

# Technology transfer activities in Riga Technical University



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# Riga Technical University

## VISION

RTU – modern, prestigious and internationally recognized university – European studies, **research and innovation centre**, a cornerstone of Latvia's development

## MISSION

To provide Latvian national economy with qualified human resources for its stable growth and development

## STRATEGY

**Excellence in research,**

Excellence in study process,

Organizational excellence and identity

Outstanding infrastructure

## General information

Founded	1862
Students	~ 17.000
Academic staff	767
Researchers	502
Graduates	~ 100.000
Academic and professional study programmes	<ul style="list-style-type: none"><li>- Undergraduate</li><li>- Postgraduate</li><li>- Doctoral</li></ul>



## Structural units

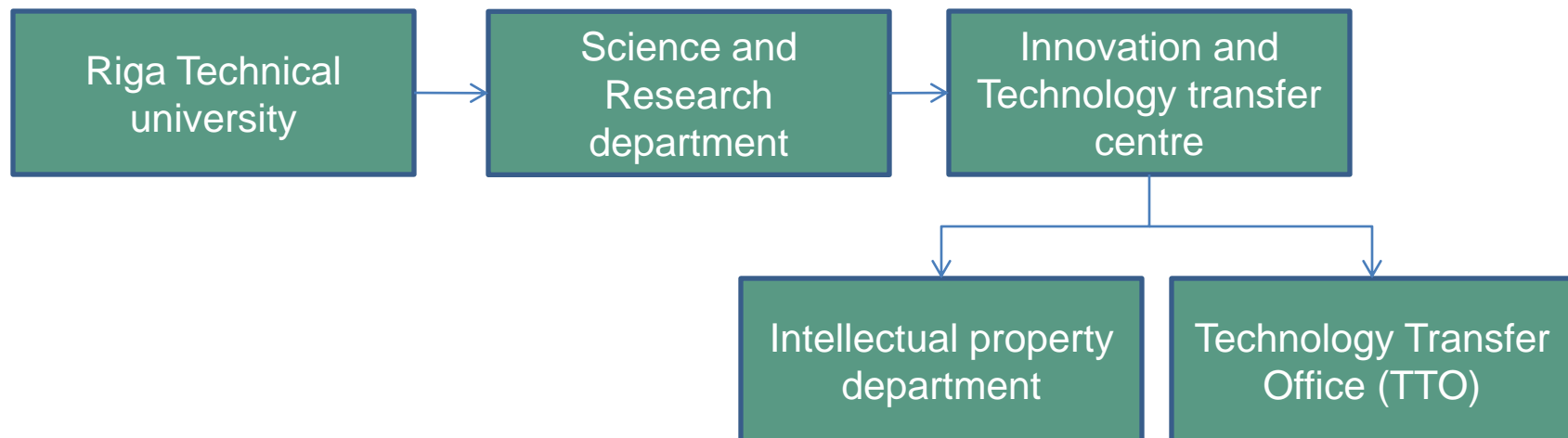
### 8 Faculties

**ARCHITECTURE AND URBAN PLANNING**  
**CIVIL ENGINEERING**  
**COMPUTER SCIENCE AND INFORMATION TECHNOLOGY**  
**ELECTRONICS AND TELECOMMUNICATIONS**  
**POWER AND ELECTRICAL ENGINEERING**  
**ENGINEERING ECONOMICS AND MANAGEMENT**  
**MATERIALS SCIENCE AND APPLIED CHEMISRTY**  
**TRANSPORT AND MECHANICAL ENGINEERING**

**43 institutes, 1 independent institute, 44 departments, 48 professor's groups, 27 laboratories, 19 centers**



## Structure





## INNOVATION AND TECHNOLOGY TRANSFER CENTRE

The aim of the Centre is to facilitate innovation and technology transfer.

RTU Innovation and Technology Transfer Centre:

- › promotes the inventions of RTU researchers and new technologies;
- › helps bringing the inventions and new technologies to market;
- › promotes information about intellectual property created at RTU;
- › maintains database of research competences and research results.



## Technology Transfer Office

### The main tasks:

- Identifies commercial potential;
- helps bringing the inventions and new technologies to market ;
- prepares technology offers;
- protects and develops intellectual property;
- maintains data base of scientific competences;
- consults entrepreneurs and researchers;
- organizes seminars and conferences;
- builds local and international cooperation.



