



TECHNOLOGY  
TRANSFER  
OFFICE

ANNUAL REPORT 2015

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## PREFACE

### Director's Message

Technology Transfer Office (TTO) at Özyeğin University (ÖzÜ) delivered an exceptionally strong performance in 2015, in both quantitative and qualitative terms. Our activities include identifying research funding opportunities, developing university industry partnerships, research outputs with commercial potential, managing University's intellectual property portfolio and entering into commercial licensing deals.

By the end of 2015, the volume of sponsored research has reached approximately 51 Million TL. There is a dramatic increase in large-scale projects at ÖzÜ in 2015. These large-scale projects secured funding from TÜBİTAK Programs, İstanbul Development Agency (İSTKA), and the EU Horizon 2020 Program.

In addition to having a remarkable grants portfolio, ÖzÜ TTO has found creative ways of improving and strengthening its connections with industry. In 2015, we launched two unique university industry partnership programs: Vestel Academy and Turkcell Academy. These programs successfully yielded in several projects including SANTEZ, TEYDEB, ARDEB and EU Horizon 2020, two chair positions and several invention disclosures.

In 2015, ÖzÜ filed 13 new patent applications and by the end of 2015 ÖzÜ has 27 patent applications, three utility patent applications, and additional six country designations in national phase of a PCT application.

Özyeğin University believes in the power of IP protection for commercialization and raises awareness at the university for proper protection models. As a result of these efforts, ÖzÜ researchers attracted several venture capital funding agents and efforts to get investments for ÖzÜ's patented technologies are in progress.

One of ÖzÜ spinoffs, eBrandvalue, created notable success story in 2015. eBrandvalue focuses on helping marketers interrogate social data to increase the value of a brand. It is the one and only company, which has revenue and customer from Turkey, admitting to Y-Combinator in the US with a chance of 1-1,5% admission rate. After Y-Combinator, it is ranked as "top ten entrepreneurs" around the world in Cannes Lions, and selected as a partner of Innovation Academy. We believe that the exit of eBrandvalue from ÖzÜ is source of a pride for both ÖzÜ and Turkey.

Özyeğin University's growing performance throughout the years, reputation and recognition resulted from the hard work of the University's faculty members and the drive of TTO staff. We are proud to present this report, describing in more detail the activities throughout the year and our leading involvement in the national innovation community.

Sincerely yours,

Nilay Papila, PhD

# SECTION I

## SPONSORED RESEARCH PROJECTS

THIS SECTION FOCUSES ON SPONSORED RESEARCH PORTFOLIO OVERVIEW FOR THE YEARS 2009–2015 AND ZOOMS INTO FISCAL YEAR 2015.

## SECTION I SPONSORED RESEARCH PROJECTS

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### 1.1 Background and Overview

The main target of Özyeğin University (ÖzÜ) is to be one of the premier entrepreneurial research universities of Turkey. ÖzÜ whose mission is to create, share, and apply knowledge in the service of society fully believes in generating economic and social benefits to the society, and aims at conducting research at the highest international levels of excellence and contributing for a better society through innovation.

In this regard, sponsored research activities conducted at ÖzÜ and full support of Technology Transfer Office (TTO) at ÖzÜ faculty integrate all three sides of knowledge and innovation: higher education, research, and industry. Hence, researches at ÖzÜ play a crucial and indispensable role for the accomplishment of goals, and missions of university.

### 1.2 Statistics in 2015

The tables and charts given below provide the research trends that have been taking place at ÖzÜ in the last seven years period (2009-2015) with a special insight of 2015. All the figures and tables in this report are given in Turkish Liras (TL) and the exchange rate is fixed as 3,14 for Euro and 2,89 for USD.

The sponsored research volume of ÖzÜ has grown steadily from 1.8 Million TL in 2009 to 8.3 Million TL in 2011, to 24.8 Million TL in 2013 and it doubled in 2015. During 2015, the total research funds received by ÖzÜ reached 51.3 Million TL. Figure 1 details the cumulative research funds and Figure 2 shows the distribution of grants and industry partnerships between 2009 and 2015.

