

Document Reference: Part C3 6e

Describe how you avoid producing waste in line with Council Directive 75/442/EEC on waste

Holbeach Biogas Facility is designed and managed to ensure that waste produced by its activities is avoided or reduced. The facility has strict waste acceptance criteria and producer checks are undertaken to ensure that only feedstock suitable for the AD plant is accepted on site. This reduces the risk of any unnecessary disposal via an alternative route. In addition to this, Biogen work with food waste suppliers to eliminate contamination in the waste delivered to site.

The facility is designed to take mainly vegetable outgrades, green crops and maize silage from the existing farm activities to generate biogas for the production of electricity, heat and digestate. This feedstock generates very minimal waste if at all. Although the waste is supplemented with small amounts of commercial food waste of a similar nature such as fruit and vegetables, these are delivered as loose waste ensuring minimal waste being produced.

The digestate i.e. separated fibre and liquid digestate, produced from the process is PAS 110 certified and is therefore no longer deemed to be a waste. This material is applied to local farmland.

The whole AD process is designed on a sealed drainage system such that any product entering the treatment process will form part of the final product, i.e. the digestate.

Very small volumes of waste oil, filters and oily rags will be generated on site from operation and maintenance of the CHP and other equipment maintenance. Where these small quantities of waste are generated, they will be collected, segregated and contained until reasonable quantities are available following which they will be disposed of. Disposal shall be through the appropriate channels i.e. using registered waste carrier and sent to appropriately licenced facilities.

Generation and management of waste is regularly audited to ensure that waste is properly handled and dealt with. Duty of care paperwork is kept and maintained for a minimum of 6 years for all waste entering the site and waste removed from site and will be made available for inspection upon request.