
Pennotec

Company Profile

Pennotec, the trading name of Pennog Ltd, is a leading industrial biotech innovator in the UK, based in Pwllheli in North Wales. The company aims to extract maximum value from biomass resources, especially waste streams, through the development of innovative, low carbon processes and technologies, and close collaboration with university scientists. Waste biomass typically accumulates as a result of numerous manufacturing activities from a variety of industries including agriculture, food and beverages, chemicals, pharmaceuticals, fuels and biofuels. Pennotec aims to convert manufacturing by-products into added value functional products whilst reducing waste to landfill cost and benefiting the environment. Pennotec have successfully delivered a number of innovative collaborative projects that address significant challenges in the bioeconomy, through successful funding, and access to scientific support and pilot scale equipment.

“With access to specialist facilities and expert support, Pennotec has been able to develop innovative processes that add value to waste and better understand the nature of the bio-materials we produce.”

*Jonathan Hughes
Managing Director*

Collaboration with BEACON

Pennotec has collaborated with BEACON on a number of different projects over the last few years, and has gone on to win numerous innovation grant awards, which have enabled them to grow the business and create highly skilled employment opportunities in Wales. Pennotec are now collaborating with a major UK water treatment company on a project supported by the SMART Cymru programme through ERDF to develop new and sustainable water clarification products from waste for use in municipal and industrial wastewater streams. Pennotec has been also awarded an SBRI (Small Business Research Initiative) for a collaborative project to produce novel functional food fibres from surplus fruit and vegetables, which can be used to replace



For further information:
www.pennotec.com

high calorie ingredients such as fat in children's school meals in Wales to reduce obesity.

