



## TITOLO PROGETTO

<b>TIMBRE - Tailored Improvement of Brownfield Regeneration in Europe</b>
<b>Linea finanziamento: VII FP - Cooperation</b>
<b>Area Scientifico Disciplinare: 04_ Scienze della Terra</b>

**DOCENTE RESPONSABILE SCIENTIFICO :** [MARCOMINI Antonio](#)

## DATI FINANZIARI

<b>Costo Complessivo del Progetto</b>	<b>Finanziamento Complessivo Assegnato</b>	<b>Costo totale delle attività a Ca' Foscari</b>	<b>Assegnazione Complessiva a Ca' Foscari</b>
<b>4.617.149,00</b>	<b>3.462.862,00</b>	<b>457.600,00</b>	<b>343.200,00</b>

**INIZIO ATTIVITA' (previsione)**  
2011

**FINE ATTIVITA' (previsione)**  
2014

## ABSTRACT PROGETTO

Brownfield regeneration is essential for sustainable land management in European Member States. Currently, the success in brownfield regeneration is unsatisfying in terms of financial and eco-efficiency or social acceptance. Many useful and innovative technologies site clean-up as well as methods to support decision making processes exist, but they are only rarely applied using their full potential. An immense diversification of tools with little connection to each other as well as a lack of consideration of regional and cultural specificities deters end-users from application. Sometimes the non-visibility of tools is the reason that problem owners, managers, local authorities and other stakeholders do not regenerate brownfields using the best technology available. Additionally, emerging challenges, such as the urgent demand for soil remediation and the reuse of on-site infrastructures, call for the development of new and integrated solutions. This project will overcome existing barriers to brownfield regeneration by developing and providing customised problem- and target-oriented packages of approaches, technologies and tools. As a unique asset, these packages deliberately include the cultural and administrative characteristics and their regionally distinctive features. By providing a customisable toolbox specifically addressing the diverse processes that have to be dealt with during the course of a regeneration project, end-users will be enabled to find best practice based solutions. Improvement of existing means to support brownfield regeneration will be further accomplished by filling methodological core topics such as intelligent remediation in terms of technological advancements with regard to phytoremediation and partial source removal technologies. The project will deliver a tailored training and dissemination programme as part of an information centre that will transfer existing and emerging knowledge to the scientific community and end-users.