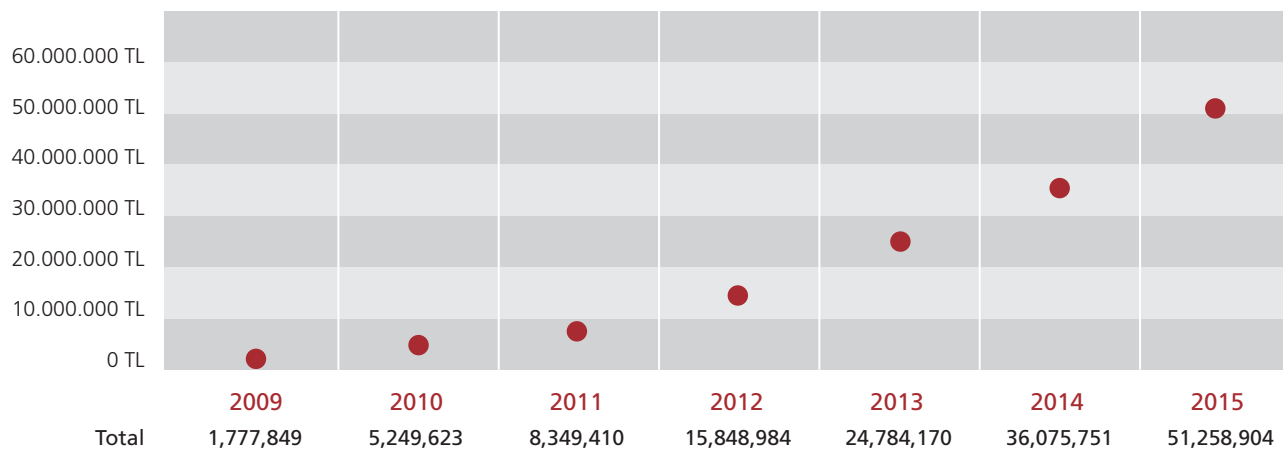


Figure 1. ÖzÜ Cumulative Research Funds (TL) 2009-2015

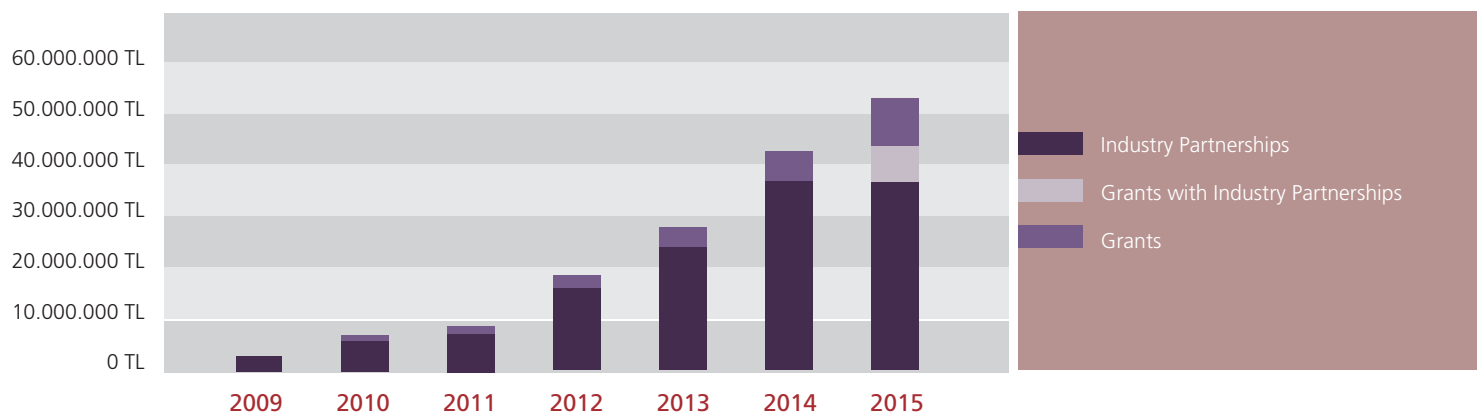


Figure 2. Grants and Industry Partnerships Distribution (TL) 2009-2015

### 1.3 ÖzÜ Total Research Funds by Sponsors

A remarkable part of the ÖzÜ's research funding comes from national funding agencies (65%). The rest comes from international funding institutions, which are essential in funding endeavors that provide the perfect complement to the national investment in research. National and international funding rates were almost equal in 2014.

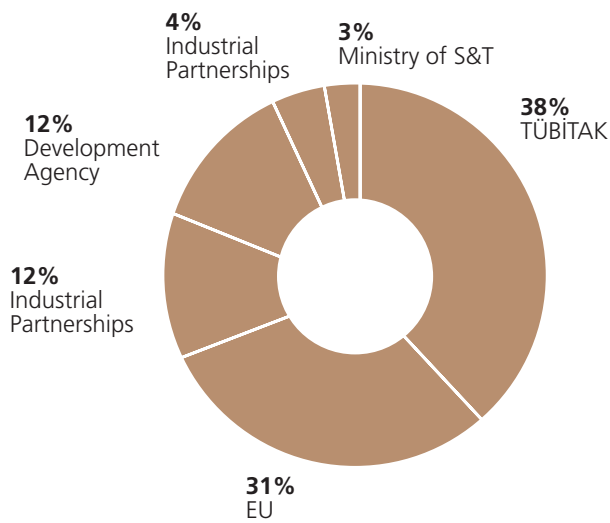


Figure 3. ÖzÜ Total Research Funds by Sponsors (2009-2015)

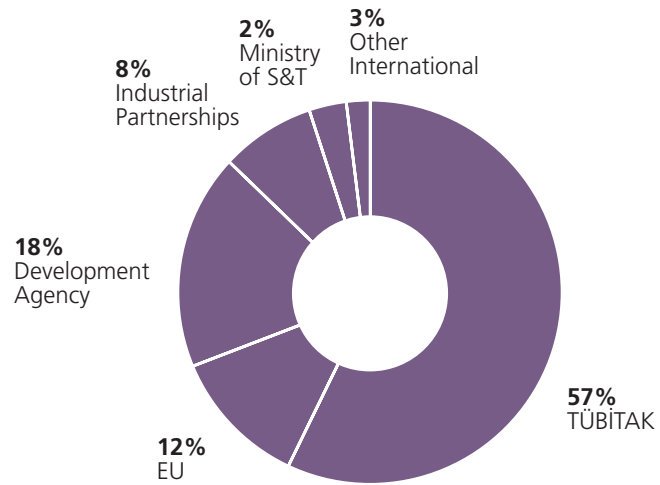


Figure 4. ÖzÜ Total Research Funds by Sponsors (2015)

### University Industry Partnerships

Özyeğin University researchers interacted 135 companies with more than 400 meetings by the end of 2015. These interactions yielded in 34 new R&D projects supported by industry and/or submitted to SANTEZ, ARDEB, TEYDEB, and Horizon 2020 Programs in 2015.

### 1.4 7 -Year History by Sponsors\*

Table 1. Research Funding by Sponsors (TL) 2009-2015

Sponsors	2009	2010	2011	2012	2013	2014	2015	2016**	Total
TÜBİTAK	551.695	1.351.205	1.725.043	726.225	1.682.496	4.549.884	3.666.854	5.021.593	19.274.995
EU	864.655	1.572.100	996.428	5.466.119	2.629.500	2.325.502	1.178.182	506.766	15.539.251
Other International	0	0	2.835	530.837	739.745	577.731	424.250	169.148	2.444.546
Development Agency	0	0	0	0	2.514.000	980.000	2.792.474	0	6.286.474
Ministry of S&T	100.456	0	0	223.930	648.122	270.693	274.939	0	1.518.140
Industry Partnerships	0	548.469	274.400	552.464	721.324	2.538.871	1.093.284	35.663	5.764.475
Awards	261.043	0	101.081	0	0	48.901	20.000	0	431.026
Total	1.777.849	3.471.774	3.099.787	7.499.574	8.935.186	11.291.581	15.183.154		51.258.904
Cumulative	N/A	5.249.623	8.349.410	15.848.985	24.784.170	36.075.751	51.258.905	51.258.905	

