

Constructed Wetland for the cleaning of Thermal Water

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Objective: Development and testing of an innovative technology based on Constructed Wetlands for the sustained reduction of physical and chemical impacts caused by thermal water before direct discharge - Example Hungary

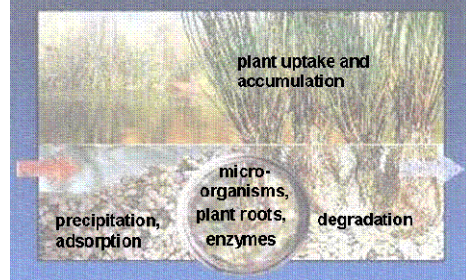
Location: Hungary

Client: AiF Berlin

Beneficiary: AiF Berlin

Period: 2007 - 2009

Initial Situation:



Currently the utilized thermal waters in Hungary are neither reinjected, nor treated before direct discharge into the surface water. From it several impacts for the environment (warming up, salinization) are resulted as well as charging of specific pollutants (heavy metals, rare alkalis, Boron, Radium etc.).



Services provided:

- Research & development
- Methodology development
- Consulting for optimisation of laboratory tests
- Analytical care of the pilot plant
- Plant tolerance tests for optimization of the wetland