



InnoWeit Expert Workshop

Innovation at the University of Pecs

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Technology Transfer Office



Lifelong
Learning
Programme

Pécs, 22. May 2015.

PTE in numbers

- 21.800 students, 2400 foreign students
- 6.507 employee
- more than 60 billion HUF budget
- 419.645 m2 infrastructure, 286 buildings
- 10 faculties with 210 majors
- 22 PhD schools



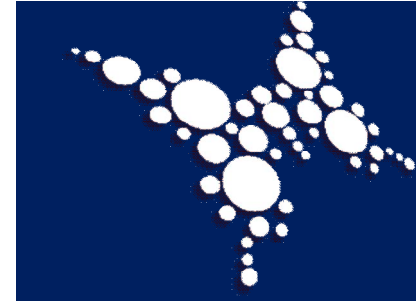
Janos Szentágothai Research Centre

- 7700 m² infrastructure, with high quality equipment and labs (modern research facility)
- International Scientific and Industrial Advisory Board
- 24 research groups
- Biotechnology
- Smart city technologies
- Nanotechnology
- Information technology



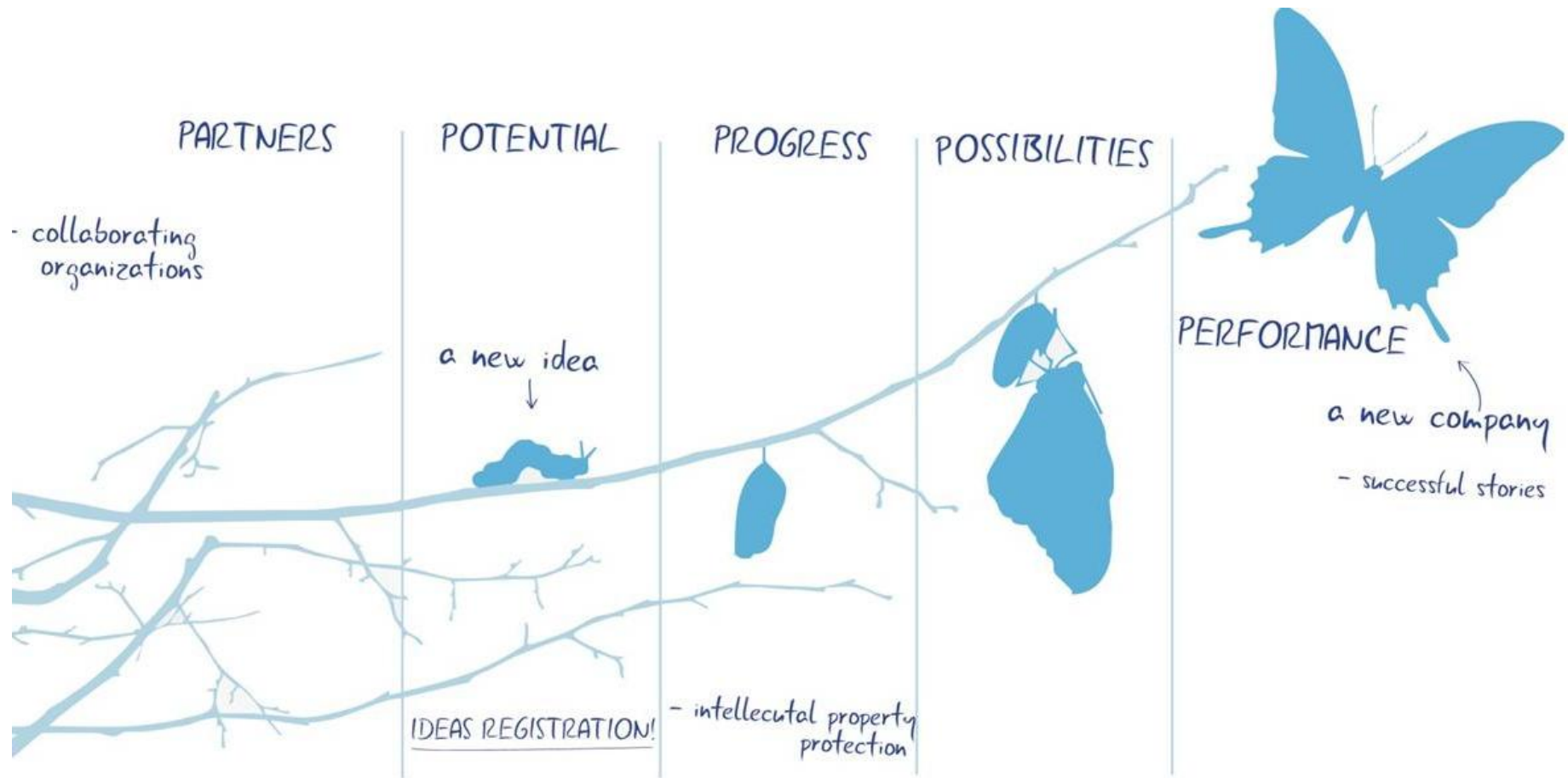
Technology Transfer Office

- Existing from 10 years
- Main activities:
 - Technology-transfer
 - Identification and protection of intellectual property
 - Innovation management and marketing, business partner search
