

## turning knowledge into solutions

### Chaucer handed solution for palm oil waste

**Global ingredients business Chaucer Foods has put an end to problems of palm oil waste thanks to their work with Food Processing Faraday. As well as doing their bit for the environment, they have made savings in excess of £30k per annum.**

Chaucer Foods originally became involved with the Faraday through their interest in resource efficiency and attending events such as the Bakers Resource Efficiency Club. Part of the club's function was to keep members informed of funding opportunities and the Faraday alerted Chaucer to funding available through the Business Resource Efficiency and Waste programme and assisted developing their successful grant application to implement a waste oil recycling scheme.

The specific handling characteristics and high solidification point of palm oil have always proved a stumbling block to such activity. The project involved design of unique handling equipment which maintains the oil in its optimum fluid state and returns high quality filtered palm oil back to the process. The previous waste palm oil can now be reclaimed by the process, reducing the dependence on imported virgin material.

The system has been designed with the potential for upgrading in the future, by using heat recovered from cooking processes to pre warm the oil, meaning a potential for Chaucer to make further environmental improvements and cost savings.

Ian Pomfret, Chaucer Foods' Technical Manager testifies "Whilst the project was well advanced, the Faraday team were able to advise on funding opportunities and secure them within a very short time frame. Without this assistance, what has turned out to be an immensely successful project would not have got off the ground. Close links covering both specialised technical and funding resource have been maintained between the Faraday and Chaucer Foods ever since."

John Stanford, Innovation Consultant at the Faraday says "Chaucer Foods have been an enthusiastic supporter of the Faraday's resource efficiency initiatives. By taking the time to attend networking meetings they have been able to find and develop ideas for using raw materials more effectively."

The Faraday has not only helped with reducing the use of palm oil but also made reductions in other waste streams.

To know more about how your company can benefit through innovation support from Food Processing Faraday contact [enquiries@fpfaraday.com](mailto:enquiries@fpfaraday.com) or telephone 01664 420066

For more information visit [www.fpfaraday.com](http://www.fpfaraday.com)