



## University and Entrepreneurship (TURKEY)



Lifelong  
Learning  
Programme



SOSYAL VE  
BEŞERİ BİLİMLER  
FAKÜLTESİ



EĞİTİMDE GİRİŞİMCİLİK VE İNOVASYON DERNEĞİ

**Part 1. Some universities have university innovation and entrepreneurship offices that,**

• **Why they are for?**

In many countries the higher education system today is being serious transformation and reforms, traditional "research" or "teaching-oriented" the place of the university "entrepreneurial and innovative" universities are located. Universities no longer than the classical approach to research and education to give more support to regional development, focuses on entrepreneurship and innovation. Thus, consisting of innovative and entrepreneurial universities tend to create new and partly different bridge between academia and the business world.

University contribute to Innovation and entrepreneurs, regional development and try to build bridge easier between university and the business world.

-By interdisciplinary researching to provide supporting regional development

- National and international policies and competitive strategies develop.

-Innovation center on issues related to the installation of lectures, seminars, the organization of courses or events

- The private sector, non-governmental organizations (NGOs) and the development of relations between the university and project grants to be executed.

Regarding Technology transfer and university-industry collaboration are not new in Turkey (some date back to 1995). More recently, the state has finally recognized the need to stimulate and expand these activities to create economic development. In parallel with the increased awareness across Europe of the need for innovation and entrepreneurship, Turkey is now funding technology transfer as well as providing new grant funding for early-stage entrepreneurs. Even though historically, the Turks played a major role in the development of civilization, including the inherent risks, the country lacks a vibrant ecosystem to stimulate entrepreneurship, a gap that the government is trying to fill for the common good.

They conducted intensive two-day courses at Firat Üniversitesi, Elazığ, and Gazi Üniversitesi, Ankara, Turkey's capital. At the first introductory workshop in Elazığ, they had about 50 participants from multiple universities across the country. The second more advanced workshop had about 30 participants, again from multiple Turkish universities. Our role is to educate the nascent university technology transfer community on principles and best practices around technology transfer and entrepreneurship. They used a combination of lecture, discussion, exercises, and student presentations to maximize interactive learning. I believe that they created engaging and insightful experiences for everyone involved – so they told us in many different ways!

In order to support **university- industry cooperation**, the Metal Forming Center of Excellence was established in **Atılım University** (<http://msmm.atilim.edu.tr/>).

Moreover, within the framework of Atılım University Undergraduate Research Projects Programme (<http://argeda.atilim.edu.tr/tr/lap>) industry-supported projects are carried out by students in which students investigate the solution of a problem that an institution has provided.

Another innovation is "Entrepreneurship Projects Course" which is selective and opened in each semester. In this course students are required to carry out projects in order to establish a company. The students who have succeeded this course are issued KOSGEB Applied Entrepreneurship Education Programme Certificate of Participation.

KOSGEB- ATILIM University Technology Development Center (ATILIM-TEKMER) is the latest investment of Atılım University which was established in order to provide an efficient environment for our students, academic staff and entrepreneurs who will work in the field of technology. (<http://www.atilim.edu.tr/haber/kosgeb--atilim-universitesi-teknoloji-gelistirme-merkezi-tekmer-kuruldu--3652>). Being a concrete step for the university- industry cooperation, TEKMER aims at supporting innovative entrepreneurship and regional development.

## **Sabancı University – Entrepreneurship council**

### **The mission of Entrepreneurship Council is clear:**

The Entrepreneurship Council is a collaboration of three faculties (SOM, FASS, FENS) and it is a part/subsequence of the Research and Graduate Policy Directorate (RGP). Since the establishment of the University, there have been many institutional structures. All these sub-institutions form the “Sabancı University Technology, Innovation and Entrepreneurship Ecosystem”:

- Inovent
- Teknopark (GOSB and Technopark Istanbul)
- TÜSİAD – Sabancı University Competitiveness Forum (“REF”)
- Corporate Governance Forum
- European Enterprise Network İstanbul (AiA)
- Young Entrepreneurs Club
- Civic Involvement Projects

### **Strategic Partners**

TTNET, Akbank, Sabancı Vakfı

### **Sponsors**

Baltaş, Ernst&Young, Kagider, Endeavor, Inovent, +90, Hürriyet, TÜSEV, Ashoka

### **Eastern Mediterranean University**

#### **Entrepreneurship and Innovation Centre**

Established by Eastern Mediterranean University Business and Economics Faculty, the Entrepreneurship and Innovation Center, in collaboration with the Cyprus Turkish Chamber of Industry, has the fundamental aim of encouraging the industry, those involved in the industry, and the community towards entrepreneurship and productivity. In line with its aim, the center endeavors to contribute to the country’s economy.

