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MONEY DOESN'T GROW ON TREES!
BUT WITH PRESECO'S CREATIVE SOLUTIONS YOU'D BELIEVE IT WAS TRUE

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CREATIVE ENVIRONMENTAL SOLUTIONS
TURN WASTE STREAMS INTO AN ASSET



OUR ENVIRONMENTAL SOLUTIONS TURN YOUR WASTE STREAMS INTO AN ASSET

Preseco Oy is an environmental technology company that solves challenges related to water, biowaste and biofuels. Thanks to open-minded product development and investment in state-of-the-art technology, we can provide proven but novel solutions worldwide.

Preseco delivers plants and equipment for water and wastewater treatment as well as drum composting plants, biogas plants and biodiesel processors. Our integration of these areas represents our fresh thinking: we strive to provide solutions which genuinely help our customers enhance their competitive advantage – turning waste, water and energy streams into added value.



TOTAL SOLUTION PROVIDER



INDIVIDUAL TOTAL SOLUTIONS

All our plants for biowaste, water and wastewater treatment as well as biodiesel production are compatible, and by combining them we are able to provide comprehensive and creative environmental solutions which turn all your waste streams into benefit. For example, a Preseco drum composting plant is ideal to treat reject sludge of a wastewater treatment plant or a biogas plant. A total solution for fish waste handling can also be built by combining a Preseco drum composting plant and a Preseco biodiesel processor.

SUPPORTING ENVIRONMENTAL RESPONSIBILITY

In a well-working partnership, we see ourselves as part of the customer's business. Environmental issues are in the limelight in every part of the world: the right choices can have a long-term effect on financing and one's corporate image. Investing in environmental technology is globally regarded as an ecologically responsible action, and this is where our expertise enters the picture.

Our creative technology meets not only environmental regulations, but in some cases is of the utmost importance in meeting the expectations of the general public. For example, from the architectural point of view, building a plant to fit in with its surrounding natural environment is important to the whole community.

The technologies used by Preseco are the result of long lasting research and development by various experts. A common factor in these solutions is nature, our philosophy being that nature itself has the longest experience and highest efficiency by far in developing and using biological processes. Demand is ever growing for environmentally friendly technology and solutions, and Preseco always wants to be one step ahead. We listen to our customers and abide by international legislation. This forms the basis of our product and service development.



- ***INTEGRATED WASTE SOLUTIONS***
- ***BIOWASTE TREATMENT***
- ***WATER AND WASTEWATER TREATMENT***
- ***BIODIESEL PROCESSORS***

LICENCED BY NATURE. INSPIRED BY NATURE.

Environmental issues are global. Technological innovations are also international. However, operating with environmental technology always requires local knowledge of both culture and legislation. Our representatives operate in several countries all over the world. For us, this is a way to commit ourselves to understanding our customers and helping them in an innovative way.

INTEGRATED WASTE SOLUTIONS



Traditionally waste, water and energy branches have been regarded as separate to each other – both in terms of business and technology. We see this as a waste of capabilities: by overcoming the traditional boundaries, whether they really exist or not, and integrating waste, water and energy technologies under one roof, considerable economic and environmental added value can be generated. This is where we're at our best – providing our customers with solutions that generate added value and competitive advantage.

BIOWASTE TREATMENT



Biowaste always contains energy, making it worth money. Requirements under environmental legislation are growing and traditional waste treatment methods are disappearing, while costs are rising. To a company such as Preseco, this represents an opportunity. For example, biowaste from households and kitchens, food processing residues, slaughterhouse waste, fruit and grain processing as well as distillery by-products, liquid and solid manures and wastewater treatment sludge are suitable waste types for our processes, which represent the latest developments in biowaste treatment technology: Preseco supplies biogas plants for both industrial and agricultural applications as well as drum composting plants.

WATER AND WASTEWATER TREATMENT



The world's future major crises will probably be about water – clean water, to be precise. Nature always does its best to clean it. But that is not enough compared to our ability to pollute. The plain fact is that we must also learn to be good at purifying water – both drinking water and wastewater. Preseco's product family for water purification consists of water and wastewater treatment equipment and modular water treatment units in addition to total water treatment plant solutions, featuring mechanical, chemical and biological processes as well as tertiary and sludge treatment.

BIODIESEL PROCESSORS



Limited availability of oil, soaring prices, and instability in oil-producing regions have triggered the active development of alternative energy sources. The cultivation of oleaginous plants supports sustainable development policies, making energy production more local, creating more jobs and causing less pollution. This is why we are involved in building a new, eco-friendly and cost-efficient way of producing biofuels locally. Biodiesel (FAME/RME) can be produced from all vegetable oils and nearly all animal oils. As a general rule, biodiesel should be used in similar or warmer conditions than those in which oil used as raw material originates. The frost resistance and odour of biodiesel derive from the raw material used. Biodiesel is clearly a more environmentally friendly and less polluting alternative to fossil diesel fuel.

PRESECO'S PATH TO TOTAL SOLUTION PROVIDER

1980: Ville Kangas invents a mechanical composting technology. First steps towards ACU technology.

1985: Pomiltek International Ltd Oy is established. Pioneering water purification equipment and methods.

1994: First drum composting plant treating wastewater sludge is built. Earlier plants composted manure.

1995: Oy Natwat Ltd is established. Technology for drinking water treatment.

2000: Preseco Oy is established. Focus on ADA technology development.

2002: Juha Solio builds his first prototype of a biodiesel processor.

2005: Preseco acquired ACU technology from Biofacta Oy.

2006: Preseco purchases Pomiltek. Preseco purchases Solio's biodiesel technology.

2007: Preseco purchases NW-technology from Oy Natwat Ltd.

Ability to supply unique individual total solutions.