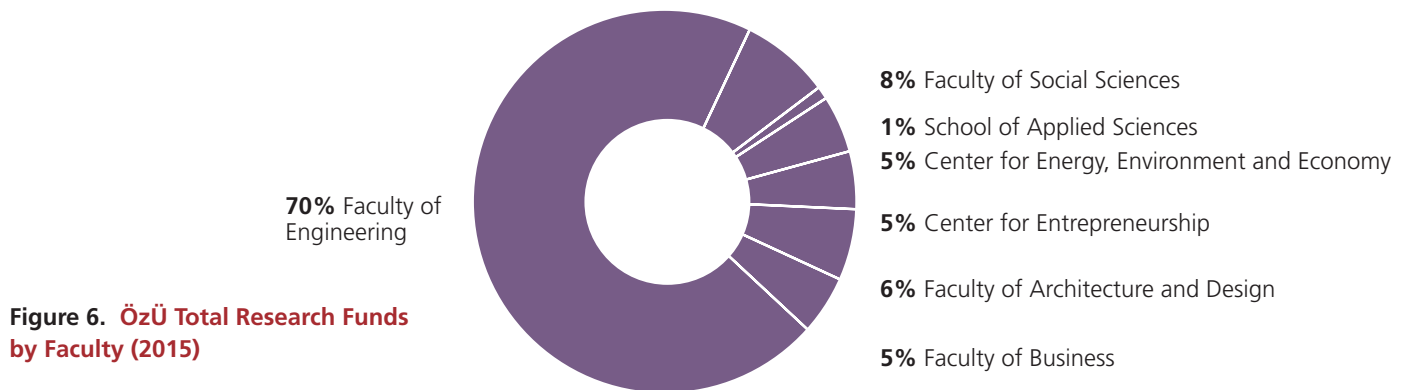
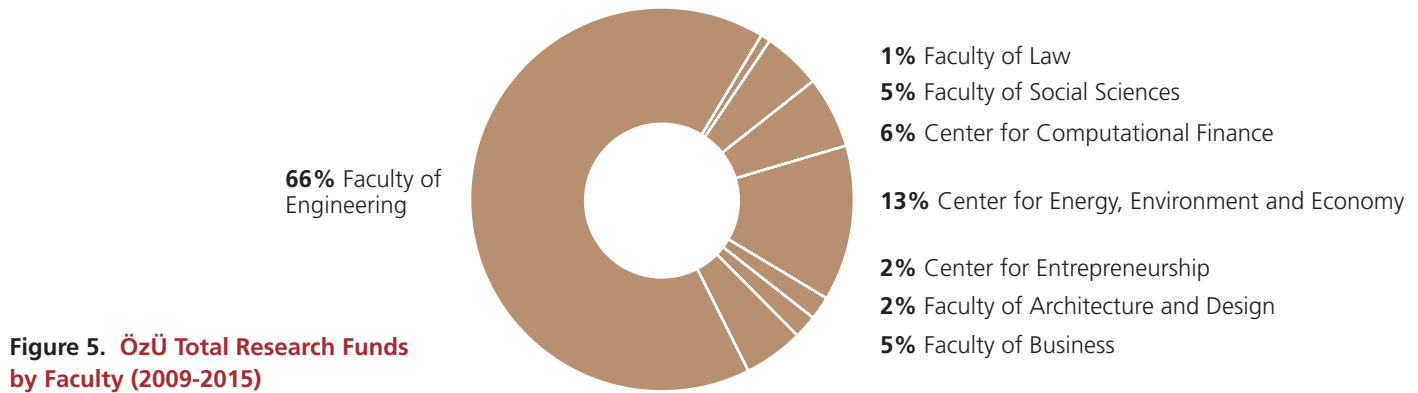
\*The details of the project can be found in Section IV - LIST OF SPONSORED RESEARCH PROJECTS (2009-2015)

\*\*These projects were proposed and accepted in 2015, their expected start date will be in 2016.



## 1.5 ÖzÜ Total Research Funds by Faculty

The Faculty of Engineering at ÖzÜ is the leading academic unit in terms of the total sponsored research fund received between 2009 and 2015 with the share of 66%. The Figure 5 demonstrates that the rest of the distribution. Similarly, in 2015, Faculty of Engineering has the biggest share (70%) as shown in Figure 6. Faculty of Architecture and Design, Center for Entrepreneurship and Faculty of Social Sciences increased their share in 2015 considerably.



## 1.6 7-Year History by Faculty and Schools

**Table 2. Research Funding by Faculty and Schools (TL) 2009-2015**

Center / Faculty/ School	2009	2010	2011	2012	2013	2014	2015	2016*	Total
Center for Computational Finance	28.901	0	0	0	739.000	2.184.400	0		2.952.301
Center for Energy, Environment and Economy	0	5.315	732.644	4.048.927	1.414.741		683.864		6.885.490
Center For Entrepreneurship	0	0	0	468.872	0	70.000	711.387		1.250.259
Faculty of Architecture and Design	0	0	0	0	0	234.808	542.552	416.000	1.193.360
Faculty of Business	314.420	227.375	78.901	233.709	273.030	656.243	521.978	169.148	2.474.804
Faculty of Engineering	1.434.528	3.107.014	2.288.242	2.748.066	6.508.415	6.651.445	6.017.920	4.641.256	33.396.887
Faculty of Law	0	0	0	0	0	275.247			275.247
Faculty of Social Sciences	0	132.070		0		1.219.438	686.111	506.766	2.544.385
School of Applied Sciences	0	0	0	0	0		227.055		227.055
School of Aviation	0	0	0	0	0		19.116		19.116
TTO							40.000		40.000
Cumulative	1.777.849	3.471.774	3.099.787	7.499.574	8.935.186	11.291.581	15.183.154		51.258.904

\* These projects were proposed and accepted in 2015, their expected start date will be in 2016.

