



Introduction of a Hungarian University: University of Szeged

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Agenda

1. University of Szeged
2. Technology Transfer, Directorate for R&D&I
 - 2.1. IP portfolio
 - 2.2. Services
 - 2.3. Utilization of R&D
 - 2.4. Results in EU projects

University of Szeged

- ▶ One of the largest universities in Hungary
- ▶ Regional centre of knowledge

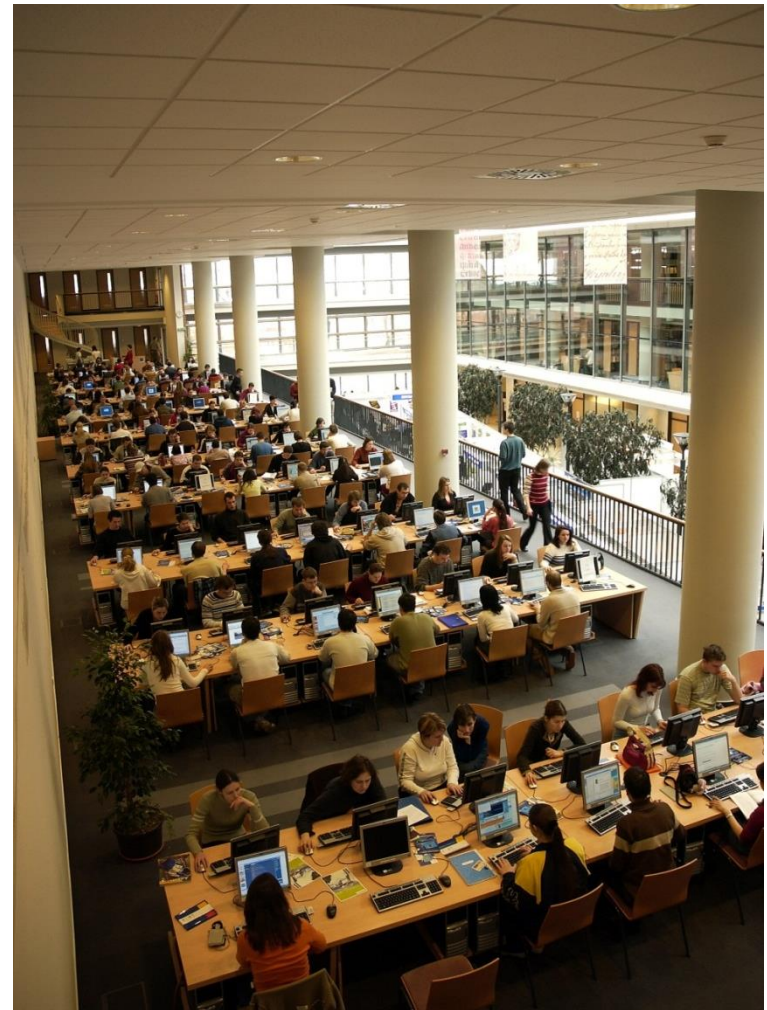
„Conducting research at an internationally competitive standard and preserving its status as a research university.”



University of Szeged

Numbers

- ▶ 30,000 students
- ▶ 2,000 researchers and research fellows
- ▶ 20 member of Hungarian Academy of Science
- ▶ 20 doctoral schools
- ▶ 12 Faculties
- ▶ 20 supported research groups by the Academy





