

Mytum & Selby

Composting Capacity

Capital support for increasing composting capacity

CO2Sense gave Mytum and Selby Composting Capacity £77,000 to help design and develop equipment that has helped the business to become more efficient.



Disposal of biodegradable waste incurs Landfill Tax of £21 per tonne and emits 0.8 tonnes more greenhouse gases than other methods of processing, such as composting. Mytum & Selby offer an alternative for commercial organic waste that would otherwise go to landfill and incur a charge for the company.

The region's composting capacity is limited compared to current and future needs, especially for food and drink wastes. Mytum and Selby collect 250,000 tonnes of commercial waste each year in North Yorkshire. Much of this waste is from the food and drinks sector, and could be composted but is currently sent to landfill.

Mytum and Selby has purchased a disused maltings at South Milford, North Yorkshire, and are working with CO2Sense Yorkshire and the Environmental Technology Centre for Industrial Collaboration, based at Hull University, to convert the existing equipment into an in-vessel composting facility with capacity for 100,000 tonnes of food and green waste a year.

Composting

- Reduced waste disposal costs for businesses, particularly in the food and drink sector
- Improved compliance with legislation
- Increased regional in vessel composting capacity by 100,000 tonnes a year
- Reduction in CO2 emissions
- Improved accessibility to bio-degradable waste recycling opportunities for Yorkshire and Humber

Large cylindrical rotating ovens that were once used to germinate barley into malt, are being converted into in-vessel composting units which will compost food and green waste in accordance with animal by-products regulations.

The funding from CO2Sense will help with design and equipment, which, when complete, will deliver waste disposal cost savings to Mytum and Selby's customers, divert biodegradable waste from landfill, and reduce CO2 emissions.

Mytum & Selby used the free design service provided by CO2Sense. This provides a specialist consultant who drew up plans for the redevelopment of the maltings site. The newly designed facility will be capable of processing up to 100,000 tonnes of food and green waste per year. The product from processing of this material will be used for improvement of agricultural land.

As landfill tax, transport and LATS costs continue to increase, local authorities will prefer to process biodegradable waste at sites close to its generation.

CO2Sense was established by Yorkshire Forward to help businesses in the region to prosper in the low carbon economy. We provide expertise and funding to help environmental companies to grow. We work with partners to help all organisations to fund and develop initiatives that reduce their carbon emissions.