

CARPET RECYCLING UK

recovering carpet value

Carpet Recycling E-News

Volume 3 November 2009

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EVENT:

Ecobuild Seminar 3rd March 2010

Featuring :

- Launch of Carpet Action Plan
- Meet The Buyer networking
- Recycling Polypropylene carpets

To register for your free place email
info@carpetrecyclinguk.com

NEW MEMBERS

Mid UK

A waste management company based in Sleaford in Lincolnshire with a materials recovery and recycling facility collecting all types of carpet and tiles for energy recovery .

www.midukrecycling.co.uk/

Fife Council:

Hopes to be the greenest council in Scotland having signed up to a zero recyclable waste to landfill target by 2020.

Opposite: bales of shredded carpet for use as equestrian fibre additive

Welcome to E-News

Welcome to the 3rd edition of the Carpet Recycling UK E-News, featuring latest developments in recycling options, updates on trials, upcoming events and other industry and association news.

More in depth information on most news items is available from the news area of our website at www.carpetrecyclinguk.com/news.html

Membership continues to grow

Membership of Carpet Recycling UK continues to grow with our total now at 41 members. As we move into our second year, we hope that 2010 will see us secure the support of other key companies and operators across the industry, as recognition grows of the need to improve resource efficiency as well as the business advantages of waste reduction. We're grateful to all our members whose continued support enables us to develop solutions and draw in investment to realise a sustainable future for the carpet industry. We're also welcoming two new members to the network this month, see [opposite](#) for details.

National carpet action plan underway

First steps have been taken to develop an industry wide plan to tackle the 350,000 tonnes of broadloom carpet waste generated annually. The Carpet Material Action plan is backed by WRAP and DEFRA and is being taken forward by a stakeholder group with representatives from across the supply chain including CarpetRight and Headlam Group. The first meeting of the group took place in October.

Read more at www.carpetrecyclinguk.com/news.html

Kate voted into top 100

Kate Chappell CEO of Carpet Recycling UK has been listed in the "Hot 100" star performers in the waste profession in Resource Magazine. She was nominated for "single-handedly setting up and gaining funding for two carpet recycling facilities" and was voted in by other waste professionals. Kate said "It's a great honour and really encouraging that what we're doing in carpet recycling isn't going unnoticed".

AWM fund wool rich carpet testing

Brintons has secured funding from the WRAP /AWM (Advantage West Midlands) Programme for technical support in testing and risk assessments for



recycling wool rich carpets. Another Carpet Recycling UK member, 4Recycling has been commissioned to deliver the technical support to the project on the basis of their considerable experience in recycling municipal waste to land. Companies seeking support and expertise to improve environmental responsibility have much to gain from being part of the Carpet Recycling UK network.

More at www.carpetrecycling.com/news.html

New Team Member

We've commissioned a consultant, Anna Seward, to help us to communicate more effectively & keep members and the wider industry up to date with newsletters, press coverage and online information. If you have any news items for future newsletters, contact Anna by emailing anna@carpetrecyclinguk.com



Above: Wheel trim made from 85% nylon recyclate

NEW RESOURCES ONLINE

VIDEO: Factory Made

A short video showcasing processing of post consumer nylon carpet at the factory of American manufacturer InterfaceFlor. The video also features use of a piece of carpet identification equipment. View it at

www.carpetrecyclinguk.com/resources.html

PAPER: Wool rich carpet for land applications

Literature review from a post graduate thesis by Emma Pugh at Liverpool John Moores University
Read it at

www.carpetrecyclinguk.com/resources.html

BRIEFING: Nylon fibre recovery from carpet

The fibres of the pile of a carpet are usually the most valuable elements for potential recovery but are challenging to deconstruct.

Carpet Recycling UK is supporting research to extract fibres from carpets. Read more at

www.carpetrecyclinguk.com/resources.html.

Green light to PP recovery lab work

Carpet Recycling UK has secured public funding towards research and development to open up new markets for polypropylene recovered from carpet waste. Trials are being undertaken by Axion Consulting who were commissioned on the basis of their proven track record in developing innovative processing solutions for recycling plastics from post consumer waste. The project is funded by Envirolink Northwest who stated "A successful outcome will have both environmental and economic benefits, as a growth in the region's recycling sector will help create and safeguard jobs." Read more at www.carpetrecyclinguk.com/news.html

Mohawk recycled nylon approved for UK resins

Mohawk Greenworks recycling facility in Georgia takes in post-consumer residential carpet from all over the US. The centre processes 100% of the carpet-fibre, backing and latex, and recovers about 90% of all materials into useable products. One valuable stream is nylon, either 6 or 6.6 which is recovered with 95% purity and has been demonstrated to meet the exacting requirements of the global auto industry. Carpet Recycling UK have been instrumental in creating opportunities for these materials in Europe where demand for recycled content in engineering polymers is strong. Several UK compounders have evaluated these recyclates and approved them for use. To obtain samples and specification details please contact Laurance@carpetrecyclinguk.com or call 07787 862189.

Quadrant and Spruce grow carpet tile recycling

Carpet Recycling UK members Quadrant Modular and Spruce Carpets have joined forces to provide recycled tiles for a huge office refurbishment for Centrica. Quadrant is a design led manufacturer of carpet tiles and was selected by Centrica on the basis of their commitment to environmental responsibility. Spruce is a social enterprise providing training opportunities for people excluded from working. Together they will combine their capabilities to refurbish and reuse the old tiles from a 9000 m² office complex. More at www.carpetrecyclinguk.com/news.html

CO2 savings of recycling carpet quantified

Researchers at Resource Efficiency Yorkshire (REY) say that recycling a tonne of carpet saves 4.2 tonnes of CO₂ equivalent. Recycling carpets saves twice as much CO₂ as recycling plastics, and each tonne of carpet recycled gives the same carbon saving as taking 1.5 small cars off the road for a year. The figures are based on data converted from a report on carpet recycling in America's North West. Click [here](#) to see the full report. Kate Chappell, CEO of Carpet Recycling UK, said: "This research underlines how important it is to step up investment in research and development and make carpet recycling happen quickly."

BRIEFING: US Sustainable Carpet Standard

A national standard is driving a shift towards sustainable practices across the supply chain in the US carpet industry. Products can be assessed to three levels: silver gold or platinum and are achieved by meeting a number of requirements, including end of life management. Since its introduction, the standard has stimulated innovation in the US in developing closed loop recycling solutions. International suppliers will already be contending with the standard, and it seems likely that a more comprehensive standard will be introduced in the UK in years to come.

Read more about NSF140 at www.carpetrecyclinguk.com/resources.html

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