

Companies which are part of the Holland Pavilion

- [Afmitech Friesland B.V.](#) - Development and production of decentralized wastewater treatment systems.
- [Ecosystems Europe B.V.](#) - Industrial gas treatment, scent combatting, reducing emissions.
- [ESEP Milieutechniek B.V.](#) - Wastewater treatment and water flow control.
- [Gooren B.V. \(Flovac The Netherlands\)](#) - Designer, supplier and operator of municipal vacuum sewer systems.
- [Nijhuis Water Technology B.V.](#) - Wastewater, process water and waste solutions.
- [Pagues B.V.](#) - Biological wastewater and gas treatment.
- [Pharmafilter B.V.](#) - Waste water treatment on water contaminated with medicines.
- [Spiro B.V.](#) - Specialist machines in metal sector.
- [Stichting Water Alliance](#) - Innovative and sustainable water technology that can be used worldwide.
- [Broos Water B.V.](#) - Knowledge- and consultancy agency in the field of water, soil and air in the green space.

Interesting links:

The 9 key sectors in the Netherlands: <http://www.hollandtradeandinvest.com/key-sectors>

Netherlands Enterprise Agency encourages entrepreneurs in sustainable, agrarian, innovative and international business. It helps with grants, finding business partners, know-how and compliance with laws and regulations: <http://english.rvo.nl/>

Website of the Embassy of the Netherlands: <http://finland.nlembassy.org/>
<http://finland.nlembassy.org/key-topics/service-to-companies/holland-pavilion-a-the-waste-water-environment-expo-in-helsinki.html>

Inspirational stories:

Pharmafilter brings a circular economy to Dutch hospitals

Hospitals are a major site for disposable products as hygiene restrictions often limits usage of materials to one-time usage only. This leads to a great amount of waste (water) generated. Pharmafilter engages with the treatment of this hospital waste stream. Current sewage systems cannot filter out all medicinal waste, which is why these residuals end up in open water. Dutch water agencies have been worried for some time now that the wastewater from hospitals are forming an increasing danger to open water quality as studies show that fish suffer from contamination by medicinal waste in the water.

Pharmafilter treats this medicinal waste and does so with two main installations. Their on-site treatment installation disinfects, ferments and purifies hospital waste and converts it into biofuel, clean water and small amounts of plastic and metal. Using this private installation for wastewater treatment, all the waste from kitchens, showers and toilets is first treated on site. Hospitals then dump clean water in the sewers, filtering out hazardous materials such as medicinal and hormonal residuals present in the wastewater.

The second installation 'Tonto' comprises a series of smaller units placed in specialized and nursing departments which biologically treat and decompose hospital waste such as left-over food, gash, infuses, bandage and needles, after which this waste is transferred to the main treatment installation.

Pharmafilter is the only Dutch company to supply such filtration systems. In recent years, many Dutch hospitals have started making use of Pharmafilter to achieve a more sustainable health care environment. Pharmafilter will be attending the Waste, Water & Environment Expo 2016 in Helsinki as part of the Holland Pavillion hosted by the Dutch embassy in Helsinki.

<http://pharmafilter.nl/en/infrastructure/>

Why this concerns journalists

- The Pharmafilter installations are becoming a Dutch medical trend, numerous news coverage
- Making hospitals more sustainable applies to Finland too
- Their solutions address water quality issues and help preserve open water sources
- Their product is unique and has proven its value
- Pharmafilter is coming to the Waste, Water & Environment Expo in Helsinki as part of the Holland Pavillion

Paques partners with global leader Ovivo

Ovivo, a global provider of water treatment equipment, technology and systems, has announced the conclusion of an exclusive licensing arrangement with the Dutch firm Paques for their ANAMMOX technology for the municipal market in USA and Canada. This revolutionary technology, for the efficient removal of ammonia from wastewater, uses a biological anaerobic ammonium oxidation process to convert ammonium and nitrite to nitrogen gas using the Anammox bacteria. This technology can reduce the aeration energy requirements by 60% and can completely eliminate any supplemental organic carbon requirements. This can lead to substantial savings in operational costs for wastewater treatment facilities.

Paques' reactor systems are found in all kind of industries and applications, such as food, pulp and paper, beer and beverages, distilleries and chemical industry. They will attend the upcoming expo Waste, Water & Environment 2016 in Helsinki.

<http://en.paques.nl/products/featured/anammox>

<http://www.prnewswire.com/news-releases/ovivo-concludes-an-exclusive-licensing-agreement-with-paques-for-their-anammox-technology-in-the-north-american-municipal-market-594471331.html>

Why this concerns journalists

- One of the (Dutch) attendees to the Helsinki WWE expo made a huge deal which can interest Finnish firms
- Their product is unique and has proven its value
- Municipalities can benefit from this technology

Dutch WaterCampus seeks to connect European water sector in Helsinki

Watercampus Leeuwarden is a physical hub of international companies, universities and governments. It encourages cooperation between (inter)national businesses, educational institutes and governments within the water technology sector, in order to create synergy for world class innovation, education and entrepreneurship. WaterCampus offers unique infrastructure for water technology research and is meeting point for scientists and companies from all over Europe. It houses around 100 researchers, 5 demo-sites and a center for large experiments and research. By means of this center, more than 50 companies have been started in the water technology sector.

This research and innovation strengthens the global position of the European water technology sector as WaterCampus has the ambition to play a sector uniting role for the rest of Europe as well.

With the WaterCampus as key asset, the Municipality of Leeuwarden is participating in the UN Global Compact Cities Programme at the highest level of Innovating City. Worldwide, only 17 other cities participate on this level. Leeuwarden could participate on this level because the UN Global Compact Programme was impressed by the results achieved around the WaterCampus so far. Not surprisingly it will be the WaterCampus that will be the focal point of the projects developed within the Programme.

Water Alliance, the business organization of WaterCampus Leeuwarden, will take part in the Holland Pavillion of the Dutch Embassy at the Waste, Water & Environment Expo 2016 in Helsinki where it seeks to further connect with the European water technology sector. Water Alliance is driven by the notion that technological developments and innovation are necessary for the exploitation of new markets. It is therefore actively supporting the marketing of ideas; connecting supply and demand; managing relationships and match-making.

<http://watercampus.nl/en/about-watercampus/watercampus-leeuwarden-un-innovating-city/>

<https://twitter.com/Watercampus>

Why this concerns journalists

- Dutch water technology cluster is seeking to strengthen European Cleantech ties
 - The business pillar of WaterCampus is coming to Helsinki's Waste, Water & Environment Expo
 - Opportunities to create research links between Dutch and Finnish water tech experts
 - UN programme
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