



KARADENİZ  
TECHNICAL UNIVERSITY  
Technology Transfer  
Application and Research Center

TTC

KARADENİZ TECHNICAL UNIVERSITY  
**TECHNOLOGY TRANSFER  
APPLICATION AND RESEARCH CENTER**

## GOALS



**Strengthening of Collaboration and Partnerships** among universities, public institutions, industry, and civil society through joint projects, consortia, and networking mechanisms.



**Enhancement of Access to National and International Funding Opportunities** through comprehensive support in project development, proposal writing, budgeting, and project management processes.



**Effective Management of Intellectual and Industrial Property Rights** arising from R&D and innovation activities, including patenting, trademarking, and related processes.



**Facilitation of Knowledge and Technology Transfer** from academia to industry, entrepreneurship ecosystems, and the public sector to generate social and economic value.



**Promotion of Entrepreneurship and Commercialization Culture** through support for pre-incubation, incubation, acceleration, investor engagement, and market-oriented processes.



**Advancement of the R&D and Innovation Ecosystem** by fostering multi-stakeholder interaction and supporting regional innovation-driven production capacity.

## TARGET GROUP



Academics



Business Representatives



Institutions and Organizations



Entrepreneurs



Students



Graduates

# SERVICES



## COMMUNICATION AND PROMOTION SERVICES

KTU TTC carries out effective communication and promotional activities to ensure that its work reaches a wide audience. Within this scope, it organizes social media management, press communications, preparation of visual and written promotional materials, training programs and informational meetings. The Center promotes its activities by establishing sustainable communication with internal and external stakeholders, raises awareness of academic outputs and contributes to the technology transfer ecosystem.





### **Making Achievements Visible and Congratulatory Mechanisms**

The achievements of researchers, entrepreneurs and students are regularly shared and visibility is enhanced through social media, the website, and newsletters. In addition to promotion in the national and local press, special visuals and congratulatory events are organized for patented inventions and registered projects.



### **Calls, Funds and Announcements**

National and international project calls, grant opportunities and collaboration opportunities are regularly announced. Information targeting researchers, entrepreneurs, students and the business community is shared via social media, the website and e-newsletters.



### **Trainings, Information Events and Experience Sharing**

Training and consultancy programs on project preparation for national and international programs, entrepreneurship, intellectual property and commercialization are offered. Knowledge and Experience Sharing Days are organized with expert speakers and best practice examples for the target group. Reports and publications are prepared and published in the fields of R&D, innovation-focused ecosystems, and technology transfer.



### **Publication Activities**

Reports and publications are prepared and published in the fields of R&D, innovation focused ecosystems and technology transfer.

## PROJECT SUPPORT SERVICES

KTU TTC increases researchers' interest in and demand for utilizing various national and international funding sources and provides support in transforming research ideas into projects. In this way, it strengthens the university's research infrastructure by increasing the number of national and international projects undertaken.





## Call and Academic Project Matching

Current project and grant calls for national and international support programs are regularly reviewed and shared with researchers. Researchers are identified based on the thematic areas covered by the calls and desk reviews, email notifications, academic visits and thematic group meetings are carried out with those whose profiles are aligned with the calls.



## Guide Researchers to Suitable Funding Sources

Within the scope of researchers' project ideas and needs (such as eligible expenditure items, budget, and project duration), identification of and guidance to suitable regional, national and international funding sources (e.g., TÜBİTAK, TÜSEB, Horizon Europe, Erasmus+) to which they can apply is provided.



## Pre-Review and Redaction of Project Proposals

The written project proposals prepared by researchers are reviewed and suggestions and comments for necessary improvements and corrections are provided. This process contributes to making the applications stronger and more competitive.



## Technical Support in the Project Preparation Process

Support is provided to researchers during the stages of idea development, project preparation, budgeting, partner search and consortium formation and submission to the application portal for regional, national, and international funding sources.



## Implementation of Internationalization Strategies

To support researchers' access to international funding sources and participation in collaborative networks, mentorship is provided for the application processes of international programs, primarily Horizon Europe, Erasmus+, TÜBİTAK, and COST Actions. Project development training is organized, and partner search platforms are regularly reviewed to encourage participation in international consortia.



## Administrative Support and Consultancy

Comprehensive administrative support and consultancy are provided during the execution phase of national and international projects undertaken by our University's researchers. This service contributes to the effective and seamless management of project processes.

## UNIVERSITY BUSINESS WORLD COOPERATION SERVICES

KTU TTC contributes to the commercialization of academic research outcomes and supports the transformation of scientific knowledge into economic value by guiding the business sector toward R&D and innovation activities. Within this scope, sustainable collaboration mechanisms are developed between academics and the business community.





### **University Business World Meetings for Collaboration and Partnerships**

By bringing together academics and representatives of the business community, opportunities are provided for promoting research, generating academic solutions to technical problems and developing innovative collaborations.



### **Matchmaking Activities to Bring Together Academia and the Business World**

The R&D needs of the business community are identified and appropriate academics are matched accordingly. In this way, academic knowledge is transformed into added value, while academics are provided with the opportunity to implement and commercialize their projects.



### **Sustainable Collaborations Through Project Development and Technical Support**

Support is provided to academics and business representatives during the processes of joint project development, management and monitoring. In this way, collaborations are transformed into tangible outputs; academics can effectively implement their projects, while companies can sustain their R&D activities more efficiently.