 - Establishing spin-off companies and mentoring
 - Research exploitation
 - Managing research portfolio
 - R+D+I services and facility management
 - Identifying the needs of business sector
 - Trainings, forums, partner meetings



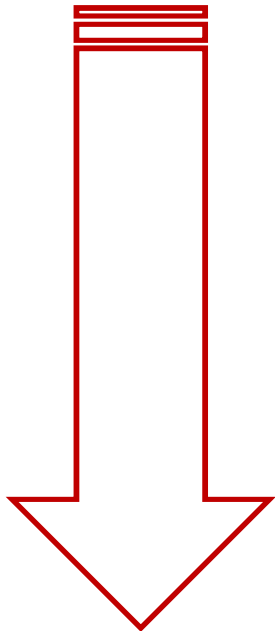
Measuring innovation capacity

- Didn't use such a system before
- It is important because:
 - Exchange of experiences and information among staff
 - Team work
 - Dialogue between leader and employees, opinions
 - Regular meetings and face to face discussions
 - Brainstorming
 - Personal work in accordance with the objectives of the organization, strategy and vision
 - Customer's needs
 - Partner meetings, needs of business sector
 - Flexibility, adapt to rapid changes
 - Training for employees, social awareness, attitude of the CEO



Exploitation

50-80%



R+D

Relationships

Researcher

**Applicat
ion**

TTO

Patenting

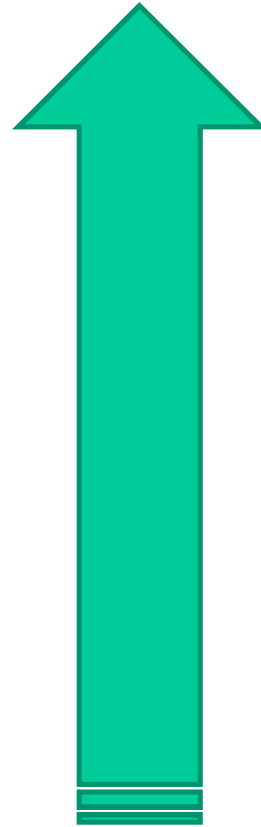
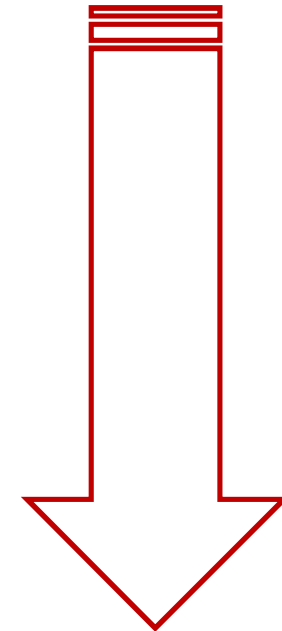
**Innovation
Fund**

