

## Case Study

# Recycling Oily Waste Is A Piece Of Cake

**Organisations involved:** CTS Environmental Services Ltd, Regional Band Saw Manufacturer

## The Challenge

The previous waste contractor was unable to handle the material and a new route for recovery was needed. Limited storage was available as this material has to be contained in a bunded area therefore some urgency to obtain a solution was requested by the producer.



Above: Band Saw Grinding Cake

## The Solution

NISP member CTS Environmental are specialists in legislation and hazardous waste routes and offer a facilitated service. CTS Environmental had the expertise to assess the sample, EWC code and data sheet and prove categorically that the hazardous component in the coolant was below the threshold to be hazardous and therefore agreement was reached with the Environment Agency that the waste can be classed as non-hazardous. This discovery alone would result in a cost saving to the company.

Furthermore, CTS Environmental in conjunction with NISP progressed the synergy by researching and facilitating recycling routes for this material. A number of opportunities were explored before success was achieved diverting it into the metals industry.

The outcome of this partnership is that the metal cake, previously going to hazardous waste landfill, is now being recovered and recycled as metal, saving costs and virgin materials.

## The Results

**Hazardous Waste: 80 tonnes**  
**CO2 Reduction: 153 tonnes**  
**Reduction in Virgin Materials: 80 tonnes**



Wastes containing oil are sometimes wrongly classified due to lack of understanding of waste legislation and analysis. We worked closely with the customer and NISP to achieve a suitable solution to the customer's requirements.



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