

EPSON®

Bio-Diesel Forklift Truck July 2011

Key Facts

1. Epson uses fork lift trucks in their operations (internal and external areas)
2. Operating the business, Epson has always looking at the best environmental options

Objectives

1. To minimize the environment impact from the company forklift fleet.

Outcome / Benefits

1. Electricity savings by replacing FLT in internal areas that use the most energy efficiency batteries and chargers.
2. The new 100% Bio-diesel counterbalance truck purchased, uses recycled vegetable oil from the canteen and is giving 30% savings on operational costs.



The first activity was for Epson Telford Ltd to replace the trucks working inside the factory with forklifts that run on the most energy efficient batteries and chargers.

The next action was the purchase of a 100% Bio-Diesel counterbalance truck from Linde. This is the first of its kind in the UK. The truck runs on recycled waste vegetable oil recovered from the Epson Telford Ltd canteen.

Each week, the canteen has been collecting 100 litres of used oil which was sent to Simmons Transport where it was processed to be used in Bio-Diesel vehicles. Now Epson Telford Ltd are purchasing approximately 20 litres of the processed oil back to run the Linde truck.

Epson Environmental Supervisor Justin Pike thinks that this is a project that other companies can easily replicate. He advises them to: "Look at your waste streams and aim to continuously improve, never rule anything out. Using cooking oil not only saves us money but also uses another waste stream so its a win-win situation."

The truck is only part of a comprehensive waste management plan that Epson Telford Ltd have. 92% of waste is recycled and Epson Telford Ltd work in partnership with a number of small companies on Hortonwood, taking their cardboard and plastics free of charge, and baling it for recycling with their own waste.

The truck is used for all external operations including loading & unloading vehicles and movement of recyclable materials. It will also be used for the gritting of the site in winter.

The forklift is meeting all of the company's requirements and is giving a 30% saving on operational costs in comparison to the previous Battery powered truck. It handles well, with smoother controls.



www.telfordbesst.co.uk

Business Environment Support Scheme for Telford