# SECTION II

## INTELLECTUAL PROPERTY MANAGEMENT AND COMMERCIALIZATION

## INTELLECTUAL PROPERTY MANAGEMENT AND COMMERCIALIZATION

Founded with “entrepreneurial research university” vision and mission to create, share, and apply knowledge in the service of society, patents and other means of IP rights render a vital part of the innovation activities realized at ÖzÜ. Inspired by the innovative and entrepreneurial culture of Özyeğin University, ÖzÜ TTO gives an utmost importance to develop new technologies and expand its IP portfolio to provide new and sought-after products and technologies for the society and industry. Despite its young age and relatively small size in terms of number of faculty, ÖzÜ holds 27 patent applications, 3 utility patent applications, and additional 6 country designations in national phase of a PCT application since 2013. In 2015, ÖzÜ filed 13 new patent applications.

As a notable commercialization outcome, one of ÖzÜ’s spin-offs, eBrandvalue, created a spinoff success story. eBrandvalue focuses on helping marketers introgate social data to increase the value of a brand. It is the one and only company, which has revenue and customer from Turkey, admitting to Y-Combinator in the US with a chance of 1-1,5% admission rate. After Y-Combinator, it is ranked as “top ten entrepreneurs” around the world in Cannes Lions, and selected as a partner of Innovation Academy.

In addition, ÖzÜ researchers attracted several venture capital funding agents and efforts to get investments for ÖzÜ’s patented technologies are in progress.

### 2.1 Patents

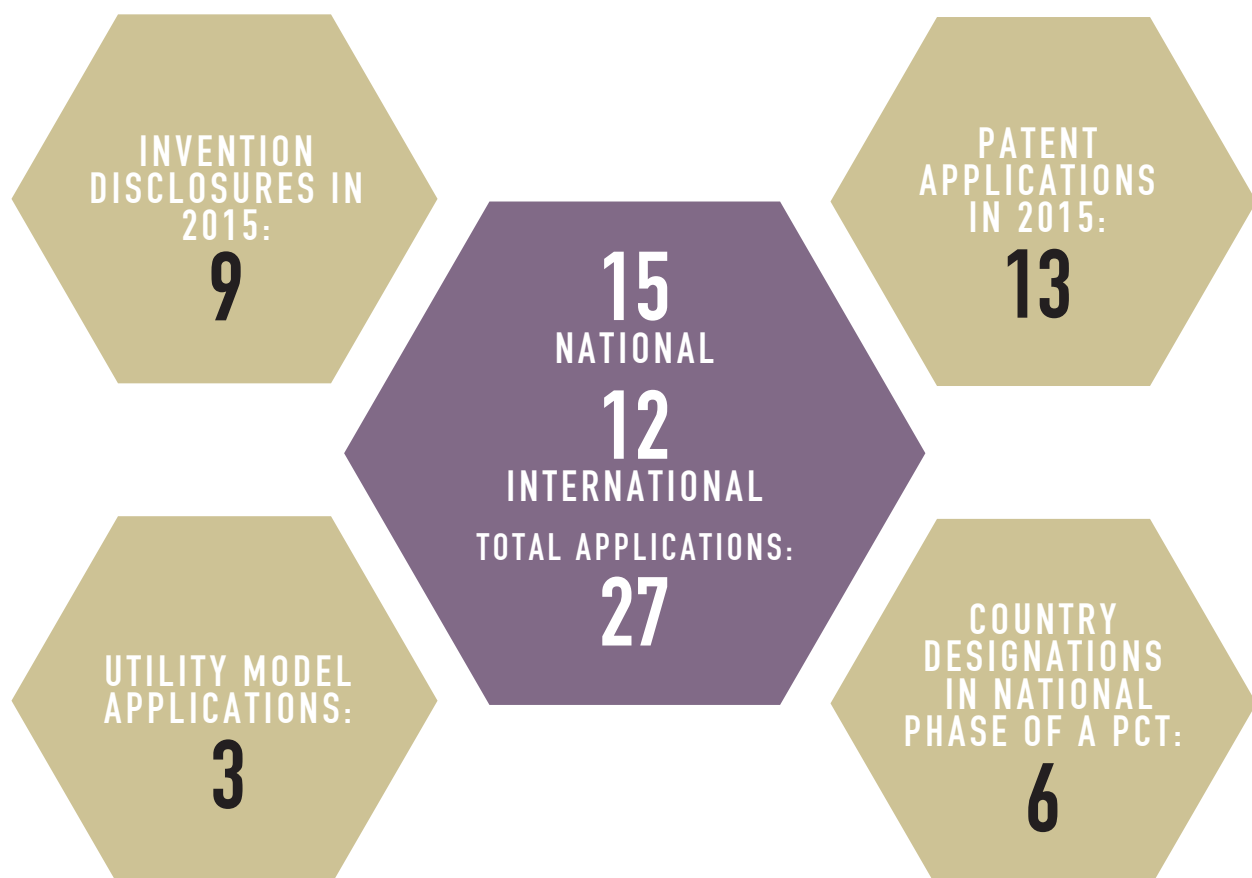


Figure 7. Patent Applications issued in ÖzÜ between 2009–2015

# SECTION III

## ÖzÜ's LARGE-SCALE PROJECTS IN FY2015



## Optic Wireless Communication Excellence Center

Optic Wireless Communication is one of the most recent and vital technological fields, which has a huge potential of opening a new era in communication sector. In this sense, the purposes of this project are to create a common space for technology and knowledge transfer and production as well as cooperated research projects and R&D activities and to facilitate the production of solutions for optic wireless communication by local facilities through industry – university partnership. In line with the recent development in the world, Istanbul urgently needs a large and developed R&D infrastructure to actively involve in this advanced and knowledge-intensive technological area, and to manufacture high-tech optic wireless communication based products and services with a high added value. In full accordance with the general objective of the project, Optic Wireless Communication Excellence Center (OKATEM) aims at establishing an R&D infrastructure with a high capacity to compete similar institutions all around the world.

