

RECOVINYL

news

issue
no 7

WELCOME to issue 7 of the Recovynyl newsletter. This issue contains details of a new recycling initiative between waste transfer stations and window installation companies, a focus on Shredtec in Oldham and news of a recent Recovynyl appointment, Peter McCutcheon.

Lessons learnt from WRAP funded trial

Axion Recycling has been conducting a trial involving window installation companies in Manchester and Liverpool. The trial has been funded by WRAP (the Waste and Resources Action Programme) and has targeted small to medium sized enterprises (SMEs). The initial aim of the trial was to recruit Recovynyl recyclers to collect and deconstruct waste from installation companies, encouraging recycling and diverting waste from landfill. However,



after an initial trial period, it became clear this approach wouldn't work as most of the SMEs contacted didn't have sufficient space for storing and collecting recyclables. It was also found that in many cases these businesses disposed of the waste at the point of generation in builders skips. Axion carried out market research with more than 100 SMEs and used the results to redesign the trial. The new approach involved waste transfer stations who would be prepared to accept mixed waste and segregate the recyclables. The trial has worked by installers delivering waste in their own vans directly to the waste transfer stations - 'drop off facilities'. The waste transfer stations deconstruct the used windows, sending flat glass, wood, metal and PVC for recycling and claiming the Recovynyl incentive payment for the PVC. The SME installers are being charged to use the 'drop off facilities' but the charges are more competitive than disposing of the material to landfill. The lessons learnt from the trial have informed the development of Axion's new project with Recycling Action Yorkshire.

Calling all Waste Transfer Stations !

UK Recovynyl agent Axion Recycling, is looking to recruit waste transfer stations across Yorkshire and Humberside to take part in a new initiative supported by Recycling Action Yorkshire (RAY), a 'not-for-profit' regional organisation dedicated to encouraging recycling across Yorkshire. In a bid to encourage window installation and glazing companies to recycle their waste, Axion is hoping to recruit a network of waste



transfer stations or community 'bring' sites to accept small van loads of mixed waste from window companies. The waste transfer stations will need to deconstruct the waste, separating out the PVC and glass. The PVC can then be sent to a Recovynyl Recycler for processing and the waste transfer station will be entitled to receive incentive payments. Jane Gardner, Project Co-ordinator, explains:

"Because many of these window companies are small businesses, it is important that the waste transfer stations are prepared to accept small vans dropping off removed windows. Equally, they should be prepared to deconstruct the frames and separate the PVC, glass and metals for recycling."

"This is already happening successfully in areas such as South Wales, which proves it can be done safely and profitably. By recycling, instead of landfilling, their window waste, installation companies benefit from lower disposal costs, while waste transfer stations can generate additional revenue via the Recovynyl Scheme. We now want to extend this model throughout Yorkshire and Humberside, where many smaller installation companies are based."

With support from RAY, Axion will be publicising the scheme with small window installation companies in the region and encouraging them to deliver their mixed waste to the participating waste transfer stations. If you would like to take part in the scheme, or would like further information, contact Jane Gardner tel: 0161 355 7618 email: jgardner@axionrecycling.com

Recycler Feature: Shredtec Recyclers Ltd

Recovinyl member Shredtec is a waste transfer station, based in Oldham, Lancashire. Eric Redfern, Sales Executive at Shredtec claims the company is the largest volume post-consumer PVC window and door frames recycling plant in the UK. Typically, there are 140 PVC window frames in each tonne and the machinery on site is capable of processing 4 tonnes of PVC per hour. With capacity of this size, Shredtec is constantly looking for new sources of post-use PVC. As Eric explained, the company are looking to enter into contracts directly with window companies and have recently negotiated agreements with Safestyle UK and Anglian Windows. Eric Redfern is positive about the Recovinyl initiative: "Recovinyl has definitely helped increase the volumes of post-use PVC. We have spent significant amounts of money upgrading the plant with new machinery allowing large volumes of PVC to be processed and the removal of very small particles of metal. After an initial grinding, the PVC is put through a second process to eliminate metal content, bringing down the percentage of metal in the grindings to an impressive 'almost zero'."

Shredtec offers immediate payment for every tonne of PVC frames that clients deliver. The company has its own public weighbridge and will make on-the-spot payments, cash or cheque, for every load delivered (subject to a minimum weight). Clients need to de-glaze the windows and door panels prior to delivery. Shredtec is prepared to pass on generous incentives to its clients, paying £70 per tonne of used PVC. It subsequently claims the subsidy for each load of post-use PVC from Recovinyl. As Eric explains: "by paying our clients directly and processing the claims with Recovinyl ourselves, we are ensuring that the process is as

smooth as possible." Shredtec offers increased margins for special account customers, for example, other waste transfer stations who deliver post-use PVC to Shredtec. Individually negotiated agreements with special account customers may include provision for increased incentive payments, enabling the client to make further payment to third parties.

Collection can be arranged for high volumes of used PVC. Shredtec is currently working with PVC Group to provide a



national collection service. In addition to windows and door panels, Shredtec is able to process PVC from other sources, such as piping, cladding and flooring. When the PVC has been processed, Shredtec sell the product on to recyclers who extrude it back into new products, such as garden furniture. As a waste transfer station, Shredtec is able to provide a full audit trail for all its processed PVC, supplying all necessary certificates and weighbridge documentation to

prove that the waste PVC has been recycled and not gone to landfill. This is useful for companies or local authorities seeking to meet and demonstrate their environmental policies.

For further information, contact
Shredtec Tel: 01706 845097 Fax 01706 846683
Ian Murray, Managing Director Tel: 07989991030
Eric Redfern, Sales Executive Tel : 07921317726

New Appointment: Peter McCutcheon



Axion Recycling have recently appointed waste management consultant Peter McCutcheon to work alongside David Wiles promoting the Recovinyl initiative. Peter explains: My role with Recovinyl is to raise awareness amongst those in local authorities, arms-length management organisations and major waste management companies who specify tender requirements. I encourage them to specify the recycling of PVC in any tenders they issue, confident that an infrastructure exists to support the activity."

Peter has over 30 years experience in waste management and recycling having served in both operational and business development capacities at a senior level. For the past 8 years he has run his own waste management consultancy, providing a variety of support and auditing services for waste producers.

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