

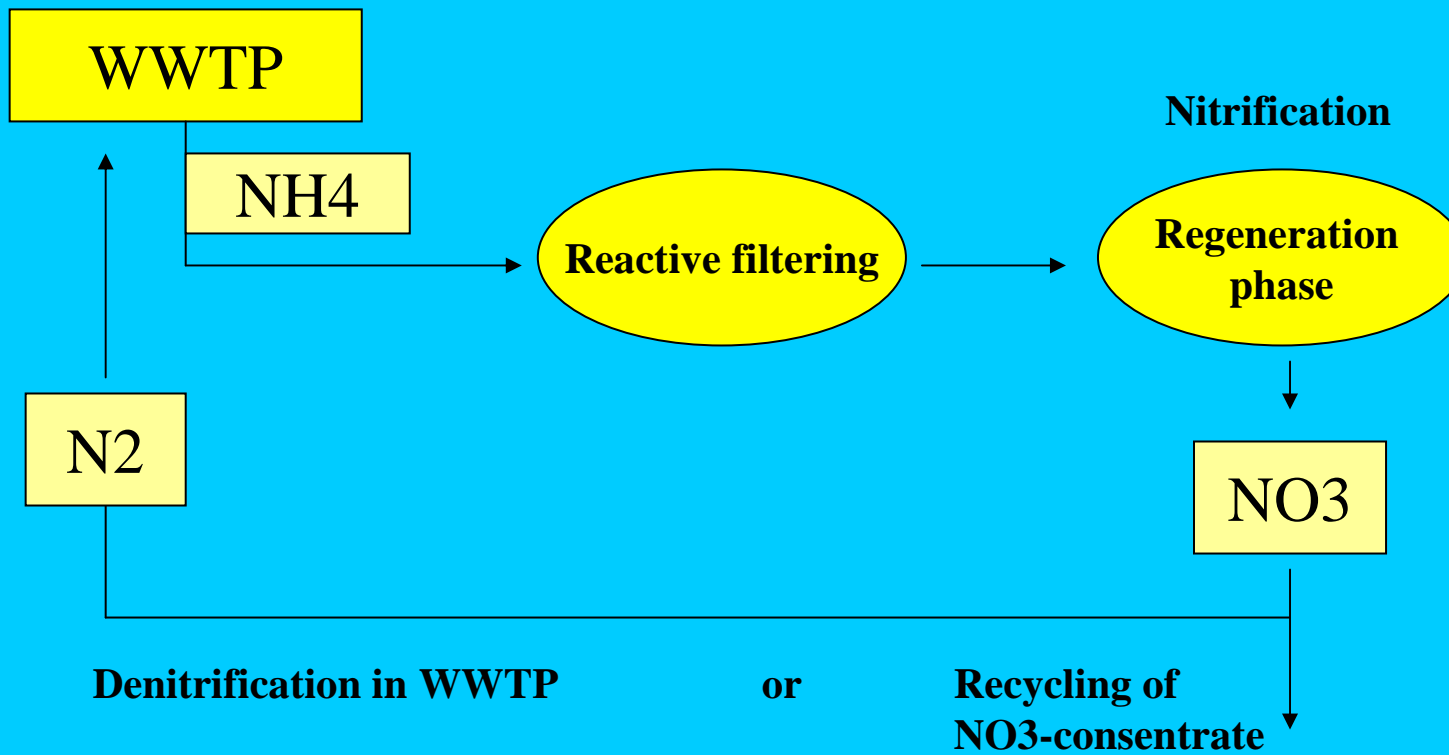


Envistone Oy

- Established in 2004 as a spinn-off of a long term development work carried out by Envitop Oy
- Business idea: to market and sell chemical-biological nitrogen removal –process for treatment of ammonia –rich waste waters
- Target: to be a market leader in treatment of ammonia-rich waste waters in Finland by 2010 and a key-player in other Scandinavian and Baltic countries (patented technology)
- Commercialization in 2008
- Focus: Envistone –process/plants for municipalities and industry



Envistone -process





EU regulation boosts growth for N-treatment in WWTPs

- New legislation (EU's so called nitrogen directive)
- New strict environmental permits for WWTPs, in Finland especially in western part of the country (Western Finland's Permit Authority's territory)
- Environmental/ecological problems in the Baltic Sea

As a result of the above mentioned market is developing fast in all Scandinavian countries (market potential is estimated to be >500 million € by 2015)



Competitive edge of Envistone -process

1. Effective also in low temperatures (even below 5 degrees)
2. Scale advantages
 - Modular filters for small and medium size WWTPs
 - Flexible
 - Suitable for different WWTP size categories
3. Cost effective
 - Due to modular filters low investment costs
 - Low running costs, practically no heating energy or chemicals needed



Action plan

1. Commercialization in 2008

2. Profound market studies in chosen countries

3. R&D focus on:

- Profound market studies in chosen countries
- Recycling of the endproduct (nitrate concentrate)
- Process development: further development of filter material, process automation, measurement techniques and control techniques (digital techniques)
- Development and testing of different size categories of reactive filters for different purposes