(ÖzÜ Coordinator: Prof. Murat Uysal, Sponsor: ISTKA, Total Budget: 1.373.479 TL)

## International Training, Certification and Development Center for LED

The main purpose of this project is to contribute to the efforts to improve advanced technological developments such as energy efficiency LED technologies and to turn them into economical profits. Furthermore, the project aims at fostering industry, academia, and public sector partnership to facilitate technology transfer and to create a common ground for collaboration for further projects, and contribute to the advanced energy-efficient LED and electronics technological implementations in order to improve the quality of life in Turkey and globally. This project also seeks to improve the quality of service and technologies of industry by making a contribution to the transformation of LED Sector in Turkey. Finally the project also aims at integrating Turkish academia and industry to the world of LED Technologies at global level. As a part of project activities, it is aimed at developing and manufacturing advanced LED Technologies in Turkey by creating common work platforms and laboratories for universities and industry and designing new strategies towards technologies with high added value.

(ÖzÜ Coordinator: Assoc. Prof. Mehmet Arık, Sponsor: ISTKA, Total Budget: 1.072.555 TL)

## KGYS Smart Support Software Development Project

In this project, computer vision and machine learning will be adapted for human and object motion tracking, human detection, and recognition, as well as, object detection and tracking. A comprehensive application that is built on established database architecture will be developed for facilitating the access of valuable information by simple cues. System architecture will be designed for supporting multi-core CPUs for optimum resource usage. Finally, operators will easily be able to jump between important alarm triggers such as illegal zone accesses, leftover dangerous objects, etc. This research will generate publications in multiple fields, including machine learning, computer vision, image processing, multi-core optimization, and parallelization. The knowledge and technological progress that this research will generate will benefit the students at the Turkish institutes involved in this project, as well as greater general Turkish scientific community. This project aims for the state-of-the-art performances presented in the literature for respective algorithms and improve them whenever possible. The results of the project are expected to increase Turkey's international esteem and visibility in the fields of computer vision, machine learning, and parallelization.

(ÖzÜ Coordinator: Asst. Prof. Furkan Kırac, Sponsor: TÜBİTAK 1007, Total Budget: 1.500.703 TL)

## Development of a Domestic Urea Injection System and Its Engine Tests

In a collaborative R&D project, ÖZÜ Mechanical Engineering Department and Ford Otosan R&D center, which is the largest and the most competitive R&D center among all automotive industries in Turkey, will develop components for the future low-emission diesel engine. Investigations and developments, which are related to fluid mechanics, systems control, optical measurement technologies, material design and production technologies will be conducted in a complementary manner, so that the know-how on the design and testing of critical components can be attained. The project will be led by Asst. Prof. Dr. Özgür Ertunç and supported by Asst. Prof. Özkan Bebek (researcher), Asst. Prof. Güney Güven Yapıcı (researcher), Prof. Dr. Pinar Mengüç (consultant), Prof. Dr. Orhan Alankuş (consultant, Okan University) and engineers of FORDOtosan. With the help of 2.3 Million TL budget, 4 doctoral and numerous masters and undergraduate students will be educated in this field. Moreover, modern and unique test systems will be established to analyze the performance of developed components.

(ÖZÜ Coordinator: Asst. Prof. Özgür Ertunç Sponsor: TÜBİTAK 1003, Total Budget: 3.415.848 TL)

## TRIBE: Total Renovation Strategies for Energy Reduction in Public Building Stock

TRIBE project aims to contribute to a citizens' behaviour change towards energy efficiency in public buildings, through their engagement in the experience of playing a social game, linked by ICT to real time data collected from 5 pilot buildings hosting around 1.300 regular users (employees, tenants...) and almost 12.000 eventual users (visitors). The targeted average energy savings in the pilots is 24,8% of the current energy consumption. TRIBE project will carry out serious game aims to engage more than 750.000 players by the end of the project, involving users of the targeted pilot facilities and their social networks. As a result of the analysis and developments accomplished using the pilot cases of the TRIBE project, and in addition to the game that will serve to collect all the relevant information, a whole and very broad number of tools and guidelines named TRIBE pack will be set up to be used by public building tenants and owners. The goal is foster the spread of the public building users behaviour change as well as to support the deployment of ICTs for energy efficiency among public building owners and operators.

(ÖZÜ Coordinator: Prof. Pinar Mengüç, Sponsor: EU – HORIZON2020, Total Budget: 217,500 EUR)

## PLOTINA: Promoting Gender Balance and Inclusion in Research, Innovation, and Training

PLOTINA's aim is to foster excellence and social value of innovations in research, by preventing the possible waste of female unstated talents and ensuring diversification of views and approaches (taking into account the gender dimension) in research within the 48 months allotted by the call. The project is particularly significant because despite the increase in the number of female researchers in Turkey and in Europe, and the fact that they mainly tend to work in the public sector, e.g. in the Universities, few of them have an equal opportunity to make a contribution and enjoy the benefits of a scientific career. Alongside the phenomenon of vertical segregation, also known as the "glass ceiling", widespread horizontal segregation leads the majority of females to be grouped in certain types of occupations, and, in general, the higher the position in the hierarchy, the lower the percentage of women. This lack of gender balance potentially limits the international competitiveness of research and the expression of the maximum of excellence. Accordingly, one aim of the PLOTINA project is to develop, implement, disseminate and measure the impact of novel Gender Equality Plans (GEPs). These GEPs will be designed in order to reduce the gender gaps in recruitment, retention career progression and decision-making processes in all occupational environments including the academia. The success of the implementations will be measured according to the sustainable cultural changes they will bring about for our institutions. Successful ideas will be shared with the public so that they can set examples for other institutions and countries. Moreover, the second goal of PLOTINA is to increase gender awareness in the scientific research practice. The inclusion of gender/sex dimensions in all types of studies, from basic research on mental mechanisms to the development of consumer goods, will not only broaden our understanding of interesting phenomena, but also motivate students and researchers to view their topic of study with a new perspective, i.e. gender. In short, PLOTINA will serve to establish more gender equality in the academia, and promote the practice of gender aware science.