As a pioneering organization in the TRNC in this respect, the Entrepreneurship and Innovation Center has the goal of teaching individuals how to become more innovative, productive and creative. Assisting those involved in industry on how to prepare work plans and the provision of advisory services to small scale businesses on how to effectively benefit from the financial support and credit possibilities of the EU and the Republic of Turkey are amongst the center’s targets. Additionally, the center aims to create an economy based on production and productivity. Since its establishment, the center has actively prepared numerous work plans, carried out and finalized important projects. One of the most important missions of the center is the formation of a bridge between the business world and the university. In this respect, the center has initiated numerous connections to transfer the academic know-how to the state and private sectors.

## **Part 2. Case studies**

### **• METU Entrepreneurship Research and Application Center**

- Innovation in business Education to METU Students

Lecturer: Kaan Özkan Ceo of Mondigroup , The Best Entrepreneur award, 2011

Main topics of education: Leadership, Innovation, Entrepreneurship, Experiment of Nestle, Mercedes, Pector and Gamble and Mond

Learners: Middle East Technical University Students

- Entrepreneurship, innovation and education to METU students

Lecturer: Gökhan Yücel

Main Topics: Best entrepreneur in turkey, Education of entrepreneur, Innovation and entrepreneurship

- Evaluation of entrepreneurship idea

Lecturer: Dr. Mehmet Ataman

Main Topics: Entrepreneur, Innovation, Innovative idea, Entrepreneur idea, Evaluation of idea

- **Okan University Entrepreneurship Education (certified)**

Aim:

The aim of the project is the establishment and successful business ideas perception of entrepreneurship and innovation at universities to implement, universities, long-term for students and lecturers is the spread of an entrepreneurial certificate program.

Application:

- Applications number is limited to 40 person, Applications are free.

Education:

- Education is formal, Education hours is 85 hours per a year.

Education Topics: Entrepreneurship, Innovation and business, Analysis of entrepreneur and innovative ideas, Innovative ideas, Entrepreneurship evaluations, economy.

When we research 70 entrepreneurs education in Turkey, we found out this details.

Entrepreneur is directly deal with cities. Big cities are one step ahead.

76.8 % entrepreneur graduated in Istanbul universities.

### **3. Sabancı University – Entrepreneurship Council (SU-EC) activities**

#### **1. Accelerator Services**

SU-COOL (start-up company league)

Beginning in fall 2013, the pre-incubation facility at the SoM will be available to up to 10 student teams.

Pre-incubation is open to Sabancı University students only.

Opportunities:

- Physical space, Training sessions by entrepreneurs and faculty members, Board of Directors composed of entrepreneurs and mentors, End-goal of building a project out of the idea, Contest at the end of the semester, Participants may be eligible for support by Inovent, Participants may be eligible for grants to take part in international pre-incubations

Selection criteria:

- knowledge and experience of team members, project, team harmony  
The most successful team that completes the accelerator program wins the right to go to MIT's Global Founders' Skill Accelerator, the second most successful team goes to NUS (National University of Singapore) Entrepreneurship Centre Summer Program.

#### **2. Education**

*For Entrepreneurs:*

The Entrepreneur Development Program (GGP) is a certificate program targeted to equip current entrepreneurs who are ready to move on to the next level with knowledge on how to achieve growth.

*For Social Entrepreneurs:*

The purpose of the Social Entrepreneur Development program (S-GGP) is to provide social entrepreneurs who have established foundations, associations, cooperatives or companies with information on institutionalization to help them overcome their growth challenges.

*For SU students:*

The university courses consist of many entrepreneurship courses; in addition SOM offers a minor program on entrepreneurship.

Besides credit-based courses, SU-EC organizes seminar series:

*COOL-seminar Series*

A series of seminars are available to help entrepreneur students develop their team and professional skills before starting their careers.

