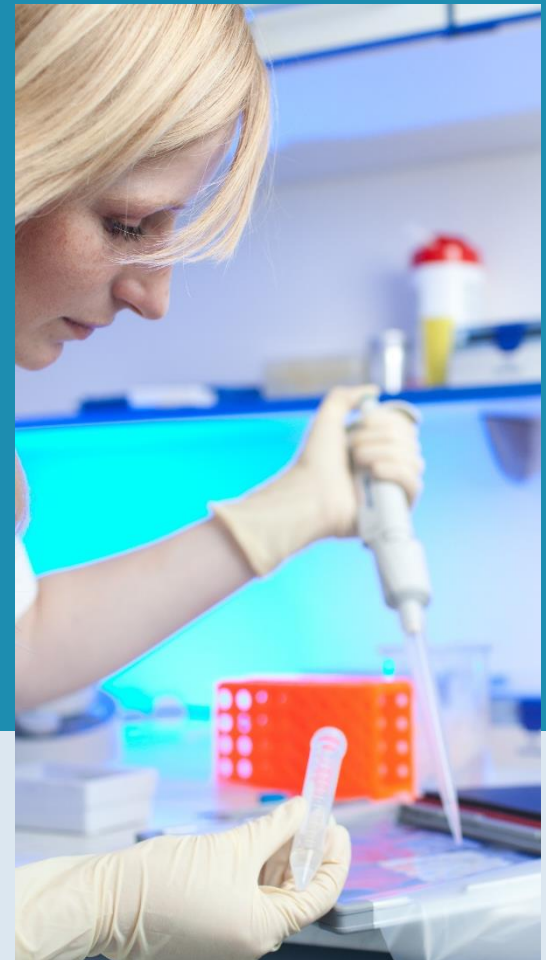




KU LEUVEN
RESEARCH & DEVELOPMENT

KU Leuven Research & Development

Advancing the impact of research
results



KU Leuven: Three core tasks

- Academic education
- Scientific research
- Service to the community = knowledge and technology transfer
 - to society
 - to industry

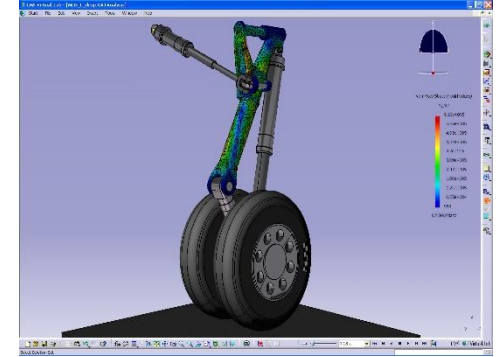


... and a lot of tech transfer

- > 2000 new agreements per year
- 146 patent applications in 2017
- 124 spinoffs so far (employing 6700 people)



Examples of technology transfer



Europe's most innovative university

- Reuters ranks KU Leuven as Europe's most innovative university in its top 100 of innovative European universities (2016 and 2017).
- The Reuters study is based on
 - Number of publications
 - Patent applications (number, granted patents, global coverage, ...)
 - Number of citations of patents and publications (in patents and publications)
 - Number of industrial collaborations
 - ...

Reuters top 100: Europe's most innovative universities

1. KU Leuven

2. Imperial College London

3. University of Cambridge

4. Technical University of Munich

5. École Polytechnique Fédérale de Lausanne

6. University of Erlangen Nuremberg

7. Université Pierre et Marie Curie

8. Delft University of Technology

9. University of Zurich

10. University of Oxford

What do we do? (1)

Research collaboration

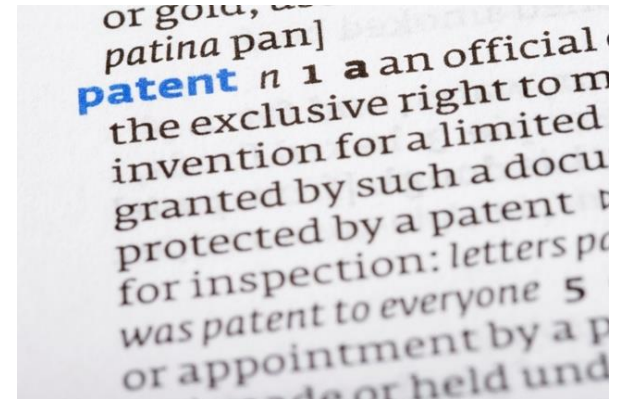
- Create awareness and transfer knowledge
- Provide advice
- Negotiate contracts
- Follow up on contracts
- Manage research files financially
- Offer administrative support
- Prepare legal documents



What do we do? (2)

Intellectual property:

- Create awareness and transfer knowledge
- Assess the feasibility, patentability and market potential of an invention
- Determine a protection strategy
- Draft and file a patent application
- Follow up on patent procedures and costs
- Negotiate and draft NDAs, MTAs and license agreements
- Find industrial partners



What do we do? (3)

Creating spinoff companies:

- Develop business plans
- Validate business models and the market
- Offer legal support
- Put together a competent team
- Find investors
- Find infrastructure
- Manage growth of spin-offs
- Promote entrepreneurship
- Stimulate regional development, networks and clusters



Features that have proven to be important to us ...(1)

- Attitude of the university management
- Time
 - For the TTO being around
 - For the actions of some of the members of the university management to “trickle down”
- Work with the “coalition of the willing”
- Funds for incubation & proof of concept
- Tech transfer office:
 - Autonomous: continuity!
 - One stop shop (see next slide)

Features that have proven to be important to us ...(2)

- One stop shop
 - Consultancy, collaborative research, IP, spin-off, regional development
 - Expertise
 - Referral / introduction
 - Internal tech transfer between university labs
 - HR-services: personnel in labs on payroll TTO
 - Financial services



Thank you