

//PROJECT PARTNERS

✦ VŠB-Technical university of Ostrava Faculty of Civil Engineering / Czech Republic

VŠB-Technical University of Ostrava is a dynamically developing institution with important activities in science and research, inclusive co-operation with industry and business environments. VSB-TU Ostrava is the 4th largest university in the Czech Republic. The Faculty of Civil Engineering offers higher education in the study programmes of Civil Engineering, and Civil Engineering and Architecture. The Faculty is experienced in solving projects by Czech Science Foundation, various Czech Ministries, Development Fund for HEI and participates on international projects such as Leonardo da Vinci, Erasmus. The results of the project will be used in education in Master's study branch of Municipal Engineering and Town Planning. The Faculty organizes seminars and cooperates with CKAIT in the field of lifelong learning. The Faculty acquired ISO 9001:2000 in 2005

✦ IURS o.s., Institute for sustainable development of settlements / Czech Republic

IURS o.s.(Institute for sustainable development of settlements) is a Prague-based non-profit civic association registered under the Czech law at the register of the Czech Ministry of Interior. IURS is devoted to the advancement of more sustainable urban development in Central and Eastern European cities. IURS builds broad coalitions and initiated projects in the interest of restraining urban sprawl, facilitating the reuse of previously urbanized land (brownfields) and is working on increasing local communities' sustainable urban development skills. IURS' association with several international networks and research projects serves to expand our membership base and build our organizational expertise. We offer our know-how and skills to those who need them (www.brownfields.cz). IURS was the key knowledge partner and an initiator of the original LEPOB project

✦ SPECTRA Centre of Excellence STU in Bratislava / Slovakia

The Central European Research and Training Centre - SPECTRA of the Slovak University of Technology in Bratislava was established in 1998, based on international co-operation as a form of interdisciplinary research and training unit. The Centre develops its own research activities, based on interdisciplinary research of the issues of complex spatial development, with the emphasis on the problems of development of settlement structures. Research focus is not only concentrated on basic research, but also on applied research in the field of methods and instruments of spatial planning, redevelopment, expertise and assessment. It is taking part in several projects of the 5th FP under the key action City of Tomorrow and Cultural Heritage of the Energy, Environment and Sustainable Development thematic programme.

✦ Kaunas University of Technology / Lithuania

Kaunas University of Technology (KTU) takes its roots in 1920. More than 20000 students study there, almost 1200 lecturers and researchers (160 professors, 450 associate professors, 680 doctors, and 120 doctors habilitus) work at KTU. The mission of KTU is to be an important part of the global university community and one of the most significant centres of the Lithuanian science, to be involved in development of the information and knowledge-based society. Traditionally, the University carries out research and experimental activities in the field of environmental engineering, energy, computer science and others. KTU actively participates in Lithuanian High-Tech and Priority research and experimental development programmes. Over many years, the University has gained the unique research facilities, skilled specialists and experience.

✦ Rezekne Higher Education Institution / Latvia

The Rezekne Higher Education Institution (RHEI) was established on the basis of the branches of the University of Latvia and Riga Technical University. On July 1, 1993 RHEI began to run as an independent higher education institution. The aim of RHEI is to provide academic and professional higher education in compliance with the science development level and cultural traditions of Latvia being competitive in the European education space; to develop culture, science and education in Latgale region and thus in the whole Latvia. RHEI realizes study programmes important for national economy like engineering, economics, pedagogy, humanities and law, philology and education programmes of creative industry. In period of Rezeknes Augstskola existence there have been increasing amount of specialists with higher education and registered enterprises in the city of Rezekne and region of Latgale.

The Latgale Sustainable Development Research Institute (LSDRI) was founded on June 27, 2005 as structural unit of the Engineering Faculty. The Institute does the research in the problems of environmental protection, ecotechnologies, natural resources, agricultural ecology and regional economics in order to achieve the objective.



//PROJECT INTRODUCTION

✦ Project Aims

The overall aim of this project is to accelerate the sustainable urban development skills. This will be achieved by providing information and experience in brownfields regeneration to practicing professionals, representatives of municipalities and regions as well as to students who may once play an important role in brownfields regeneration after their graduation. The aim of the project is to prepare an educational material and develop local teachers capable to teach aspects of this multi-disciplinary subject.

