

Cost effective odour management solutions for toughest environments

Case Studies

POWERDAY Innovative - Recycling - Solutions

Powerday is one of the largest recycling plants in the UK. The site in north west London is fairly close to a residential neighbourhood whose residents expect Powerday to manage its operations to avoiding any undue impact on their amenity.

Powerday's proactive approach means they work closely with the Environment Agency, constantly reviewing the effectiveness of the Odour Management Plan and control procedures.

In our 5000 sq.m facility at Willesden we have recently installed 50 MT1500 odour control units. As a 'retro fit' they were relatively easy to install and involved very little disruption to our operations.

Within a few days of completion there was a noticeable change in the odour levels in the building. So, well done - we are now planning to install the systems in our other waste recycling plants.

**Mark Bensted, Managing Director,
Powerday plc**



"Since the installation of [AIRsteril] by DAX Systems we have not had a complaint. DAX systems now treats our 3000 m3 processing hall and also keep our office areas smelling presentable. Well done for the system, we thought nothing would do it."

**John Deane, Environmental
Resource Manager, Langage
AD (UK) LLP**

Langage Farm AD is not your typical waste station. It is a part of an award winning closed-loop system consisting of Langage AD, Langage Farm, and Langage Dairy products. It was designed and built with animal welfare and intentional soil management at its heart. The farm grows lush grass to feed its jersey herd, it then produces the rich jersey milk which is turned into many of their award winning dairy products.

Waste from both the product outlets and the dairy produce factory are brought back to the AD plant to produce power, heat, and fertilisers. Being located just outside the city of Plymouth odour management is key to their operation and ensuring they do not receive complaints from employees and the general public.

Viridor UK provides recycling and recovery services to residential and commercial customers. They offer a wide range of recycling treatment technologies to include an advanced standard-materials recycling facilities, mechanical biological treatment plants, composting, and household waste recycling centres.

Using collected waste, they are then able to transform as much material as they can into high quality recyclates for re-manufacturing. They recover energy from the non-recyclable, residual waste, using anaerobic digestion, gas extraction, and thermal technologies to offset fossil fuel-based generation.



We are always looking at ways to minimise odour at our operational facilities wherever we can, so decided to trial a new technology.

The trial at one of our West Sussex sites was a success and we have since purchased the equipment and installed it at another facility. The system has helped us reduce the number of odour complaints and has paid for itself within " six months. In one site in 12 months we saved £6000 in aroma chemical costs.

**Dave King
Area Manager, Viridor**

Our product range

The most efficient and cost effective way to help you achieve superior standards in odour control.

An extensive product range for a tailored solution

For further information about our wide range of AIRSteril units, designed to meet the challenges of air purification in virtually any internal space, please visit our website, www.fortressair.com.au.

Alternatively, with such a wide range of AIRSteril units available to meet any requirement, please call us to arrange a site visit to assess your specific needs.

Our professional advisors are trained to offer advice and recommend a cost-effective, workable solution. Call Fortress Air for an AIRSteril solution on 1300 933 220.



Mega Thermal range



Multi Flex range



Mobile Multi Purpose



Ultimate Range

**For a FREE Site Survey,
Consultation & Quotation**

Call 1300 933 220
or email info@fortressair.com.au



Guaranteed Odour & Bacteria Control