

FERROPLAN

**Water treatment
solutions**

Expertise.

**Let us solve your
water treatment
challenges**

- *Groundwater and surface water treatment*
- *Municipal sewage treatment*
- *Industrial process- and wastewater treatment*

Ferroplan – The Best Solution



Ferro Environment

References



Municipality of Siilinjärvi Municipal drinking water supply facility

A water treatment system that removes harmful iron and manganese from water was delivered to the customer. The treatment system has a capacity of 200 m³/hour, and eight NWF units are used to treat the water.



Võrre Juust (Valio Oyj), Estonia Industrial water treatment plant

The plant was established to ensure high water quality for the company's cheese dairy. The capacity of the plant is 100 m³/hour. Ferroplan's Natwat water treatment equipment was easy to set up on the existing premises.



Slaughterhouse, Norway Wastewater treatment plant

The treatment of slaughterhouse wastewater is very challenging, because the water contains high levels biological compounds (creating a high COD and BOD) and solid matter. For a Norwegian slaughterhouse, Ferroplan delivered filtering equipment with a capacity of 120 m³/hour.

Advantages of our products

- ***Low operating costs***
- ***We offer a chemical-free water treatment system for potable water production***
- ***Products can easily be integrated with existing equipment or made a part of more comprehensive facility solutions***
- ***The need of automation is little and in general maintenance-free***
- ***Our solution has a long service life***
- ***The treated water is world-class***



Water containing iron is often an unsightly murky brown. Even a low concentration of iron causes deposits and blockages in water supply network.



Manganese often accompanies iron in water, but it can appear individually as well. The problems caused by manganese seem similar to those stemming from iron but at lower levels. Manganese causes health problems particularly for the unborn and young children.



Excessive carbon dioxide manifests itself in water acidification. Acidic waters corrode the water supply network, which shortens the network's life expectancy. Water with a low pH value can irritate people's skin and cause stomach ache in infants.

NatWat-Process

We give you an innovative solution for water treatment

Designed for producing high-level drinking water, our NWF-process equipment is at its best when the water contains iron, manganese, acidic gases, and other compounds with unpleasant odour or taste.

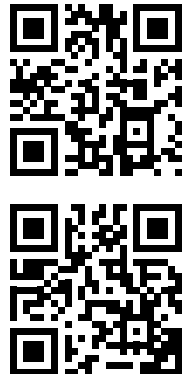


The NWF-process does not require any chemicals. In addition to being safe, a chemical-free process means that there are no costs created by chemicals.

**Check Ferroplan
Youtube -channel:**

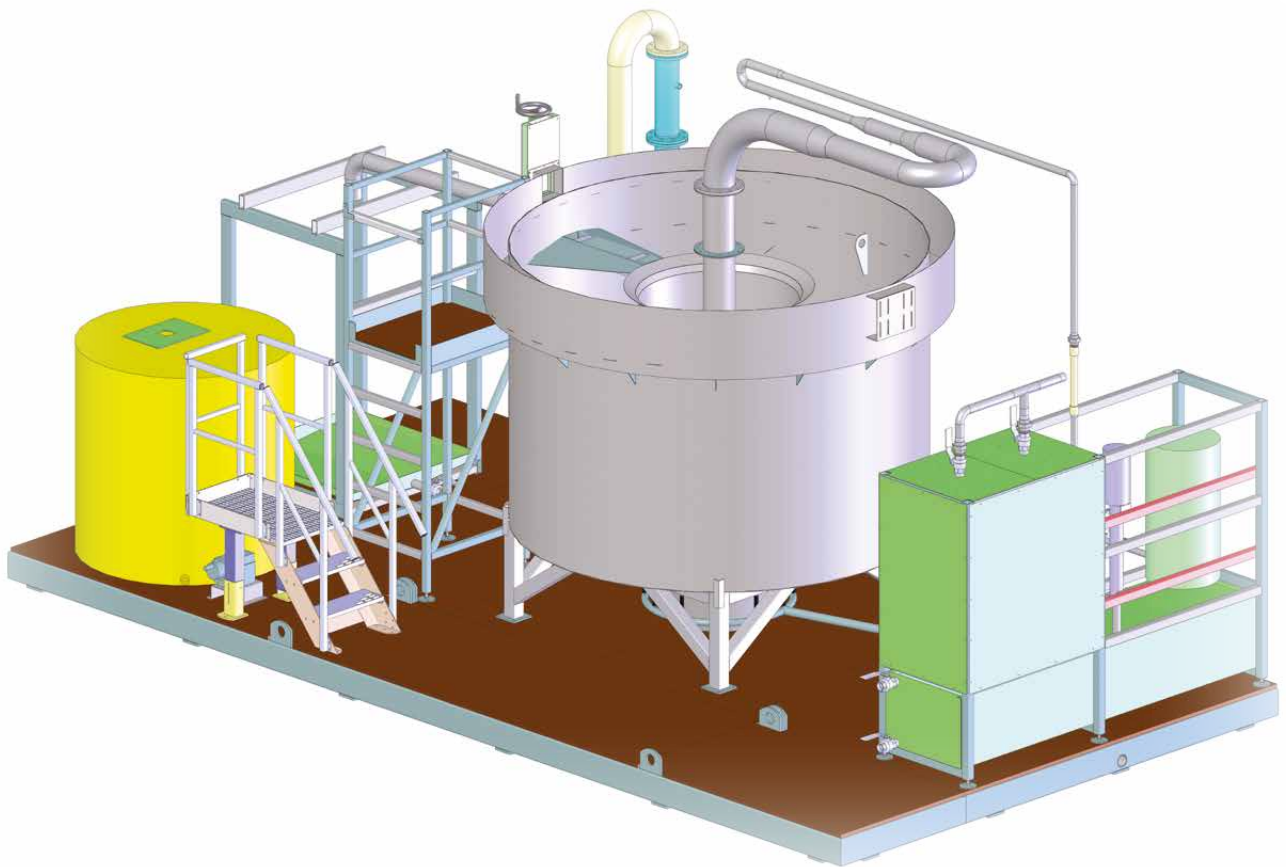
***Potable water purification
Flotation***

***Chemical-free
water treatment
system for potable
water production***



NWFlo-Flotation-Filtration Process

Representing a new type of flotation-based process, NWFlo is suitable for treatment of potable drinking water and for treatment of industrial waste water. NWFlo is at its best when the water has a high BOD or COD and contains a lot of nutrients, grease and oil.



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