

# Green Liver – How plants help clean our water



Worldwide pollution, poverty, dwindling water supply and modern wastewater disposal as well as the privatization of resources have catastrophic effects for waterways, aquifers and thus the entire water supply, above all in developing countries.

The "Green Liver" is a process for cleaning water ecologically; it's a local approach to the problem, which protects this precious resource. This process has been developed by the Department of Environmental Effects Research and Ecotoxicology at the TU. It functions on a basic ecological principle: Certain plants have the ability to uptake pollutants from water, then either break them down or deposit them in the plant's own cells. These plants are used to free bodies of water from toxic substances sustainably.

#### Project Type

Exhibition

#### Partner TU Berlin

Prof. Dr. Stephan Pflugmacher Lima

#### Status

Completed,  
exhibition opening was in November 2013

#### Further Partners

Berliner Wasserbetriebe (Berlin Water Company)  
Museum im Wasserwerk (Berlin Waterworks Museum)  
Jelena Butter



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