



Transnational Purification

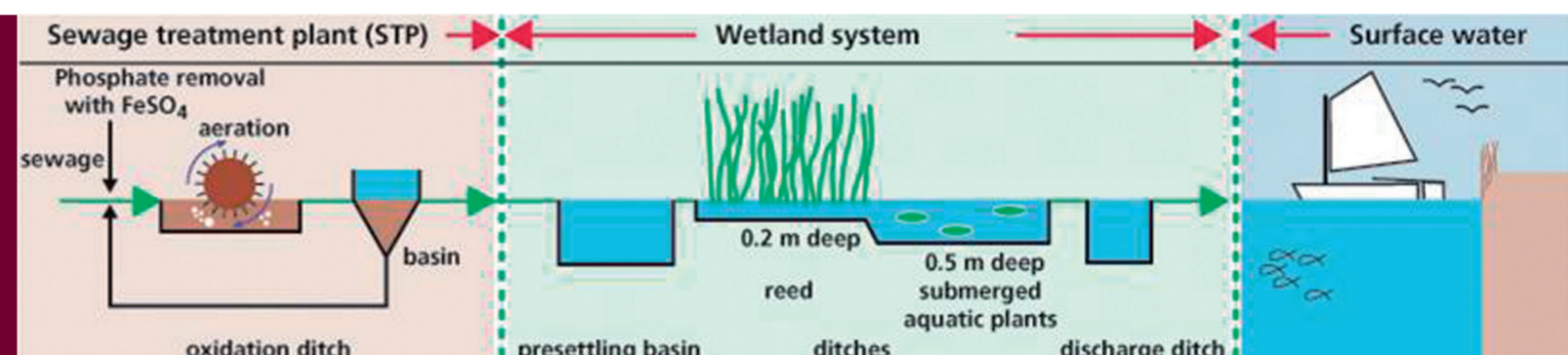
The current generation of sewage treatment plants are not capable of a sufficient & reliable removal of priority substances described in the EU Water Framework Directive (WFD). The WFD dictates that plans for required measure are ready in 2009, the desired water quality can be obtained in 2015. Transnational cooperation on the theme of purification gives the regions an important support

Aim

To exchange knowledge and experience on the theme of purification & gather information on new water treatment techniques that can be used to improve WWTP-effluent to implement the WFD. Realize pilot projects that can be used as showcases for new developments.

Meetings

Two expert exchange meetings April 2005, September 2006, the Netherlands



Study's

Result desk study overview of technologies to improve WWTP to the WFD, handling large flow rates, removing broad spectrum, consuming minimal energy & chemicals.
description of cost effectiveness
for organic micro contaminants, more data need to be developed. (STOWA 2005)

Demonstration

Using an ecologic filter by a WWTP in the Netherlands, Regge & Dinkel WWTP Ootmarsum, Wetterskip Fryslan, Aqualan Grou, first results are promising. Purification of disconnection treatment of run off water in Parkwijk Drachten.

