



Lifelong Learning Programme



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# BRIBAST

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## Brownfields in Baltic States - Lifelong Educational Project

### What are Brownfields ?

'Brownfields' are urban areas created specifically by the forces of social and economic restructuring. 'Brownfields' are areas of land and the property therein, within established urban areas, which have ceased their original use, or have become seriously underused. Such areas often bear considerable environmental damage, dilapidated production buildings and disused plant. For a variety of reasons, 'brownfields' constitute a larger portion of urban land in post-socialist cities. 'Brownfields' properties have an extremely detrimental economic influence on their physical surroundings. The complexities and costs, related to the renovation and re-use/regeneration of 'brownfields', discourage private capital from active economic intervention. 'Brownfields' usually require public finance to help remove the barriers to redevelopment, and thus initiate the re-use/regeneration process. The 'brownfields' question has emerged, since the 1970's, to a prominent place on the political agenda of developed countries and is now strongly linked to the more general agenda of sustainable urban development. 'Brownfields' re-use/regeneration strengthens both the vitality and the efficiency of city centers, whilst relieving pressure from agricultural lands ("greenfields") surrounding the cities.

If not addressed, the problem of 'brownfields' will not be alleviated, of their own accord – the problems can only increase, requiring a greater and yet greater investment of resources to achieve a resolution

### 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.

## 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** Economic and Management 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** Economic and Management 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 hour course. For this course about 120 PowerPoint slides will be prepared as well as a Teaching manual for lecturers in the extent of about 80 pages.

## Transferable Materials

Project will create generic materials suitably designed for ease of transfer to the Baltic countries. Language country specific versions will be created as a part of this project. These country specific materials are offered to be utilized by bodies and by locally funded projects. All the teaching modules will be demonstrated within the teacher taught sessions.

If you are interested in reuse of BRIBAST local or generic products or in teaching demonstrations, please contact Mrs. Barbara Vojvodíková at [barbara.vojvodikova@vsb.cz](mailto:barbara.vojvodikova@vsb.cz) or Mrs. Marcela Zahnašová at [marcela.zahnasova@vsb.cz](mailto:marcela.zahnasova@vsb.cz).

## 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: [fast10.vsb.cz/bribast](http://fast10.vsb.cz/bribast).

## BRIBAST communication

A regional web site will be created, where the best practises can be published – the handbook, generic course materials and local language versions will be available to be downloaded free of charge.

### Contact on BRIBAST



[fast10.vsb.cz/bribast](http://fast10.vsb.cz/bribast)

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### Project partners

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| IURS Prague                                  | CZ |
| SPECTRA Centre of Excellence STU Bratislava  | SK |
| Kaunas University of Technology              | LT |
| Rezekne Higher Education Institution         | LA |