### **Integration of Undergraduate and Graduate Research into the Business World**

By directing undergraduate and graduate thesis studies toward the business world, a contribution is made to the commercialization of academic knowledge. Within this scope, guidance is provided on private sector-supported and publicly funded programs (e.g., TÜBİTAK, KOSGEB), company matching and project proposal writing support.



### **Supporting Administrative Processes in Business World Collaborations**

Mediation is provided for the preparation of partnership, service and consultancy agreements on behalf of the university during the process of transferring academic knowledge to the business sector. Active support is offered to researchers in the stages of initiating, executing and concluding administrative processes.

## INTELLECTUAL AND INDUSTRIAL PROPERTY RIGHTS MANAGEMENT SERVICES

KTU TTC strengthens the university's intellectual property portfolio and contributes to the protection of domestic technologies by ensuring that the inventions of researchers and students are safeguarded at both national and international levels.





## Support Services for Intellectual Property Processes

The identification of assets that may be subject to intellectual property for researchers at our university and the monitoring of legal protection processes for the relevant intellectual and industrial property rights are ensured. Within the scope of consultancy services, confidentiality agreements are prepared and necessary measures are taken to prevent the unauthorized use of information by third parties.



## Preliminary Patentability Assessment

Conducting a preliminary search prior to filing applications for patents, utility models, designs and similar inventions is essential for assessing the novelty and inventive step of the invention. Through a preliminary search, information is obtained on the patentability/protectability of the invention and the criteria of novelty are evaluated.



## Intellectual and Industrial Property Rights Administrative and Financial Processes

The preparation of files, application follow-up, post-registration processes and payment procedures related to patent, utility model and design applications are carried out, providing comprehensive support to researchers on administrative and financial matters.

National Patent Search  
TÜRKPATENT



International Patent Search  
Espacenet



International Patent Search  
Google Patent Advanced Search



## ENTREPRENEURSHIP AND COMMERCIALIZATION SERVICES

KTU TTC aims to promote a culture of entrepreneurship by offering support to researchers, students and entrepreneurs during the processes of business idea development, company incorporation, matching with investors, technical assistance and project development. It aims to commercialize innovative ideas and integrate qualified individuals into the entrepreneurship ecosystem by preparing generated technologies for the market, creating strategic plans and connecting them with relevant stakeholders.





## TÜBİTAK 1812 BiGG Investment Implementing Organization

KTU TTC is an authorized implementing organization within the scope of the TÜBİTAK 1812 BiGG Investment Programme. It develops technology based business ideas with support such as training and mentorship and facilitates access to the relevant funding.



### Analysis and Validation of Innovative Business Ideas

Entrepreneurs' business ideas are analyzed in terms of technology level, market dynamics and competitive conditions, and support is provided for their validation.

### Mentorship Support for Entrepreneurs

One-on-one support is provided to entrepreneurs with technological and innovative business ideas, offering guidance on business model development, business plan preparation and enhancing the commercialization potential of their ideas. Guidance is also provided regarding access to national and international grant programs, incentives and investment funds to support the commercialization and growth of ventures.



### Consultancy Support in Incorporation Processes

Guidance is provided regarding company establishment, legal structures, tax obligations, and other official procedures required by entrepreneurs during the commercialization of their business ideas; necessary referrals and informational support are also offered.



### Support for the Commercialization Processes of Ventures

Support is provided for bringing technology based ideas, products, and services developed by entrepreneurs to the market. Intellectual property and technology based business ideas in the portfolio are promoted at national and international levels and commercialized to create added value.



- **Technology Promotion:** Technologies within the commercialization portfolio are promoted to potential stakeholders through one-on-one meetings, targeted presentations and technical documentation.
- **Bridge to the Business World:** Ventures are connected with the business sector through commercialization-focused company meetings and site visits, enabling the development of technologies that meet industry needs.
- **Access to Investor Network:** Investment acquisition processes are supported through connections with investor networks, as well as special presentation and mentorship support.
- **Licensing and Transfer:** Legal and administrative support is provided during the licensing and/or transfer processes of technologies suitable for commercialization. Furthermore, risks are mitigated and guidance is provided regarding grant programs that facilitate the private sector's access to patented technologies.

## NETWORKING AND COLLABORATION SERVICES

KTU TTC develops strategic collaborations and ensures their sustainability with public institutions, the business sector, technology transfer interface structures and non-governmental organizations. By establishing joint working mechanisms at regional, national and international levels, it contributes to giving research, innovation and technology transfer processes a systematic and strategic structure.





### **Support for Participation in Networking Mechanisms**

Coordination is provided in the networking processes targeting the Center's target group, and joint studies are conducted by developing collaborations with national and international technology transfer interface structures.



### **Collaborative Project Development with Stakeholders**

Support is provided for the establishment of R&D, innovation and technology transfer focused structures within legal entities operating in academia, the public sector, the business world and civil society. Through these structures, matchmaking is conducted, ensuring the development and implementation of projects and collaborations with the target group.



### **Building Sustainable University–Business World Collaboration**

Matchmaking is conducted between academia and the public sector, the business world and civil society at regional, national and international levels. The identification of common ground, consortium formation and the establishment, execution and sustainability of collaborations are coordinated and support is provided to the target group in these processes, as well as in gaining access to various networking mechanisms.



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+90 (462) 377 4600

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