(ÖZÜ Coordinator: Dr. Alper Acik, Sponsor: EU - HORIZON2020 , Total Budget: 155,937 EUR)

# **SECTION IV**

## **LIST OF SPONSORED RESEARCH PROJECTS IN FY2015**

## SECTION IV LIST OF SPONSORED RESEARCH PROJECTS IN FY2015

THIS SECTION PRESENTS THE LIST  
OF SPONSORED PROJECTS (2015)  
SUMMARIZED IN STATISTICAL DATA  
AND TABLES AS COMPILED BY TTO.

### LIST OF SPONSORED RESEARCH PROJECTS

**Table 3. Research Projects of Faculty of Engineering**

Title of the Project	Coordinator	Sponsor	Budget
Design and Development of an Upper Limb Exoskeleton Robot with Series Elasticity and High Torque Density	Barkan Uğurlu	TÜBİTAK	26.500,00 TL
High Resolution Color Camera Design	Tanju Erdem	TÜBİTAK	7.000,00 TL
SUASİS - ÖzÜ Collaboration Project	Murat Uysal	Industry	354.001,18 TL
Development of a Domestic Urea Injection System and Its Engine Tests	Özgür Ertunç	TÜBİTAK	2.238.000,00 TL
Vestel - ÖzÜ Collaboration Project	Görkem Yılmaz	Industry	62.763,49 TL
Vestel - ÖzÜ Collaboration Project	Burhan Gülbahar	Industry	103.320,38 TL
International Training, Certification, and Development Center for LED	Mehmet Arık	İSTKA	1.072.555,00 TL
EGEMSOFT - ÖzÜ Collaboration Project	Gonca Gürsun	Industry	50.839,00 TL
Turkcell - ÖzÜ Collaboration Project	Cenk Demiroğlu	Industry	20.477,00 TL
Trust-based fusion of uncertain information from diverse sources - 3	Murat Şensoy	Other	231.208,00 TL
Investigating of the Low Temperature Mechanical Properties of Magnesium Alloys Developed by Thermo-mechanical Processing	Güven Güney Yapıcı	TÜBİTAK	289.500,00 TL
Datart - ÖzÜ Collaboration Project	Ömer Erhun Kundakçioğlu	Industry	0,00 TL
Turkcell - ÖzÜ Collaboration Project	Hasan Sözer	Industry	15.186,00 TL
Semiz Elektronik - ÖzÜ Collaboration Project	Mustafa Furkan Kırac	Industry	62.540,00 TL
Daily Operating Room Planning With Sequence and Resources Dependent Stochastic Surgery Times	Enis Kayış	TÜBİTAK	152.701,00 TL
Inventory Management and Transshipment Policies for Drugs with No Annual Contract in Pharmaceutical Supply Chain Planning Under Uncertainty	Ömer Erhun Kundakçioğlu	TÜBİTAK	281.700,00 TL
Utilization and Effectiveness of a Cell Separation Technology (LeukoChip) for Easier Radionuclide Labeling of Leukocytes'	Emre Özkumur	TÜBİTAK	594.000,00 TL
Modeling and Analysis of Radio Frequency Energy Harvesting and Transmitting Cognitive Sensor Networks with Markov Chains	Ali Özer Ercan	TÜBİTAK	254.047,00 TL
Optic Wireless Communication Perfection Center	Murat Uysal	İSTKA	1.373.479,00 TL
Standard Profil - ÖzÜ Collaboration Project	Bahar Başım	Industry	37.915,14 TL
MSCA IF Pre-evaluation Support	Gonca Gürsun	TÜBİTAK	2.419,73 TL
Mohamed Oussama Damen Research Visit	Murat Uysal	TÜBİTAK	7.850,00 TL



## LIST OF SPONSORED RESEARCH PROJECTS

**Table 3. Research Projects of Faculty of Engineering**

Title of the Project	Coordinator	Sponsor	Budget
Vestel - ÖzÜ Collaboration Project	Hasan Sözer	Ministry of S&T (SANTEZ)	85.260,00 TL
FARBA - ÖzÜ Collaboration Project	Mehmet Arık	Industry	5.310,00 TL
BESTAS - ÖzÜ Collaboration Project	Mehmet Arık	Industry	944,00 TL
Spoofing attacks to speaker verification systems using hidden Markov model based noisy speech synthesis	Cenk Demiroğlu	TÜBİTAK	30.000,00 TL
BOSH Termoteknik - ÖzÜ Collaboration Project	Özgür Ertunç	Industry	108.704,52 TL
KGYS Smart Support Software Development Project	Mustafa Furkan Kırac	TÜBİTAK	1.500.000,43 TL
BİTEK - ÖzÜ Collaboration Project	Elvin Çoban	Industry	42.480,00 TL
International Field Reversible Thermal Conenctor (RevCon) Challenge	Mehmet Arık	Other	21.675,75 TL
International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS)	Murat Şensoy	TÜBİTAK	20.000,00 TL
Horizon 2020 Project Development Training	Pınar Mengüç	TÜBİTAK	3.409,30 TL
Vestel - ÖzÜ Collaboration Project	Mehmet Arık	Ministry of S&T (SANTEZ)	189.679,35 TL
An Integrated Solution Method and its Applications for the Inventory Routing Problem	Ali Ekici	TÜBİTAK	336.750,00 TL
FARBA - ÖzÜ Collaboration Project	Mehmet Arık	Industry	10.443,00 TL
Topographic Prediction Based Energy Management for Electric Vehicles	Hasan Fatih Uğurdağ	TÜBİTAK	265.743,00 TL
REENGİN - ÖzÜ Collaboration Project	Ömer Erhun Kundakçioğlu	Industry	2.950,00 TL
Nonlinear Decision Rules	İhsan Yanıkoğlu	TÜBİTAK	18.370,00 TL
DOCOMO - ÖzÜ Collaboration Project	Oğuz Sunay	Industry	21.675,75 TL
Information Technology Management Platform (BTYP) - ÖzÜ Collaboration Project	Hasan Sözer	Industry	45.000,00 TL
RDC PARTNER - ÖzÜ Collaboration Project	Murat Şensoy	Industry	5.900,00 TL
Gyroscopes Based on Acoustic Waveguides	Göksemin Yaraloğlu	TÜBİTAK	558.148,00 TL
Coordinator for Horizon 2020 Support Program	Mehmet Arık	TÜBİTAK	13.171,44 TL

