

# Visegrad Fund



## BROWNFIELD REGENERATION IN THE VISEGRAD COUNTRIES

### PROJECT DESCRIPTION

#### Background

Brownfields represent a problem both at the local level and at the society level. Their effective regeneration brings profit to communities and improves competitiveness and cooperation in the whole society. At both levels the economic, environmental, cultural, social, managerial and technical aspects are always considered.

#### Objectives

This project has focused on deepening the knowledge in the issues related to brownfields. Brownfields are abandoned or underused areas in the built-up and rural areas that require intervention to be returned to beneficial use. Brownfield redevelopment solutions are needed for growing local economy and this needs sufficient know-how, which can supply missing local knowledge and help prepare suitable national, regional and local policies and program priorities. This project wanted to accelerate gaining of such a knowledge and know-how and supply it where it can be most pertinent - that is during the university 2nd degree of study just before the students leave the university for practice. That is why the Slovak University of Technology in Bratislava supported by the Visegrad University Study Grant No. 60900015 prepared such a course in the frame of the study programme "Spatial Planning". 3 partners from 3 countries (SK, CZ, PL) were working together in this VUSG project to collect and exchange knowledge, experience and know-how with brownfield regeneration. This project is implemented through the IVF fund.

#### Concept

The project has provided a multi-disciplinary background in brownfield related knowledge that will enable postgraduate students to grasp the breadth of

the brownfields issue and enable them to consider well founded and integrated solutions. In particular it was focused on the key aspects and issues of brownfield redevelopment in the form of modules:

- Brownfields versus Greenfields in the Process of Urban Sprawl.
- Brownfields as Spatial Planning, Land-Use and Real Estate Issues.
- Methodology of Brownfield Regeneration and Project Management.
- Methods and Instruments for Brownfield Redevelopment Project Preparation.
- Studio of Integrated Specialised Spatial planning – Identification, Visualisation of Brownfields and Underused Areas in Municipalities and Redevelopment Project Preparation.
- Brownfield Redevelopment Planning
- Brownfield Construction and Technical Aspects
- Brownfield Environmental Aspects
- Brownfield Economic and Management Aspects
- Financing and Legal Aspects of Brownfield Redevelopment
- Social and Cultural Issues related to Brownfields
- Public Participation in Brownfield Redevelopment
- Examples of Brownfield Regeneration
- **Outputs:**
- Brownfield monograph "Brownfield Regeneration in the Visegrad Countries" in English

- Brownfield monograph "Teória a metodológia revitalizácie brownfieldov vo Vyšehradských krajinách" in the Slovak language
- Brownfield Teaching Course based on modules Studio Projects of Brownfield Redevelopment Website of the project at [www.spectra-perseus.sk](http://www.spectra-perseus.sk)

### PARTNERSHIP

BROWNTRANS Lead Partner

IVF VUSG Lead Partner

- Slovak University of Technology in Bratislava (SK), SPECTRA Centre of Excellence of EU
- [www.stuba.sk](http://www.stuba.sk), [www.spectra-perseus.sk](http://www.spectra-perseus.sk)

IVF VUSG Project Partners

- VVŠB-Technical University of Ostrava, Faculty of Civil Engineering (CZ)
- [www.vsb.cz](http://www.vsb.cz)
- Gdansk University of Technology, Faculty of Architecture (PL)
- [www.pg.gda.pl](http://www.pg.gda.pl)

### Duration

09/2010 – 09/2013

### Funding: International Visegrad Fund

Project No.: VUSG 60900015

More information is available on the project's website at [www.spectra-perseus.sk](http://www.spectra-perseus.sk)