



## MULTIMEDIA FILTRATION TO TEST NEW BRANDED MEDIA

*Belgium and Europe, 12 m<sup>3</sup>/h*

### Aim of the Project

The challenge of this project was to deliver a transportable skid allowing to filter up to 12 m<sup>3</sup>/h of water from various sources. This pilot is meant to be placed in several sites throughout Europe, in order to test the performances of a new branded media targeting heavy metal removal, by the client.

Lenntech has engineered and built a full multimedia filtration system fully automated and resistant to demanding environment.

This system allows the removal of suspended solids using different layers of different materials, delivering a filtered and depolluted water. The backwash is triggered based on the pressure drop within the filter and also manually when the quality at the outlet is not sufficient for the tests.

### Scope of Work

- ✓ Engineering, manufacturing and assembly
- ✓ Multimedia filtration
- ✓ Automatic rinse and backwash sequences
- ✓ Pumps, piping and control panel mounted on skid
- ✓ Transportable and resistant skid
- ✓ Delivered at place

### Plant specs

#### ☐ Feed water quality

TSS : < 70 ppm – *changing from site to site*

#### ☐ Product water quality

TSS: <5 ppm