

Wir fördern Wirtschaft



Landesprogramm Wirtschaft: Gefördert durch die Europäische Union - Europäischer Fonds für regionale Entwicklung (EFRE), den Bund und das Land Schleswig-Holstein

Investition in Wachstum und Beschäftigung

Das folgende Projekt wird gefördert von der Europäischen Union - Europäischer Fonds für regionale Entwicklung.

Projekttitle:

Phosphate elimination from the wastewater treatment plant circuit without the use of chemical precipitants (PEKEF)

Projektkurzbeschreibung:

The PEKEF project (Phosphate Elimination from the Wastewater Treatment Plant Cycle without the Use of Chemical Precipitants) aims to achieve the required phosphate concentration in the wastewater treatment plant effluent according to the Wastewater Ordinance without the addition of chemical precipitants. For this purpose, phosphate is to be precipitated electrochemically by means of an electrode placed in the wastewater. The placement, control, material and shape of the electrode are to be optimised for this purpose. The advantages are a lower environmental impact due to the omitted use of precipitants. The phosphate-containing precipitation products should be able to be used directly as fertiliser or in other industrial processes.



Schleswig-Holstein
Ministerium für Wirtschaft,
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