Remarks on the incubation practices in Teknopark İzmir of Turkey

Mustafa Guden
Teknopark İzmir
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www.teknoparkizmir.com.tr
THE ECOSYSTEM
IZTECH at a Glance

- **Medium** of instruction is **English**

- **12** Undergraduate, **24** Master’s Degree and **13** doctorate programs with a total of over **5,000** students, about **3,500** of which are here for their undergraduate education. **(6 Master Degree and 3 Doctorate programs are interdisciplinary)**

- **528** Academic Staff (**% 61** of the faculty received their **PhD** from universities abroad.)

- Ratio of Students to Academic Staff **10:1**

- **1st** place in the country with respect to the number of refereed articles per faculty member.

- **3rd** place in the country with respect to the percentage of students participating in international exchange programs.
TECHNOPARK - TEKNOPARK IZMIR
DEVELOPMENT PHASE

2002 - Declaration of Izmir Technology Development Zone
2003 - Establishment of Izmir Technology Development Zone
2004 – Zone started to operate

2004-2009 - Building Infrastructures & Superstructures
2009-2014 – Physical & Organizational Growth
2014-2019 - Institutionalization and Value Added Services
Teknopark Izmir is located inside Izmir Institute of Technology Campus Area,

Distance to important locations

Urla Town Center 15 km,
İzmir City Centre 45 km,
Çeşme Marina 30 km,
Adnan Menderes Airport 60 km
STRONG SHAREHOLDERS

- Izmir Institute of Technology
- Aegean University
- Dokuz Eylül University
- Izmir University of Economics
- Aegean Region Chamber of Industry
- Izmir Chamber of Commerce
- Izmir Stock Exchange
- Secretariat General of Aegean Exporters Union
- Union of Izmir Tradesmen & Craftsmen Chambers
- Vestel Electronics, Inc.
- BIM Group Holding Inc.
- Enda Energy Holding, Inc.
- Innovatek Technology Products Ind. & Trade Inc.
- Ünibel Education and Information Technologies
- Alataş Alaçatı Civil Constr. Industry &Trade
- Izmir Technopark Trade Inc.
- Balçova Thermal Tourism & Education Services
- Aegean Association of Industrialists & Businessmen
- Aegean Young Businessmen's Association
- Izmir Industrialists & Businessmen Association
- Aegean Foundation of Technology and Success
ADVANCED INFRASTRUCTURE

- **25,000 m²** indoor area
- **12,000 m²** rentable R&D office space
- **5,000 m²** social & technical workshop areas

- Meeting Rooms
- Educational Classrooms
- Cafe & Restaurant
- Hotel
- Technical Workshop
RANKING: Technology Development Zone Index

Teknopark Izmir has been ranked in the top 5 during the last 4 years in the Technology Development Zone Index determined by the Ministry of Science, Industry & Technology of Turkey.

In the last ranking (2016), Teknopark İzmir has been ranked 4th among 60 Technoparks.

- **2012 ranking**: 15
- **2013 ranking**: 5
- **2014 ranking**: 2
- **2015 ranking**: 4
- **2016 ranking**: 4
COMPANY PROFILES

Total Number of R&D Firms: 156
- Academician companies: 26
- Student companies: 25

Companies Established in the Zone: 108

- Total Revenue: 410+ M TL
- Exports: ~ 35 M $
- Total Personnel: +750
- Total Projects: 1800
- Patent Applications: 82
- Patent Granted: 18
IZTECH - TEKNOPARK IZMIR COLLABORATION
**Business Opportunities and On going Projects Information Event**

07.04.2017

An event was organized to inform the Technopark R&D companies on how to become a Cern Supplier. Information about the main projects going on at Cern were also shared.

**3rd IZTECH Reliability Workshop**

08.05.2017

Many lecturers from various universities in Turkey and representatives from software companies participated in the workshop. 3rd Reliability Workshop was aimed at sharing the ongoing work in the field of computers and software.
Cloud Computing Workshop 23.05.2017

The Cloud Computing Workshop held on the Big Data and Data Analysis topics covering cloud computing and security applications, was held with the participation of a number of academicians from Iztech, University of Stavanger, Norway, and entrepreneurs from Teknopark İzmir.

Geothermal Energy Search Meeting 08.05.2017

IZTECH Geothermal Research Center Manager Prof. Dr. Alper Baba organized the event together with German researchers. The meeting was on the potential collaboration among IZTECH, Technopark & German Researchers.
THE INCUBATION MODEL
Business Model

• Production of scientific knowledge
• Realization of significant inventions
• Creation of innovation
• Supporting establishment of new firms
• Management of intellectual property assets
• Simplification of entrepreneurship ecosystem

Efficient use of resources
• Contributing to qualified employment
• Dissemination of technology and knowledge
• Closely following up needs of industry and becoming solution partner

INNOVATION CENTRE MODEL

Knowledgeable & Qualified Human Resources
University: IZTECH

Experienced & Qualified Technical Infrastructure
Technopark: TEKNOPARK IZMIR

Social Welfare & Qualified Employment

Value Added & Competitive Technology & Business Ideas

Economic Life

Industry

Society
▪ A prestigious iconic building that serves all value added services to all members of the entrepreneurship and innovation ecosystem under a single roof.
▪ The first guided project of Turkey supported by Izmir Development Agency.
History

