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ORP
Open Research
Platform



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www.orp.euris-programme.eu



Open Research Platform

project is a subproject under European Union programme EURIS (European Collaborative and Open Regional Innovation Strategies) which is an inter-regional cooperation programme which aims to help regions to embrace "Open Innovation" leading to open and accelerated cooperation rates between Innovation Stakeholders on a globalised knowledge economy.

EURIS is supported by the INTERREG IV C Programme financed by the European Union's Regional Development Fund (ERDF), helping Regions of Europe to work together to share experience and good practice in the areas of innovation and the knowledge economy.

Technology Transfer by any means is one of the key features research-based universities have to consider when willing to deepen contact to industry, gain research

funding, ease the forming of spin-offs and marketing their research activities to the interested public.

The **Open Research Platform is one feature to support this general strategy.**



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ORP PROJECT GOALS

The Open Research Platform project was the initiative of 6 partners from 4 European regions. Germany is represented by the University of Stuttgart, Hungary – by the Knowledge Management Centre of Szechenyi Istvan University, and Spain – by the Public University of Navarra. The Łódź region is represented by the 3 largest public universities: the University of Łódź, the Medical University of Łódź and the Technical University of Łódź. The cooperation within the project is envisaged for the period from June 2011 to November 2012.

The ORP project aims at the enhancement of technology transfer. It shall be a tool to ensure efficient cooperation between academic institutions and companies in the translation of scientific achievements into economic effects. It will assess the potential of the regions involved and enable the exchange of experience and best practices in building relations between academia and economy.

RESULTS

The project involves modern academic centres in large innovative regions which consider the exchange of knowledge one of the main sources

of funding for scientific research. The participants of the ORP project aim to improve the cooperation and communication with economic and business environments by developing an electronic tool – OPEN RESEARCH PLATFORM – the main result of the project.

The Platform shall facilitate communication and the exchange of information between its users – universities, companies, young and experienced entrepreneurs, self-government institutions, etc. Moreover, the Platform shall be the forum for exchange of good practices, experience and ideas, i.e. for using the **open innovation** method.

Open innovation and knowledge transfer



Dr. Tibor Dőry
Director

Knowledge
Management Centre
Széchenyi István
University

Open innovation is an emerging paradigm promoted by Professor Henry Chesbrough (University of California, Berkeley) from early years of the new millennium. It assumes that "firms can and should use external ideas as well as internal ideas, and internal and external paths to market, as the firms look to advance their technology". This observation is valid because nowadays companies are seeking to obtain knowledge more quickly from external sources and use more of their results as sources of innovation. Therefore, collaborative research and knowledge transfer is becoming a key source of innovation.

In this context, the role of universities is changing, although they serve the public interest through their pursuit and dissemination of understanding. They provide advanced education and training, carry out research and facilitate knowledge exchange and transfer. Besides their traditional activities, universities and public research organization are becoming more market-oriented. They implement processes to leverage their knowledge and skills by working together with industry; they manage the knowledge they generate as intellectual property rights (IPRs), and stimulate the creation of new companies. Knowledge transfer by any means is one of the key features, research based universities have to consider when they willing to deepen contacts to industry, gain research funding, ease the forming of spin-offs, and marketing their research activities to the interested public.

At present, knowledge is accumulated and processed in various places, at various levels and times. The experiences of industry-academia relationships depict how important role plays the organisational knowledge and knowledge transfer know how at universities. The development of this knowledge does not happen overnight that requires critical mass of research activities supported by effective project and knowledge management processes as well as well thought-through information systems.

At regional level, for example, academic/research organisations, development centres, laboratories, etc. collect data and make their own, separate databases. The access to so dispersed knowledge is not easy and requires laborious search or is simply

impossible. It is frequently limited to the same collaborating institutions, which is a consequence of the lack of knowledge about potential partners or of the lack of possibility to present an institution's own resources to others.

As stated in the name of the project, Open Research Platform, the most visible output of the project will be a web-based portal serving the needs of co-operation in a climate of open innovation. The portal is intended to offer tools for collaboration between academia and business under the open innovation paradigm.



Project Consortium

Lead Partner



University of Stuttgart
Germany

The University of Stuttgart.

with its focus on Engineering and the Natural Sciences and their embedment in society and the economy, is one of Germany's most successful research universities and is a member of TUg - a group of the leading technical universities in Germany.

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The Public University of Navarre

(UPNA) is a teaching and research institution officially founded in 1987 with around 8,200 undergraduate and postgraduate students. Research and teaching quality has achieved a high position among the leading research universities in Spain according to recently published ranking.

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Széchenyi István University

(SZE Győr) is located in a continuously growing industrial region in North-West Hungary. The university has strong and long relationships with both large multinational companies and local SMEs. The departments carry out various types of R&D activities and projects with and for the business sector.

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University of
ŁODZ

The highly respected **University of Łódz** is one of the leading institutions of higher education in Poland. It is also one of the strongest science and research centres in the country. For decades it has been also one of the biggest and most popular Polish universities. University of Łódz pursues an objective of gaining strong competitive position at Polish and international market through high quality education, high quality research and excellent research centres created by interdepartmental research teams.

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The Medical University of Łódz

is one of the leading medical research centers in Poland. In one academic year over a hundred research grants are awarded, as well as numerous research contracts. It has been carrying an extensive international scientific cooperation. Medical University of Łódz has great experience in innovation in the field of biotechnology and life-science. University has a large cooperation with business in order to indicate transfer of knowledge.

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Technical University of Łódź

Łódź University of Technology

is one of the largest technical universities in Poland. The university intensively has worked to develop science and technology transfer to industry, supporting cooperation between the TUL's scientists and entrepreneurs in terms of undertaking new business ventures (start-up, spin-off companies). Furthermore, TUL collaborates closely with the largest companies to implement innovative engineering techniques and advanced technologies of international standards. The establishment of effective cooperation between science and industry is intensified by consortia which bring together leaders from business and the university.

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Project WEBSITE

<http://orp.euris-programme.eu/>