



The CAD Laboratory - LECAD is one of the laboratories founded on the Faculty of Mechanical Engineering. Its main role is to perform research and pedagogic work in the field of engineering design. It also provides consultancy to industrial partners.

Organizations in eRegion

ALADIN ALpeADria INitiative Universities' eNetwork

The universities in the ALADIN network are desiring to strengthen the friendship and cooperation between them, recognising the importance of developments in eIntegration, particularly in eBusiness, eGeomatics, eGovernment, eHealth, eLearning, eLogistics and eManagement of Disaster Relief, and in all the applications of the ICT for the benefits of the European Citizens.

Common ideas and knowledge in teaching and research activities will be shared, cooperating to create mobility of students and professors, offering common lectures and educational programmes, creating virtual teams of students from different Universities and professors lecturing at different Universities, promoting research cooperation with SMEs and Governments, in order to harmonize with global and international activities of ICT in the Enlarged Europe.

Universities of Corvinus Budapest, Hungary; Karl-Franzens Graz, Austria; Košice, Slovakia; Maribor, Slovenia; BW München, Germany; Novi Sad, Serbia & Montenegro; Prague, Czech Republic; Rijeka, Croatia; and Trieste, Italy.



44 leading Slovenian companies, institutes and faculties in the field of ICT decided to form a technological network with the aim of an efficient technological synergy. The network binds together companies in largest context of ICT, which includes electronic communications, networks, applications, security, laboratories, testing, surveillance, e-business, demo centres, system management, services, knowledge exchange, education, etc. It is organized in accordance with the EU technological platforms, participates actively in different EU programs and bids for EU funding.

Major Events in eRegion

Hevrek! - Meeting Point of New Technoservices

<http://www.hevrek.si>



The largest and most important annual event of the technological sector in the region which combines the traditional exhibition and fair with educational activities, conferences, summits, demonstrations, theme parks and interactive visitor centres. Hevrek! is held in Ljubljana in April.

eValues - The Bled eConference

<http://www.BledConference.org>



This conference attracts speakers and delegates from business, government, information technology, providers and universities and is the major venue for researchers working in all aspects of the "e". The conference is held annually in June.

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ICT-Powered eRegion



**Towards a Knowledge Society
The Nordic Experience**

November 14-15, 2005, Gothenburg, Sweden

eRegion - The Geographic Entity of the Information Society

From geographic perspective, eRegion is an area of some 200-500 kilometers around a point of observation in which business and government organizations and individuals extensively use IST in doing business and supporting everyday activities. Formation and function of such eRegions enables dealing and coping with many of the contemporary challenges which Europe is facing with.

Implementation of the goals of the Lisbon Declaration and policies of EU technology platforms stimulates different forms of regional partnership. ICT-driven solutions in particular enhance cross-border partnership and foster cross-regional cooperation among geographic neighbours. In the case of Slovenia, eRegion expands broader around the wider circle of the crossroads of the Vth and Xth European mobility corridors in Ljubljana.

Slovenia - ICT Convergence Point of the eRegion

Although tiny on the global map Slovenia encompasses the crossroads of two major European traffic corridors and its access to the Adriatic enables the quickest transfer of goods from the Mediterranean to Central Europe. Four large European geographic regions merge on the Slovenian territory resulting in a diverse landscape with unparalleled natural beauty and large climatic variety. Combining the important geographic location and natural characteristics with an excellent level of ICT development give Slovenia the advantage of a centre-point in a trans-national eRegion.

Renowned companies, institutes, research facilities, faculties, test centres and laboratories are equally dispersed across the Slovenian territory and can easily connect and cooperate with similar centres across national borders. Such bilateral and multilateral international projects can significantly contribute to

the extensive use of IST and increase the percentage of the technology inclusion among the population.

The trends of merging and converging enable different economic branches to cooperate and intermingle thus forming a unique technological opportunity which is not to be missed. These development trends and research characteristics coincide with the European political evolution and the expansion of the EU, which has removed the obstacles and has mitigated the conditions for successful international projects and cooperation.

In this respect, the eRegion can assume the role of an »ICT Innovation Platform« and a »Living Lab« for intelligent and safe circulation of people, knowledge, services and goods. A living lab is where scientific knowledge, cutting edge research and technologic excellence meet real environment and working market. Our universities and ICT industry players are ready and motivation is high. We seek broad partnership and large scale support to target logistical, organisational, interoperable, regulatory and last but not least political issues.

Throughout its history Slovenia has proven capable of setting high goals and has implemented them successfully. Thus its leading role in the establishing, eRegion is anticipated.

Slovenia - Facts and Figures

Area: 20,273 km²
Population: 2 million
Capital: Ljubljana (300 000 inhabitants)
GDP per capita (2004): EUR 12,979
Growth in GDP in 2004: 4.6 %
Universities: 3
Students: 100 000



Some Slovenian Labs and Test Centres in eRegion

Laboratory for Telecommunications
<http://lt.fe.uni-lj.si>



Laboratory for Telecommunications at the Faculty of Electrical Engineering in Ljubljana is involved in education, research and development of telecommunication systems and services. It participates in many national and international projects and networks, works closely with successful Slovenian ICT companies and is the creator of many solutions nowadays widely implemented in IST services nationwide.

eLivingLab
<http://www.eLivingLab.org>

[eLivingLab](http://www.eLivingLab.org)

eLivingLab is a meeting point for researchers, developers and users who are active or interested in the "e". The objective of the LivingLab is to develop multi-disciplinary research and testing platform concentrating on the immediate environment from the users' point of view. The new model of delivering goods or services is in focus. It is made possible by digitalization and demanded by social changes and the increasing integration of services, products and spatial environment.

Sintesio NGN Interoperability Test-site in Slovenia
<http://www.sintesio.org>



Located in Bled, SINTESIO is an open, non-profit NGN test laboratory, endorsed by European Telecommunication Standardization Institute (ETSI), and co-founded by industry partners, standardization institutions and universities. The aim of the test laboratory is to prepare, organize and execute conformance, interworking and interoperability testing based on the set of NGN standards.