Legal Aspects of Industry-University Interactions

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University-Industry Linkages

- Many informal, but few formal links
- Insufficient capacity to map the demand of the application sphere
- Lack of relevant demand for applicable results of R&D
- Active support of mutual communication of both sectors
Knowledge Transfer Strategy

- Internal R&D and commercialisation strategies
- Ministry for Education, Youth and Sports – universities and public research institutions
- Ministry for Industry and Trade – SMEs and large industry
- Establishment of Technology Transfer Offices (TTOs) in the universities and necessary skills and knowledge
Knowledge Transfer Revenues

- Knowledge transfer revenues at HEIs
  - 82% contract research
  - 8% consulting services
  - 8% training courses
  - 2% sale of licences
- Important source of R&D funding mainly for technical universities
- Marginal funding source for large traditional universities
Case study – Main Findings

- Palacký University Olomouc (UPO) – large traditional university
  - highest participation in collaborative research projects
  - lower number of applied R&D results
- University of Chemistry and Technology, Prague (UCT) – smaller technical university
- Technical University of Liberec (TUL) – regional university
  - KT activities are managed by faculties and institutes
  - Efforts to concentrate KT activities in a designated transfer centre (UPO) or to diversify the range of services (UCT)
- Trans-regional cooperation
Universities are not legally required to define knowledge transfer as a strategic mission

Universities are legally required to formulate a knowledge transfer strategy
   rather vaguely formulated; no firm sanctions

Funding of universities depends on having a knowledge transfer strategy
   rather indirect; depends on overall management
Legal Measures for IP Policies and Procedures

- Universities are legally required to establish policies and procedures for IPRs management
  - Can influence the over-all assessment of PRO performance and the funding
  - Number of patents and patent applications
  - Publication of IP policies is not a legal requirement
- Authorities have limited possibilities of assessing the efficiency of IP management
- No strict reliance on the private sector
Mobility of Researchers and Other Forms of Cooperation

- Cooperation on educational activities
  - Mostly informal, workshops, follow-up activities
  - No direct long-time funding project
- TUL – Master-degree programme
- UPO – Science and Technology Park
- TUL – support to young entrepreneurs
Funding and Other Support Instruments

- **Operational Programmes (2007–2013)**
  - network of technology transfer offices; set of guidelines for effective KT; endorsement of pre-seed activities

- **Operational Programme Research, Development and Education (2014 – 2020)**
  - Long-term inter-sectoral mobility – call to be launched in 2016
  - Further enhancement of TTOs – call launched in January 2016

- **New methodology for evaluation of research organisations and institutional funding (2017+)**
  - Encourages the public research organisations to cooperate with private sector
Thank you for your attention

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