# Technology Transfer Activities



## Brokerage events with Entrepreneurs



## Conference of Innovation and New technologies



## Participation in exhibitions



## Other activities (day of Intellectual property 2011)





## Success story campaign



Bezpilota lidaparāts



Dzeramā ūdens  
attīrīšanas metodes skaistumam un drošībai



Viedapģērbs



Latvijas mālu  
pētījumi



3D virtuāla apģērba  
projektesana



Autonoma robota  
platforma



Bezvadu kardiogrāfs



Mehānikas  
ekspertīzes



Videi draudzīgs  
papīra iepakojums



Nākotnes ideālās  
mājas vīzija



Materiālu stiprības  
testi



Vieda ielu  
apgaismošanas sistēma



Apkures  
kombisistēma



Mīnu meklētāja  
simulators



Videi draudzīgas  
motorzāģu ķēžu eļļas



Hidroksilapatīta  
keramikas implanti



Ekonomiska termosa  
tipa māja



Dzelzceļa  
pretavāriju iekārtas



Datormodelis Kuldīgas  
attīstības plāna izveidei



Ūdens attīrīšanas  
iekārta

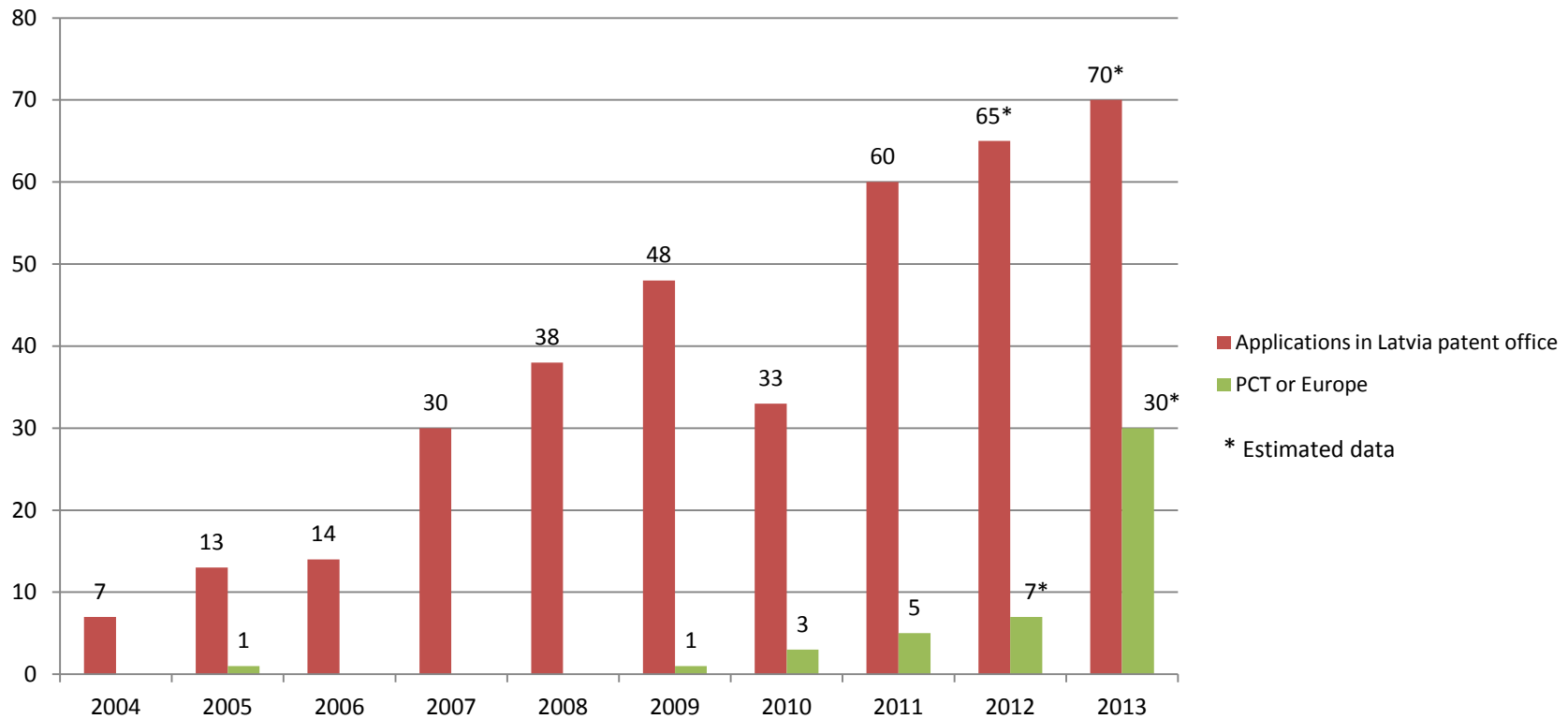
<http://inovacijas.rtu.lv/>



## IPR managment

- IP policy was approved by Senate in 2008;
- Upgrade of the Policy is going to be approved on June;
- No strict evaluation for LV patents;
- PCT or Regional patent applications are evaluated by TTO;

## Intellectual property in Riga Technical university





## Industry partners

- Shareholder of 4 Competance centers;
- 15 Spin-Off's established in 2011 (state research centre program);
- Research agreements with enterprises – 398;
- Research projects with enterprises – 611.





# Thank you for attention!

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