

## **Resource Efficiency – WasteCare Thatcham**

### **Basic Measures for Improving Energy Efficiency**

WasteCare Thatcham has several small porta-cabin which use electricity for heating, lighting and powering computers. The heaters, lighting and equipment is turned off overnight and not in use to minimise the electricity consumption. The welfare facilities are fitted with PIR sensors, this means lighting will automatically turn off if individuals do not remember to switch off lights after use. The baler and briquetter also use electricity, again this equipment is switched off when not in use.

### **Breakdown of Any Changes to Energy Usage**

There is going to be very little changes to energy use due to this variation as the porta-cabins are currently in use. No additional activities that use electricity will be added as part of this permit variation that isn't being carried out under the current waste exemptions.

### **Raw Materials**

Diesel is used at the Thatcham site for refuelling vehicles. This fuel type is more economical for longer journeys, which results in less fuel use compared to if the vehicles were run on petrol. The routes are planned using specialist software to ensure the most efficient collection route is calculated for each driver, which ensures the least amount of diesel is used per trip.

### **Avoiding the Production of Waste**

Thatcham will act as a regional waste transfer station. Most wastes collected are sent offsite for recovery either by a third party or to a different WasteCare site that can process the waste further to enhance the recyclability of the original waste. The processes on site (briquetting, baling and solid bulking) does not produce waste for disposal, the end products are sent offsite for recovery. Very limited waste is sent for disposal, where it is either not economically viable or technically possible to recover all element of the waste.