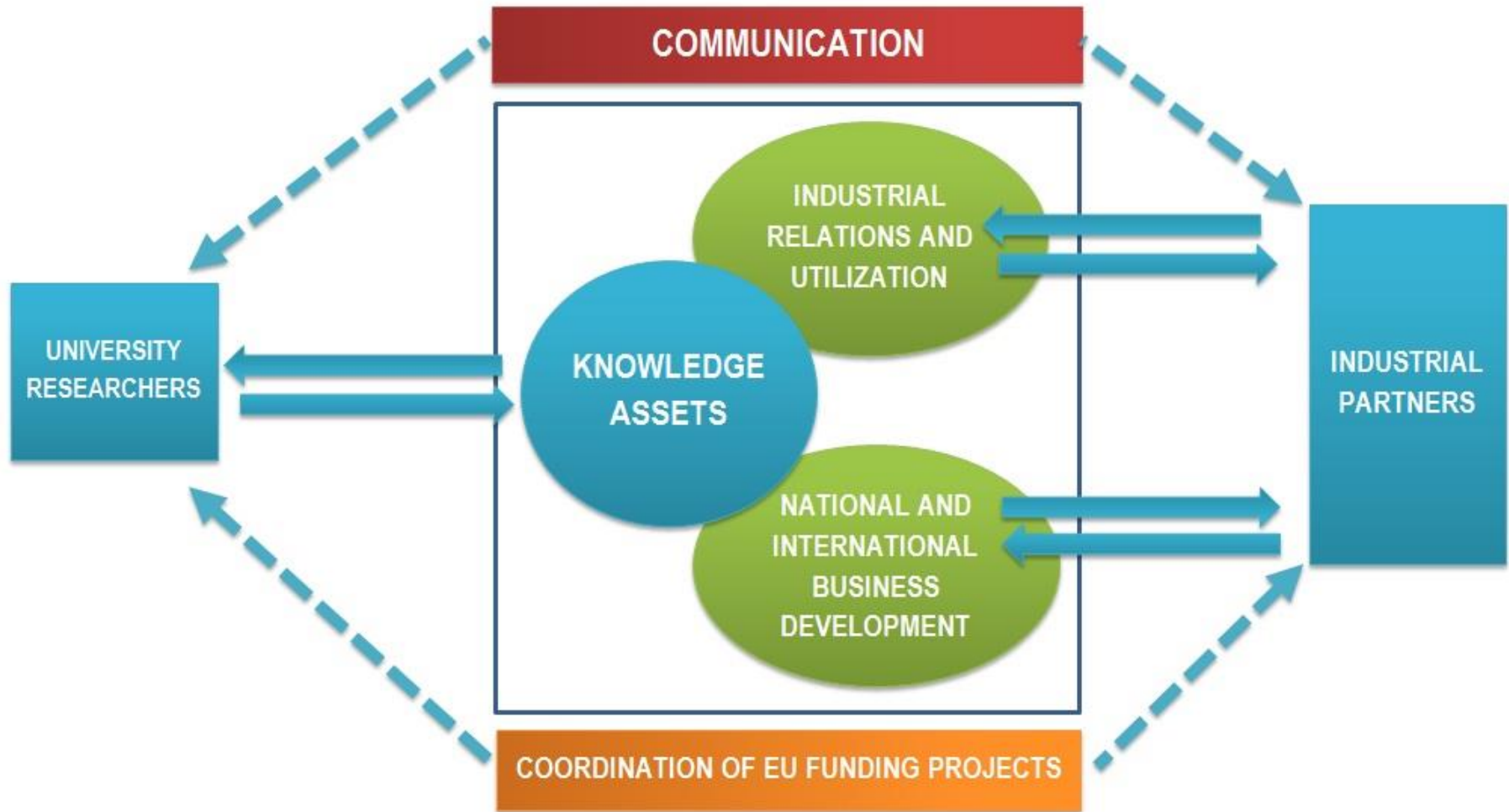
University of Szeged

Main research areas:

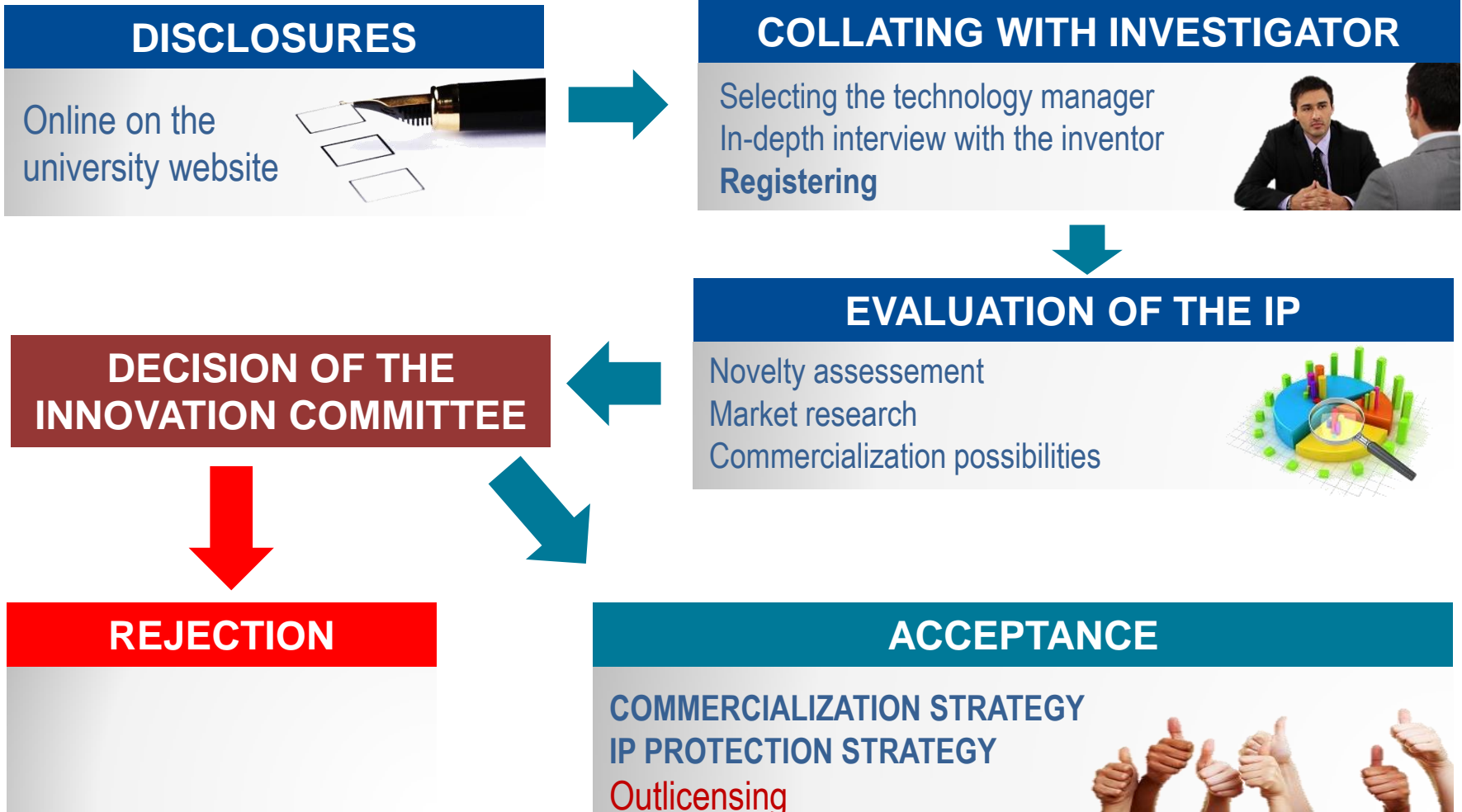
- ▶ Neurobiology
- ▶ Immunology
- ▶ Genetics
- ▶ Preclinical Pharmacology
- ▶ Clinical Pharmacology
- ▶ Pharmacognosy
- ▶ Clinical research (Phase I-IV)
- ▶ Laser Physics
- ▶ Nanotechnology and Materials Science
- ▶ Information Technology and Software Development

<http://www.szegedinnovations.com/content/3/excellence-in-research-and-innovation>

2. Technology Transfer structure at the University of Szeged



From disclosure to protection...