✦ Findings

Conclusions regarding 'brownfields' reuse/regeneration proposed by other EU projects, such as CLARINET, CABERNET, WELCOME and RESCUE suggested, that one of the main barriers to the regeneration of derelict and polluted land would appear to be a lack of stakeholders' knowledge and available training/education. Interdisciplinary approaches are essential. Professional practitioners, trainers, administrators, decision makers, investors and potential investors, are all in need of materials and training in the principles of sustainable urban regeneration. Such materials remain unavailable (even in established EU countries, many aspects of 'brownfields' regeneration are rarely covered by coherent multi-disciplinary teaching modules).

✦ Project Solution

From the long-time aspect the project is focused on people in various activity sectors, representatives of towns and municipalities and developers and others who will benefit from the information acquired during the course and from the handbooks that will help them in their jobs and increase the speed of brownfields regeneration as well. Educational packages, produced by the project, address the 'brownfields' regeneration issues using cross-thematic and cross-professional approaches. That could be profitable for the whole society.

✦ Dissemination

The project dissemination strategy is based on specific needs for subject related continuing education for practicing professionals and municipal government and to enhance the existing educational scope. To achieve as high rate of awareness on the project to as wide group of those interested as possible a separate internet project website will be created. The expected project website address is: <http://fast10.vsb.cz/bribast>.

//MAIN GENERIC MATERIALS

- **Brownfields Handbook:** (160 pg approximately)
 - **Section 1** - Introduction section
 - **Section 2** - Planning and development section
 - **Section 3** - Technical and environmental section
 - **Section 4** - Legal and liability section
 - **Section 5** - Economical aspects section
 - **Section 6** - Financial section
 - **Section 7** - Social issues and participation section
- **Teaching materials for teaching course 8 Modules**
 - **Section 1** - Introduction section
 - **Section 2** - Planning and development section
 - **Section 3** - Technical and environmental section
 - **Section 4** - Legal and liability section
 - **Section 5** - Economical aspects section
 - **Section 6** - Financial section
 - **Section 7** - Social issues and participation section
 - **Section 8** - Brownfields game - "What to do with it?"

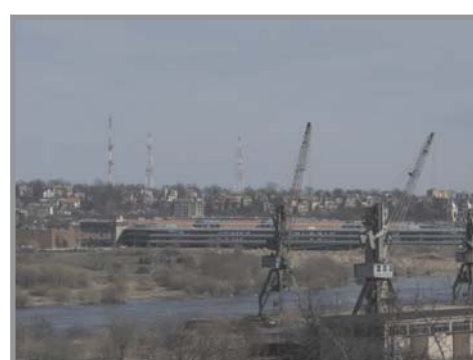
- THE COURSE IS PREPARED AS AN 8 TEACHING HOURS COURSE. FOR THIS COURSE ABOUT 120 POWERPOINT SLIDES AND WILL BE PREPARED AS WELL AS A TEACHING MANUAL FOR LECTURERS IN THE EXTENT OF ABOUT 80 PAGES.



Textile factory KAUNO AUDINIAI - before regeneration



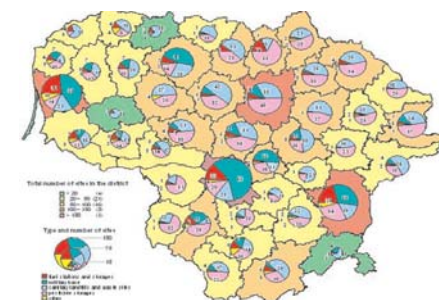
Textile factory KAUNO AUDINIAI - before regeneration



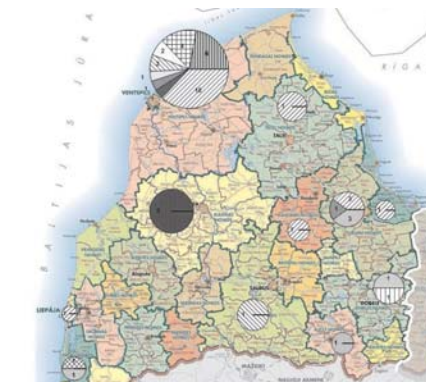
Brownfields in Latvia



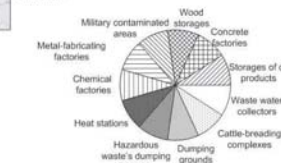
After regeneration



The location of contaminated sites by contamination types in Lithuania. Sources: LGT



LEGEND



The location of contaminated sites by contamination types in Lithuania. Sources: LGT