

# Case study



## **Client:** Tier 1 manufacturer of automotive components

### **Services provided by Forward Waste Management:**

- Recycling of post-production plastic scrap
- Collection and recycling of general waste (via RDF/EFW)
- Recycling of cardboard and LDPE film materials
- Hazardous waste collection and treatment (drummed and bulk liquids)
- Waste handling equipment supply
- Site DGSA support
- Monthly site meetings and presentation of waste management reports
- Helpdesk

### **Profile:**

A global manufacturer of automotive trim products, including the moulding, production and assembly of entire dashboards for major motor manufacturers. Our client established their first UK site in 2013, which is now employing over 650 staff.

### **What was our client looking for?**

We first engaged with the client in the early stages of site commissioning, before manufacturing commenced in full. It was established that they needed a waste management company who would provide one point of contact for all waste management services and costs.

### **How did we help?**

Given this was a new venture within the UK, the client's focus was understandably directed towards establishing production as quickly as possible. With this in mind, Forward Waste Management were brought in to:

- Understand the manufacturing process and identify the sources of waste at the point of production
- Advise on best practice to mitigate production waste, including supply chain negotiation
- Assess and recommend the most appropriate means of waste capture and transfer from production to storage within the yard area, including feasibility and specification of waste handling systems
- Identify recovery and recycling routes for orphan production waste streams
- Provide in-house DGSA support to help advise on hazardous waste control and storage on site, in line with specific site licences granted
- Provide "Zero to Landfill" options for general dry waste materials
- Oversee the safe and compliant collection, treatment and disposal of all hazardous wastes, both in drummed and bulk tanker formats
- Supply and maintain appropriate waste handling equipment, including baling systems and hazardous waste storage facilities
- Provide single point billing, with all applicable supporting duty of care documentation
- Establish monthly review meetings delivered by a dedicated account manager
- Roll out "Toolbox" talks for site staff and produce SOP's with pictogram instructions

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## The results...

Driving change through a shared vision to improve environmental performance, we introduced regular communication from the outset to define opportunities for waste reduction. Initiatives we have researched, tabled and rolled out to date include:-

- Sourcing a recovery and recycling route for TPO (thermoplastic olefin) material, formerly disposed via landfill; this material is reprocessed back to reusable polymer. The project included the requirement of a large capacity semi-automatic baler - supplied, installed and maintained through Enviroquip, our in-house equipment company
- Establishment of recycling of scrap solid state dashboards, again deemed unrecoverable
- Installation of drum crushing systems to reduce volume and cost of disposal of hazardous containers
- Establishment of bulk tanker collection of liquid hazardous waste materials, reducing requirement for drummed waste handling
- Support in maintaining site hazardous waste licences through advice of our DGSA and technical team, reducing consultancy costs through our self-delivery capability.

In order to deliver a truly collaborative service and provide the best possible service we apply our 'one team' approach, with all Forward Waste staff working to the same goal and stressing a proactive 'find it, fix it' culture, headed by an experienced account manager working in conjunction with every member of the Forward management team. We conduct monthly review meetings, both on site and internally at FWM, analysing waste production and recovery data to produce concise waste management reports. As a result of these, joint actions are set to achieve waste volume and cost reduction, while enhancing environmental performance and site Health & Safety and compliance.

We originally secured the contract in 2012 and have successfully retained it thereafter, based on our track record of delivering excellent service and compliance support. To drive the next phase of operational improvement, we are currently negotiating the provision of four dedicated Forward Waste operatives to be based at the site, in order to maximise waste efficiency.



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Case study - automotive sector