## LIST OF SPONSORED RESEARCH PROJECTS

**Table 4. Research Projects of Center for Energy, Environment and Economy**

Title of the Project	Coordinator	Sponsor	Budget
TRIBE -Training Behaviours towards Energy Efficiency: Play it!	Pınar Mengüç	H2020	683.863,50 TL

**Table 5. Research Projects of Faculty of Social Sciences**

Title of the Project	Coordinator	Sponsor	Budget
The Influence of Cultural Factors on Trust in Automation	Asiye Kumru	Other	130.054,50 TL
The British Council Research Travel Grant	Deniz Yonucu	Other	41.311,95 TL
Promoting Gender Balance and Inclusion in Research, Innovation and Training	Alper Açık	H2020	506.765,69 TL
Improving Mother-child Attachment Relationship with Circle of Security Parenting Training Program	Gizem Arkan	TÜBİTAK	349.762,00 TL
Adolescents' disclosure to their parents: Individual and familial predictors and positive development	Ayfer Dost Gözkan	TÜBİTAK	144.983,00 TL
Science Academy's Young Scientists Program Award (BAGEP)	Berna Zengin Arslan	Award	20.000,00 TL

**Table 6. Research Projects of Center for Entrepreneurship**

Title of the Project	Coordinator	Sponsor	Budget
MakerLab	İhsan Elgin	İSTKA	346.440,00 TL
Individual Young Entrepreneur Accelerator Program	Yasemin Eren	TÜBİTAK	364.947,00 TL

**Table 7. Research Projects of Faculty of Business**

Title of the Project	Coordinator	Sponsor	Budget
Analysis of the Determinants of Declining Home Ownership Rate in Turkey	Işıl Erol	TÜBİTAK	54.750,00 TL
Factors that Influence the Value of Portfolios of Customers in Mergers and Acquisitions	Cem Bahadır	TÜBİTAK	13.500,00 TL
Productivity Dept. of Ministry of Science, Industry and Technology - ÖzÜ Collaboration Project	Ümit Özlale	Industry	0,00 TL
Analysis of Pharmaceutical Sector as an Effective Industry and Health Policy Tool	Ümit Özlale	TÜBİTAK	144.000,00 TL
ERC Project Pre-evaluation Support	Koen Pauwels	TÜBİTAK	18.865,20 TL
YARGICI - ÖzÜ Collaboration Project	Emre Soyer	Industry	23.600,00 TL
Eye on Europe II: Erasmus for Young Entrepreneurs	Ahmet Murat Fiş	Other	269.813,28 TL
Eye on Europe III: Erasmus for Young Entrepreneurs	Ahmet Murat Fiş	Other	0,00 TL

**Table 8. Research Projects of Faculty of Architecture and Design**

Title of the Project	Coordinator	Sponsor	Budget
Post-Occupancy Evaluation Of Outdoor Spaces In Campus Buildings With Spatio-Temporal Mapping Method	Özgür Göçer	TÜBİTAK	416.000,00 TL
Measuring the relationship between spatial configuration and user behavior: User-Oriented Approaches to Urban Square Design Process at the Peripheral Municipalities of Istanbul	Ayşe Özbil Torun	TÜBİTAK	542.552,00 TL
Interdisciplinary Design & Innovation and Entrepreneurship Center	Orhan Hacıhasanoğlu	İSTKA	0,00 TL

**Table 9. Research Projects of School of Aviation**

Title of the Project	Coordinator	Sponsor	Budget
Sanalkokpit - ÖzÜ Collaboration Project	Çağlar Üçler	Industry	19.116,00 TL

**Table 10. Research Projects of School of Applied Sciences**

Title of the Project	Coordinator	Sponsor	Budget
Ekin Group - ÖzÜ Collaboration Project	Hanım Kader Şanlıöz Özgen	Industry	0,00 TL
Industry Education Collaboration for Achieving Vocational Qualification Project	Ezgi Erkmen	Other	234.681,06 TL

**Table 11. Projects of Technology Transfer Office**

Title of the Project	Coordinator	Sponsor	Budget
H2020 Smart Cities and Communities (SCC) & Energy Efficient Buildings Public Private Partnership International Brokerage Event	Nilay Papila	TÜBİTAK	40.000,00 TL

# **SECTION V**

## **LIST OF EVENTS TRAININGS IN FY2015**



## SECTION V LIST OF EVENTS TRAININGS IN FY2015

THIS SECTION PRESENTS THE LIST  
COLLABORATION EVENTS, TRAININGS  
ORGANIZED BY TTO IN 2015.

**Table 12. Industry Partnership Days at ÖzÜ**

No	Name of Company	Date
1.	Bosch Termoteknik	January 20
2.	TOFAŞ	March 11
3.	EndPoint	March 18
4.	Esis Power	March 18
5.	Formülsoft	March 19
6.	Akım Metal	March 20
7.	Tırsan	April 1
8.	Conta Elastik Ürünler	April 1
9.	Migros	April 10
10.	GATE Elektronik	April 14
11.	PAVOTEK	April 14
12.	Acıbadem	April 14
13.	Sami Tongün	April 27
14.	Türk Telekom	April 29
15.	Uluslararası Suistimal İnceleme Uzmanları Derneği	April 30
16.	Conta Elastik Ürünler	April 30
17.	SVS Elektronik	May 13
18.	Vefa Holding	May 13
19.	STFA	May 20
20.	Ford Otosan	May 21
21.	Gravite	May 25
22.	BEYSAD	May 26
23.	TSK ARGE BİRİMİ	May 27
24.	Alotech	May 29
25.	Semiz Elektronik	May 29
26.	Novida	June 23
27.	Fibrebeton	June 30
28.	Sanal Kokpit	July 15
29.	Era Elektornik	July 28
30.	Yol Digital	July 29
31.	XYnaptios	August 5
32.	Pelsan	August 12
33.	EAE Aydınlatma	August 13
34.	Bantboru	August 13
35.	VODASOFT	August 14
36.	FİKSSAN	August 25