### **3. Networking**

the Entrepreneurship Council:

- organizes joint events with stakeholders
- communicates events by stakeholders
- supports stakeholder events
- works to develop the ecosystem

Existing international network partners:

MIT Regional Entrepreneurship Acceleration Program (2012-2013)

MIT Martin Trust Entrepreneurship Center GFSA (2013-)

Global Entrepreneurship Program (2012-)

Global Entrepreneurship Week (2009-)

European Institute for Technology and Innovation Management (2008-)

Entrepreneurship Research and Education Network of Central European Universities (2009-)

Turkish Women's International Network (2012-)

#### **National:**

ISO-KATEK (İstanbul Chamber of Industry – Quality and Technology Committee)

REF-SEDEFED, The Most Competitive Firm Competition Jury

TÜSİAD, Entrepreneurship Committee

Endeavor, Advisor Committee

KAGİDER, Advisor Committee

For details about SU-EC: <http://sugk.sabanciuniv.edu/en-EN>

#### **Cyprus Turkish Chamber of Industry and Eastern Mediterranean University Entrepreneurship and Innovation Center**

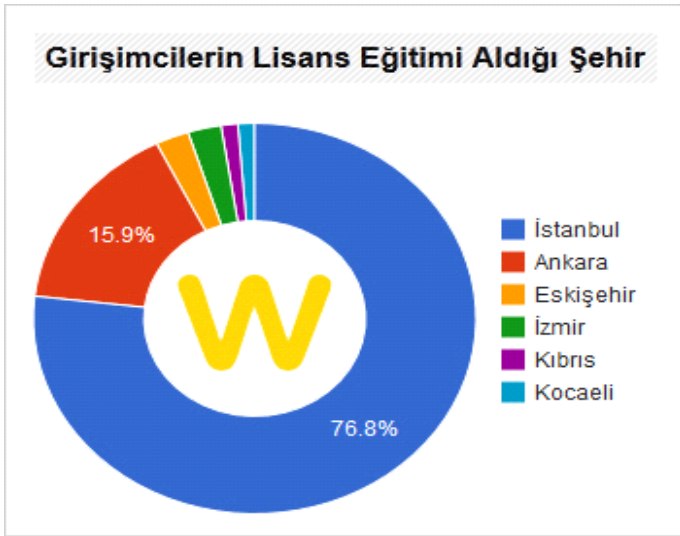
Cyprus Turkish Chamber of Industry and Eastern Mediterranean University Entrepreneurship and Innovation Center organized a training program entitled “Applied Entrepreneurship” for high school students. The training was sponsored by Limassol Cooperative Bank and Kayseri Municipality. The center also provided training for those wishing to establish their own business, with a special focus on family businesses. The training programs included workshops and visits.

In accordance with the collaboration protocol settled between the center and Limassol Turkish Cooperative Bank, the center delivered a 3-week Limassol Banking Academy training.

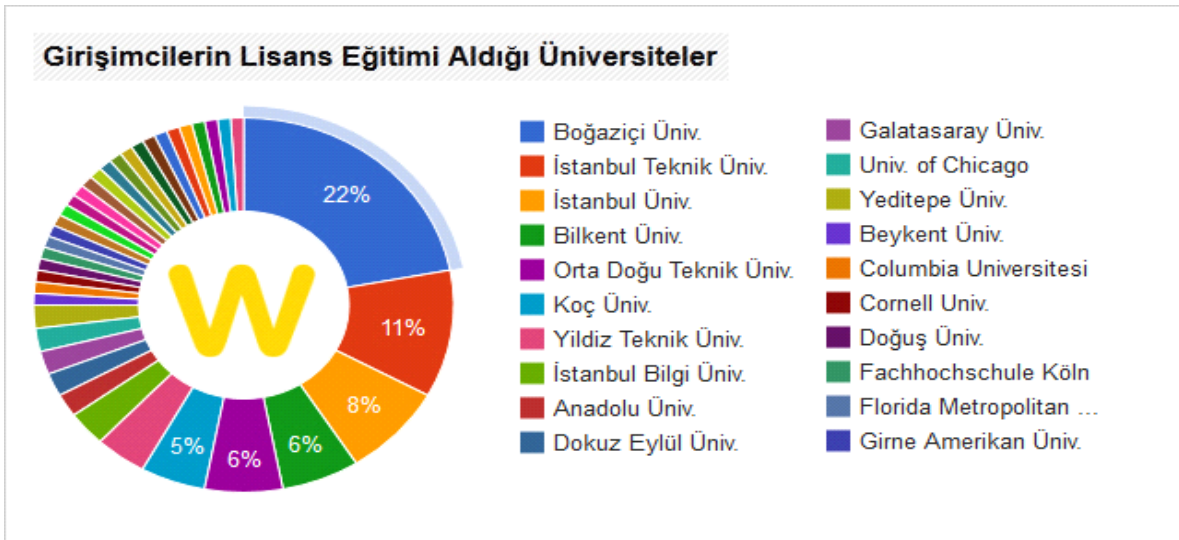
On behalf of Eastern Mediterranean University, the center signed a collaboration protocol with Cyprus Foundations Administration. As part of the protocol, the center has undertaken the

preparation of an evaluation report regarding the institutional, financial, administrative, and legal and human resources aspects of the Cyprus Foundations Administration. Following the finalization of the report, the Cyprus Foundations Administration will go through a period of restructuring.