20 %

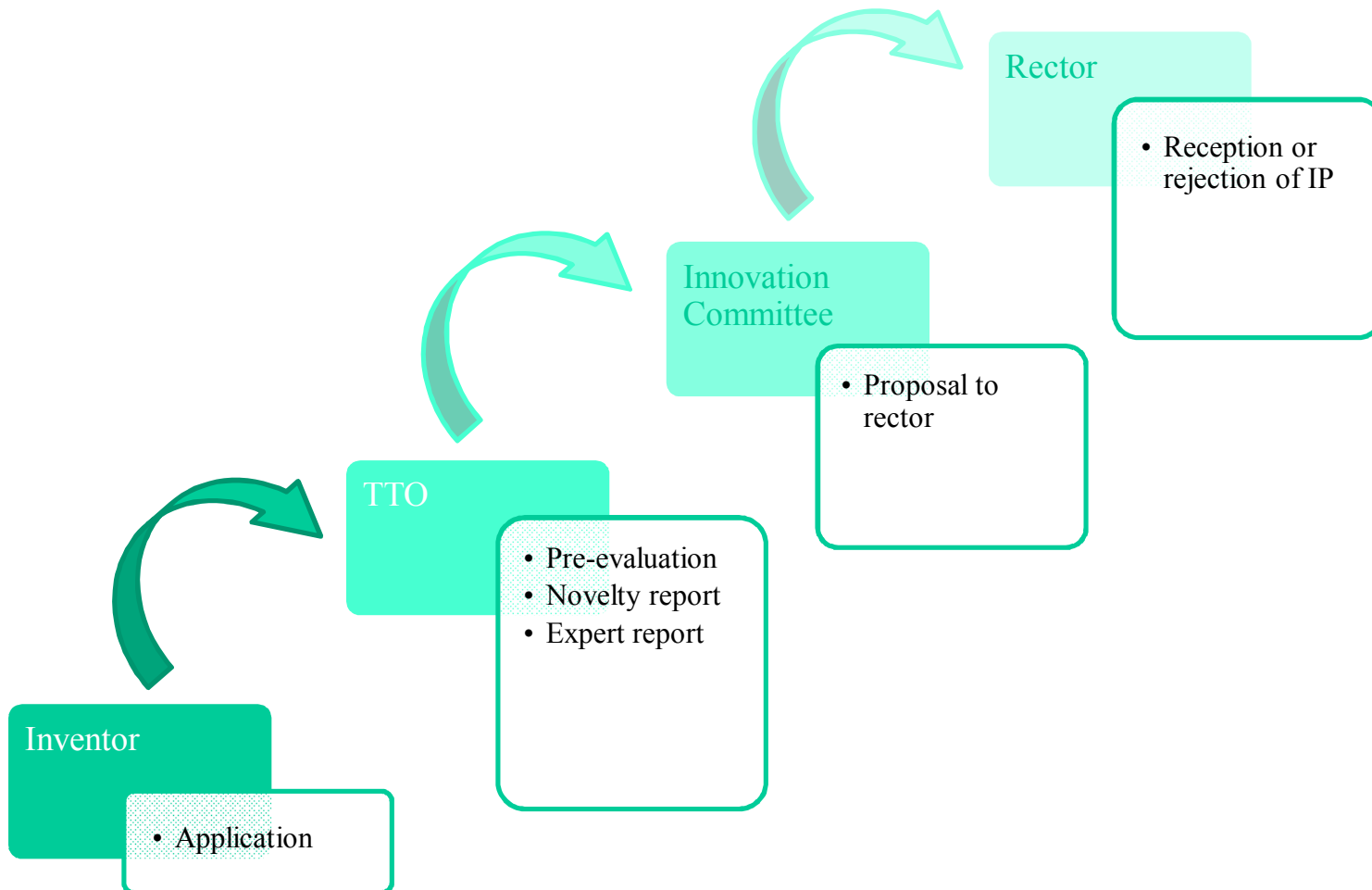
Partner search

**Innovation
marketing**

**Innovation
management**

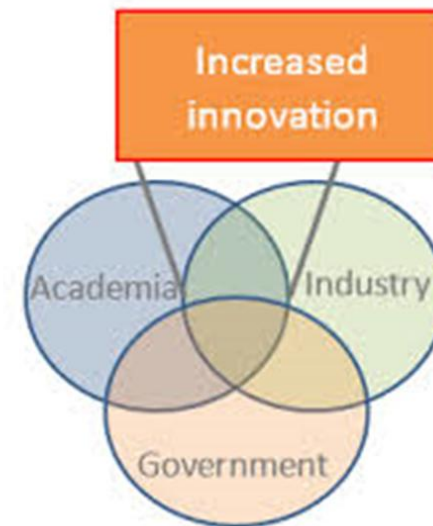


Way of IP



Academy-business

- Tasks of universities beyond education and research:
 - Entrepreneur-service-business-3.generation Uni
 - Education and research responsive to market needs
 - Knowledge transfer into the industry
 - Academy-business relations
 - Enterprising approach
- External (H2020, GINOP) and internal pressure
- Triple helix modell



