Creating the conditions of innovation involves firstly the transformation of the existing regulatory systems and secondly the development of business-like processes within the framework of these systems.

The exploration of existing projects, research and instrumentation capacities when drawing the knowledge map to see if they can be exploited in any form (product/service to be developed, projects responding to market, etc.). The result of this exercise will be a database.

As part of filtering, the analysis of the assessed capacities from the perspective of the cost-effectiveness of exploitation and the availability of existing or potential industrial partners.

Ensuring adequate protection of industrial property rights related to inventions.

Selection of optimal exploitation method, ensuring contractual background.

Business development refers to finding concrete or potential industrial partners and attracting external capital.

Innovation chain

Cloud detector

Presenting the Center for Innovation, Technology Transfer and Grant Affairs of Eötvös Loránd University

Innovation Prize

Knowledge map
Eötvös Loránd University (ELTE)

Eötvös Loránd University (ELTE) is the longest continuously serving university of Hungary with about 30,000 students. It was founded in 1635 and serves the interest of high quality education and research, building upon the best European traditions. The mission of ELTE is to preserve and enrich national and universal culture, to cultivate science and to pass on academic knowledge, as well as to shape and satisfy the real, long-term needs of Hungarian society and of mankind. ELTE aims to educate intellectuals with up-to-date knowledge and versatile culture.

ELTE has extensive relationships with about 120 universities in Europe, Asia, Africa, North and South America through formal agreements for cooperation and exchanges at institutional or faculty level. The main areas of cooperation are joint training and research projects, joint participation in international conferences and workshops, accreditation of courses and also exchange of students (annually more than 1000 students) and guest lecturers. ELTE is member of several international university networks, such as EUA, UNICA, the Coimbra Group, the Utrecht Network and the Danube Rectors Conference. Currently ELTE has 227 partner universities all over Europe.

ELTE takes part in 4 successful proposals within the framework of the Hungarian Development Plan: the Economic Competitiveness Operational Program, which provides support in developing the partnerships and networks for cooperative research and technology transfer between higher education and the business sector.

Altogether 39 FP6 projects were granted with a total value of more than 4.2 million euros. 26 of the university’s FP7 projects were granted, of which 5 projects with coordination, with a total value of more than 6 million euros (2 of them is ERC Starting Grants, and 2 Advanced Grants). ELTE was the coordinator in 2 FP7 projects.

Center for Innovation, Technology Transfer and Grant Affairs (PIK)

As an office of ELTE, the Center for Innovation, Technology Transfer and Grant Affairs (PIK) works under the vocational guidance of the Vice-Rector for Science, Research and Innovation and provides its services through closely cooperating offices (Office of Grants, Technology Transfer Office).

The PIK manages the university’s tasks related to research management. It prepares the development of research strategies, coordinates the work of the institution’s R&D body, establishes and runs the R&D record system calls (themes, contracts, publications). The office provides informations about research norm and statistics, gives information about the R&D activities and results through various publications, newsletter and its homepage, and cooperates with Hungarian and foreign universities, technology transfer offices and companies.

The Technology Transfer Office

The Technology Transfer Office has worked within the framework of the university since 2006, within the Center for Innovation, Technology Transfer and Grant Affairs. It has gained experience of academic research and commercial product development, along with knowledge of contractual, licensing and intellectual property issues. Its main goal is to bridge the gap between academic research and commercialisation.

The main activities of the TTO are:
- contribution by obtaining patents,
- negotiating license agreements,
- providing information about intellectual property rights,
- coordinating research agreements,
- building up and maintaining connections with the industry,
- building up and maintaining several research related databases (e.g. research infrastructure, research grants)

The university’s researchers report 8-10 new inventions to the TTO, which generate 3-4 new national patent application yearly. The TTO organizes different programmes to make our researchers familiar with their rights and obligations. It made several activities raising IP awareness, and an IP guide through a project within the framework of the cooperation programme with the European Patent Office, and the Hungarian Intellectual Property Office.

Beyond the personal consultations, the TTO has organized a National Innovation Day year by year for 8 years, which has become a country-wide event. At this event we invite different representatives of the Hungarian Intellectual Property Office, the main actors of the economy and the government who should be involved in cooperation. Through the presentations the inquiring researchers could get closer to the possibilities, and the innovation chain. Therefore the events are guaranteed, where the TTO will share best practises with other TTOs on national level. The adequate connections with government representatives have been also established.

The TTO has founded an Innovation Prize for 6 years, that is given to the researcher who has done the most in this field the previous year. A Student Innovation Prize has also founded, which ensures the students a possibility to work on their ideas and projects. The Center for Innovation, Technology Transfer and Grant Affairs gained further experience in organizing events by participating in the FP7 Researchers’ Night since 2007 which is the part of the European event showing scientific work through interactive programmes and laboratory visits.