

Xergi – Anaerobic Digestion Plant, Beith

JBD Tritec were delighted to be involved in Scotland's largest biogas plant, a £ 13.5 Million facility recently constructed at Barkip, North Ayrshire.

The Danish group Xergi delivered the plant for Scottish & Southern Energy, Wm Tracey both provided the landfill site and have a 25 year deal to supply the feedstock materials for the site.

JBD Tritec was ideally placed to assist with this project having in-house pipework, steelwork, pump and valve divisions, able to coordinate all supplies and installation and eliminate the potential of any cross trade confusion.

The plant includes a combined heat and power unit, this will generate enough electricity to power 4,000 homes, producing around 2.0mW.

Anaerobic Digestion is a natural biological process which generates methane rich biogas from waste organic materials, this biogas fuels engines which generate the renewable electricity. The Environment Cabinet Secretary, Richard Lochhead, commented that the plant will divert 37,000 tonnes of food waste from landfill each year, reduce greenhouse gas emissions and recover value from resources that would otherwise be wasted – a very sensible solution. Contact for this contract is Mr. Lars Gottlieb Hansen.

