethernet line, central air conditioning, a power generator, a fingerprint-defined entrance-exit system, outdoor parking, 24-hour security, cleaning services, maintenance services, repair services and other services such as green space and environmental care are available.

The distance between University metro stop with ULUTEK is walking distance; and a free shuttle service is available for employees in the morning and evening hours.

Companies can make use of the academic and social facilities to meet their needs (e.g., social and sports facilities, laboratories, library, and rooms for courses and seminars), which are open to the use of Uludag University staff.

In its current situation, the four acres of tranquil green space and outdoor recreation spaces are quiet and offer a peaceful environment.







ULUTEK MEETING HALLS

Boasting a modern environment with technological infrastructures, the ULUTEK meeting halls have been designed with consideration for the type and aim of the meeting. The meeting halls are reserved for companies of the public and private sector for a small fee. The participants who attend the meetings have the benefit of accessing the food and café services.

Our Halls are under the Service of All the Public and Private Organisations

1 Academy Conference Room

The Academy Conference Room, which is in the form of a lecture hall for education, has a capacity of 140 people and has been used for seminars and conferences.



5



3



2 Innovation Seminar Room

The Innovation Seminar Room, which has chairs with armrests, has a capacity of 35 people and has been used for educational seminars.

3 Development Meeting Room

The Development Meeting Room, featuring a “U” table, has a capacity of 20 people and has been used for small meetings.

4



4 Information Utility Room

The Information Utility Room has a capacity of 15 people and has been used for educational courses with computers.

5 VIP Meeting Room

The VIP Meeting Room has a capacity of 20 people and has been used for high-level roundtable meetings.

ENTERPRISE EUROPE NETWORK (EEN)

As one of the partners of East Marmara Network (EMN), ULUTEK provides free services to the SMES. The Enterprise Europe Network was formed in the context of Competitiveness and Innovation Programme (CIP) and continues in the Competitiveness of Enterprises and SMEs (COSME) project. The Enterprise Europe Network is the world's largest support network for SMEs with international aims. The Network has 3,000 experts across 600 member organisations in more than 60 countries.

This network provides active support regarding the SMEs, EU legislation, searches for the right partners in Europe, competitiveness and innovation skill development and provides opportunities to benefit from EU projects.

East Marmara Network Consortium Partners

- ▶ ULUTEK Technology Development Zone
- ▶ KOSGEB Bursa
- ▶ ABIGEM East Marmara
- ▶ BURSA Chamber of Commerce and Industry
- ▶ Eskişehir Chamber of Industry
- ▶ Kocaeli University Technopark

The main services of the network are as follows:

- ▶ Information services on technology, innovation, intellectual property rights and EU funding programs
- ▶ Workshops
- ▶ Business and Technology Reviews
- ▶ Technology Transfer
- ▶ International Partnering Services
- ▶ International B2B Events



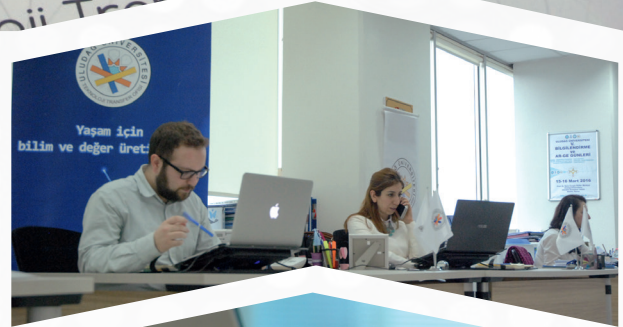




ULUDAG UNIVERSITY TECHNOLOGY TRANSFER OFFICE

Founded by ULUTEK, Uludag University Technology Development Zone Executive Inc. and Uludag University Support Foundation in 2012, Uludag University Technology Transfer Office (UUTTO), which has been funded under the TUBITAK 1513 Programme, has been active since 2014.

ULUTEK is active in the following areas: intellectual property rights protection, the determination of the university's information assets for launching the commercialization process, providing of information on University-Industry cooperation and counselling, organizing events for University-Industry collaboration,





the matching of researcher-industry sectors with public sectors, developing and coordinating support of University-Industry cooperation projects, and providing of information for entrepreneurship opportunities.

SOCIAL FACILITIES

Software Library

With respect to the Software Valley Project, which has library founded under ULUTEK, companies have recourse to software with free access.

Library

ULUTEK TBG employees and staff can benefit from the Uludag University library that is used by the university students, employees and academic staff.





Innovation for future



ULUDAĞ ÜNİVERSİTESİ
ULUDAĞ ÜNİVERSİTESİ
ULUDAĞ ÜNİVERSİTESİ

ULUTEK ENERJİ
ELİSTİME BÖLGESİ

Laboratories

Next to ULUTEK's main building, Uludag University Central Laboratory, is available. All of the companies in ULUTEK have the benefit of all the laboratories at Uludag University and of the reductions at the same rate of payment as the University staff.

Post Office

Branch Office (PTT), which serves Gorukle Campus is open from 08:30 a.m. to 5:30 p.m. In addition to Yapı Kredi, Garanti, Halkbank and Is Bank, there are ATMs for various banks.





Hospital

The Uludag University Faculty of Medicine Hospital is present on campus.

Food & Beverage

Lunch is available in the ULUTEK dining hall, and breakfast and other coffee services are available in the cafeteria in ULUTEK. In addition, there are restaurants and cafeterias for different types of food, such as hot food, fast food, pizza and kebab on campus.



Shopping

Sales units and stationeries of the Faculty of Veterinary and Agriculture, a photo shop, a hair salon and numerous kiosks provide their services to the campus.



Sports Facilities

Students, academic staff of Uludag University and ULUTEK TGB personel have the benefit of using the sports facilities at Uludag University.



Accommodation

A Holiday Inn Hotel and university accommodation are available on campus. There are small flats in Gorukle only 2 km from campus, and hotels are available in the city centre 15 km from campus.





Transportation

Gorukle Campus is on the Izmir Road and 15 km from the city centre. Transportation is available through buses or subway lines.

Transportation (ring) service is available for employees and staff working for ULUTEK Technopark in the morning, and in the evening, from the ULUTEK Main Building to the Uludag University subway station.



Innovation for future



Comfortable and easy access to every corner of Turkey



We have been leading technology for 10 years





Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future
Innovation for future



www.ulutek.com.tr
Uludag University Görükle Campus Nilüfer / BURSA
ulutek@ulutek.com.tr / Tel: +90 0224 280 84 00 / Fax: +90 0224 280 84 05



All Rights Reserved

Brochure Design Gültekin ERDAL / gultekinerdal@uludag.edu.tr