

Since 2002 Kaunas University of Technology is a partner in the two EU IST Grid Projects.

Kaunas University of Technology
Computer Networking Dept.

Bronius Tamulynas

KTU as a partner aims to integrate into EU Grid Learning space and to achieve two main goals:

Using Grid technologies to establish Virtual Learning Organizations including science and academic institutions.

E-Science Grid resources have to be used for advanced studies (especially by MSc and PhD students) at higher education institutions.



Kaunas University of Technology, 2004



FP5 Thematic network project IST-2001-38763, 2002 - 2004



Learning Grid of Excellence Working Group (LeGE-WG) LITHUANIAN NODE

<http://www.lege.ktu.lt>

The **Learning Grid of Excellence Working Group (LeGE-WG)** aims to facilitate the establishment of a European Learning Grid Infrastructure by supporting the systematic exchange of information and by creating opportunities for close collaboration between the different actors.

KTU partner
in the EU IST
Grid Project



Kaunas University of Technology, 2004



EC Framework 6 Integrated Project, 2004 - 2008



European Learning Grid Infrastructure (ELeGI) LITHUANIAN NODE

<http://www.elegi.ktu.lt>

The European Learning Grid Infrastructure (ELeGI) project has the ambitious goal to develop Grid technologies for effective human learning, focused on knowledge construction.

It will be done by using experiential based and collaborative learning approaches to replace the current information transfer paradigm focused on content.

KTU
partner in
the EU IST
Grid Project



Kaunas University of Technology, 2004

ELEGI identified the following learning Service Scenarios:

- **Learning services for Large Community**
- **Organic Chemistry (17 million formulas)**
- **e-Qualification**
- **Masters in ICT**
- **Physic Course (4 semesters)**

In parallel to the EU project activities, KTU is going to create Service Oriented Grid Infrastructure (within University) on the basis of LITNET network as well as to create Grid aware applications for studies at MSc and PhD levels.

KTU
partner in
the EU IST
Grid Project



Kaunas University of Technology, 2004

Participants (1)

- Centro di Ricerca in Matematica Pura ed Applicata, IT
Centro di Eccellenza su Metodi e Sistemi per l'Apprendimento e la Conoscenza, IT
Université Montpellier 2, FR
Telindus Group NV, BE
University of Southampton, UK
University of St. Andrews, UK
Karl-Franzens-Universität Graz, AT
The Open University, UK
Council for the Central Laboratory of the Research Councils, UK
Universität Stuttgart, DE
Ruhr Universität Bochum, DE
Kauno technologijos universitetas, LT



Kaunas University of Technology, 2004

Participants (2)

- Communication & Systèmes - Systèmes d'information, FR
Friedrich-Alexander-Universität Erlangen-Nürnberg, FIM
Neues Lernen, DE
Hellenic Open University, EL
University of Dundee, UK
Research and Education Society in Information Technologies, EL
Facultés ND de la Paix, BE
Centre National de la Recherche Scientifique, FR
Université de Pau et des Pays de l'Adour, FR
Centrale Recherche SA, FR
Europäisches Microsoft Innovations Center GmbH, DE



Kaunas University of Technology, 2004

Thank you



Kaunas University of Technology, 2004