No	Name of Company	Date
37.	MİR Arge	August 25
38.	Logo Yazılım	August 26
39.	Reengen	September 13
40.	Vitra	September 13
41.	ACT	November 25
42.	Arçelik	November 27

**Table 13. Training Events Organised by ÖzÜ TTO**

No	Training Information	Date
1.	Applied Project Management Training	February 9
2.	Uludağ University Horizon2020 – SME Instrument Info Day / Certified Training	February 11
3.	Uludağ Univeristy ARDEB Info Day	February 11
4.	Applied Project Management Training	February 26
5.	Commercialization of Technology, Seminar by Ömer Hızıroğlu, CLP	March 7
6.	Expand Your Horizon with ÖzÜ TTO! - HORIZON2020 Training	April 1
7.	Horizon2020 for Innovative SMEs	April 28
8.	Applied R&D Project Writing Training for 1601 Program	May 4
9.	Turkcell Technology -TTO- FBE Project Thesis Seminar	May 28
10.	Information Session on Marie Skłodowska-Curie Actions	June 16
11.	TÜBİTAK ARDEB Workshop with Target TTO	July 23
12.	Grant Programs Training for SMEs	September 7
13.	TECHIN2B Training&Talk Series: Technologies and Patent Case Studies on Energy & Environment	September 16
14.	A Panel of Panelists	September 27
15.	Information Session on National and International Grant Programs	October 21
16.	Information Session on National and International Grant Programs for Özyeğin University Faculty of Law	November 18-19
17.	H2020 Training with ADAPTTO	December 8

**Table 14. Training Events Attended by ÖzÜ TTO**

No	Training Information	Date	Location
1.	TTO Meeting at TEKNOPARK İSTANBUL	January 9	Istanbul
2.	Info Day for İSTKA New Calls	January 19	Istanbul
3.	Collaboration Day with Enginsoft	January 29	Istanbul
4.	ISTKA Financial Reporting Practices	February 9	Istanbul
5.	Technical Assistance and Capacity Building Workshop	February 12	Ankara
6.	Production Protection Ways/ Software Patents and Applications Training	March 4	Istanbul
7.	Clean Sky 2 Info Day	March 16	Ankara
8.	TECHIN2B Training & Talk Series	March 31	Istanbul
9.	TECHIN2B Training & Talk Series	April 22	Istanbul
10.	Horizon2020 for Turkish Industry	May 6	Istanbul
11.	Horizon 2020 MSCA Actions Info Day	May 13	Istanbul
12.	Being a Team as TTO	June 6	Istanbul
13.	8. ÜSİMP National Congress	June 9	Konya
14.	Intellectual Property Management on Electronics - Informatics - Big Data	June 18	Istanbul
15.	Collaboration Meeting with Banu Onaral	June 24	Istanbul
16.	ODTÜ T Jump Collaboration Meeting	July 8	San Francisco
17.	Turkish American Business Connection (TABC)	July 8	San Francisco
18.	Opportunities Arising from a Patent	July 28	
19.	Information Sharing Panel on TÜBİTAK-ARDEB Projects on the Evaluation Process	August 28	Istanbul
20.	Collaboration Meeting METU Informatics Institute	September 2	Ankara
21.	Information Day with Ministry of Health General Directorate for EU and Foreign Relations	September 2	Ankara
22.	Information Day for Tübitak 1512 Program	September 8	Ankara
23.	The 35th National Operational Research and Industrial Engineering Congress (YAEM)	September 10	Ankara
24.	IP Camp Cesme 2015	October 1-3	Izmir
25.	HUNİTEK Symposium at Hacettepe University	October 14	Ankara
26.	Managing Intellectual Property in Universities	October 15-16	Istanbul
27.	Information Meeting on H2020 Health, Demographic Change and Welfare Area	October 16	Istanbul
28.	LES Annual Meeting 2015	October 25-28	Istanbul
29.	Information Sharing Meeting on Human and System Integration	October 28	Istanbul
30.	ÜSİMP Patent Fair	November 11-12	Istanbul
31.	H2020 SME Instrument Event	November 17	Ankara
32.	LES100 Education	November 30	Istanbul
33.	TTO Bridge at Elazığ University	November 30	Elazığ
34.	Clean Sky 2 Info Day	December 15	London
35.	Being a Team as TTO 2	December 22	Istanbul

# CONCLUDING REMARKS

This report summarizes the sponsored research and technology transfer activities carried out at Özyeğin University in 2015 with comparison of previous year. As is evident that a significant number of research activities sponsored by national, international agencies and industry are being conducted at ÖzÜ, all designed to enhance scientific and academic research, provide young researchers and graduate students scholarship, and to foster academy-society-industry relations so as to contribute to society.

Sponsored research activities at the ÖzÜ exceeded 15,18 M TL with 68 new projects in 2015. This level surpasses the previous institutional record achieved in 2014. The projects list in Section III reflects the combined efforts of TTO staff and ÖzÜ researchers. In 2015, national funding agencies were the main sponsors of research at ÖzÜ. Approximately 77% of total funding in 2015 came from national agencies such as TÜBİTAK and ISTKA. European Union is the main international source of funding constituting the 12% of the total funding in 2015.

Regarding intellectual property management, a total number of 13 new patent applications were filed in 2015. The inventions developed at ÖzÜ include nanotechnology, robotics, lighting technologies, bio-additives, communication technologies, technologies for educational use.

For the forthcoming years, ÖzÜ TTO dedicatedly will continue to conduct appropriate and effective management of resources with the highest levels of professionalism, ethics, and solution-oriented customer service in full support of the ÖzÜ academic staff.













