University - Industry Interactions

Kuzeyhan Özdemir
Bilkent TTO

Workshop on University – Industry Interactions
ODTÜ Teknokent, 27 November 2015
Agenda

✓ Stakeholders
✓ Drivers for University-Industry Interaction
✓ Barriers for University-Industry Interaction
✓ A Successful University – Industry Spinoff
Stakeholders

- Universities, Technoparks, TTOs
- Funding Organizations
- Society at Large
- Industry, Chambers of Industry
- Industrial Zones
- University Researchers
- Students

Bilkent TTO
Drivers for University-Industry Interaction

- **Drivers for University**
  - To carry research based on the needs of the industry
  - To get funds from industry
  - Governmental policies and funds for university-industry collaborations
  - To connect the students with the industry

- **Drivers for Industry**
  - Incorporating academical knowledge into their research and the products
  - Request from funding organizations to have academicians in their R&D projects
  - To continue to receive funds if they have research centers funded by the ministry of science, industry and technology
  - Governmental policies and funds for university-industry collaborations
  - To find best students to work with them
Barriers for University-Industry Interaction

• **Barriers for University**
  • University’s demand on academicians to make publications with higher number of citations
  • Industry’s demand for short term outputs
  • Industry’s demand on development rather than research
  • Sharing IP Rights
  • Difficulty in communicating with industry
  • No effect on promotion of the academicians

• **Barriers for Industry**
  • University’s demand for medium or long term research
  • Academician’s priority is on research and publications
  • Sharing IP Rights
  • Difficulty in communicating with university
  • Previous bad experiences with university
On November 2014, Bilkent University and Aselsan established a spin-off company called AB Micro Nano Technologies Inc. This company was a result of university-industry collaborations between Aselsan and Bilkent University supported and funded by Defence Industries Undersecretariat and TÜBİTAK on GaN Semiconductor technologies starting from early 2000s.
Thanks !