



ABSTRACTS

5. Anca-Maria MOSCOVICI, Carmen GRECEA, Raluca VĂDUVA: *Challenges of Sustainable Redevelopment of Brownfield SITES in the Metropolitan Area of Timisoara*

Brownfield redevelopment is gaining ground in Europe, and more and more Member States are searching for sustainable measures to deal with those sites in order to reduce their negative impact. Brownfields in Romania are mainly connected with the decline of industry from the communist era. Timisoara is one of the biggest cities in Romania, where the increasingly demand for land for housing and industrial use encourage the urban sprawl. In this paper, we approach the problem of brownfield sites and we are trying to identify the causes and effects of brownfields in the metropolitan area of Timisoara. Teams from surveyors and urban planners have to make decisions that consist of economic, social and environmental aspects and brownfields revitalisation is a good example to achieve a balance of those three aspects.

Initial site assessment is mandatory for further redevelopment of a brownfield site. Many issues have to be taken into account, such as the site location, ownership, costs (as purchase of land, costs with demolition of existing facilities or soil decontamination) or risk and vulnerabilities. But the advantages of brownfields redevelopment are considerable and can represent gains on many fronts: on the environmental, social and economic development side.

Organisers



Technical University of Civil Engineering Bucharest
Faculty of Geodesy



Partners



Universitatea
de Arhitectură și Urbanism
"Ion Mincu"