IP Portfolio

- ▶ Over **40 patent families**, including PCT applications and also granted patents in various countries and regions (eq. USA, Europe, Japan)
- ▶ Around $\frac{1}{4}$ of the patent families have been licenced by spin-offs and other partners
- ▶ Researches conducted for industrial R&D commissions generated more than 19 million USD income in the past 5 years.
- ▶ Approx. 5-8 new inventions annually

Services

IP PROTECTION SERVICES

- ▶ Assessing novelty
- ▶ Assessing patentability
- ▶ Studying patent purity
- ▶ IP protection consultancy



BUSINESS SERVICES

- ▶ Developing feasibility study
- ▶ Conducting market research
- ▶ Developing business plan
- ▶ Developing marketing plan



Services

Management of industrial relations

- ▶ Expanding university-business community **partnership**
- ▶ **Business** development
- ▶ **R&D&I** management

H2020 project development

- ▶ Consultancy for **researchers and partners**
- ▶ Developing **project plan**
- ▶ Partner search with „**Excellence Research and Innovation**” database of University of Szeged

UNIVERSITY-INDUSTRY



Utilization of R&D

DISCLOSURES



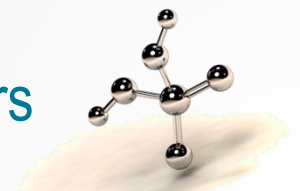
50.000
publications in the
past 5 years

COMMERCIALIZATION

19 m USD revenue from
in 2007-2013 R&D collaborations



More than 40 partners



7 spin-off companies



Our achievements

SELLING

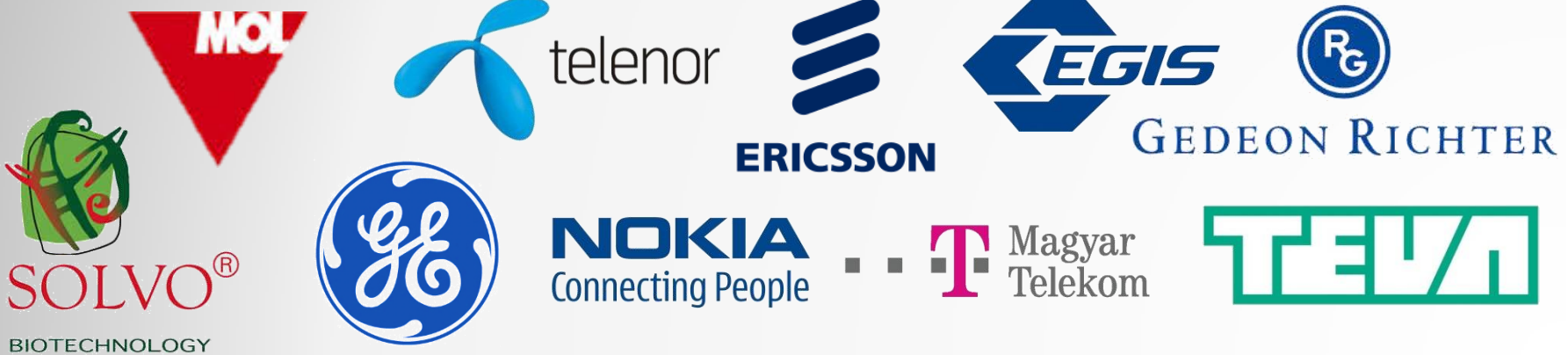


VIESSMANN Group

OUTLICENSING



UNIVERSITY-INDUSTRY COOPERATIONS



RESULTS IN EU PROJECTS

2000-2014 : 50 EU projects

2006-2014: 41 signed EU grant agreements

2008-2014: 4 ERC Starting and Advanced Grants





Thank you for your kind attention!