Last but not least, the center has participated in a joint project with KOOP SÜT. With the project prepared by the center, KOOP SÜT has demonstrated sustainable developments.

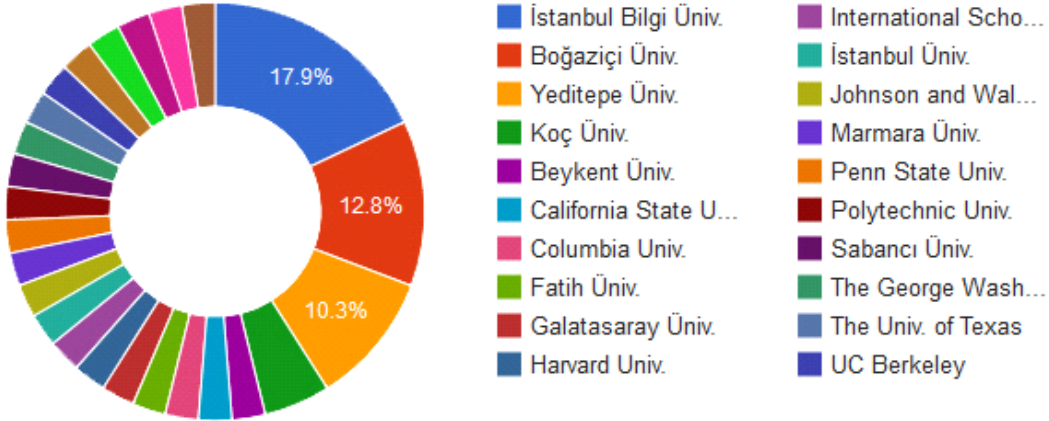


The universities that entrepreneur has been graduated.



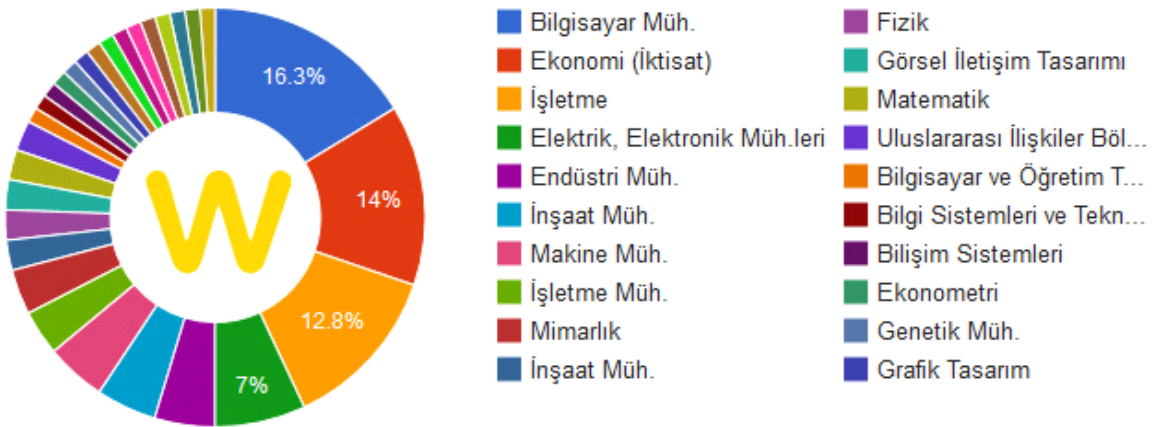
And the master results.

### Girişimcilerin Lisansüstü Eğitim Aldığı Üniversiteler



And finally the department and entrepreneurship.

### Girişimcilerin Eğitim Gördüğü Bölümler



As we see in the table,

- 16,3 % entrepreneur has graduated computer engineering.
- 14 % is economy department
- 12,8 % business department
- 7 % electricity, electronics engineering.

As a result of this research;

Entrepreneurship is directly deal with university which is in a big city. City is creating opportunities to students to start-up their own business. Then, another factor is the university. If the university should be well developed. The last, department is main factor for entrepreneur. The major department is computer engineering. Then economy, business, electricity, industry engineering, machine engineering, business engineering, architecture, civil engineering etc.