Novel approaches to conserve our European heritage: bioremediation for building restoration of the urban stone heritage in European states

Fact Sheet

Project Information

**BIOBRUSH**

Grant agreement ID: EVK4-CT-2001-00055

<table>
<thead>
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<th>Start date</th>
<th>End date</th>
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<td>1 February 2002</td>
<td>31 July 2005</td>
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Funded under
FP5-EESD

Overall budget
€ 1 741 501

EU contribution
€ 1 302 853

Coordinated by
UNIVERSITY OF PORTSMOUTH
United Kingdom

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Objective

BIOBRUSH is a 6-partner consortium of European scientists, industrialists and conservators formed to study the feasibility of using bioremediation to restore stone buildings in European cities. This innovative approach will select appropriate microorganisms and delivery systems so that treatment combinations can be tested in the laboratory and then on buildings where performance and risk will be assessed under the different climatic conditions of Northern and Southern Europe. The 7 work packages require full collaboration between scientific partners and the end-user conservators and industries. Outcomes will be disseminated by WWW, monographs, reports and research papers. A culture collection for conservation use will be lodged in existing European microbial collections and a new treatment process based on
bioremediation will help to arrest damage to the European cultural heritage caused by urban pollution.

Programme(s)

Topic(s)

Funding Scheme

CSC - Cost-sharing contracts

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