- **January 2011 – December 2011**
  Project Development Phase

- **July 2012** Kick off of the Guided Project of Development Agency

- **July 2013** Start of Innovation Center Building

- **July 2015** Finalization of Activities of the project (other than the construction of the building)

- **October 2015** Start of 2. Stage of the Innovation Center Building

- **May 2016** Completion of the Innovation Center Building
INNOVATION ECOSYSTEM AT A GLANCE

- Incubation Center (900 m2)
- Atmosfer Technology Transfer Office
- Stakeholders Office
- Technical Workshop
- Meeting and Training Rooms
- Social Reinforcements
- Rentable R&D offices (2000 m2)
CLASSBOOM Incubation Center

- Service area that supports entrepreneurs in their first 2 fragile years
- Management that gives priority innovation and creativity
- Matching entrepreneurs with technical and academic mentors
- Free trainings on Marketing, Finance, Business Development, Project Management and Law
- Guidance to Public and Private Funds
Atmosfer Technology Transfer Office is one of the first TTO’s of Turkey that is funded by TÜBİTAK.

- Project Development and Management, Intellectual Property Right, Industrial Marketing, Entrepreneurship and Commercialization

- Professional support and consultancy to R&D firms, techno-entrepreneurs and management and protection of intellectual properties of IZTECH

- Atmosfer TTO gives service to entrepreneurs so that they can commercialize their R&D products, get IP right and licensing and establish start-ups and spin-offs.
All public and private sector representative and/or stakeholders of the entrepreneurship and innovation ecosystem are welcome to use and give service to entrepreneurs in this office.

Free services on investor consultancy, financial and legal issues and corporate branding.
• Basic Entrepreneurship Educations (Business Plan, Finance etc.)
• Organized 8 times since 2011
• Over 200 graduated
• 12 companies established
• Provided an extensive trainer and mentor network
- Inside Innovation Center, there exists a 150 m² technical workshop fully equipped with advanced devices.

- All prototyping and non serial manufacturing devices are open to all entrepreneurs.

- Another aim of the technical workshop is to give training to engineers to transform them into skilled and talented entrepreneurs.
There is one seminar room which can accommodate an audience of 100 people, training room with a capacity of 40 students and many other smaller meeting rooms available for entrepreneurs.

These rooms are available to all members of the ecosystem to host trainings that encourage socialization and thematic topics that increases innovation and creativity.
TRAINING ACTIVITIES

• 8th Techno-Entrepreneurship Academy Trainings
• DemoDay Elevator Pitch Activity
• BiGG 2nd Term Trainings
• Incorporation and Accounting Training
• Business Idea Development Training
• Canvas Business Model Training
SOCIAL FACILITIES

- Cafeterias, swimming pool, outdoor and indoor sports centers, mini golf, kite surf etc. are the main social facilities that Teknopark İzmir R&D Companies can use.

- Teknopark İzmir R&D Companies can also attend the IZTECH social events such as spring fest, concerts, theatre plays.
SOCIAL ACTIVITIES

• Series of Archaeology Seminars
• «Welcome Spring» Barbecue Party
• Turkey Innovation Week 2016 Participation
• Teknopark101
• CreaTech
• Company Meetings
• «Welcome Autumn» Breakfast
SOME SUPPORTING ACTIVITIES

- 3+1 Three Entrepreneur and One Academician presentations
- Idea101
- Bridge Days
- Turkey’s First Open Innovation Camp Hack’n Break
- Hack4Energy (Hackathons)
- Izmir Entrepreneurship Ecosystem Workshop
- Techno-entrepreneurship Academy
- DemoDay Events (Angels, VCs)
RECENT ACHIEVEMENTS

Teknopark İzmir R&D Company *Initio* has become one of three selected companies at BIO Startup - MENA: Biotechnology Accelerator Program. *Initio* will be going to represent Turkey in the finals at San Diego.

Teknopark İzmir R&D Company *Inveno* has just won the first prize at the Union of Automotive Industry’s R&D Project Competition where the participants were from all over Turkey. The theme was automotive technologies.
Two academicians from IZTECH (one of whom also has a company in Technopark) won two medals. Prof. Guden and Assoc. Prof. Senturk won **golden medal** with their patent, and also Assoc. Prof. Okvur won **bronze medal** in **İstanbul International Inventions Fair’17**.

Assoc. Prof. Okvur who has a R&D company in Technopark won **golden medal** with her Microfluidic Device For Investigation Of Distance Dependent Interactions In Cell Biology" patent in **Geneva International Invention Fair**.
MET Advanced Technology Systems Ltd. succeed to be selected as one the last 13 teams in the Ericsson Innovation Awards 2017, which is an innovation competition by Ericsson with over 900 participants from all over the world.

LadyBug, the team from ClassBoom (Technopark’s Incubation Center) came first in Microsoft Imagine Cup competition and they represented Turkey in the big final in the USA.
We Believe in

✓ Open Innovation & Collaboration

So

Let's #HacknBreak
Hackathons . Ideathons . Workshops . Conference
20-27 August 2016 - IYTE /URLA /IZMIR

• **750** Participants
• **95** Activities (Trainings, Workshops, Hackathons)
• **60** Different Instructors/Mentors
• **16** Conferences – **22** Lecturers
Thank you!