

The beginning of helophytes applications in bioengineering in Europe

<p><b>Britzer 1985-2008</b></p>	
<p><b>Position:</b> 13°24' 36.27" W, 52°25' 49" S</p> <p>Britzer Park is a former federal horticultural show located in the south east of the city of Berlin. Originally a large area of tree and plant nurseries and allotments, the park was completely reshaped for the federal horticultural show in 1985. Several lakes and interconnected ponds with small islands were artificially created and the excavated soil was used to alter and modulate the landscape. As years past a charming, almost natural looking, landscape developed. Today the former BUGA (Bundesgartenschau), now called Britzer Park, is a very attractive recreational locale for the people of Berlin as well as world-wide.</p>	<p><b>Objectives:</b></p> <p>There are four main objectives for this project:</p> <ol style="list-style-type: none"> <li>1) Provide consulting regarding the use of plants and species selection for vegetating the newly created stream banks and wetlands.</li> <li>2) The production and supply of a large number of hydrophytes.</li> <li>3) The production, supply and logistics involved in providing several different vegetation carriers developed by Lothar Bestmann.</li> <li>4) Provide consulting and installation supervision at the site during construction.</li> </ol>

**CONDITIONS BEFORE TREATMENT** **1985**



<p><b>Results</b></p> <p>The planted hydrophytes of different species, such as <i>Phragmites australis</i>, <i>Schoenoplectus lacustris</i>, <i>Typha angustifolia</i>, <i>Carex spp.</i>, <i>Nuphar luteanymphaea alba</i> a.o. developed very well, and are comparable to natural populations. There is obviously a balance between the enormous population of waterfowl and the growth of plants. <i>Phragmites australis</i> is the dominate species throughout. The banks are effectively protected against erosion. A great variety of amphibian populations and other hydrophytic species developed.</p>
<p><b>Conclusion</b></p> <p>It is very pleasing that the Britzer Park has developed into such an attractive and excellent recreational place. It has also become a natural landscape, in part.</p>

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CONDITIONS IN MAY 2008

23 YEARS LATER