IP portfolio of University of Pecs

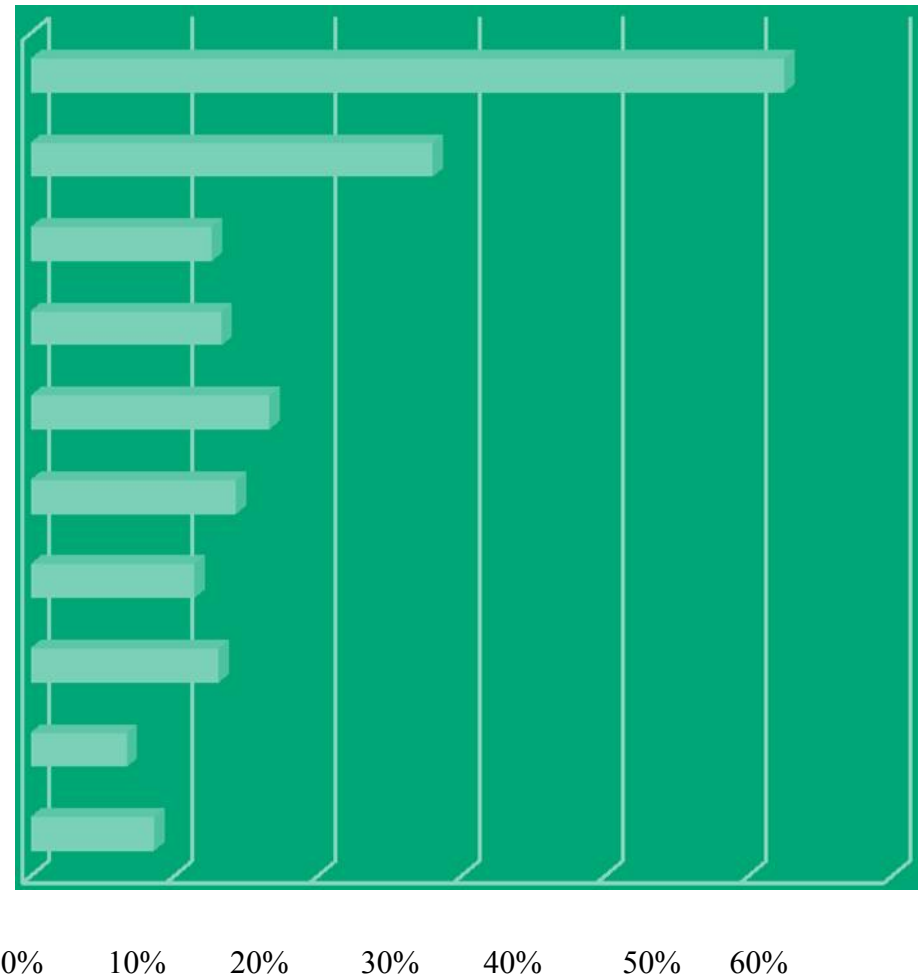
- 86 IPs
- 111 patent applications (91 national and regional applications, 20 PCT (international) application)
- 25 granted patents
- 3 utility models
- 1 trademark

Uni according to business...

- Why is it good for me and my company?
- Bureaucratic, slow, communication is complicated
- Impersonal, huge, no direct contact
- What kind of R+D and services?
- What kind of infrastructure?
- Too theoretical, no practical use
- „Ivory-tower”

Types of relationships

- 1. practice
- 2. education, training
- 3. business experts involved to education
- 4. learning langages
- 5. participation on events
- 6. information services
- 7. commition of experts
- 8. grant partnering
- 9. innovation services
- 10. R+D cooperation



Services of University of Pecs

- Good qualified experts
- R+D competency (people, equipment, modern infrastructure)
- Education forms and themes accordance with the needs of the business sector
- Scientific results, patents
- Cooperation in grants
- Guidance in protection of IPs

Why is it good for enterprises?

- Bridge between academy and business sector
- Information about R+D topics, services, facility
- Support from the project development to implementation
- Free of charge advice how to protect IPs
- Preparing R+D, non-disclosure or cooperation agreements
- Writing and managing EU grants

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FROM INNOVATION TO LIFE LONG LEARNING



Thank you for your attention!

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TTO

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