

## **Definition of the Problem**

The water quality has improved in the Netherlands, but is not yet good enough!!

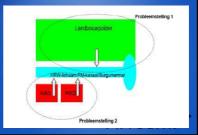
New European Waterframework Directive (WFD)

- Good Ecological surface water quality
- N and P are problem compounds, but also micropollutants

There are many polluting sources (industrial, municipal and agricultural)

## In Fryslan:

- Agriculture = 90% N and 60% P
- WWTP = 10% N and 40% P



## Goals project Wetterlannen

- 1. Determine cost effective methods for:
  - N and P removal from agricultural sources
  - N, P, pathogens and micropollutants removal from municipal and industrial WWTPs
- 2. Developping knowledge and knowledge exchange of effective WFD-proof technologies





