

RedPollWet

Testing of biological cleaning up by constructed wetlands for utilized thermal water

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

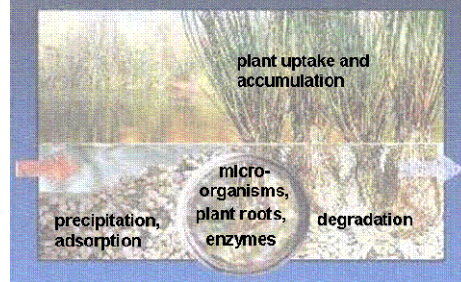
Location: Hungary

Client: AiF Berlin

Beneficiary: AiF Berlin

Duration: 2007 - 2009

Budget: 300.000 EUR



Initial situation:

The utilized thermal waters in Hungary will neither reinjected at the moment, nor treated before discharging in surface water. From it resulting several impacts for the environment (warming up, salinization) as well as charging of specific pollutants (heavy metals, rare alkalis, Boron, Radium etc.).



Scope of Services:

- Internet search
- Selektion of sites
- Sampling on-site
- Analytical care of the pilot plant
- Plant tolerance tests for optimization of the wetland